

AT&T Wholesale Agreement

**INTERCONNECTION AGREEMENT UNDER
SECTIONS 251 AND 252 OF THE
COMMUNICATIONS ACT OF 1934, AS AMENDED**

**between
ILLINOIS BELL TELEPHONE COMPANY d/b/a
AT&T ILLINOIS,**

and

**MCIMETRO ACCESS TRANSMISSION SERVICES
LLC**

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INTERCONNECTION AGREEMENT UNDER SECTIONS 251 AND 252 OF THE COMMUNICATIONS ACT OF 1934, AS AMENDED

This Interconnection Agreement under Sections 251 and 252 of the Telecommunications Act of 1996 (the Agreement), is dated by and between Illinois Bell Telephone Company d/b/a AT&T Illinois ("AT&T ILLINOIS"), and, MCImetro Access Transmission Services LLC ("MCIIm").

WHEREAS, the Parties want to interconnect their networks, to provide Telephone Exchange Services, Exchange Access and ancillary services in Illinois.

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 and perform their obligations as required by the Communications Act of 1934 as amended by the Telecommunications Act of 1996, the rules and regulations of the Federal Communications Commission ("FCC"), and the orders, rules and regulations of the Illinois Commerce Commission (the "Commission") and as specifically set forth herein; and

WHEREAS, as of the Effective Date, for purposes of this Agreement, MCIIm operates where AT&T ILLINOIS is the certified incumbent Local Exchange Carrier and MCIIm is a certified competitive Local Exchange Carrier.

NOW, THEREFORE, the Parties hereby agree as follows:

This Agreement is composed of General Terms and Conditions, which are set forth below, together with certain Appendices, Schedules, Exhibits and Addenda which immediately follow this Agreement, all of which are hereby incorporated in this Agreement by this reference and constitute a part of this Agreement.

GENERAL TERMS AND CONDITIONS

1. SCOPE OF AGREEMENT

- 1.1 This Agreement consists of this set of General Terms and Conditions and the following appendices:

- Appendix I: Definitions
- Appendix II: Bona Fide Request
- Appendix III: Intentionally Omitted
- Appendix IV: Collocation (Physical & Virtual)
- Appendix V: Directory Assistance Listing Information
- Appendix VI: Directory Assistance Services
- Appendix VII: Invoicing
- Appendix VIII: INW
- Appendix IX: Intentionally Omitted
- Appendix X: Intentionally Omitted
- Appendix XI: Network
- Appendix XII: Number Portability
- Appendix XIII: Numbering
- Appendix XIV: Operations Support Systems
- Appendix XV: Operator Services
- Appendix XVI: Performance Measurements

Appendix XVII: Pricing (including Price List)
 Appendix XVIII: Reciprocal Compensation
 Appendix XIX: Recording
 Appendix XX: Resale
 Appendix XXI: ROW
 Appendix XXII: Intentionally Omitted
 Appendix XXIII: UNE
 Appendix XXIV: xDSL
 Attachment Yellow Zone Process (YZP)
 Attachment RABT YZP
 Attachment RABT MMP
 Appendix XXV: Intentionally Omitted
 Appendix XXVI: 911
 Appendix XXVII: Intentionally Omitted
 Appendix XXVIII: Intentionally Omitted
 Appendix XXIX: White Pages
 Appendix XXX: Line Splitting
 Appendix XXXI: AIN
 Appendix XXXII: Coordinated Hot Cut
 Appendix XXXIII: Out of Exchange Traffic
 Appendix XXXIV: Transit

- 1.2 This Agreement is intended to describe and enable specific Interconnection and compensation arrangements between the Parties. This Agreement is the arrangement under which the Parties may purchase from each other the products and services described in Section 251 of the Act and obtain approval of such arrangement under Section 252 of the Act.
- 1.3 Except as specifically contained herein or provided by the FCC or any Commission within its lawful jurisdiction, nothing in this Agreement shall be deemed to affect any Special Access or Switched Access charge arrangement.
- 1.4 Each Party shall act in good faith in its performance under this Agreement and, in each case in which a Party's consent or agreement is required or requested hereunder, such Party shall not unreasonably withhold or delay such consent or agreement.

2. INTERPRETATION, CONSTRUCTION AND SEVERABILITY

2.1 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 "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. See Appendix Definitions.

2.2 Headings Not Controlling

- 2.2.1 The headings and numbering of Sections, Parts, Appendices Schedules and Exhibits to this Agreement are for convenience only and will not be construed to

define or limit any of the terms herein or affect the meaning or interpretation of this Agreement.

- 2.2.2 This Agreement incorporates a number of Appendices which, together with their associated Attachments, Exhibits, Schedules and Addenda, constitute the entire Agreement between the Parties. In order to facilitate use and comprehension of the Agreement, the Appendices have been grouped under broad headings. It is understood that these groupings are for convenience of reference only.

2.3 Referenced Documents

- 2.3.1 Whenever any provision of this Agreement refers to any document specifically incorporated into the Agreement it will be deemed to be a reference to the then-current version or edition.
- 2.3.2 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 said tariff provision or rate applies only in the jurisdiction in which such tariff provision or rate is filed, and applies to MCIm only where AT&T ILLINOIS operates within that jurisdiction. Except as may be specifically set forth elsewhere in the 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.

2.4 Intentionally Omitted.

2.5 Intentionally Omitted.

2.6 Conflict in Provisions

- 2.6.1 In the event of a conflict between any provision in this General Terms and Conditions and a provision of any Appendix, Attachment, Exhibit, or Schedule of this Agreement, the terms and conditions contained in the Appendix, Attachment, Exhibit or Schedule will supersede those contained in this General Terms and Conditions, but only in regard to the services or activities listed in that particular Appendix, Attachment, Exhibit or Schedule.
- 2.6.2 Intentionally Omitted.

2.7 Joint Work Product

- 2.7.1 This Agreement 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.

2.8 Severability

- 2.8.1 If any provision of this Agreement is rejected by the Commission or held to be illegal or invalid or unenforceable, each Party agrees that such provision shall be enforced to the maximum extent permissible so as to effect the intent of the Parties, and the validity and legality and enforceability of the remaining provisions of this Agreement shall not in any way be affected or impaired thereby. If necessary to effect the intent of the Parties, the Parties shall negotiate in good

faith to amend this Agreement to replace the unenforceable language with enforceable language that reflects such intent as closely as possible.

- 2.9 AT&T ILLINOIS 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 with 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.
- 2.10 Intentionally Omitted.
- 2.11 Intentionally Omitted.
- 2.12 Scope of Obligations
 - 2.12.1 AT&T ILLINOIS' obligations under this Agreement to provide unbundled Network Elements and Resale shall apply only to the portions of Illinois in which AT&T ILLINOIS is deemed to be the ILEC under the Act.
 - 2.12.2 Notwithstanding anything to the contrary contained herein except for the Out of Exchange Appendix, AT&T ILLINOIS' obligations under this Agreement shall apply only to the specific operating area(s) or portion thereof in which AT&T-ILLINOIS is then deemed to be the ILEC under the Act (the "ILEC Territory").
 - 2.12.3 The Agreement sets forth the terms and conditions pursuant to which AT&T ILLINOIS agrees to provide MCIm with access to unbundled Network Elements (UNEs), Collocation, Resale and Interconnection under Applicable Law in AT&T ILLINOIS' incumbent local exchange areas for the provision of MCIm's Telecommunications Services.

3. NOTICE OF CHANGES -- SECTION 251(c)(5)

- 3.1 Nothing in this Agreement shall limit either Party's ability to upgrade its network through the incorporation of new equipment, new software or otherwise. Each Party agrees to comply with the Network Disclosure rules adopted by the FCC in CC Docket No. 96-98, Second Report and Order, codified at 47 C.F.R. 51.325 through 51.335, as such rules may be amended from time to time (the "Network Disclosure Rules").
- 3.2 AT&T ILLINOIS shall provide services pursuant to the provisions of this Agreement. Except as otherwise specifically provided for in this Agreement, AT&T ILLINOIS shall not discontinue or refuse to provide any service provided or required under this Agreement without MCIm's prior written agreement. This is not intended to impair AT&T ILLINOIS' ability to make changes in its network, provided that such changes are consistent with the Act and this Agreement and do not result in the discontinuance of the offering of network elements made by AT&T ILLINOIS during the term of this Agreement.

4. GENERAL RESPONSIBILITIES OF THE PARTIES

- 4.1 Upon approval by the Commission, the Parties agree to begin providing the services referenced herein immediately or as otherwise established in the applicable Appendix.
- 4.2 The Parties shall each provide their portion of services timely to meet the Interconnection Activation Dates.

- 4.3 The Parties agree to comply with Telcordia BOC Notes on LEC Networks Practice No. SR-TSV-002275. Each Party is responsible to provide facilities within its network that are necessary for routing, transporting, measuring, and billing traffic from the other Party's network and for delivering such traffic to the other Party's network.

- 4.3.1 The Parties are each responsible for participation in and compliance with national network plans, including the National Network Security Plan and the Emergency Preparedness Plan.

5. INSURANCE

- 5.1 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:
- 5.2 Workers' Compensation insurance with benefits afforded under the laws of each state covered by this Agreement and Employers Liability insurance with minimum limits of \$1,000,000 for Bodily Injury-each accident, \$500,000 for Bodily Injury by disease-policy limits and \$1,000,000 for Bodily Injury by disease-each employee.
- 5.3 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.
- 5.4 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.
- 5.5 Each Party shall require subcontractors providing services under this Agreement to maintain in force the insurance coverage and limits required in Sections 5.1 through 5.4 of this Agreement.
- 5.6 The Parties agree that companies affording the insurance coverage required under Section 5.1 shall have a rating of A- or better and a Financial Size Category rating of VIII 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.
- 5.7 Each Party agrees to provide the other Party with at least thirty (30) calendar days advance written notice of cancellation, a reduction in limits, or non-renewal of any of the insurance policies required herein.
- 5.8 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:
- 5.8.1 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 each state covered by this Agreement or the employer's state of hire;
and

- 5.8.2 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
- 5.8.3 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.
- 5.8.4 This Section 5 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.

6. OPERATING COMPANY NUMBER (OCN)

- 6.1 For the purposes of establishing service and providing efficient and consolidated billing, MCIm is required to provide AT&T ILLINOIS its authorized and nationally recognized Operating Company Number (OCN) for facilities-based (Interconnection and/or unbundled Network Elements) and a separate and distinct OCN for Resale Services. MCIm is responsible for costs of implementing any changes to an OCN/ACNA whether or not it involves a merger, consolidation, assignment or transfer of assets shall be determined through the BFR process set forth in Appendix BFR. Nothing in this Section shall be construed to constitute a waiver of either Party's rights under Case No. 02-13533 (United States Bankruptcy Court Southern District of New York).
- 6.2 Intentionally Omitted.
- 6.3 When an end user customer changes its service provider from AT&T ILLINOIS to MCIm or from MCIm to AT&T ILLINOIS and does not retain its original telephone number, the Party formerly providing service to such end user customer shall furnish a referral announcement ("Referral Announcement") on the original telephone number that specifies the end user customer's new telephone number. These arrangements will be provided reciprocally for the same period of time and under the same terms and conditions as such Party provides such arrangements to its existing end user customers.
 - 6.3.1 Intentionally Omitted.
 - 6.3.2 Intentionally Omitted.
 - 6.3.3 Intentionally Omitted.
 - 6.3.4 The Parties shall provide each other with Referral Announcements for the period of time specified by Illinois law. However, if either Party provides Referral Announcements for a period longer than the above period(s) when its end user customers change their telephone numbers, such Party shall provide the same level of service to end user customers of the other Party.
- 6.4 Each Party shall be responsible for labor relations with its own employees.

7. TERM AND TERMINATION

- 7.1 In AT&T ILLINOIS, 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.
- 7.2 The term of this Agreement shall commence upon the Effective Date of this Agreement and will remain in effect for three (3) years after the Effective Date and continue in full force and effect, thereafter until (i) superseded in accordance with the requirements of this section or (ii) terminated pursuant to the requirements of this section. No earlier than one-hundred eighty (180) days before the expiration of the term, either Party may request that the Parties commence negotiations to replace this Agreement with a superseding agreement by providing the other Party with a written request to enter into negotiations
- 7.3 Notwithstanding any other provision of this Agreement either Party may terminate this Agreement and the provision of any Interconnection, Resale Services, 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 materially 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 shall take effect immediately upon delivery of written notice to the Party that failed to cure such material nonperformance or material breach within forty-five (45) days after written notice thereof.
- 7.4 If, upon termination of this Agreement other than pursuant herein, the Parties are negotiating a successor agreement, during such period each Party shall continue to perform its obligations and provide the services described herein that are to be included in the successor agreement until such time as a successor agreement becomes effective; provided, however, that if the Parties are unable to reach agreement prior to the termination of this Agreement, either Party has the right to submit this matter to the Commission for resolution. Until a successor agreement is reached or the Commission resolves the matter, whichever is sooner, the terms, conditions, rates and charges stated herein will continue to apply, subject to a true-up based on the Commission action or the new agreement, if any.
- 7.5 If MCIm requests renegotiations pursuant to Section 7.2, MCIm shall provide a written request to commence negotiations with AT&T ILLINOIS under Sections 251/252 of the Act. If AT&T ILLINOIS requests renegotiations pursuant to Section 7.2, MCIm shall have ten (10) calendar after its receipt of such notice to provide AT&T ILLINOIS with written confirmation of MCIm's intent to pursue a successor agreement and shall provide a written request to commence negotiations with AT&T ILLINOIS under Sections 251/252 of the Act. Upon receipt of MCIm's Section 252(a)(1) request, the Parties shall commence good faith negotiations on a successor agreement
- 7.6 If neither Party requests renegotiations pursuant to Section 7.2, this Agreement shall continue in full force and effect for one year after the expiration of the original three (3) year term set forth in Section 7.2.
- 7.7 If at any time during the Section 252(a)(1) negotiation process (prior to or after the expiration date or termination date of this Agreement), MCIm withdraws its Section 252(a)(1) request, MCIm must include in its notice of withdrawal a request to adopt a successor agreement under Section 252(i) of the Act or affirmatively state that MCIm

does not wish to pursue a successor agreement with AT&T ILLINOIS for a given state. If MCIm requests adoption of an agreement under Section 252(i), this Agreement shall remain in full force and effect until such adoption becomes effective. If MCIm affirmatively states that it does not wish to pursue a successor agreement, this Agreement shall continue in full force and effect until the later of: 1) the date one year after the expiration of the original three (3) year term of this Agreement, or 2) ninety (90) calendar days after the date MCIm provides notice of withdrawal of its Section 252(a)(1) request.

- 7.8 Upon termination of this Agreement in accordance with this Section 7:
- a. each Party shall continue to comply with its Confidential Information obligations,
 - b. each Party shall promptly pay all amounts (including any late payment charges) owed under this Agreement, and
 - c. each Party's indemnification obligations shall survive.
- 7.9 In the event of termination of this Agreement herein, AT&T ILLINOIS and MCIm shall cooperate in good faith to effect an orderly transition of service under this Agreement; provided that MCIm shall be solely responsible (from a financial, operational and administrative standpoint) to ensure that its End Users have been transitioned to a new LEC by the expiration date or termination date of this Agreement.

8. FRAUD

- 8.1 Except as provided herein, neither Party shall be liable to the other Party for any fraud associated with the other Party's end user customer's account.
- 8.2 Uncollectible or unbillable revenues resulting from the accidental or malicious alteration of software underlying Network Elements or their subtending OSS by unauthorized third parties is the responsibility of the Party which has administrative control of access to the Network Element or OSS software.
- 8.3 The Parties agree to cooperate with one another to investigate, minimize, and take corrective action in cases of fraud. The Parties agree to cooperate to minimize all costs. The Parties agree that fraud minimization procedures should be cost effective and implemented so as not to unduly burden or harm one Party as compared to the other.
- 8.4 In cases of suspected fraudulent activity by an end user customer, at a minimum, the cooperation referenced herein will include providing to the other Party, upon request, information concerning end user customers who are suspected of fraudulent activity. The Party seeking such information is responsible for securing the end user customer's permission to obtain such information.
- 8.5 AT&T ILLINOIS will provide notification messages to MCIm on suspected occurrences of ABS-related fraud on MCIm accounts stored in the applicable LIDB. AT&T ILLINOIS will provide via fax.
- 8.6 AT&T ILLINOIS shall make available to MCIm all present and future fraud prevention or revenue protection features, at parity to what it provides itself, its affiliate or any third party including prevention, detection, or control functionality embedded within any of the Network Elements. AT&T ILLINOIS will use a fraud monitoring system to determine suspected occurrences of ABS-related fraud for MCIm using the same criteria AT&T ILLINOIS uses to monitor fraud on their respective accounts. These features include, but

are not limited to, screening codes; information digits, such as information digits '29' and '70' which indicate prison and COCOT pay phone originating line types respectively; call blocking of domestic, international, 800, 888, 900, NPA-976, 700, 500 and specific line numbers; and the capability to require end-user entry of an authorization code for dial tone. AT&T ILLINOIS shall, in addition, provide fraud alerts for fraud prevention, detection, and control functionality within pertinent operations support systems ("OSS"), including, but not limited to, Line Information Data Base Fraud monitoring systems, High Toll Notifiers, SS7 suspect traffic alerts, and AMA suspect traffic alerts.

8.7 Intentionally Omitted.

8.8 The Parties will provide contact names and numbers to each other for the exchange of Fraud Monitoring System alert notification information twenty-four (24) hours per day seven (7) days per week.

9. DEPOSITS

9.1 Intentionally Omitted.

9.2 Upon request by the Billing Party, the Billed Party will provide the Billing party with adequate assurance of payment of amounts due (or to become due) to the Billing Party.

9.2.1 at the Effective Date the Paying Party had not already established satisfactory credit by having made at least twelve (12) consecutive months of timely payments to the Other Party for charges incurred as a CLEC or ILEC; or

9.2.2 at the Effective Date or at any time thereafter, there has been an impairment of the established credit, financial health or creditworthiness of the Billed Party. Such impairment will be determined from information available from financial sources, that the Billed Party has not maintained a BBB or better long term debt rating or an A-2 or better short term debt rating by Standard and Pool's for the prior six months, or

9.2.3 the Party (a) fails to timely pay a bill rendered to it (except such portion of a bill that is subject to a good faith, bona fide dispute and as to which the Non-Paying Party has complied with the billing dispute requirements set forth herein), and (b) the amount of such undisputed delinquency exceeds five percent (5%) of the aggregate amount billed by AT&T ILLINOIS to MCIm under this Agreement for the month in question; or

9.2.4 the Billed Party 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.

9.3 Unless otherwise agreed by the Parties any assurance of payment required by the previous section shall consist of:

9.3.1 a cash security deposit ("Cash Deposit") held by the Billing Party or;

9.3.2 an unconditional, irrevocable standby bank Letter of Credit from a U.S. financial institution acceptable to both Parties naming the Billing Party as the beneficiary

thereof and otherwise in form and substance satisfactory to both Parties("Letter of Credit").

- 9.4 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), for the Interconnection, Resale Services, Network Elements, Collocation or any other functions, facilities, products or services to be furnished by the Billing Party under this Agreement.
- 9.5 To the extent that the Billing Party 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 the Article 9 of the Uniform Commercial Code in effect in any relevant jurisdiction.
- 9.6 All cash deposits will accrue interest payable when the deposit is returned to the Billing Party. However, the Billing Party will not pay interest on a Letter of Credit.
- 9.7 If during the course of this Agreement the Billed Party paying the Deposit establishes a minimum of twelve (12) consecutive months good credit history with the Billing Party when doing business as a local service provider, the Billing Party holding the Deposit(s) shall return the initial deposits, with interest; provided, however, that the terms and conditions set forth herein shall continue to apply for the remainder of the Term. In determining whether a Billed Party has established a minimum of twelve (12) consecutive months good credit history, the Billed Party's payment record for the most recent twelve (12) monthly billings occurring within the prior twenty-four (24) months shall be considered.
- 9.8 Any cash deposit shall be held as a guarantee of payment of charges billed, provided, however, the Billing Party holding the Deposit may exercise its right to credit any cash deposit to the Billing Party's account upon the occurrence of any one of the following events:
- 9.8.1 the Billed Party owes the Billing Party undisputed charges under this Agreement that are more than thirty (30) calendar days past due or
- 9.8.2 the Billed Party 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
- 9.8.3 when this Agreement expires or terminates; or
- 9.8.4 during the month following the expiration of twelve (12) months after that cash deposit was remitted, the Billing Party holding the Deposit shall credit any cash deposit to the Billing Party's account so long as it has not been sent more than one delinquency notification letter for that state during the most recent twelve (12) months.
- 9.9 So long as the Billed Party maintains timely compliance with its payment obligations, the Billing Party holding the Deposit will not increase the deposit amount required. If the Billing Party fails to maintain timely compliance with its payment obligations, the Billing Party holding the Deposit reserves the right to require additional deposit(s) in accordance with this Section.

- 9.10 If during the first six (6) months of operations in Illinois, the Billed Party has been sent one delinquency notification letter by the Billing Party holding the Deposit, the deposit amount for that state shall be re-evaluated based upon the actual billing totals and shall be increased if the Billing Party's actual billing average for the two (2) month period exceeds the deposit amount held.
- 9.10.1 Throughout the Term, any time the Billed Party has been sent two (2) delinquency notification letters for any one state by the Party holding the Deposit, the deposit amount shall be re-evaluated based upon actual billing totals and shall be increased if the Billed Party's actual billing average for the three (3) month period exceeds the deposit amount held.
- 9.11 Whenever a deposit is re-evaluated as specified herein, such deposit shall be calculated in an amount equal to the average billing for three (3) month period. The most recent three (3) months billing on all Billing Account Numbers (BAN)s for Resale Services, Network Elements, and Reciprocal Compensation shall be used to calculate the monthly average.
- 9.12 Intentionally Omitted.
- 9.13 Whenever a deposit is re-evaluated, the Billed Party shall remit the additional deposit amount to the Billing Party holding the Deposit within ten (10) calendar days of receipt of written notification requiring such deposit. If the Billed Party fails to furnish the required deposit, the Party holding the Deposit shall suspend the Billed Party's ability to process orders until the deposit is remitted.
- 9.14 Intentionally Omitted.
- 9.15 The fact that the Billing Party holding the Deposit holds either a cash deposit or irrevocable bank letter of credit does not relieve the Billed Party from timely compliance with its 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.

10. NONPAYMENT AND PROCEDURES FOR DISCONNECTION

- 10.1 If the Billed Party fails to pay all amounts due by the Bill Due Date, and none of the exceptions listed in Appendix Invoicing of this Agreement apply to that amount, the Billing Party may, in addition to exercising any other rights or remedies it may have under this Agreement or Applicable Law, provide written demand (in accordance with the notice requirements set forth in the General Terms and Conditions) to pay. If the Billed Party does not respond to the written demand to pay within five (5) business days of receipt, the Billing Party may provide a second notice. If the Billed Party does not satisfy the second written demand to pay within five (5) business days of receipt, and the Billed Party has 60 days or greater past due balances for a BAN to which none of the exceptions listed in this Agreement applies, the Billing Party may require provision of a deposit or increase an existing deposit pursuant to a revised deposit request, or refuse to accept new, or complete pending, orders for services. Failure to pay all or any portion of any amount required to be paid also may be grounds for suspension or disconnection of Resale Services, Network Elements and Collocation as provided for in this section. This section does not apply to disputed charges and/or nonpayments arising from Appendix Reciprocal Compensation or Appendix Network.

11. INTENTIONALLY OMITTED**12. DISPUTE ESCALATION AND RESOLUTION****12.1** Intentionally Omitted.**12.2** Alternative to Litigation

12.2.1 The Parties desire to resolve disputes arising out of this Agreement without litigation. Accordingly, the Parties agree to use the following Dispute Resolution procedures with respect to any controversy or claim arising out of or relating to this Agreement or its breach.

12.3 Commencing Dispute Resolution

Dispute Resolution shall commence upon one Party's receipt of written notice of a controversy or claim arising out of or relating to this Agreement or its breach. No Party may pursue any claim unless such written notice has first been given to the other Party in accordance with the Notice provisions herein. There are three (3) separate Dispute Resolution methods:

- LSC Billing Disputes / Billing Claims Process (see Appendix Invoicing)
- Informal Dispute Resolution; and
- Formal Dispute Resolution, each of which is described below.

12.3.1 Intentionally Omitted.**12.3.2** Informal Dispute Resolution

Upon receipt by one Party of notice of a dispute by the other Party pursuant herein, each Party will appoint a knowledgeable, responsible representative to meet and negotiate in good faith to resolve any dispute arising under this Agreement. The location, form, frequency, duration, and conclusion of these discussions will be left to the discretion of the representatives, provided, however, and notwithstanding anything to the contrary, either Party may commence Formal Dispute Resolution Procedures no sooner than forty-five (45) days after receipt of the notice of dispute. In addition to the dispute resolution procedures detailed herein, the Parties have the option to resolve any dispute arising out of this Agreement through a state-supervised mediation process. Further, upon mutual agreement of the Parties, the representatives may utilize other alternative dispute resolution procedures to assist in the negotiations. Discussions and the correspondence among the representatives for purposes of settlement are exempt from discovery and production and will not be admissible in the arbitration described below or in any lawsuit without the concurrence of both Parties. Documents identified in or provided with such communications that were not prepared for purposes of the negotiations are not so exempted, and, if otherwise admissible, may be admitted in evidence in the arbitration or lawsuit.

12.3.3 Formal Dispute Resolution Procedures

12.3.3.1 The Parties recognize and agree that the Commission has continuing jurisdiction to implement and enforce all terms and conditions of this Agreement. The Parties agree that any dispute arising out of or

relating to this Agreement that the Parties themselves cannot resolve by Informal Dispute Resolution, may be submitted to the Commission for Formal Dispute Resolution, including arbitration or other procedures as appropriate, not earlier than forty-five (45) calendar days after receipt of the letter initiating Dispute Resolution, unless otherwise agreed by the Parties. The Parties may seek expedited resolution by the Commission, and if chosen, shall request that resolution occur in no event later than sixty (60) days from the date of submission of such dispute. If the Commission appoints an expert(s) or other facilitator(s) to assist in its decision making, and the Commission does not pay for such expert or other facilitator, each Party shall pay half of the fees and expenses so incurred. During the Commission proceeding each Party shall continue to perform its obligations under this Agreement; provided, however that neither Party shall be required to act in any unlawful fashion. This provision shall not preclude the Parties from seeking relief available in any other forum.

12.3.3.2 Claims will be subject to final and binding commercial arbitration pursuant to this Section if, and only if, the claim is not settled through Informal Dispute Resolution and both Parties agree to arbitration. If both Parties do not agree to arbitration, then either Party may pursue a remedy for the Dispute with the Commission, a court, an agency or regulatory authority of competent jurisdiction. Disputes subject to arbitration under this section will be submitted to a single arbitrator pursuant to the rules of The American Arbitration Association or by a provider of arbitration services to which the Parties agree, pursuant to the United States Arbitration Act, 9 USC Sec. 1 et seq. The Parties agree that the arbitrator should be knowledgeable about telecommunications issues. Such arbitration will be held in a mutually agreeable location. The Parties agree to use commercially reasonable efforts to begin the arbitration process within sixty (60) calendar days of the written demand for arbitration with The American Arbitration Association, with a copy provided to the other Party. The arbitration will be conducted in accordance with the provisions of The American Arbitration Association's Comprehensive Arbitration Rules and Procedures or such other rules as the Parties may agree that are in effect at the time of the filing of the demand for arbitration. The Parties shall file the arbitrator's decision with the Commission. Each Party will bear its own costs of these procedures, including attorneys' fees. The arbitrator's award shall be final and binding and may be entered in any court having jurisdiction thereof. In an action to enforce a decision of the Arbitrator, the prevailing Party shall be entitled to its reasonable attorneys' fees, expert fees, costs, and expenses without regard to the local rules of the district in which the suit is brought. Judgment upon the award rendered by the arbitrator may be entered in any court having jurisdiction.

12.3.3.3 Notwithstanding any rule of the AAA Commercial Arbitration Rules to the contrary, the Parties agree that the arbitrator shall have no power or authority to make awards or issue orders of any kind except as expressly permitted by this Agreement, and in no event shall the arbitrator have the authority to make any award that provides for punitive, or exemplary damages, consequential damages multiple

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.

13. AUDITS

- 13.1 Subject to restrictions regarding Proprietary Information set forth in this Agreement, a Party (Auditing Party) may audit the other Party's (Audited Party) books, records, data and other documents, as provided herein, two (2) times each Contract Year for the purpose of evaluating the accuracy of Audited Party's billing and invoicing. For purposes of this Section 13.1, "Contract Year" means a twelve (12) month period during the term of the Agreement commencing on the Effective Date and each anniversary thereof.
- 13.2 The scope of any audit under this Section shall be limited to the services provided and purchased by the Parties and the associated charges, books, records, data and other documents relating thereto for the period which is the shorter of (i) the period subsequent to the last day of the period covered by the audit which was last performed (or if no audit has been performed, the Effective Date) and (ii) the twelve (12) month period immediately preceding the date the Audited Party received notice of such requested audit. Any audit under this Section shall be for the purpose of evaluating (i) the accuracy of Audited Party's billing and invoicing of the services provided hereunder and (ii) verification of compliance with any provision of this Agreement that affects the accuracy of Auditing Party's billing and invoicing of the services provided to Audited Party hereunder. Except as otherwise agreed upon by the Parties, such audit shall begin no fewer than thirty (30) days after Audited Party receives a written notice requesting an audit and shall be completed no later than forty-five (45) calendar days after the start of such audit.
- 13.3 As mutually agreed upon by the Parties, such audit shall be conducted by one (1) or more independent auditor(s). The Parties shall select such auditor(s) by the thirtieth day following Audited Party's receipt of a written audit notice. The Auditing Party shall cause the independent auditor(s) to execute a nondisclosure agreement in a form consistent with the Confidentiality requirements set forth below. Notwithstanding the foregoing, an Auditing Party may audit as provided herein not more than two (2) times during any Contract Year with a non-auditing period not to exceed twelve months if (i) the previous audit found previously uncorrected net variances or errors in invoices in Audited Party's favor with an aggregate value of at least one and one-half percent (1 1/2%) of the amounts payable by Auditing Party for audited services provided during the period covered by the audit. or (ii) non-compliance by Audited Party with any provision of this Agreement affecting Auditing Party's billing and invoicing of the services provided to Audited Party with an aggregate value of at least five percent (5%) of the amounts payable by Audited Party for audited services provided during the period covered by the audit.
- 13.4 Each Party shall bear its own expenses in connection with the conduct of the audit. Each audit shall be conducted on the premises of Audited Party during normal business hours. Audited Party shall cooperate fully in any such audit, providing the auditor reasonable access to any and all appropriate Audited Party employees and books, records and other documents reasonably necessary to assess the accuracy of Audited Party's billing and invoicing. No Party shall have access to the data of the other Party, but shall rely upon summary results provided by the auditor. Audited Party may redact from the books, records and other documents provided to the auditor any confidential Audited Party information that reveals the identity of other Customers of Audited Party. Each Party shall maintain reports, records and data relevant to the billing of any services that are the

subject matter of this Agreement for a period of not less than twenty-four (24) months after creation thereof, unless a longer period is required by Applicable Law.

- 13.5 If any audit confirms any undercharge or overcharge, then Audited Party shall (i) for any overpayment promptly correct any billing error, including making refund of any overpayment by Auditing Party in the form of a credit on the invoice for the first full billing cycle after the Parties have agreed upon the accuracy of the audit results and (ii) for any undercharge caused by the actions of or failure to act by Audited Party, immediately compensate Auditing Party for such undercharge, in each case with interest at the lesser of (x) one and one-half (1 1/2%) percent per month and (y) the highest rate of interest (compounded daily) that may be charged under Applicable Law, for the number of days from the date on which such undercharge or overcharge originated until the date on which such credit is issued or payment is made and available, as the case may be. Notwithstanding the foregoing, MCIm shall not be liable for any Underbilled Charges for which Customer Usage Data was not furnished by AT&T ILLINOIS to MCIm within six (6) months of the date such usage was incurred.
- 13.6 Intentionally Omitted.
- 13.7 Any Disputes concerning audit results shall be referred to the Parties' designated representative(s) who have authority to settle the Dispute. If these individuals cannot resolve the Dispute within thirty (30) days of the referral, either Party may request in writing that one additional audit shall be conducted by an auditor acceptable to both Parties, subject to the requirements set out in this Audit Section. Such additional audit shall be at the requesting Party's expense. If the second audit fails to resolve the Dispute, the matter shall be resolved in accordance with the procedures set forth herein regarding Dispute Resolution.

14. DISCLAIMER OF REPRESENTATIONS AND WARRANTIES

- 14.1 EXCEPT AS EXPRESSLY PROVIDED UNDER THIS AGREEMENT, NO PARTY MAKES OR RECEIVES ANY WARRANTY, EXPRESS, IMPLIED OR STATUTORY, WITH RESPECT TO THE SERVICES, FUNCTIONS AND PRODUCTS IT PROVIDES 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.

15. LIMITATION OF LIABILITY

- 15.1 Liabilities of MCIm – MCIm's liability to AT&T ILLINOIS during any Contract Year resulting from any and all causes, other than as specified in Sections 27, 33, 15.3 and 16 of these general terms and conditions, shall not exceed the total of any amounts due and owing by MCIm to AT&T ILLINOIS under this Agreement during the Contract Year during which such cause accrues or arises. For purposes of this Section 15, "Contract Year" means a twelve (12) month period during the term of the Agreement commencing on the Effective Date and each anniversary thereof.
- 15.2 Liabilities of AT&T ILLINOIS – AT&T ILLINOIS' liability to MCIm during any Contract Year resulting from any and all causes, other than as specified in Sections 27, 33, 15.3 and 16 of these general terms and conditions, shall not exceed Twenty Five Million Dollars (\$25,000,000).
- 15.3 No Consequential Damages - Neither MCIm nor AT&T ILLINOIS shall 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 15 shall limit AT&T ILLINOIS' or MCIm's liability 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 AT&T ILLINOIS' or MCIm's negligent act or omission or that of their respective agents, subcontractors or employees, nor shall anything contained in this Section 15 limit the Parties' indemnification obligations, as specified in Section 16 of these general terms and conditions. For purposes of this Section 15, amounts due and owing to either Party pursuant to Appendix Performance Measures shall not be considered to be indirect, incidental, consequential, reliance, or special damages.

16. INDEMNITY

16.1 General Indemnity Rights. Each Party (the "Indemnifying Party") shall defend and indemnify the other Party, its officers, directors, employees and permitted assignees (collectively, the "Indemnified Party") and hold such Indemnified Party harmless against:

- (a) any loss to a third party arising out of the negligent acts or omissions, or willful misconduct ("Fault") by such Indemnifying Party or the Fault of its employees, agents and subcontractors in the performance of this Agreement or the failure of the Indemnifying Party to perform its obligations under this Agreement; provided, however, that: (1) with respect to employees or agents of the Indemnifying Party, such Fault occurs while performing within the scope of their employment, (2) with respect to subcontractors of the Indemnifying Party, such Fault occurs in the course of performing duties of the subcontractor under its subcontract with the Indemnifying Party, and (3) with respect to the Fault of employees or agents of such subcontractor, such Fault occurs while performing within the scope of their employment by the subcontractor with respect to such duties of the subcontractor under the subcontract;
- (b) any loss to a third party arising from such Indemnified Party's use of Interconnection, Resale Services, Network Elements, functions, facilities, products and services offered under this Agreement, involving pending or threatened claims, actions, proceedings or suits, claims for libel, slander or invasion of privacy arising from the Indemnifying Party's own acts, omissions or communications.

The foregoing includes any losses arising from disclosure, by the Indemnifying Party, in violation of Applicable Law, of any end user customer-specific information associated with either the originating or terminating numbers used to provision Interconnection, resale services, Network Elements provided on an unbundled basis, functions, facilities, products or services provided under this Agreement or disclosure otherwise committed by the Indemnifying Party or at the Indemnifying Party's direction;

- (c) any loss arising from claims for actual or alleged infringement of any Intellectual Property right of a third party to the extent that such Loss arises from an Indemnified Party's or an Indemnified Party's end user customer's use of a service provided under this Agreement; provided, however, that an Indemnifying

Party's obligation to defend and indemnify the Indemnified Party shall not apply in the case of: (i) (A) any use by an Indemnified Party of a service (or element thereof) in combination with elements, services or systems supplied by the Indemnified Party or persons other than the Indemnifying Party, or (B) where an Indemnified Party or its end user customer modifies or directs the Indemnifying Party to modify such service; and (ii) no infringement would have occurred without such combined use or modification;

- (d) any and all penalties imposed upon the Indemnifying Party's failure to comply with the Communications Assistance to Law Enforcement Act of 1994 ("CALEA") and, at the sole cost and expense of the Indemnifying Party, any amounts necessary to modify or replace any equipment, facilities or services provided to the Indemnified Party under this Agreement to ensure that such equipment, facilities and services fully comply with CALEA; and
- (e) any Loss arising from such Indemnifying Party's failure to comply with Applicable Law.

16.2 A Party (for purposes of this Section the "Reimbursing Party") shall reimburse the other Party (for purposes of this Section the "Reimbursed Party") for property damage to the Reimbursed Party's facilities to the extent such damage is caused by the acts or omissions of the Reimbursing Party, its agents, contractors or employees.

16.3 Indemnification Procedures. Whenever a claim, lawsuit or demand by a third party ("Claim") shall arise for indemnification, the relevant Indemnified Party, as appropriate, shall promptly notify the Indemnifying Party and request the Indemnifying Party to defend the same. Failure to so notify the Indemnifying Party shall 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 shall have the right to defend against such liability or assertion in which event the Indemnifying Party shall give written notice to the Indemnified Party of acceptance of the defense of such Claim and the identity of counsel selected by the Indemnifying Party. Until such time as Indemnifying Party provides such written notice of acceptance of the defense of such Claim, the Indemnified Party shall defend such Claim, at the expense of the Indemnifying Party, subject to any right of the Indemnifying Party, to seek reimbursement for the costs of such defense in the event that it is determined that Indemnifying Party had no obligation to indemnify the Indemnified Party for such Claim. The Indemnifying Party shall have exclusive right to control and conduct the defense and settlement of any such Claims subject to consultation with the Indemnified Party. The Indemnifying Party shall not be liable for any settlement by the Indemnified Party unless such Indemnifying Party has approved such settlement in advance and agrees to be bound by the agreement incorporating such settlement. At any time, an Indemnified Party shall have the right to refuse a compromise or settlement and, at such refusing Party's cost, to take over such defense; provided that in such event the Indemnifying Party shall not be responsible for, nor shall it be obligated to indemnify the relevant Indemnified Party 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 Indemnified Party shall 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 Indemnified Party and also shall be entitled to employ separate counsel for such defense at such Indemnified Party's expense. If the Indemnifying Party does not accept the defense of any indemnified Claim as provided above, the relevant Indemnified Party shall 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 and the relevant

records of each Party shall be available to the other Party with respect to any such defense, subject to the restrictions and limitations set forth in the provisions in this Agreement relating to confidential information.

17. REMEDIES

17.1 Intentionally Omitted.

17.2 Intentionally Omitted.

17.3 In addition to any other available rights or remedies, MCIm may sue in equity for specific performance. However, the Parties agree that AT&T ILLINOIS reserves its right to argue in any given case that specific performance is not an appropriate remedy.

18. INTELLECTUAL PROPERTY

18.1 The Parties acknowledge that this Agreement to Interconnect with AT&T ILLINOIS' network and to unbundle and/or combine AT&T ILLINOIS' Network Elements (including combining with MCIm's Network Elements) may be subject to patent, copyright, trade secret, or other applicable rights (Intellectual Property Rights) of third party vendors/licensors (Vendor/Licensors). To the extent required by the Act, Commission decisions, and any applicable judicial decisions and consistent with the FCC Memorandum Opinion and Order dated April 27, 2000 (and any appeal there from) in CC Docket No. 96-98 (File No. CCBPol 97-4), In the Matter of Petition of MCI for Declaratory Ruling, AT&T ILLINOIS will use its best efforts to provide MCIm with Intellectual Property Rights related to AT&T ILLINOIS' unbundled Network Elements as necessary to permit MCIm to use such unbundled Network Elements in the same manner as AT&T ILLINOIS.

18.2 AT&T ILLINOIS agrees to use its best efforts to (i) obtain, under commercially reasonable terms, the necessary rights set forth in Section 18.1 and (ii) obtain permission, if required, under any applicable confidentiality agreements, to disclose to MCIm the names of Vendor/Licensors, the subject intellectual property, and the relevant contract provisions (excluding cost terms) which govern use of the intellectual property. AT&T ILLINOIS will provide a list of all Vendor/Licensors applicable to the subject unbundled Network Element(s). AT&T ILLINOIS shall promptly notify MCIm of any Vendor/Licensors from which AT&T ILLINOIS is unable to obtain the necessary rights or contract information set forth in this Section 18.2. AT&T ILLINOIS shall, at MCIm's request, contact the Vendor/Licensor to attempt to obtain permission to reveal additional contract details to MCIm.

18.3 Intentionally Omitted.

18.4 The reasonable costs, if any, associated with the extension of Intellectual Property Rights pursuant to Section 18.1 above, including the cost of the license extension itself and the costs associated with the effort to obtain the extension, shall be a part of the cost of providing the unbundled network element to which the Intellectual Property Rights relate and reasonably apportioned, as ordered by the Commission, among AT&T ILLINOIS and requesting carriers using that unbundled network element.

18.5 AT&T ILLINOIS will indemnify MCIm for any claims of infringement arising from MCIm's use within the scope of this Agreement of third party Intellectual Property Rights associated with Network Elements for which AT&T ILLINOIS has obtained the necessary rights provided in Section 18.2(i).

- 18.6 Intentionally Omitted.
- 18.7 Except as set forth in Section 18.2, AT&T ILLINOIS hereby conveys no licenses to use such Intellectual Property Rights and makes no warranties, express or implied, concerning MCI's (or any Third Parties') rights with respect to such Intellectual Property Rights and contract rights, including whether such rights will be violated by such Interconnection or unbundling and/or combining of Network Elements (including combining with MCI's Network Elements) in AT&T ILLINOIS' network or MCI's use of other functions, facilities, products or services furnished under this Agreement. Except as provided in this Section 18.7, any licenses or warranties for Intellectual Property Rights associated with unbundled Network Elements are vendor licenses and warranties and are a part of the Intellectual Property Rights AT&T ILLINOIS agrees in Section 18.2 to use its best efforts to obtain.
- 18.8 Any intellectual property, which originates from or is developed by a Party, shall remain in the exclusive ownership of the Party.

19. NOTICES

- 19.1 Notices given by one Party to the other Party 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:
- 19.1.1 delivered personally;
- 19.1.2 delivered by express overnight delivery service;
- 19.1.3 mailed, via certified mail or first class U.S. Postal Service, with postage prepaid, and a return receipt requested; or
- 19.1.4 delivered by facsimile; provided that a paper copy is also sent by a method described above, and such method is noted on the facsimile.
- 19.2 Notices will be deemed given as of:
- 19.2.1 in the case of written notice, the date of actual receipt; or
- 19.2.2 in the case of facsimile, the date set forth on the confirmation produced by the receiving facsimile machine when received by facsimile prior to 5:00 p.m. in the recipient's time zone, but the next Business Day when received by facsimile at 5:00 p.m. or later in the recipient's time zone.
- 19.3 Notices will be addressed to the Parties as follows:

NOTICE CONTACT	MCI CONTACT	AT&T ILLINOIS CONTACT
NAME/TITLE	Chris T. Antoniou/V.P.	Contract Administration ATTN: Notices Manager
STREET ADDRESS	1320 N. Court House Road, 9th Floor	311 S. Akard, 9 th Floor Four Bell Plaza
CITY, STATE, ZIP CODE	Arlington, VA 22201- 2525	Dallas, TX 75202-5398
FACSIMILE NUMBER	703-351-3656	214-464-2006

Copy to: MCI
Manager, National Carrier Contracts & Initiatives
205 N. Michigan Avenue, 11th Floor
Chicago, IL 60601
Fax: (312) 470-5575

- 19.4 Either Party may unilaterally change its designated contact, address, telephone number and/or facsimile number for the receipt of notices by giving written notice to the other Party in compliance with this Section.
- 19.5 Other than legal notice under this Agreement, which shall be provided in accordance with Sections 19.1 – 19.4, AT&T ILLINOIS may also communicate official information to MCI via its CLEC Online 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.

20. PUBLICITY AND USE OF TRADEMARKS OR SERVICE MARKS

- 20.1 Neither Party nor its subcontractors or agents shall use in any advertising or sales promotion, press releases, or other publicity matters any endorsements, direct or indirect quotes, or pictures that imply endorsement by the other Party or any of its employees without such first Party's prior written approval. The Parties will submit to each other for written approval, prior to publication, all publicity matters that mention or display one another's name and/or marks or contain language from which a connection to said name and/or marks may be inferred or implied; the Party to whom a request is directed shall respond promptly. Nothing herein, however, shall be construed as preventing either Party from publicly stating the fact that it has executed this Agreement with the other Party.
- 20.2 Nothing in this Agreement shall grant, suggest, or imply any authority for one Party to use the name, trademarks, service marks, logos, proprietary trade dress or trade names of the other Party in any advertising, press releases, publicity matters, marketing and/or promotional materials or for any other commercial purpose without prior written approval from such other Party.

21. INTENTIONALLY OMITTED

22. CONFIDENTIALITY

- 22.1 For the purposes of this Agreement, "Confidential Information" means confidential or proprietary technical or business Information given by one Party (the "Discloser") to the other Party (the "Recipient") that: 1) the Recipient either has reason to know based upon the facts surrounding the disclosure of the information and/or the nature of the information itself that the Discloser safeguards by exercising at least a reasonable standard of care to protect as confidential information, or that the Recipient is presumed to know that the Discloser believes is confidential because it falls within one or more types of information described herein. All information which is of the following types disclosed by one Party to the other in connection with this Agreement shall automatically be deemed Confidential Information subject to this Agreement. Confidential Information shall be of the following types: all information, including specifications, microfilm, photocopies, magnetic disks, magnetic tapes, audit information, models, system interfaces, forecasts, computer programs, software, documentation, drawings, sketches, models, samples, tools, technical

information, data, employee records, maps, financial reports, and market data shall be deemed "Confidential" if :

22.1.1 Furnished or made available or otherwise disclosed by the Discloser or its agent, employee, representative or Affiliate to the Recipient or its agent, employee, representative or Affiliate dealing with End User-specific, facility-specific, or usage-specific information, other than End User information communicated for the purpose of publication, directory, or other database inclusion, 911, call processing, billing or settlement or for such other purposes as mutually agreed upon; all orders for Network Elements, Ancillary Functions, Combinations, Local Services or other services placed by MCIm or AT&T ILLINOIS pursuant to this Agreement, and information that would constitute Customer Proprietary Network Information of MCIm or AT&T ILLINOIS customers pursuant to the Act and the rules and regulations of the FCC, and recorded usage data, whether disclosed by MCIm to AT&T ILLINOIS or AT&T ILLINOIS to MCIm or otherwise acquired by AT&T ILLINOIS or MCIm in the course of the performance of this Agreement, shall be deemed Confidential Information of MCIm or AT&T ILLINOIS, as the case may be, for all purposes under this Agreement.

22.2 For a period of ten years from the receipt of Confidential Information from the Discloser, except as otherwise specified in this Agreement, the Recipient agrees

- i. to use it only for the purpose of performing under this Agreement,
- ii. to hold it in confidence and disclose it to no one other than its employees, contractors, agents or Affiliates having a need to know for the purpose of performing under this Agreement, and
- iii. to safeguard it from unauthorized use or disclosure with 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 consultant, such disclosure must be mutually agreed to in advance and in writing by the Parties to this Agreement, and the consultant must have executed a written agreement of non-disclosure and non-use comparable in scope to the terms of this Section.

22.3 The Recipient may make copies of Confidential Information only as reasonably necessary to perform its obligations under this Agreement. All such copies shall bear the same copyright and Confidential rights notices as are contained on the original.

22.4 Return of Confidential Information

22.4.1 All Confidential Information shall remain the property of the Disclosing Party, and all documents or other tangible media delivered to the Receiving Party that conspicuously embody such Confidential Information shall be, at the option of the Disclosing Party, either promptly returned to Disclosing Party or destroyed, except as otherwise may be required from time to time by Applicable Law (in which case the use and disclosure of such Confidential Information will continue to be subject to this Agreement), upon the earlier of (i) the date on which the Receiving Party's need for it has expired and (ii) the expiration or termination of this Agreement.

22.5 Unless otherwise agreed, the obligations of confidentiality and non-use set forth in this Agreement do not apply to such Confidential Information that:

- 22.5.1 Was at the time of receipt, already known to the Receiving Party, free of any obligation to keep confidential and evidenced by written records prepared prior to delivery by the Disclosing Party; or
 - 22.5.2 Is, or becomes publicly known through no wrongful act of the Receiving Party; or
 - 22.5.3 Is rightfully received from a Third Party having no direct or indirect secrecy or confidentiality obligation to the Disclosing Party with respect to such information; provided that such Receiving Party has exercised commercially reasonable efforts to determine whether such Third Party has any such obligation; or
 - 22.5.4 Is independently developed by an agent, employee representative or Affiliate of the Receiving Party and such Party is not involved in any manner with the provision of services pursuant to this Agreement and does not have any direct or indirect access to the Confidential Information; or
 - 22.5.5 Is disclosed to a Third Party by the Disclosing Party without similar restrictions on such Third Party's rights; or
 - 22.5.6 Is approved for release by written authorization of the Disclosing Party, but only to the extent of the authorization granted; or
 - 22.5.7 Is required to be made public or disclosed by the Receiving Party pursuant to Applicable Law or regulation, provided that such production or disclosure shall have been made in accordance with the requirements of this Agreement.
- 22.6 Proposed Disclosure of Confidential Information to a Governmental Authority
- 22.6.1 If a Receiving Party desires to disclose or provide to the Commission, the FCC or any other governmental authority any Confidential Information of the Disclosing Party, such Receiving Party shall, prior to and as a condition of such disclosure, (i) provide the Disclosing Party with written notice and the form of such proposed disclosure as soon as possible but in any event early enough to allow the Disclosing Party to protect its interests in the Confidential Information to be disclosed and (ii) attempt to obtain in accordance with the applicable procedures of the intended recipient of such Confidential Information an appropriate order for protective relief or other reliable assurance that confidential treatment shall be accorded to such Confidential Information.
 - 22.6.2 If a Receiving Party is required by any Governmental Authority or by Applicable Law to disclose any Confidential Information, then such Receiving Party shall provide the Disclosing Party with written notice of such requirement as soon as possible, and in no event later than five (5) calendar days after receipt of such requirement, and prior to such disclosure. Upon receipt of written notice of the requirement to disclose Confidential Information, the Disclosing Party at its expense, may then either seek appropriate protective relief in advance of such requirement to prevent all or part of such disclosure or waive the Receiving Party's compliance with this Section 22 with respect to all or part of such requirement.
 - 22.6.3 The Receiving Party shall use all commercially reasonable efforts to cooperate with the Disclosing Party in attempting to obtain any protective relief which such Disclosing Party chooses to seek pursuant to this Section 22. In the absence of such relief, if the Receiving Party is legally compelled to disclose any Confidential Information, then the Receiving Party shall exercise all commercially reasonable

efforts to preserve the confidentiality of the Confidential information, including cooperating with the Disclosing Party, at the Disclosing Party's expense, to obtain an appropriate order for protective relief or other reliable assurance that confidential treatment will be accorded the Confidential Information.

22.6.4 Notwithstanding any of the foregoing, AT&T ILLINOIS shall be entitled to disclose Confidential Information on a confidential basis to regulatory agencies upon request for information as to AT&T ILLINOIS' activities under the Act and AT&T ILLINOIS need not provide prior written notice of such disclosure to MCIm if AT&T ILLINOIS has obtained an appropriate order for protective relief or other reliable assurance that confidential treatment shall be accorded to such Confidential Information.

22.7 Customer Proprietary Network Information ("CPNI")

22.7.1 CPNI related to MCIm's subscribers obtained by virtue of Interconnection or any other service provided under this Agreement shall be MCIm's proprietary information and may not be used by AT&T ILLINOIS for any purpose except performance of its obligations under this Agreement or as otherwise permitted by law, and in connection with such performance, shall be disclosed only to AT&T ILLINOIS' employees, contractors, agents or Affiliates with a need to know, unless the MCIm subscriber expressly directs MCIm to disclose, or approves the disclosure of, such information to AT&T ILLINOIS pursuant to the requirements of Section 222(c)(1) or (2) of the Act. If AT&T ILLINOIS seeks and obtains approval to use or disclose such CPNI from MCIm's subscribers, such approval shall be obtained only in compliance with Section 222(c)(1) or (2) and, in the event such authorization is obtained, AT&T ILLINOIS may use or disclose only such information as MCIm provides pursuant to such authorization and may not use information that AT&T ILLINOIS has otherwise obtained, directly or indirectly, in connection with its performance under this Agreement except as permitted by law. CPNI related to AT&T ILLINOIS' subscribers obtained by virtue of Interconnection or any other service provided under this Agreement shall be AT&T ILLINOIS' proprietary information and may not be used by MCIm for any purpose except performance of its obligations under this Agreement or as otherwise permitted by law, and in connection with such performance shall be disclosed only to MCIm's employees, contractors, agents or Affiliates with a need to know, unless the AT&T ILLINOIS subscriber expressly directs AT&T ILLINOIS to disclose, or approves the disclosure of, such information to MCIm pursuant to the requirements of Section 222(c)(1) or (2). If MCIm seeks and obtains approval to use or disclose such CPNI from AT&T ILLINOIS' subscribers, such approval shall be obtained only in compliance with Section 222(c)(1) or (2) and, in the event such authorization is obtained, MCIm may use or disclose only such information as AT&T ILLINOIS provides pursuant to such authorization and may not use information that MCIm has otherwise obtained, directly or indirectly, in connection with its performance under this Agreement except as permitted by law.

22.8 Each Party's obligations to safeguard Confidential Information disclosed prior to expiration or termination of this Agreement shall survive such expiration or termination. It is the responsibility of each Party to ensure at no additional cost to the other Party that it has obtained any necessary licenses in relation to intellectual property of third parties used in its network that may be required to enable the other Party to use any facilities or equipment (including software), to receive any service, or to perform its respective obligations under this Agreement. Notwithstanding the immediately preceding sentence,

neither Party's obligations under such sentence shall exceed those required by law, regulation or regulatory or judicial decision.

- i. Any intellectual property, which originates from or is developed by a Party, shall remain in the exclusive ownership of that Party.
- ii. Except as provided hereunder, or 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. This provision shall not require either Party to grant a license in violation of any law. Nothing in this paragraph shall relieve the Parties of their obligations and responsibilities set forth in Section 18.

22.9 The Parties agree that an impending or existing violation of any provision of this Section 22 would cause the Disclosing Party irreparable injury for which it would have no adequate remedy at law, and agree that Disclosing Party shall be entitled to obtain immediate injunctive relief prohibiting such violation, in addition to any other rights and remedies available to it at law or in equity, including both specific performance and monetary damages.

22.10 Nothing in this Section 20 or anywhere else in this Agreement shall prevent AT&T ILLINOIS from using recorded usage data for the limited purposes of designing and/or maintaining AT&T ILLINOIS' telecommunications network and/or ensuring that AT&T ILLINOIS' telecommunications network performs properly in providing its intended telecommunications functions and services. AT&T ILLINOIS shall not use recorded usage data for any other purpose except as mutually agreed upon.

23. INTERVENING LAW

23.1 In the event any legislative or administrative body of competent jurisdiction (including the FCC and the Commission) or any court of competent jurisdiction promulgates legally effective statutes, rules, regulations or orders which materially affect any provision of this Agreement or either Party's obligations under Applicable Law, then the Parties, upon the written request of either Party, shall negotiate promptly and in good faith in order to amend the Agreement in accordance with such statutes, rules, regulations or orders. In the event the Parties cannot agree on an amendment within sixty (60) days after the date of a written request to negotiate, then the Parties shall resolve their dispute under the applicable procedures set forth in Section 12 (Dispute Escalation and Resolution). Anything to the contrary in this Agreement notwithstanding, the Parties shall continue to comply with all obligations set forth in this Agreement during the pendency of any negotiations or dispute resolution pursuant to this Section 23.

23.2 The Parties agree that amendments to the rates and prices contained in this Agreement shall be subject to the requirements set forth in Sections 1.5 and 1.6 of Appendix Pricing.

23.3 Except as specifically set forth in this Agreement, the Parties do not waive their rights to pursue legal challenges or appeals of the statutes, rules, regulations and orders that form the basis for the provisions of this Agreement.

23.4 As provided in Section 45 of these general terms and conditions, any amendments to this Agreement must be in writing and signed by both Parties.

24. GOVERNING LAW

- 24.1 Unless otherwise provided by Applicable Law, This Agreement shall be governed by and construed in accordance with the Act and the FCC's Rules and Regulations, Commission Rules and Regulations, interpreting the Act and other applicable federal law. To the extent that federal law would apply state law in interpreting this Agreement, the domestic laws of the State of ILLINOIS shall govern, without regard to its conflicts of laws principles.

25. REGULATORY APPROVAL

- 25.1 The Parties understand and agree that this Agreement and any amendment or modification hereto will be filed with the Commission for approval in accordance with Section 252 of the Act and may thereafter be filed with the FCC. If any governmental authority or agency rejects any provision of this Agreement, the Parties will negotiate promptly and in good faith, in accordance with the requirements of Section 23, the revisions which may reasonably be required to achieve approval. The Parties intend that any additional services requested by either Party relating to the subject matter of this Agreement will be incorporated into this Agreement by amendment. Each amendment will be effective between the Parties on the date specified in the amendment. Each Party covenants and agrees to fully support approval of this Agreement by the Commission or the FCC under Section 252 of the Act without modification.

26. CHANGES IN END USER LOCAL EXCHANGE SERVICE PROVIDER SELECTION

- 26.1 Each Party will abide by applicable federal and state laws and regulations in obtaining end user customer authorization prior to changing an end user customer's Local Exchange Carrier to itself and in assuming responsibility for any applicable charges as specified in Applicable Law, including but not limited to the FCC's rules regarding Subscriber Carrier Selection Changes (47 CFR 64.1100 et. seq.). Each Party shall deliver to the other Party a representation of authorization that applies to all orders submitted by a Party under this Agreement requiring a change in an end user customer's local service provider. A Party's representation of authorization shall be delivered to the other Party prior to the first order submitted to the other Party. In accordance with Applicable Law, each Party shall retain on file all applicable letters and other documentation of authorization relating to its end user customer's selection of such Party as its LEC.
- 26.2 Unless otherwise allowed by Applicable Law, only an end user customer can initiate a challenge to a change in its LEC. If an end user customer notifies one Party that the end user customer requests local exchange service, and the other Party is such end user customer's LEC, then the Party receiving such request shall be free to immediately access such end user customer's CPNI subject to the requirements of Appendix OSS of this Agreement restricting access to CPNI.
- 26.3 The terms and conditions for the release of end user specific facilities shall be set forth in Appendix UNE of this Agreement.

27. COMPLIANCE AND CERTIFICATION

- 27.1 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.

- 27.2 Each Party will be responsible for obtaining all necessary state certification.
- 27.3 Each Party shall be responsible for obtaining and keeping in effect all approvals necessary to perform its obligations under this Agreement
- 27.4 Each Party will be responsible for ensuring that any equipment, facilities or services provided to the other Party under this Agreement comply with CALEA.

28. LAW ENFORCEMENT

The Parties shall handle law enforcement requests in accordance with the requirements of this Section 28.

28.1 Intercept Devices:

Local and federal law enforcement agencies periodically request information or assistance from local telephone service providers. When either Party receives a request associated with an end user customer of the other Party, it shall refer such request to the Party that serves such end user customer, unless the request directs the receiving Party to attach a pen register, trap-and-trace or form of intercept on the Party's facilities, in which case that Party shall comply with any valid request.

28.2 Subpoenas:

If a Party receives a subpoena for information concerning an end user customer the Party knows to be an end user customer of the other Party, it shall refer the subpoena to the requesting party with an indication that the other Party is the responsible company, unless the subpoena requests records for a period of time during which the Party was the end user's service provider, in which case the Party will respond to any valid request.

28.3 Emergencies:

If a Party receives a request from a law enforcement agency for temporary number change, temporary disconnect, or one-way denial of outbound calls for an end user customer of the other Party by the receiving Party's switch, that Party will comply with a valid emergency request. However, neither Party shall be held liable for any claims or damages arising from compliance with such requests on behalf of the other Party's end user customer and the Party serving such end user customer agrees to indemnify and hold the other Party harmless against any and all such claims.

29. RELATIONSHIP OF THE PARTIES/INDEPENDENT CONTRACTOR

- 29.1 Each Party is an independent contractor and has and hereby retains the right, subject to Section 32 of these General Terms and Conditions (Delegation to Affiliate and Subcontracting), 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 and each Party's contractor(s) shall be solely responsible for all matters relating to payment of such employees, including the withholding or payment of all applicable federal, state and local income taxes, social security taxes and other payroll taxes with respect to its employees, as well as any taxes, contributions or other obligations imposed by applicable state unemployment or workers' compensation acts and all other regulations governing such matters. Each Party has sole authority and responsibility to hire, fire and otherwise control its employees.

- 29.2 Nothing contained herein shall constitute the Parties as joint ventures, partners, employees or agents of one another, and neither Party shall have the right or power to bind or obligate the other.
- 29.3 Nothing herein will be construed as making either Party responsible or liable for the obligations and undertakings of the other Party. Except for provisions herein expressly authorizing a Party to act for another, nothing in this Agreement shall constitute a Party as a legal representative or agent of the other Party, nor shall a Party have the right or authority to assume, create or incur any liability or any obligation of any kind, express or implied, against or in the name or on behalf of the other Party unless otherwise expressly permitted by such other Party. Except as otherwise expressly provided in this Agreement, no Party undertakes to perform any obligation of the other Party, whether regulatory or contractual, or to assume any responsibility for the management of the other Party's business.

30. NO THIRD PARTY BENEFICIARIES; DISCLAIMER OF AGENCY

This Agreement is for the sole benefit of the Parties and their permitted assigns, and nothing herein expressed or implied shall create or be construed to create any Third Party beneficiary rights hereunder. This Agreement shall not provide any Person not a party hereto with any remedy, claim, liability, reimbursement, cause of action, or other right in excess of those existing without reference hereto.

31. ASSIGNMENT

- 31.1 Any assignment or delegation by either Party to any non-Affiliate entity of any right, obligation or duty, or of any other interest under this Agreement, in whole or in part, without the prior written consent of the other Party will be void. A Party assigning or delegating this Agreement or any right, obligation, duty or other interest under this Agreement to an Affiliate shall provide sixty (60) calendar days' prior written notice to the other Party. All obligations and duties of any Party under this Agreement will be binding on all successors in interest and assigns of that Party. No assignment or delegation of this Agreement (in whole or part) will relieve the assignor of its obligations under this Agreement.
- 31.2 Intentionally Omitted.
- 31.3 If during the term, AT&T ILLINOIS sells, assigns or otherwise transfers any ILEC Territory or ILEC Assets to a person other than an Affiliate or subsidiary, AT&T ILLINOIS shall provide MCIm not less than one hundred eighty (180) calendar days prior written notice of such sale, assignment or transfer. Upon the consummation of such sale, assignment or transfer, MCIm acknowledges that AT&T ILLINOIS shall have no further obligations under this Agreement with respect to the ILEC Territories and/or ILEC Assets subject to such sale, assignment or transfer, and that MCIm must establish its own Section 251 and 252 arrangement with the successor to such ILEC Territory and/or ILEC Assets, provided, however, that insofar as such sale, assignment or transfer affects MCIm's interests pursuant to this Agreement AT&T ILLINOIS shall (i) comply with the requirements of Applicable Law and (ii) work cooperatively with MCIm and the third party acquiring the ILEC Territory or ILEC Assets regarding the potential assignment of this Agreement (in whole or in part) to such third party. For purposes of this Section 31.3, "ILEC Territory" is defined as any specific operating areas, or portion thereof, in which AT&T ILLINOIS is deemed to be the ILEC under the Act and "ILEC Assets" is defined as assets that AT&T ILLINOIS owns or leases which are used in connection with AT&T ILLINOIS' provision to

MCIm of any Interconnection, resale services, unbundled Network Elements, functions, facilities, products or services provided or contemplated under this Agreement.

32. DELEGATION TO AFFILIATE AND SUBCONTRACTING

- 32.1 Each Party may without the consent of the other Party fulfill its obligations under this Agreement by itself or may cause its Affiliate(s) or a third party to take some or all of such actions to fulfill such obligations. In the event of any delegation to an Affiliate or a third party pursuant to this Section 32, the delegating Party shall remain fully liable for the performance of this Agreement in accordance with its terms. Any Party, which elects to perform its obligations through an Affiliate or third party, shall cause its Affiliate or any third party to take all action necessary for the performance of such Party's obligations hereunder. Each Party represents and warrants that if an obligation under this Agreement is to be performed by an Affiliate or third party, such Party has the authority to cause such Affiliate or third party to perform such obligation and such Affiliate or third party will have the resources required to accomplish the delegated performance. No contract, subcontract or other agreement entered into by either Party with any third party in connection with the provision of local services or unbundled Network Elements hereunder shall provide for any indemnity, guarantee, 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 shall be deemed a third party beneficiary for any purposes under this Agreement.
- 32.2 Any subcontractor that gains access to Customer Proprietary Network Information ("CPNI") or Proprietary Information covered by this Agreement shall be required by the subcontracting Party to protect such CPNI or Proprietary Information to the same extent the subcontracting Party is required to protect such CPNI or Proprietary Information under the terms of this Agreement.

33. RESPONSIBILITY FOR ENVIRONMENTAL CONTAMINATION

- 33.1 Each Party will be solely responsible at its own expense for the proper handling, storage, transport, treatment, transport disposal, or any other management by or any person acting on its behalf of all Hazardous Substances and Environmental Hazards introduced to the affected work location and will perform such activities in accordance with Applicable Law.
- 33.2 Notwithstanding anything to the contrary in this Agreement and to the fullest extent permitted by Applicable Law, AT&T ILLINOIS shall, at MCIm's request, indemnify, defend, and hold harmless MCIm, each of its officers, directors and employees from and against any losses, damages, costs, fines, penalties and expenses (including reasonable attorneys and consultant's fees) of every kind and nature to the extent they are incurred by any of those parties in connection with a claim, demand, suit, or proceeding for damages, penalties, contribution, injunction, or any other kind of relief that is based upon, arises out of, is caused by, or results from: (i) the removal or disposal from the work location of a Hazardous Substance by AT&T ILLINOIS or any person acting on behalf of AT&T ILLINOIS, or the subsequent storage, processing, or other handling of such Hazardous Substances after they have been removed from the work location, (ii) the Release of a Hazardous Substance, regardless of its source, by AT&T ILLINOIS or any person acting on behalf of AT&T ILLINOIS, or (iii) the presence at the work location of an Environmental Hazard for which AT&T ILLINOIS is responsible under Applicable Law or a Hazardous Substance introduced into the work location by AT&T ILLINOIS or any person acting on behalf of AT&T ILLINOIS.

- 33.3 Notwithstanding anything to the contrary in this Agreement and to the fullest extent permitted by Applicable Law, MCIm shall, at MCIm's request, indemnify, defend, and hold harmless MCIm, each of its officers, directors and employees from and against any losses, damages, costs, fines, penalties and expenses (including reasonable attorneys and consultant's fees) of every kind and nature to the extent they are incurred by any of those parties in connection with a claim, demand, suit, or proceeding for damages, penalties, contribution, injunction, or any other kind of relief that is based upon, arises out of, is caused by, or results from: (i) the removal or disposal from the work location of a Hazardous Substance by AT&T ILLINOIS or any person acting on behalf of AT&T ILLINOIS, or the subsequent storage, processing, or other handling of such Hazardous Substances after they have been removed from the work location, (ii) the Release of a Hazardous Substance, regardless of its source, by AT&T ILLINOIS or any person acting on behalf of AT&T ILLINOIS, or (iii) the presence at the work location of an Environmental Hazard for which AT&T ILLINOIS is responsible under Applicable Law or a Hazardous Substance introduced into the work location by AT&T ILLINOIS or any person acting on behalf of AT&T ILLINOIS.
- 33.4 For the purposes of this agreement, "Hazardous Substances" means i) any material or substance that is defined or classified as a hazardous substance, hazardous waste, hazardous material, hazardous chemical, pollutant, or contaminant under any federal, state, or local environmental statute, rule, regulation, ordinance or other Applicable Law dealing with the protection of human health or the environment, ii) petroleum, oil, gasoline, natural gas, fuel oil, motor oil, waste oil, diesel fuel, jet fuel, and other petroleum hydrocarbons, or iii) asbestos and asbestos containing material in any form, and iv) any soil, groundwater, air, or other media contaminated with any of the materials or substances described above.
- 33.5 For the purposes of this agreement, "Environmental Hazard" means 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) asbestos containing materials, or iii) any potential hazard that would not be obvious to an individual entering the work location or detectable using work practices standard in the industry.
- 33.6 For the purposes of this agreement, "Release" means any spilling, leaking, pumping, pouring, emitting, emptying, discharging, injecting, escaping, leaching, dumping, disposal, or other movement into i) the work location, or ii) other environmental media, including but not limited to, the air, ground or surface water, or soil.

34. FORCE MAJEURE

Neither Party shall be responsible for delays or failures in performance of any part of this Agreement (other than an obligation to make money payments) resulting from acts or occurrences beyond the reasonable control of such Party, including acts of nature, acts of civil or military authority, any law, order, regulation, ordinance of any Governmental Authority, embargoes, epidemics, terrorist acts, riots, insurrections, fires, explosions, earthquakes, nuclear accidents, hurricanes, floods, work stoppages, equipment failures, cable cuts, power blackouts, volcanic action, other major environmental disturbances, unusually severe weather conditions, inability to secure products or services of other persons or transportation facilities or acts or omissions of transportation carriers (individually or collectively, a "Force Majeure Event") or any other circumstances beyond the Party's reasonable control. If a Force Majeure Event shall occur, the Party affected shall give prompt notice to the other Party of such Force Majeure Event specifying the nature, date of inception and expected duration of such Force Majeure Event, whereupon such obligation or performance shall be suspended to the extent such Party is affected by such

Force Majeure Event during the continuance thereof or, if appropriate, be excused from performance depending on the nature, severity and duration of such Force Majeure Event (and the other Party shall likewise be excused from performance of its obligations to the extent such Party's obligations relate to the performance so interfered with). The affected Party shall use its reasonable efforts to avoid or remove the cause of nonperformance and the Parties shall give like notice and proceed to perform with dispatch once the causes are removed or cease.

35. TAXES

- 35.1 Each Party purchasing Interconnection, Resale Services, unbundled Network Elements, Functions, Facilities, products and services under this Agreement shall pay or otherwise be responsible for all applicable 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, unbundled 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, Taxes shall be billed as a separate item on the invoice.
- 35.2 With respect to any purchase of Interconnection, Resale Services, Unbundled Network Elements, functions, facilities products or services under this Agreement if any Tax is required 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 be required to pay all such taxes to the providing Party and (iii) the providing Party shall remit such collected Tax to the applicable taxing authority. Failure to include Taxes on an invoice or to state a Tax separately shall not impair the obligation of the purchasing Party to pay any Tax. Nothing shall prevent the providing Party from paying any Tax to the appropriate taxing authority prior to the time: (i) it bills the purchasing Party for such Tax, or (ii) it collects the Tax from the purchasing Party. Notwithstanding anything in this Agreement to the contrary, the purchasing Party shall be liable for and the providing Party may collect Taxes which were assessed by or paid to an appropriate taxing authority within the statute of limitations period but not included on an invoice within four (4) years after the Tax otherwise was owed or due.
- 35.3 With respect to any purchase hereunder of Interconnection, Resale Services, Unbundled Network Elements, functions, facilities, products or 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.
- 35.4 Intentionally Omitted.
- 35.5 Intentionally Omitted.
- 35.6 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; 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.

- 35.7 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
- 35.8 If either Party is audited by a taxing authority or other Governmental Authority, 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.
- 35.9 To the extent a sale is claimed to be for resale and thus subject to 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, Unbundled 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.
- 35.10 With respect to any Tax or Tax controversy covered by this Section 35, either Party is entitled to contest with the imposing jurisdiction, pursuant to Applicable Law and at its own expense, any Tax that it is ultimately obligated to pay or collect, or to seek refund of Taxes that it has previously paid. The Parties will cooperate in any such contest. The Purchasing Party will ensure that no lien is attached to any asset of the other 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.
- 35.11 All notices, affidavits, exemption certificates or other communications required or permitted to be given by either Party to the other under this Section 35 shall be sent in accordance with Section 19, Notices, hereof.

36. NON-WAIVER

No waiver of any provision of this Agreement and no consent to any default under this Agreement shall be effective unless the same is in writing and properly executed by or on behalf of the Party against whom such 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. Failure of either Party to insist on

performance of any term or condition of this Agreement or to exercise any right or privilege hereunder shall not be construed as a continuing or future waiver of such term, condition, right or privilege. No course of dealing or failure of any Party to strictly enforce any term, right, or condition of this Agreement in any instance shall be construed as a general waiver or relinquishment of such term, right or condition.

37. INTENTIONALLY OMITTED

38. INTENTIONALLY OMITTED

39. INTENTIONALLY OMITTED

40. CUSTOMER INQUIRIES

40.1 Each Party will refer all questions regarding the other Party's services or products directly to the other Party at a telephone number specified by that Party.

40.2 Each Party will ensure that all of its representatives who receive inquiries regarding the other Party's services:

40.2.1 Provide the number described in Section 40.1 to callers who inquire about the other Party's services or products; and

40.2.2 Do not in any way disparage or discriminate against the other Party or its products or services.

40.3 Except as otherwise provided in this Agreement, MCIm shall be the primary point of contact for MCIm's end user customers with respect to the services MCIm provides such end user customers.

40.4 Customer Contact. MCIm will provide the exclusive interface to MCIm end user customers concerning service provided by MCIm, except as MCIm may otherwise specify. When MCIm requires AT&T ILLINOIS personnel or systems to interface with MCIm end user customers, the AT&T ILLINOIS personnel shall identify themselves as representing MCIm, or any brand as MCIm may specify, and shall not identify themselves as representing AT&T ILLINOIS or any other entity.

41. EXPENSES

41.1 Except as expressly set forth in this Agreement, each Party will be solely responsible for its own expenses involved in all activities related to the matters covered by this Agreement.

42. CONFLICT OF INTEREST

42.1 The Parties represent that no employee or agent of either Party has been paid a fee, or otherwise received any compensation or consideration from the other Party, in connection with the negotiation of this Agreement or any associated documents.

43. SURVIVAL

43.1 The Parties' obligations under this Agreement which by their nature are intended to continue beyond the termination or expiration of this Agreement (or to be performed after) shall survive the termination or expiration of this Agreement. 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 continue beyond the termination or expiration of this Agreement: Indemnification, Confidential Information, Limitation of Liability, Deposits, Non-payment and Disconnection, Dispute Resolution and any liability or obligations of a Party for acts or omissions prior to the expiration or termination of this Agreement.

44. INTENTIONALLY OMITTED

45. AMENDMENTS AND MODIFICATIONS

45.1 No provision of this Agreement shall be deemed amended or modified by either Party unless such an amendment or modification is in writing, dated, and signed by an authorized representative of both Parties. The rates, terms and conditions contained in the amendment shall become effective upon approval of such amendment by the Commission and such amendment will not require refunds, true-up or retroactive crediting or debiting prior to the approval of the Amendment unless agreed to by the Parties or specifically ordered by the Commission.

45.2 Neither Party shall be bound by any preprinted terms additional to or different from those in this Agreement that may appear subsequently in the other Party's form documents, purchase orders, quotations, acknowledgments, invoices or other communications.

46. INTENTIONALLY OMITTED

47. INTENTIONALLY OMITTED

48. AUTHORITY

48.1 AT&T ILLINOIS represents and warrants that it is an ILLINOIS Limited Partnership duly organized, validly existing and in good standing under the laws of the state of ILLINOIS. AT&T ILLINOIS represents and warrants that AT&T Telecommunications, Inc. has full power and authority to execute and deliver this Agreement as agent for AT&T ILLINOIS. AT&T ILLINOIS represents and warrants that it has full power and authority to perform its obligations hereunder.

48.2 MCIm represents that it is a corporation duly organized, validly existing and in good standing under the laws of the State of Delaware and has full power and authority to execute and deliver this Agreement and to perform its obligations hereunder. MCIm represents that it is certified as a LEC by the Commission prior to submitting any orders hereunder and is authorized to provide the Telecommunications Services contemplated hereunder in the territory contemplated hereunder prior to submission of orders for such service.

49. COUNTERPARTS

49.1 This Agreement may be executed in counterparts. Each counterpart shall be considered an original and such counterparts shall together constitute one and the same instrument.

50. ENTIRE AGREEMENT

50.1 The terms contained in this Agreement and all Appendices, Attachments, Exhibits, Schedules, and Addenda constitute the entire agreement between the Parties with

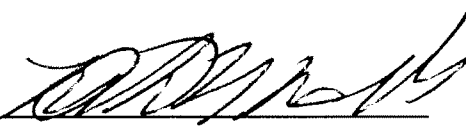
respect to the subject matter hereof, superseding all prior understandings, proposals and other communications, oral or written.

51. PURCHASING FROM TARIFFS

- 51.1 Except as may be provided in Appendix Pricing, the Parties agree that the rates, terms and conditions of this Agreement will not be superceded by the rates, terms and conditions of any tariff AT&T may file, absent Commission order to the contrary. The Parties agree that MCIm is not precluded from ordering products and services available under any effective AT&T tariff or any tariff that AT&T may file in the future provided that MCIm satisfies all conditions contained in such tariff and provided that the products and services are not already available under this Agreement. (In which case MCIm may incorporate such products and services including legitimately related rates, terms and conditions by amendment into this Agreement). If MCIm chooses to order products or services under an AT&T ILLINOIS tariff, it is bound by all applicable terms and conditions of the tariff and shall not seek to apply terms and conditions of this Agreement to the items it orders from the tariff. MCIm is not precluded from amending the agreement to incorporate by reference individual and independent rates, terms and conditions available to other carriers through Agreement or tariff, even when such products or services are already available under this Agreement, provided such incorporation by reference must include material terms and conditions that are applicable and legitimately related to the requested product or services.

52. INTENTIONALLY OMITTED

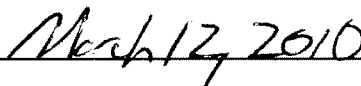
**MCImetro Access Transmission Services
LLC**

Signature: 

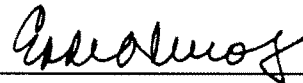
Name: **Peter H. Reynolds**

(Print or Type)

Title: 
(Print or Type)

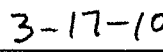
Date: 

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

Signature: 

Name: Eddie A. Reed, Jr.

Title: Director – Interconnection Agreements

Date: 

GENERAL DEFINITIONS

GENERAL DEFINITIONS

For purposes of this Agreement, certain terms have been defined in this Appendix and elsewhere in this Agreement to encompass meanings that may differ from, or be in addition to, the normal connotation of the defined word. Unless the context clearly indicates otherwise, any term defined or used in the singular shall include the plural. The words “**shall**” and “**will**” are used interchangeably throughout this Agreement and the use of either connotes a mandatory requirement. The use of one or the other shall 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. Other terms that are capitalized, and not defined in this Agreement, shall have the meaning set forth in the Act, unless the context clearly indicates otherwise. The definitions contained in this Appendix are meant to accurately describe the meaning accorded the term as required by the Act and as used in this Agreement. In the event of any disagreement between a definition of the term in the Act, in this Appendix, or in any other part of the Agreement (including the Attachments), the definition in the Act shall supersede any definition in the Agreement or Appendices, and any specific definition in an Appendix other than this Appendix shall supersede the definition in this Appendix.

Throughout this Agreement and its Appendices, various diagrams are used. The diagrams are illustrative only, and, in the event of any disagreement between the diagram and the words of this Agreement, the words of this Agreement shall control.

“**Act**” means the Communications Act of 1934 [47 U.S.C. 151 et seq.], as amended by the Telecommunications Act of 1996, codified throughout 47 U.S.C.

“**Access Service Request**” (ASR) is an industry standard form and supporting documentation used by the Parties to order Switched Access Service and/or to add, establish, change or disconnect Trunks for the purposes of Interconnection.

“**ACNA**” means Access Customer Name Abbreviation and is a three digit alpha code assigned to identify carriers (including both ILECs AND CLECs) for billing and other identification purposes.

“**Advanced Intelligent Network**” or “**AIN**” is a Telecommunications network architecture in which call processing, call routing and network management are provided by means of centralized databases.

“**Affiliate**” is as defined in the Act.

“**Alliance for Telecommunications Industry Solutions**” (ATIS) is a North American telecommunication industry standards forum which, through its committees and working groups, creates and publishes standards and guidelines designed to enable interoperability for telecommunications products and services. ATIS Standards and Guidelines, as well as the standards of other industry fora, are referenced herein as baseline requirements documentation.

“**Alternate Billing Service**” (ABS) means a service that allows end user customers 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.

“**Applicable Law**” means all laws, statutes, common law, regulations, ordinances, codes, rules, guidelines, orders and permits, 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.

“**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.

“Automatic Number Identification” or (ANI) identifies the telephone number associated with the line from which a call originates. ANI usually identifies the same number as the Calling Party Number (CPN).

“Automatic Route Selection” (ARS) is a service feature that provides for automatic selection of the least expensive or most appropriate transmission facility for each call based on criteria programmed into a circuit switch routing table or system.

“Billing” involves the provision of appropriate usage data by one Telecommunications Carrier to another to facilitate end user customer Billing with attendant documentation. It also involves the exchange of information between Telecommunications Carriers to process claims and adjustments.

“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.

“Business Day” means Monday through Friday, excluding holidays in which banks and government offices are closed.

“Calling Party Number” (CPN) means a Common Channel Signaling (CCS) parameter, as for example a Signaling System 7 (SS7) parameter, whereby the ten (10) digit number or other number of the calling Party is forwarded from the End Office through the network.

“Carrier” see Telecommunications Carrier.

“Carrier Access Billing System” (CABS) is defined in a document prepared under the direction of the Billing Committee of the Ordering and Billing Forum (OBF) of ATIS. The CABS document is published by Telcordia Technologies in Volumes 1, 1A, 2, 3, 3A, 4 and 5 as Special Reports SR-OPT-001868, SR-OPT-001869, SR-OPT-001871, SR-OPT-001872, SR-OPT-001873, SR-OPT-001874, and SR-OPT-001875, respectively, and contains the recommended guidelines for the Billing of switched access service and other connectivity issues.

“Central Office” means a building or space within a building where transmission facilities or circuits are connected or switched.

“Centrex” means a Telecommunications Service that uses Central Office switching equipment for call routing to handle direct dialing of calls, and to provide many private branch exchange-like, features.

“Collocation” is as described by Applicable Law.

“Commercial Mobile Radio Service” (CMRS) is as defined in the Act.

“Commingling” means the connecting, attaching, or otherwise linking of an Lawful_unbundled Network Element, or Combination of Lawful unbundled Network Elements, to one or more facilities or services that MCIm has obtained at wholesale from AT&T ILLINOIS, or the combining of an Lawful Unbundled Network Element, or a combination of Lawful Unbundled Network Elements, with one or more such facilities or services. “Commingle” means the act of commingling.

“Commission” or **“ICC”** means the Illinois Commerce Commission.

“Common Channel Signaling” (CCS) means a method of exchanging call set-up and network control data over a digital 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 that carries the actual call. Unless otherwise agreed by the Parties, the preferred CCS protocol used by the Parties shall be SS7.

“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.

“Communications Assistance for Law Enforcement Act” (CALEA) refers to the duties and obligations of Carriers to assist law enforcement agencies by intercepting communications and records, and installing pen registers and trap and trace devices.

“Competitive Local Exchange Carrier” (CLEC) is any Local Exchange Carrier certified to provide Local Exchange Telecommunications Service in any area where it is not an Incumbent Local Exchange Carrier.

“Conduit” means a tube or other similar enclosure that may be used to house copper, fiber or coaxial communications cables or communications-related power cables. Conduits may be underground or above ground (for example, inside buildings) and may contain one or more inner ducts. An inner duct is a separate tube or enclosure within a Conduit.

“Control Office” is the operations center or office designated by either Party as its single point of contact for the provisioning and maintenance of its portion of this Agreement.

“Coordinated Cutover” means the coordination of all cutover activities that may be associated with porting of a telephone number from the old service provider to the new service provider, which coordination may include, but not limited to, notification of when the old service provider starts the cutover and finishes the cutover, coordination of testing, and working with the new service provider to ensure that the cutover is properly performed and completed.

“Cross Connection” means an intra-Wire Center channel of the appropriate bandwidth and media, connecting separate pieces of Telecommunications Equipment, including jumpers and intraoffice cables.

“Customer Usage Data” means the Telecommunications Services usage data of an end user customer measured in minutes, sub-minute increments, message units, or otherwise, that is recorded by one Party and forwarded to the other Party.

“Custom Local Area Signaling Service Features” (CLASS) means certain call-management service features available to end user customers within a Local Access and Transport Area (“LATA”), including but not limited to: Automatic Call Back; Automatic Recall; Call Trace; Calling Number Delivery; Customer Originated Trace; Distinctive Ringing/Call Waiting; Selective Call Forward; and Selective Call Rejection.

“Desired Due Date” means the desired service activation date as requested by MCIm on a service order.

“Dialing Parity” is as defined in the Act.

“Digital Signal Level” is one of several transmission rates in the time-division multiplex hierarchy.

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

“Digital Signal Level 1” (DS-1) is the 1.544 Mbps first-level signal in the time-division multiplex hierarchy. In the time-division multiplexing hierarchy of the telephone network, DS-1 is the initial level of multiplexing.

“Digital Signal Level 3” (DS-3) is the 44.736 Mbps third-level signal in the time-division multiplex hierarchy. In the time-division multiplexing hierarchy of the telephone network, DS-3 is defined as the third level of multiplexing.

“End Office Switch” or **“End Office”** means a Switch that directly terminates traffic to and receives traffic from local exchange service customers. An End Office Switch does not include a PBX.

“End User” or **“End User Customer”** means any individual, business, association, corporation, government agency or entity that subscribes to Telecommunications Services provided by either of the Parties and does not resell it to others. Interexchange Carriers (IXCs), Competitive Access Providers (CAPs) and Wireless Carriers (also known as a Commercial Mobile Radio Service (CMRS) providers) can be End Users within the meaning of this definition so long as they do not further resell service provided to them as End Users under this Agreement. As used herein, this term does not include any of the Parties to this Agreement with respect to any item or service obtained under this Agreement.

“Enhanced Extended Link” (“EEL”) consists of a Combination of an Lawful unbundled Loop and Lawful unbundled Dedicated Transport, together with any facilities, equipment, or functions necessary to combine those Lawful_unbundled Network Elements, with or without multiplexing capabilities.

“Enhanced Service Provider” (ESP) is a provider of enhanced services as those services are defined in the Act.

“Exchange Access” is as defined in the Act.

“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.

“Exchange Service” means Telephone Exchange Service, as defined in the Act.

“Feature Group D” or **“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 use in originating and terminating communications.

“Governmental Authority” means any federal, state or local, court, government, department, commission, board, bureau, agency, official or other regulatory, administrative, legislative or judicial authority with jurisdiction over the subject matter at issue.

“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 NPA-0/1XX.

“Incumbent Local Exchange Carrier” (ILEC) is as defined in the Act.

“Information Service” means the offering of a capability for generating, acquiring, storing, transforming, processing, retrieving, utilizing, or making available information via telecommunications, and includes electronic publishing, but does not include any use of any such capability for the management, control, or operation of a telecommunications system or the management of a telecommunications service.

“Integrated Digital Loop Carrier” or **“IDLC”** 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.

“Integrated Services Digital Network” (ISDN) means a digital circuit switched network service. Basic Rate Interface-ISDN (BRI-ISDN) provides for a digital channelized transmission of two 64 Kbps bearer channels and one 16 Kbps data channel (2B+D) end-to-end digital connectivity for the transmission of voice or data on either or both bearer channels and packet data on the data channel. Primary Rate ISDN provides for 23 bearer channels and 1 data channel. For BRI, the bearer channels operate at 64 Kbps and the data channel at 16 Kbps. For PRI, all 24 channels operate at 64 Kbps or 1.5 Mbps.

“Interconnection” is as defined in the Act.

“Interexchange Carrier” (IXC) means a Telecommunication Carrier that provides interLATA or intraLATA Telephone Toll Services.

“InterLATA” is as defined in the Act.

“InterLATA Traffic” describes Telecommunications between a point located in a Local Access and Transport Area (LATA) and a point located outside such area.

“IntraLATA Toll Traffic” describes IntraLATA Traffic between two locations within one LATA where one of the locations lies outside the local calling area defined by the tariff on file with the Commission.

“Local Access Transport Area” (LATA) is as defined in the Act.

“Local Exchange Carrier” (LEC) is as defined in the Act.

“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.

“Local 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.

“Local Service Ordering Guide” (LSOG) is a document developed by the OBF to establish industry-wide ordering and billing processes.

“Local Service Request” (LSR) means the industry standard forms and supporting documentation used for ordering local services.

“Main Distribution Frame” (MDF) means the distribution frame of the Party providing the loop used to Interconnect cable pairs and line and trunk equipment terminals.

“MECAB” refers to the Multiple Exchange Carrier Access Billing document developed by the Billing Committee of the Alliance for Telecommunications Industry Solutions' (ATIS) Ordering and Billing Forum (OBF). The MECAB document, published by ATIS as ATIS/OBF-MECAB- Issue 7, February 2001, contains the recommended guidelines for the billing of access and interconnection services provided to a customer by two or more providers or by one provider in two or more states within a single LATA.

“MECOD” refers to the Multiple Exchange Carriers Ordering and Design (MECOD) Guidelines for Access Services document developed by the Interconnection Services Ordering & Provisioning (ISOP) Committee of the Alliance for Telecommunications Industry Solutions' (ATIS) Ordering and Billing Forum (OBF). The MECOD document, published by ATIS as ATIS/OBF-MECOD-Issue 5, February 2002, establishes methods for processing orders for access service which is to be provided to an Interexchange Carrier (IC) by two or more Exchange Carriers (ECs).

“Meet Point” is a point of Interconnection between two networks, designated by two Telecommunications Carriers, at which one carrier's responsibility for service begins and the other carrier's responsibility ends.

“Meet-Point Billing” (MPB) refers to the billing arrangement whereby two or more Telecommunications Carriers jointly provide Switched Exchange Access Service to an IXC, with each LEC billing the IXC its tariffed rate for the portion of Switched Exchange Access Service it provided to the IXC.

“Network Data Mover” (NDM) is an industry standard protocol for the electronic transfer of information.

“Network Element” is as defined in the Act.

“Non-Qualifying Service” is a service that is not a Qualifying Service (defined below).

“North American Numbering Plan” (NANP) A numbering architecture employed in the United States, Canada and certain Caribbean countries 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.

“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, also known as a “Service Access Codes” (SAC Codes) 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 of non-geographic NPAs in the N00 format include 500, Toll Free Service NPAs, 700, and 900.

“Number Portability Administration Center” (NPAC) means one of the seven regional number portability centers involved in the dissemination of data associated with ported numbers. The NPACs were established for each of the seven, original Bell Operating Company regions so as to cover the 50 states, the District of Columbia and the U.S. territories in the North American Numbering Plan area.

“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.

“Originating Point Code” (OPC) means a code assigned to identify CLEC’s system(s) that originate SS7 messages, including LIDB Service Queries.

“Parity” means the provision of a service or access to service that is at least equal in quality, timing, priority, functionality and capabilities to that which AT&T ILLINOIS provides itself, its customers, subsidiaries, Affiliates or any third party.

“Party” means either AT&T ILLINOIS or MCIIm. “Parties” means both AT&T ILLINOIS and MCIIm.

“Plain Old Telephone Service” (POTS) means basic telephone service.

“Public Switched Network” or **“Public Switched Telecommunications Network”** (PSTN) includes all switches and transmission facilities, provided by any Telecommunications Carriers that use the NANP in connection with the provision of Telecommunications Services.

“Qualifying Service” is a telecommunications service that competes with a telecommunications service that has been traditionally the exclusive or primary domain of Incumbent LECs, including, but not limited to, local exchange service, such as plain old telephone service, and access services, such as digital subscriber line services and high-capacity circuits.

“Rate Center” means the specific geographic area that has been designated by a given LEC as being associated with a particular NPA-NXX code that has been assigned to the LEC for its provision of Telephone Exchange Service. The Rate Center is the finite geographic point identified by a specific V&H coordinate, which is used by that LEC to measure, for billing purposes, distance sensitive transmission services associated with the specific Rate Center.

“Rating Point” means the V&H coordinates associated with a particular telephone number for rating purposes.

“Remote Terminal” or **“RT”** means a controlled environmental vault, hut, or cabinet, which may or may not contain fiber fed digital loop carrier (DLC).

“Service Management System” (SMS) means an off-line system used to access, create, modify or update information in a database.

“Signaling System 7” (SS7) means a signaling protocol used by the CCS network.

“Switch” means a mechanical, electrical or electronic device which opens and closes circuits, completes or breaks an electrical path, or select paths or circuits.

“Switched Exchange Access Service” means the offering of transmission or switching services to Telecommunications Carriers for the purpose of the origination or termination of Telephone Toll Service. Switched Exchange_Access Services include, but are not limited to, Feature Group A, Feature Group B, Feature Group D, 800/888 access, and 900 access and their successors and/or similar Switched Exchange Access Services.

“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.

“Tandem Office Switch” or **“Tandem”** means a Switch used to connect and switch Trunk circuits between and among other Central Office Switches. A Tandem Switch does not include a PBX.

“Technically Feasible”, including burden of proof, is as defined in applicable FCC regulations and Applicable Law.

“Telecommunications” is as defined in the Act.

“Telecommunications Carrier” is as defined in the Act.

“Telecommunications Equipment” is as defined in the Act.

“Telecommunications Service” is as defined in the Act.

“Telephone Exchange Service” is as defined in the Act.

“Telephone Toll Service” is as defined in the Act.

“TELRIC” means Total Element Long-Run Incremental Cost.

“Third Party” means any person other than a Party.

“Toll Free Service” is service provided with any dialing sequence that invokes toll-free, 800-like, service processing (e.g., 800 or 800-like services). Toll Free Service includes, but is not limited to, calls placed to 800/888 NPA Service Access Codes (SAC).

“Trunk” means a communication line connecting two switching systems.

“Wire Center” means the physical structure where AT&T ILLINOIS terminated subscriber outside cable plant (i.e. their local lines) with the necessary testing facilities to maintain them. This is usually the same

location as a Class 5 central office. A Wire Center might have one or several Class 5 central offices, also called public exchanges or simply switches.

BONA FIDE REQUEST (“BFR”) PROCESS

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1. GENERAL CONDITIONS

- 1.1 Unless another procedure or process is specifically prescribed elsewhere in this Agreement or by order of the Commission, this schedule shall govern the submission of requests by MCIm to AT&T ILLINOIS for methods of interconnection, access to Lawful unbundled Network Elements (including Combinations thereof), or customized services that are not otherwise addressed in this Agreement at the time of such request. This Bona Fide Request ("BFR") process applies to each Bona Fide Request submitted to AT&T ILLINOIS.
- 1.2 If a Party to a Bona Fide Request believes that the other Party is not requesting, negotiating, or processing the Bona Fide Request in good faith, or disputes a determination, or price or cost quote, or is failing to act in accordance with the Act, such Party may exercise its rights under the Dispute Escalation and Resolution sections of this Agreement or may otherwise seek mediation by the Commission, including the use of any expedited procedures, pursuant to Section 252 of the Act, after giving the other Party written notice at least five (5) calendar days in advance of invoking the Dispute Escalation and Resolution .

2. BFR APPLICATION FORM

- 2.1 A Bona Fide Request must be submitted with a BFR Application Form as that form is set forth on <https://clec.att.com/clec/>. Included with the Application MCIm shall provide a technical description of each BFR Item, drawings when applicable, the location(s) where needed, the date required, and the projected quantity to be ordered with a non-binding three (3) year forecast.

3. RESPONSIBILITIES OF THE PARTIES

- 3.1 AT&T ILLINOIS shall promptly consider and analyze the submission of a Bona Fide Request from MCIm for: (a) a method of Interconnection or access to a Lawful unbundled Network Element (including Combinations thereof) not otherwise provided hereunder at the time of such request; (b) a method of Interconnection or access to a Lawful unbundled Network Element (including Combinations thereof) that is different in quality to that which AT&T ILLINOIS provides itself at the time of such request; or (c) a customized service for features, capabilities, functionalities or a Lawful unbundled Network Element or Network Element Combination not otherwise provided hereunder at the time of such request. Items (a), (b) and (c) above may be referred to as a "BFR Item".
- 3.2 MCIm may cancel a Bona Fide Request at any time by written notice to AT&T ILLINOIS, but will pay AT&T ILLINOIS, as specified below, for reasonable costs incurred by AT&T in its preparation of the Preliminary Analysis or BFR Quote, up to the date of AT&T ILLINOIS' receipt of the cancellation.
- 3.3 **Analysis of the BFR**
- 3.3.1 MCIm is responsible for the reasonable costs incurred by AT&T ILLINOIS to prepare the Preliminary Analysis of MCIm's BFR. When submitting a BFR Application Form, MCIm has two options to

compensate AT&T ILLINOIS for its costs incurred to complete the Preliminary Analysis of the BFR:

- 3.3.1.1 Include with its BFR Application Form a Deposit, which Deposit will be in the amount of two thousand dollars (\$2,000), unless a different BFR deposit amount applicable to this Agreement has been established by the Commission, to cover AT&T ILLINOIS' preliminary evaluation costs, in which case AT&T ILLINOIS may not charge MCIm in excess of the Deposit to complete the Preliminary Analysis; or
- 3.3.1.2 Not make the Deposit in which case MCIm shall be responsible for all reasonable costs incurred by AT&T ILLINOIS to complete the Preliminary Analysis (regardless of whether such costs are greater or less than the Deposit amount).
- 3.3.2 If MCIm submits a Deposit with its BFR, and AT&T ILLINOIS is not able to process the BFR or determines that the BFR does not qualify for BFR treatment, then AT&T ILLINOIS will return the Deposit to MCIm. Similarly, if the costs incurred to complete the Preliminary Analysis are less than the Deposit amount, the balance of the Deposit will, at the option of MCIm, either be refunded or credited toward additional developmental costs authorized by MCIm. If MCIm cancels the BFR prior to completion of the Preliminary Analysis and a Deposit has been made by MCIm, and the reasonable costs are less than the Deposit amount, the remaining balance of the Deposit will be returned to MCIm.
- 3.3.3 AT&T ILLINOIS will promptly consider and analyze each BFR it receives. Within ten (10) Business Days of its receipt, AT&T ILLINOIS shall acknowledge in writing or by facsimile receipt of the Bona Fide Request and in such acknowledgement advise MCIm of the need for any further information needed to process the Request. If deemed necessary by either of the Parties, a meeting will be convened within five (5) Business Days, or as otherwise mutually agreed, of MCIm's receipt of the BFR acknowledgement at which the Parties will come to agreement on all additional information needed to process the BFR. MCIm will provide an updated BFR application to include the additional information. MCIm acknowledges that the time intervals set forth in this Schedule begin once AT&T ILLINOIS has received a complete and accurate BFR Application Form and, if applicable, the Deposit amount.
- 3.3.4 Within thirty (30) calendar days of its receipt of a complete and accurate Bona Fide Request, AT&T ILLINOIS shall provide to MCIm a Preliminary Analysis of the BFR Item (the "Preliminary Analysis"). The Preliminary Analysis shall respond in one of the following ways:
 - 3.3.4.1 indicate that AT&T ILLINOIS will provide the BFR Item; or
 - 3.3.4.2 provide a detailed explanation that access to such BFR Item is not technically feasible and/or that the request does not qualify as one that is required to be provided under the Act; or that the BFR is not the correct process for the request.

3.4 Bona Fide Request Quote

3.4.1 If the Preliminary Analysis indicates that AT&T ILLINOIS will provide the BFR Item, MCIm may, at its discretion, provide written authorization for AT&T ILLINOIS to prepare a "BFR Quote". The BFR Quote shall, as applicable, include: (i) the first date of availability, (ii) installation intervals, (iii) applicable rates (recurring, nonrecurring and other), (iv) BFR development and processing costs (v) terms and conditions by which the Request shall be made available, and (vi) any other information AT&T ILLINOIS deems relevant to MCIm's request for the BFR Item.

3.4.1.1 MCIm's written authorization to develop the BFR Quote must be received by AT&T ILLINOIS within thirty (30) calendar days of MCIm's receipt of the Preliminary Analysis. If no authorization to proceed is received within such thirty (30) calendar day period, the BFR will be deemed canceled, subject to MCIm's obligation to pay AT&T ILLINOIS' reasonable costs incurred for the Preliminary Analysis as set forth herein. Any request by MCIm for AT&T ILLINOIS to proceed with the preparation of the BFR Quote received after the thirty (30) calendar day window will require MCIm to submit a new BFR.

3.4.1.2 As soon as feasible, but not more than ninety (90) (calendar) days after its receipt of authorization to prepare the BFR Quote, AT&T ILLINOIS shall provide to MCIm a BFR Quote.

3.4.2 Within thirty (30) days of its receipt of the Bona Fide Request Quote, MCIm must either confirm its order for the BFR Item pursuant to the Bona Fide Request Quote or cancel the Bona Fide Request and reimburse AT&T ILLINOIS for its reasonable costs incurred in the preparation of the BFR Quote. If MCIm believes AT&T ILLINOIS' BFR Quote is inconsistent with the requirements of the Act, it may exercise its rights under the Dispute Escalation and Resolution sections of the Agreement. If, AT&T ILLINOIS does not receive notice of confirmation or cancellation of the BFR within such thirty (30) calendar day period, the BFR shall be deemed canceled and MCIm will reimburse AT&T ILLINOIS for its reasonable costs incurred in preparing the BFR Quote.

4. PRICES

4.1 Unless MCIm agrees otherwise, all prices and costs quoted or invoiced herein shall be consistent with the pricing principles of the Act, the FCC and/or the Commission.

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APPENDIX COORDINATED HOT CUT (CHC)

1. INTRODUCTION

This Appendix sets forth terms and conditions for Coordinated Hot Cut (CHC) provided by AT&T ILLINOIS and MCIm.

- 1.1 "Conversion of Service" is defined as the matching of the disconnect of one telecommunications product or service with the installation of another telecommunications product or service.
- 1.2 "Designated Installation" is defined as an installation of service occurring at a specific time of day as specified by MCIm.

2. CHC SERVICE DESCRIPTION

- 2.1 Coordinated Hot Cut (CHC) Service is an optional manual service offering that permits MCIm to request a designated installation and/or conversion of service during, or after, normal business hours..
- 2.2 MCIm will initiate the beginning of a CHC by contacting the appropriate coordination center. This special request enables MCIm to schedule and coordinate particular provisioning requirements with the AT&T ILLINOIS.
- 2.3 AT&T ILLINOIS may limit the number of service orders that can be coordinated based on workload and resources available. AT&T shall approve CHC requests on a non-discriminatory basis, by requesting carrier, and on a first come, first served basis.
- 2.4 Both Parties reserve the right to suspend the availability of CHC Service during unanticipated heavy workload/activity periods. Heavy workload includes any unanticipated volume of work that impacts a Party's ability to provide its baseline service. Where time permits, the Party suspending CHC service will make every effort to notify the other Party when such unanticipated activities occur.

3. CHC PRICING

- 3.1 CHC is a time sensitive labor operation. Total charges are determined by a number of factors including the volume of lines, day of the week, and the time of day requested for the cut over.
- 3.2 When MCIm orders CHC service, AT&T ILLINOIS shall charge and MCIm agrees to pay for CHC service at the "additional labor" or "Time and Material" rates set forth in the following applicable Tariffs or Appendix Pricing, Schedule of Prices:
 - 3.2.1 FCC No. 2 Access Services Tariff, Section 13.2.6 (c)¹
- 3.3 In the event the AT&T ILLINOIS fails to meet a CHC Service commitment for reasons within the control of AT&T ILLINOIS, AT&T will not charge MCIm a CHC Service charge. However, in the event AT&T misses a CHC Service commitment due to MCIm, its agent or end user reasons, the Coordinated Hot Cut (CHC) Service charge will still apply. For example, if MCIm requests any change to an order with CHC Service including, but not limited to, AT&T ILLINOIS' inability to gain access to MCIm's end user's premises, or MCIm's /end user is not ready to proceed with the order, the CHC charge will apply and AT&T ILLINOIS is no longer obligated to ensure a CHC is on that order.

¹ AT&T ILLINOIS will not charge the additional labor rate in ILLINOIS until the effective non-recurring docket IL - 98-0396 is superceded by the Commission's order approving new non-recurring UNE rates.

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1. COLLOCATION TERMS

- 1.1 Except as set forth below in this Appendix Collocation, AT&T ILLINOIS shall provide, and MCIm agrees to purchase, Collocation in accordance with the requirements of AT&T ILLINOIS' Tariff 20, Part 23, Section 4.
- 1.2 Any changes to the Tariff made by AT&T ILLINOIS and filed with the Commission shall affect the terms, conditions and prices of this Appendix Collocation at the same time Tariff changes are made effective for all CLECs operating from the tariff in Illinois, without the need of written Amendment.

2. AUGMENT INTERVALS

- 2.1 Augment intervals for DS0s are set forth in AT&T ILLINOIS' Tariff 20, Part 23, Section 4, Subsection 14c.

DIRECTORY ASSISTANCE SERVICES

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1. INTRODUCTION

- 1.1 This Appendix sets forth the terms and conditions for Directory Assistance (DA) Services for MCIm provided by AT&T ILLINOIS.
- 1.2 AT&T ILLINOIS shall provide to MCIm customers the capability to dial the same telephone numbers for access to AT&T ILLINOIS' directory assistance as AT&T ILLINOIS customers use to access AT&T ILLINOIS directory assistance. Access numbers to AT&T ILLINOIS' Local DA service may include but are not limited to: 411, 1/0+411, 555-1212.

2. DEFINITIONS

- 2.1 The following terms are defined as set forth below:
 - 2.1.1 "Call Branding" – The procedure of identifying a provider's name audibly and distinctly to the end user customer at the beginning of each DA Services call.
 - 2.1.2 Non-List Number - A telephone number that, at the request of the telephone subscriber, is not published in a telephone directory, but is available by calling a AT&T ILLINOIS DA Operator.
 - 2.1.3 IntraLATA Home NPA (HNPA) - Where a LATA is comprised of one area code or Numbering Plan Area (NPA).
 - 2.1.4 Intentionally Omitted

3. SERVICES

- 3.1 All DA Services described herein shall be provided in accordance with Applicable Law.
- 3.2 Intentionally Omitted.
 - 3.2.1 Directory Assistance (DA)
 - 3.2.1.1 Listing Information: AT&T ILLINOIS shall provide to MCIm the same listing information that it provides to its own subscribers. DA information will include the telephone numbers for MCIm end user customers who opt for Non-List Number status in the White Pages Directories.
 - 3.2.2 Directory Assistance Call Completion (DACC) or Express Call Completion (ECC): A service in which a local or an intraLATA call to the requested number is completed on behalf of MCIm's end user customer utilizing an automated voice system or with operator assistance.
 - 3.2.3 National Directory Assistance (NDA): Consists of a service whereby end users 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.
 - 3.2.4 Intentionally Omitted
 - 3.2.5 Reverse Directory Assistance (RDA): A nonregulated informational service. Consists of providing listed local and national name and address information associated with a telephone number that a MCIm end user provides.

4. CALL BRANDING

4.1 Call Branding is the process by which an operator, either live or recorded, will identify the DA provider as being MCIm, audibly and distinctly to the MCIm end user at the beginning of each DA call. In all cases, AT&T ILLINOIS will brand the DA call as directed by MCIm. MCIm will provide written specifications of its name or announcement to be used by AT&T ILLINOIS to create the recorded branding announcement for its DA calls as outlined in the Operator Services/Directory Services Questionnaire.

4.2 Where not technically feasible or where MCIm does not request branding, AT&T will have the recorded announcement for such calls play silence instead of a recorded brand. Where technically feasible and/or available, AT&T ILLINOIS will brand DA based upon the criteria outlined.

4.2.1 Where AT&T ILLINOIS is only providing DA on behalf of MCIm, the calls will be branded. When the same trunk group is used to provide OS and DA services to MCIm, calls will be branded at MCIm's request with the same brand. There may be separate brands where separate trunk groups are utilized.

4.2.2 Branding Load Charges

Non-recurring load charges apply per brand, per Directory Assistance Switch (and per OCN, if multiple OCNs are used) for the establishment of MCIm specific branding. In addition, a per call "branding" (i.e. recorded announcement) charge applies for every DA call handled by the automated recording in the AT&T ILLINOIS DA platform.

4.2.2.1 Branding charges are included in Appendix Pricing.

5. DIRECTORY ASSISTANCE (DA) RATE/REFERENCE INFORMATION

5.1 If MCIm elects to use DA Services where technically feasible and/or available, AT&T ILLINOIS will provide MCIm DA Rate/Reference Information, based upon the criteria outlined below:

5.1.1 MCIm will furnish DA Rate and Reference Information in accordance with process outlined in Operator Services Questionnaire or as mutually agreed to format or media thirty (30) calendar days in advance of the date when the DA Services are to be undertaken.

5.1.2 MCIm will inform AT&T ILLINOIS, in writing, of any changes to be made to such Rate/Reference Information fourteen (14) calendar days prior to the effective Rate/Reference change date. MCIm acknowledges that it is responsible to provide AT&T ILLINOIS updated Rate/Reference Information fourteen (14) calendar days in advance of when the updated Rate/Reference Information is to become effective.

5.1.3 An initial non-recurring charge will apply per state, per Operator assistance switch for loading of MCIm's DA Rate/Reference Information. An additional non-recurring charge will apply per state, per Operator assistance switch for each subsequent change to either MCIm's DA Services Rate or Reference Information subject to the requirements herein.

5.2 When an AT&T ILLINOIS Operator receives a rate request from a MCIm end user customer, AT&T ILLINOIS will quote the applicable DA rates as provided by MCIm.

6. RESPONSIBILITIES OF THE PARTIES

- 6.1 MCIm will provide AT&T ILLINOIS at least thirty (30) days notice prior to any significant change in service levels for Directory Assistance under this Appendix.
- 6.2 MCIm will be responsible for providing the equipment and facilities necessary for signaling and routing calls with Automatic Number Identification (ANI) to each AT&T ILLINOIS Operator assistance switch. Should MCIm seek to obtain interexchange DA Service from AT&T ILLINOIS, MCIm is responsible for ordering the necessary facilities under the appropriate Interstate or Intrastate Access Service Tariffs. Nothing in this Agreement in any way changes the manner in which an Interexchange Carrier obtains access service for the purpose of originating or terminating interexchange traffic.
 - 6.2.1 Facilities necessary for the provision of DA Services shall be provided by the Parties hereto, using standard trunk traffic engineering procedures to insure that the objective grade of service is met. Each Party shall bear the costs for its own facilities and equipment.
- 6.3 MCIm will furnish to AT&T ILLINOIS a completed OSQ thirty (30) calendar days in advance of the date when the DA Services are to be undertaken.
- 6.4 MCIm will provide AT&T ILLINOIS updates to the OSQ fourteen (14) calendar days in advance of the date when changes are to become effective.
- 6.5 MCIm will send the DA listing records to AT&T ILLINOIS for inclusion in AT&T ILLINOIS DA database via electronic gateway as described in Appendix WP.
- 6.6 MCIm agrees that AT&T ILLINOIS may utilize MCIm's end user customer's listings contained in AT&T ILLINOIS directory assistance database in providing AT&T ILLINOIS Directory Assistance or DA related services.
- 6.7 MCIm further agrees that AT&T ILLINOIS can release MCIm's directory assistance listings stored in AT&T ILLINOIS Directory Assistance database to competing providers.
- 6.8 AT&T ILLINOIS will provide IntraLATA HNPA DA Service and intrastate IntraLATA FNPA DA Service to Customers who dial 1+411 or 1+NPA+555+1212.

7. METHODS AND PRACTICES

- 7.1 AT&T ILLINOIS will provide DA Services to MCIm's end user customers in accordance with AT&T ILLINOIS DA methods and practices that are in effect at the time the DA call is made, unless otherwise agreed to in writing by both Parties.

8. PRICING

- 8.1 Pricing for DA Services shall be based on the rates specified in Appendix Pricing.

9. LIABILITY

- 9.1 The provisions set forth in the General Terms and Conditions of this Agreement, including but not limited to those relating to limitation of liability and indemnification, shall govern the Parties' performance under this Appendix including any claims arising from the disclosure of telephone numbers, addresses, or names associated with the telephone called or telephone used to call AT&T ILLINOIS' DA operators.

10. TERM OF APPENDIX

- 10.1 MCIm must use such services for a minimum period of twelve (12) months, which period may extend past the termination of this Agreement. MCIm may terminate use of AT&T ILLINOIS' DA Services any time after MCIm has used such DA Services for the twelve (12) month minimum period upon one hundred twenty (120) days advance written notice to AT&T ILLINOIS, inclusive of the notice period.
- 10.2 If MCIm terminates use of AT&T ILLINOIS' DA Services without complying with Section 10.1 above, MCIm shall pay AT&T ILLINOIS, within thirty (30) days of the issuance of a final bill by AT&T ILLINOIS, all amounts due for actual services provided under this Appendix.

**DIRECTORY ASSISTANCE LISTING
INFORMATION
(DALI)**

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1. INTRODUCTION

- 1.1 The prices at which AT&T ILLINOIS agrees to provide MCIm with Directory Assistance Listing Information (DALI) are contained in the applicable Appendix Pricing.

2. GENERAL TERMS AND CONDITIONS

- 2.1 Directory Assistance Listing Information ("DALI") means the following: subscriber records used to populate and maintain AT&T ILLINOIS' database used to provide directory assistance: the last name, first name, street number, street name, community, zip code and telephone number of AT&T ILLINOIS' telephone exchange service subscribers located in the State of Illinois. DALI shall also include updates. AT&T ILLINOIS shall use commercially reasonable efforts to provide MCIm with a complete copy of the DALI including all names, addresses, telephone number of listed residential and/or business and government telephone service subscribers located in the State of Illinois and of those telecommunications carriers including incumbent local exchange companies, competitive local exchange carriers and Independent Telephone Companies in Illinois who have not objected to disclosure of such information in accordance with Applicable Law.
- 2.2 Where technically feasible, AT&T ILLINOIS will provide Dialing Parity Directory Listings in AT&T ILLINOIS (herein after collectively referred to as DAL):
- 2.2.1 AT&T ILLINOIS owns and maintains the database containing directory assistance listing information.
- 2.2.2 Inasmuch as AT&T ILLINOIS provides DA service under contract for other Telecommunications Carriers, AT&T ILLINOIS' database also contains directory assistance listing information for other Telecommunication Carriers' end user customers.
- 2.2.3 AT&T ILLINOIS agrees to provide DALI under the following terms and conditions:
- 2.2.3.1 The data will be received from AT&T ILLINOIS via Network Data Mover ("NDM") listed by NPA.
- 2.2.4 Upon request, but no later than sixty (60) days after receipt of initial load request, AT&T ILLINOIS shall provide DALI to MCIm in a mutually acceptable format and mode. Consent regarding format and mode shall not be unreasonably withheld.
- 2.2.5 On a daily basis, AT&T ILLINOIS shall provide updates. Updates shall be current as of the provision date.
- 2.2.6 Upon request, AT&T ILLINOIS shall provide a complete refresh of DALI via electronic data transfer as soon as possible, but no later than forty-five (45) calendar days after the receipt of the request.

3. INTENTIONALLY OMITTED

4. USE OF DIRECTORY ASSISTANCE LISTING INFORMATION

- 4.1 MCIm may use the Directory Assistance Listing Information provided pursuant to this Appendix for any lawful form of telecommunications service.
- 4.2 If this Agreement is terminated by MCIm with the stated intention that no successor agreement will be entered into, MCIm shall, within a reasonable time after such

termination, cease using the Directory Assistance Listing Information provided hereunder by AT&T ILLINOIS, and shall extract and expunge all copies or any portions thereof from files and records and provide written notice from an authorized representative that such actions have been performed.

- 4.3 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 in accordance with Applicable Law. 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 MCIm'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, MCIm may verify the listing by matching the caller-provided address with the address in MCIm's database. MCIm may not provide the address information of a requested listing of a non-published subscriber to a caller under any circumstances. MCIm can notify the customer that the requested listing is non-published.

5. EMERGENCY NOTIFICATION SERVICE FOR NON-PUBLISHED TELEPHONE NUMBERS

- 5.1 AT&T ILLINOIS shall provide for Emergency Notification Service for Non-Published Telephone Numbers (hereinafter referred to as "Non-Pub ENS"). AT&T ILLINOIS will provide to MCIm a telephone number that will permit MCIm to contact AT&T ILLINOIS in the event a MCIm customer ("Calling Party") indicates to MCIm that he/she must reach an AT&T ILLINOIS customer that has a Non-Published listing ("Non-Published Customer") to advise such Non-Published Customer of an emergency or life-threatening situation. If the Non-Published Customer's name is in the AT&T ILLINOIS DALI database, AT&T ILLINOIS will call the requested Non-Published Customer, and if such Non-Published Customer answers, will notify the Non-Published Customer that Calling Party is attempting to reach him/her to advise of an emergency situation, and will provide the Non-Published Customer the name and callback telephone number of the Calling Party provided to AT&T ILLINOIS by MCIm or the contact telephone number of MCIm.
- 5.1.1 AT&T ILLINOIS will only accept calls from employees of MCIm or its affiliates on behalf of MCIm's end user customers. AT&T ILLINOIS will not accept calls from MCIm's end user customers.
- 5.2 MCIm shall only utilize the Non-Pub ENS in the event a Calling Party indicates to MCIm that the Calling Party must reach the Non-Published Customer to advise of an emergency situation. In no event shall MCIm use the Non-Pub ENS for non-emergency situations.
- 5.3 MCIm's representative shall provide to AT&T ILLINOIS (i) his/her name, (ii) a contact telephone number, (iii) the name, city and state of the Non-Published Customer that Calling Party is attempting to contact, and (iv) the Calling Party's name and call back telephone number.
- 5.4 If the Non-Published Customer does not answer for any reason (including, but not limited to, no answer, busy, intercept recording, line not working, facsimile tones, etc.), AT&T ILLINOIS will wait approximately thirty (30) minutes and make a second call attempt. If AT&T ILLINOIS' second call attempt is unsuccessful, AT&T ILLINOIS will promptly call MCIm and inform MCIm of its inability to reach the Non-Published Customer.
- 5.5 If the Non-Published Customer does not answer but AT&T ILLINOIS reaches such Non-Published Customer's answering machine or voice mail service, AT&T ILLINOIS will leave

a message notifying the Non-Published Customer that Calling Party is attempting to reach him/her to advise of an emergency situation, will provide the Non-Published Customer either the name and callback telephone number of the Calling Party provided to AT&T ILLINOIS by MCIm or the contact telephone number of MCIm. AT&T ILLINOIS will promptly call MCIm and inform MCIm that AT&T ILLINOIS left a message for the Non-Published Customer.

5.6 Under no circumstances will AT&T ILLINOIS release Non-Published telephone numbers to a MCIm employee or end user customer.

5.7 Rates for Non-Pub Emergency Number Service (ENS) are contained in Appendix Pricing.

5.8 The Parties agree to meet to negotiate an amendment within 60 days, should this process change.

6. PRICING

6.1 Rates for DALI are contained in Appendix Pricing.

7. ASSIGNMENT

7.1 MCIm may use the directory assistance listing information licensed and provided pursuant to this Appendix in compliance with all Applicable laws, regulations and rules including any subsequent decision by the FCC or a court regarding the use of DALI.

8. LIABILITY

8.1 The provisions set forth in the General Terms and Conditions of this Agreement, including but not limited to those relating to limitation of liability and indemnification, shall govern the Parties' performance under this Appendix.

APPENDIX 911

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1. INTRODUCTION

- 1.1 This Appendix sets forth terms and conditions for 911 and E911 Service provided by AT&T ILLINOIS to MCIIm.

2. DEFINITIONS

- 2.1 Intentionally Omitted.
- 2.2 "Automatic Location Identification" or "ALI" means the automatic display at the Public Safety Answering Point or "PSAP" of the caller's telephone number, the address/location of the telephone and, in some cases, supplementary emergency services information.
- 2.3 "Automatic Number Identification" or "ANI" means the telephone number associated with the access line from which a call to 911 originates.
- 2.4 "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 the National Emergency Number Association or "NENA" in a nationally accessible database.
- 2.5 "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 and E911 systems.
- 2.6 "911 or E911 Customer" means a municipality or other state or local government 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 a minimum, for emergency police and fire services, through the use of one telephone number -- 911.
- 2.7 "911 Gateway" A secure information management system that provides MCIIm or its third party representative the ability to send and receive 911 data files through peer-to-peer connectivity. The gateway acts as the interface between a MCIIm's Data Management System and AT&T's E911 Database Management system.
- 2.8 "911 or E911 Universal Emergency Number Service" (also referred to as "Expanded 911 Service" or "Enhanced 911 Service") or "911 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. 911 and 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 trunks and includes Automatic Number Identification (ANI), Automatic Location Identification (ALI), and/or Selective Routing (SR).
- 2.9 "Emergency Services" means police, fire, ambulance, rescue, and medical services.
- 2.10 "Emergency Service Number" or "ESN" means a three to five digit number representing a unique combination of emergency service agencies (Law Enforcement, Fire, and Emergency Medical Service) designated to serve a specific range of addresses within a particular geographical area. The ESN facilitates selective routing and selective transfer, if required, to the appropriate PSAP and the dispatching of the proper service agency(ies).

- 2.11 "Master Street Address Guide" or "MSAG" contains street names and house number ranges within their associated communities defining particular geographic areas and their associated ESNs to enable proper routing of 911 and E911 calls.
- 2.12 "National Emergency Number Association" or "NENA" is a not-for-profit corporation established in 1982 to educate, set standards and provide certification programs, legislative representation and technical assistance for implementing and managing 911 and E911 systems.
- 2.13 "Public Safety Answering Point" or "PSAP" means an answering location for 911 and E911 calls originating in a given area. The 911 or E911 Customer may designate a PSAP as primary or secondary, which refers to the order in which calls are directed for answering. Primary PSAPs answer calls; secondary PSAPs receive calls on a transfer basis. PSAPs are public safety agencies such as police, fire, emergency medical, etc., or a common bureau serving a group of such entities.
- 2.14 "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.

3. BASIC 911 AND E911 GENERAL REQUIREMENTS

- 3.1 When AT&T ILLINOIS is the 911 or E911 Service provider, AT&T ILLINOIS shall provide MCIm with access to and service for 911 and E911.
- 3.2 911 and E911 provides a caller who dials a 3-digit universal telephone number (911) access to the appropriate Public Safety Answering Point (PSAP).
- 3.3 E911 provides additional routing flexibility for 911 calls. E911 uses Customer data derived from the ALI/DBMS to determine to which PSAP to route the call. AT&T ILLINOIS shall provide ALI interface information and access to the DBMS sufficient, when combined with other Unbundled Network Elements, to allow MCIm to provide services to its own End Users equivalent to the ALI services provided by AT&T ILLINOIS for its End Users.
- 3.4 911 and E911 database service provided to MCIm will be at Parity with the 911 and E911 service that AT&T ILLINOIS provides to itself and others.
- 3.5 Upon written request, AT&T ILLINOIS shall provide to MCIm, within thirty (30) days, a description of the geographic area (or Rate Center) and PSAPs served by a 911 or 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.
- 3.6 AT&T ILLINOIS and MCIm shall comply with all Applicable Laws concerning 911 and E911 services.
- 3.7 AT&T ILLINOIS shall provide and maintain such equipment at the SR and the DBMS as is necessary to perform the 911 and E911 services set forth herein when AT&T ILLINOIS is the 911 or E911 Service provider. AT&T ILLINOIS shall provide 911 or E911 Service to MCIm as described this section in a particular Rate Center in which MCIm is authorized to provide local telephone exchange service and AT&T ILLINOIS is the 911 or E911 Service provider.
- 3.8 Intentionally Omitted.

- 3.9 Intentionally Omitted.
- 3.10 AT&T ILLINOIS will forward the ANI it receives from MCIm and the associated Automatic Location Identification (ALI) to the PSAP for display. If no ANI is forwarded by MCIm, AT&T ILLINOIS will forward an Emergency Service Central Office (ESCO) identification code for display at the PSAP. If ANI is forwarded by MCIm, but no ALI record is found in the DBMS, AT&T ILLINOIS will report this "No Record Found" condition to MCIm in accordance with NENA standards.
- 3.11 Call Routing
- 3.11.1 Where AT&T ILLINOIS is the 911 or E911 Service provider, MCIm will transport 911 and/or E911 calls from each MCIm point of interconnection (POI) to the AT&T ILLINOIS 911 Tandem or SR.
- 3.11.2 AT&T ILLINOIS will switch 911 and E911 calls through the 911 Tandem or SR to the designated primary PSAP or to the designated alternate locations, according to routing criteria specified by the PSAP.
- 3.11.3 AT&T ILLINOIS will forward MCIm customer information for 911 and E911 calls to the PSAP upon a PSAP ALI query.

4. BASIC 911 AND E911 ADDITIONAL REQUIREMENTS

- 4.1 Where AT&T ILLINOIS is the 911 or E911 Service provider, AT&T ILLINOIS shall cooperate with MCIm to ensure that 911/E911 Service is fully available to all MCIm End User Customers whose telephone numbers have been ported from AT&T ILLINOIS. AT&T ILLINOIS shall provide the necessary access for MCIm to update the 911/E911 database with customer information for lines that have been ported.
- 4.2 AT&T ILLINOIS shall notify MCIm 48 hours in advance of any scheduled testing or maintenance affecting MCIm 911 or E911 Service. AT&T ILLINOIS shall provide notification as soon as possible of any unscheduled outage affecting MCIm 911/E911 Service. AT&T ILLINOIS shall notify MCIm of major network changes impacting MCIm as soon as AT&T ILLINOIS is aware of such changes.
- 4.3 AT&T ILLINOIS shall provide MCIm with the point of contact for reporting errors, defects, and malfunctions in the 911/E911 Service and shall also provide escalation contacts.
- 4.4 AT&T ILLINOIS shall provide to MCIm sufficient planning information regarding anticipated moves to SS7 signaling at a minimum of ninety (90) days before each such anticipated move to SS7 signaling.
- 4.5 Where AT&T ILLINOIS manages the 911/E911 database, AT&T ILLINOIS shall provide MCIm with notification of any pending SR moves at least thirty (30) days in advance of the start date of the project or ninety (90) days from the projected cut-over date of the new SR.
- 4.6 AT&T ILLINOIS shall establish within ten (10) days of the Effective Date any special operator-assisted calling requirements needed to support 911/E911.
- 4.7 Where AT&T ILLINOIS is the 911 or E911 Service provider, AT&T ILLINOIS shall populate the ALI database with the appropriate new NPA codes for NPA splits, or other NPA changes.

5. BASIC 911 AND E911 DATABASE REQUIRMENTS

- 5.1 When AT&T ILLINOIS is the 911 or E911 Service provider, AT&T ILLINOIS manages the DBMS. The interface to the DBMS must meet all applicable standards.
 - 5.1.1 Where AT&T ILLINOIS is the 911 or E911 Service provider and manages the DBMS, AT&T ILLINOIS shall store MCIm's End User Customer 911 Records [that is, the name, address, and associated telephone number(s) for each of MCIm's End User Customers served by MCIm's exchange(s)] in the electronic data processing database for the DBMS. AT&T ILLINOIS shall provide an electronic interface through which MCIm or its representative(s) may provide and update such information.
 - 5.1.2 MCIm shall adopt use of Company ID on all MCIm End User 911/E911 Records in accordance with NENA standards. The Company ID will identify the carrier of record facility configurations.
 - 5.1.3 MCIm or its representatives shall be responsible for providing MCIm's End User 911 Records to AT&T ILLINOIS for inclusion in AT&T ILLINOIS' DBMS on a timely basis. AT&T ILLINOIS and MCIm shall arrange for the automated input and periodic updating of MCIm's End User 911 Records.
- 5.2 AT&T ILLINOIS shall coordinate access to the DBMS for the initial loading and updating of MCIm End User Customer 911/E911 Records. Access coordination will include:
 - 5.2.1 AT&T ILLINOIS provided format requirements and a delivery address for MCIm to supply an electronic version of Customer telephone numbers, addresses and other information both for the initial load and, where applicable, daily updates. AT&T ILLINOIS shall confirm receipt of this data by the next business day by providing MCIm with error and statistical files;
 - 5.2.2 Coordination of error resolution involving entry and update activity;
 - 5.2.3 Provisioning of specific 911 routing information on each access line;
- 5.3 AT&T ILLINOIS shall provide an electronic interface to the ALI/DBMS database (or permit MCIm to provide its own data link to the 911 Gateway that interfaces to the ALI/DMS database), through which MCIm or its agent may provide a daily update of MCIm Customer Information. AT&T ILLINOIS shall provide MCIm with the record input format, consistent with NENA-02-001 and subsequent NENA formats (NENA Recommended Formats for Data Exchange). AT&T ILLINOIS shall provide error and statistical files from the ALI/DBMS database to MCIm within one (1) business day after MCIm or its agent enters information into the ALI/DBMS database.
 - 5.3.1 AT&T ILLINOIS' 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.
- 5.4 AT&T ILLINOIS shall provide MCIm query access to the ALI database, to verify the accuracy of MCIm Customer information, provided that MCIm has access to the 911 Gateway and subscribes to TC View (an on line tool).
- 5.5 AT&T ILLINOIS will process MCIm's End User Customer 911/E911 Record updates in the DBMS. AT&T ILLINOIS will then provide MCIm an error and statistical file. AT&T ILLINOIS and MCIm shall arrange for the automated input and periodic updating of 911/E911 database information related to MCIm's Customers.

- 5.6 AT&T ILLINOIS shall update the ALI/DMS database within two (2) business days after receiving the data from MCIm.
- 5.7 If AT&T ILLINOIS detects an error in the MCIm-provided data, the data shall be returned to MCIm within two (2) business days after it was provided to AT&T ILLINOIS. MCIm shall respond to requests from AT&T ILLINOIS to make corrections to database record errors by uploading corrected records within two (2) business days.
- 5.8 Manual entry shall not be allowed.
- 5.9 MCIm's end user customer records will be updated in the DBMS via the DBMS electronic interface. The ALI and SR databases will be subsequently updated via the DBMS once MCIm's end user customer records are updated in the DBMS. AT&T ILLINOIS will provide notification when MCIm's records have been entered into the ALI DBMS.
- 5.10 ALI DBMS discrepancy reports shall be jointly researched by AT&T ILLINOIS and MCIm. The responsible Party shall take immediate corrective action. AT&T ILLINOIS agrees to work expeditiously to correct any internal processing errors between the DBMS, SR and ALI databases.
- 5.11 AT&T ILLINOIS agrees to treat all data on MCIm's Customers provided under this Appendix as strictly confidential and to use data on MCIm's Customers only for the purpose of providing 911 or E911 Services, unless expressly requested by the Illinois Commerce Commission (ICC) or Federal Communications Commission (FCC).
- 5.12 Where MCIm is authorized to provide local telephone exchange service, AT&T ILLINOIS shall identify which ALI databases cover which counties, or parts thereof, and identify and communicate a point of contact for AT&T ILLINOIS.
- 5.13 AT&T ILLINOIS will provide to MCIm a complete copy of the Master Street Address Guide ("MSAG") that will specify valid address ranges for Customers within the Exchange Areas served by MCIm. The MSAG will be provided in a media and format usable with personal computers, free of charge once per month. AT&T ILLINOIS shall cooperate with MCIm to ensure the accuracy of information about MCIm Customers in the ALI database and shall assist in resolving any errors. AT&T ILLINOIS shall notify the E911 Customer of any errors in the MSAG concerning MCIm Customers. The MSAG will be provided by state.
- 5.14 Upon request, AT&T ILLINOIS will provide MCIm a data pull of all MCIm's existing end user records residing in the 911 database once per year at no charge to MCIm.

6. MCIm RESPONSIBILITIES

- 6.1 Database
 - 6.1.1 MCIm is responsible for providing AT&T ILLINOIS updates to the ALI database; in addition, MCIm is responsible for maintaining the accuracy and content of that data as delivered.
 - 6.1.2 MCIm is responsible for providing test records and conducting call-through testing on all new exchanges. However, if error resolution requires AT&T ILLINOIS' participation, MCIm will coordinate with AT&T ILLINOIS.

Formatted: Bullets and Numbering

6.2 Other

6.2.1 Intentionally Omitted

6.2.2 Intentionally Omitted.

6.2.3 MCIIm will be responsible for collecting from its end users and remitting to the appropriate municipality or other governmental entity any applicable 911 surcharges assessed on a local service provider and/or end users by any municipality or other governmental entity

7. METHODS AND PRACTICES

7.1 With respect to all matters covered by this Appendix, each Party will comply with all of the following to the extent that they apply to 911 and E911 Service: (i) all applicable FCC and state Commission rules and regulations; (ii) any applicable requirements imposed by any governmental authority other than a commission, and (iii) the principles expressed in the recommended standards published by NENA.

7.2 MCIIm will establish a minimum of two (2) dedicated trunks from MCIIm's Switch to each POI. MCIIm may, at its option, provide its own transport facilities, acquire such transport facilities from AT&T ILLINOIS through the applicable State Tariff, or obtain them from third parties. 911 Interconnection Trunk Groups must be, at a minimum, DS-0 level trunks configured as a 2-wire analog interface or as part of a digital (1.544 Mbps) interface at rates set forth in Appendix Pricing. Either configuration must use Centralized Automatic Message Accounting "CAMA" type signaling with MF tones that will deliver Automatic Number Identification "ANI" with the voice portion of the call, unless the 911/E911 selective router is SS7 capable, in which case MCIIm may require SS7 signaling. All 911 Interconnection trunk groups must be capable of transmitting and receiving Baudot code necessary to support the use of Telecommunications Devices for the Deaf ("TTY/TDD"s).

7.2.1 To ensure proper operation of an E911 system where SS7 signaling is used for 911 trunking, the parties agree to follow technical publication AM-TR-NIS-000152, Interconnection to an Ameritech 9-1-1 Selective Routing Switch via SS7 Trunks as a Substitute for CAMA Signaling, Issue 2, June 1, 2000 or any revisions thereto. AT&T ILLINOIS shall provide MCIIm a minimum of ninety (90) days notice of any changes to this document.

7.3 AT&T ILLINOIS shall assure sufficient capacity at the 911 tandem or SR to meet MCIIm's requests for interconnection within twenty (20) business days after receipt of the request. When AT&T ILLINOIS network force and load conditions require a longer implementation timeframe, AT&T ILLINOIS will notify MCIIm within five (5) business days after receipt of the request and the timeframe will be agreed upon. Interconnection to the 911 tandem or SR shall be established to provide path and route diversity when technically feasible.

7.4 AT&T ILLINOIS will adhere to the March 1997 NENA recommended Standards for Local Service Providers relating to provision of dedicated trunks from the end user customer's End Office Switch to AT&T ILLINOIS' SR. AT&T ILLINOIS will only exceed the NENA recommended Minimum Trunking Requirements for such trunks under extenuating circumstances and with the prior written approval of the 911 or E911 Customer.

7.5 AT&T ILLINOIS will provide the order number and circuit identification code in advance of the service due date.

- 7.6 In the event of an AT&T ILLINOIS or MCIm 911 or E911 trunk group failure, the Party that owns the trunk group will notify, on a priority basis, the other Party of such failure, which notification shall occur within two (2) hours of the occurrence or sooner if required under Applicable Law. The Parties will exchange a list containing the names and telephone numbers of the support center personnel responsible for maintaining 911/E911 Service between the Parties.
- 7.7 MCIm will be responsible for the isolation, coordination and restoration of all 911 network maintenance problems to MCIm's demarcation (e.g. collocation). AT&T ILLINOIS will be responsible for the coordination and restoration of all 911 network maintenance problems beyond the demarcation (e.g. collocation). MCIm is responsible for advising AT&T ILLINOIS of the circuit identification when notifying AT&T ILLINOIS of a failure or outage. The Parties agree to work cooperatively and expeditiously to resolve any 911 outage. AT&T ILLINOIS will refer network trouble to MCIm if no defect is found in AT&T ILLINOIS' network. The Parties agree that 911-network problem resolution will be managed in an expeditious manner at all times.

8. CONTINGENCY

- 8.1 The terms and conditions of this section represent a negotiated plan for CLECs not currently providing 911 or E911 Service.
- 8.2 The Parties agree that 911 and E911 Service is provided for the use of the 911 or E911 Customer, and recognize the authority of that customer to establish service specifications and grant final approval (or denial) of service configurations offered by AT&T ILLINOIS and MCIm. These specifications (if any) shall be documented in the 9-1-1 Trunk Group Request Form (TGRF). MCIm shall complete its portion of the 9-1-1TGRF and submit it to AT&T ILLINOIS. AT&T ILLINOIS shall complete its portion of the 9-1-1 TGRF and provide MCIm with approval to issue an Access Service Request (ASR) for the service configuration specified on the TGRF.

9. BASIS OF COMPENSATION

- 9.1 Rates for access to 911 and E911 Services are set forth in Appendix Pricing.
- 9.2 Charges shall begin on the date that 911 or E911 Service is turned on for live traffic.

10. LIABILITY

- 10.1 In addition to the requirements of this Appendix 911, the Parties agree 911 and E911 Services will be provided in accordance with Applicable Law.
- 10.2 The Parties' liability with respect to 911/E911 services shall be governed by the provisions of the General Terms and Conditions of this agreement.

11. 911 TRUNKING ARRANGEMENTS

- 11.1 The Parties shall comply with 911 trunking arrangements including any applicable exceptions/waivers set forth in Appendix Network of this Agreement

NETWORK INTERCONNECTION METHODS/INTERCONNECTION TRUNKING

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This Appendix Network sets forth the terms and conditions for (1) Network Interconnection Methods (as set forth in sections 1 – 6) and (2) Interconnection Trunking Requirements (as set forth in sections 7 – 21) between the Parties' networks. For the purposes of this Appendix, "facilities" are the physical paths by which traffic is carried between the Parties' networks. "Trunking" requirements are the capacity needs related to the number of ports in a switch to support the amount of traffic being handed off between the networks.

1. DEFINITIONS

- 1.1 "Access Tandem" 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 Intentionally Omitted.
- 1.3 "End Office" or "End Office Switch" is as defined in Appendix Definitions.
- 1.4 Intentionally Omitted.
- 1.5 "IntraLATA Toll" traffic describes IntraLATA Traffic between two locations within one LATA where one of the locations lies outside the local calling area defined by the AT&T ILLINOIS tariff approved by the Commission.
- 1.6 "ISP-Bound Traffic" is as defined in Appendix Reciprocal 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" 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.
- 1.9 Intentionally Omitted.
- 1.10 "Local Interconnection Trunk Groups" are defined as trunk groups designated to exchange (between AT&T and MCIm) Section 251(b)(1) Traffic, (ii) ISP-Bound Traffic, and (iii) IntraLATA toll Traffic (delivered by AT&T or MCIm on behalf of their respective end users).
- 1.11 "Local/IntraLATA Tandem" 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.
- 1.12 Intentionally Omitted.
- 1.13 Intentionally Omitted.
- 1.14 A "Point of Interconnection" ("POI") is a physical point on AT&T ILLINOIS' network where AT&T ILLINOIS' and MCIm's networks meet and where traffic is delivered to each other. Each Party remains responsible for the facilities on its side of the POI.
- 1.15 Intentionally Omitted.
- 1.16 Section 251(b)(5) Traffic is as defined in Appendix Reciprocal Compensation.

- 1.17 "Section 251(b)(5)/IntraLATA Traffic" shall mean for purposes of this Appendix, (i) Section 251(b)(5) Traffic, (ii) ISP-Bound Traffic, (iii) IntraLATA toll Traffic originating from an end user obtaining local dial tone from MCIm where MCIm is both the Section 251(b)(5) Traffic and IntraLATA toll provider, and/or (iv) IntraLATA Toll Traffic originating from an end user obtaining local dialtone from AT&T ILLINOIS where AT&T-ILLINOIS is both the Section 251(b)(5) Traffic and IntraLATA toll provider.
- 1.18 "Trunk" or "Trunk Group" is as defined in Appendix Definitions.

2. NETWORK INTERCONNECTION METHODS

- 2.1 Upon request by MCIm, AT&T ILLINOIS shall provide interconnection for the facilities and equipment of MCIm with AT&T ILLINOIS' network for the transmission and routing of Telephone Exchange Service and Exchange Access at any Technically Feasible POI inside the geographical areas in which AT&T ILLINOIS is the Incumbent LEC and within AT&T ILLINOIS' network. The interconnection must be at least equal in quality to that provided by AT&T ILLINOIS to itself or to any subsidiary, Affiliate, or any Third Party to which AT&T ILLINOIS provides Interconnection. AT&T ILLINOIS shall provide Interconnection on rates, terms and conditions that are just, reasonable and nondiscriminatory in accordance with the terms and conditions of this Agreement and the requirements of the Act.
- 2.2 In accordance with the requirements of this Agreement, the Parties shall establish POI(s) at any Technically Feasible point inside the geographical areas in which AT&T ILLINOIS is the Incumbent LEC and within AT&T ILLINOIS' network by any Technically Feasible means established herein, including, but not limited to, a Fiber Meet.
- 2.3 If MCIm determines to establish new or change existing Interconnection arrangements with AT&T ILLINOIS, it will provide written notice of the need to establish or change such Interconnection to AT&T ILLINOIS. Upon receipt of MCIm's notice to interconnect, the Parties shall within thirty (30) days or other mutually agreed to timeframe schedule a meeting to negotiate and mutually agree on the network architecture (including trunking). The Interconnection Activation date will be mutually agreed upon and will begin based on a reasonable schedule established at these meetings.
- 2.4 If either Party deploys additional Tandems and/or End Office switches in a LATA after the Effective Date or otherwise wishes to establish Interconnection with additional switches in such LATA, the Parties will work cooperatively to establish such Interconnection.
- 2.5 MCIm is solely responsible for the facilities that carry OS/DA, 911, and Meet-Point trunk groups.
- 2.6 The physical architecture plan will, at a minimum, include the location of MCIm's switch(es) and AT&T ILLINOIS' End Office switch(es) and/or Tandem switch(es) to be interconnected, the facilities that will connect the two networks and which Party will provide (be financially responsible for) the Interconnection facilities.
- 2.7 The Parties will designate Points of Interconnection for demarcation of the Parties' networks for purposes of maintenance and provisioning. AT&T ILLINOIS will be responsible for engineering and maintaining its network on its side of the Points of Interconnection. MCIm will be responsible for engineering and maintaining its network on its side of the Points of Interconnection.

3. NETWORK ARCHITECTURE AND POINTS OF INTERCONNECTION

- 3.1 Each Party is responsible, including financially, for the facilities and engineering on its side of the POI(s). Each Party is responsible for the appropriate sizing, operation and maintenance of the transport facility to the POI(s). The Parties agree to provide sufficient facilities for the Interconnection trunk groups required for the exchange of traffic between MCIm and AT&T ILLINOIS.
- 3.2 Neither Party shall dismantle any established POI unless it either reaches an agreement with the other Party or receives Commission approval.

4. METHODS OF INTERCONNECTION**4.1 Physical Collocation**

- 4.1.1 When MCIm provides its own facilities or uses the facilities of a 3rd Party to an AT&T ILLINOIS Tandem or End Office and wishes to place its own transport terminating equipment at that location, MCIm may interconnect using the provisions of Physical Collocation as set forth in Appendix Collocation.

4.2 Virtual Collocation

- 4.2.1 When MCIm provides its own facilities or uses the facilities of a 3rd Party to an AT&T ILLINOIS Tandem or End Office and wishes for AT&T ILLINOIS to place transport terminating equipment at that location on MCIm's behalf, they may interconnect using the provisions of Virtual Collocation as set forth in Appendix Collocation.

4.3 Methods of Interconnection Without Collocation

- 4.3.1 When MCIm does not wish to collocate transport terminating equipment at an AT&T ILLINOIS Tandem or End Office, MCIm may:
 - (i) self provision, or
 - (ii) deploy third party interconnection facilities.

4.4 Fiber Meet Interconnection

- 4.4.1 Fiber Meet Interconnection between AT&T ILLINOIS and MCIm can occur at any mutually agreeable and technically feasible point between MCIm's premises and an AT&T ILLINOIS Tandem or End Office within each local exchange area. The Parties may mutually agree to other design options.
- 4.4.2 Where the Parties interconnect their networks pursuant to a Fiber Meet, the Parties shall jointly engineer and operate the Interconnection as described herein. Only Local Interconnection Trunk Groups shall be provisioned over this facility. Additional arrangements may be mutually developed and agreed to by the Parties pursuant to the requirements of this section.
- 4.4.3 Neither Party will be allowed to access the Data Communications Channel ("DCC") of the other Party's Fiber Optic Terminal (FOT). The Fiber Meet will be designed so that each Party may, as far as is technically feasible, independently select the transmission, multiplexing, and fiber terminating equipment to be used

on its side of the POI(s). The Parties will work cooperatively to achieve equipment and vendor compatibility of the FOT equipment. Requirements for such Interconnection specifications will be defined in joint engineering planning sessions between the Parties. The Parties will use good faith efforts to develop and agree on these facility arrangements within ninety (90) days of the determination by the Parties that such specifications shall be implemented, and in any case, prior to the establishment of any Fiber Meet arrangements between them.

- 4.4.3.1 When a DS3 handoff is agreed to by the Parties, AT&T ILLINOIS will provide any multiplexing required for DS1 facilities or trunking at their end and MCIIm will provide any DS1 multiplexing required for facilities or trunking at their end.
- 4.4.4 The Parties will mutually agree on the minimum data rate hand off of the SONET transmission system and it will be determined during implementation meetings. The Parties may agree to an initial minimum deployment of facilities at the OC48 level.
 - 4.4.4.1 AT&T ILLINOIS shall, wholly at its own expense, procure, install, and maintain the specified Fiber Optic Terminal ("FOT") equipment in each AT&T ILLINOIS Wire Center where the Parties establish a Fiber Meet. The FOT must have capacity sufficient to provision and maintain all Local Interconnection Trunk Groups in accordance with the requirements of this Appendix.
 - 4.4.4.2 MCIIm shall, wholly at its own expense, procure, install and maintain the specified FOT equipment in each MCIIm Wire Center where the Parties establish a Fiber Meet. The FOT must have capacity sufficient to provision and maintain all Local Interconnection Trunk Groups in accordance with the requirements of this Appendix.
 - 4.4.4.3 There are two basic Fiber Meet design options available as described below. The option selected must be mutually agreeable to both Parties. Additional arrangements may be mutually developed and agreed to by the Parties pursuant to the requirements of this section.
 - 4.4.4.3.1 Design One: MCIIm and AT&T ILLINOIS shall provide two fibers between their locations. This design may only be considered where existing fibers are available and there is a mutual benefit to both Parties. AT&T ILLINOIS will provide the fibers associated with the "working" side of the system. MCIIm will provide the fibers associated with the "protection" side of the system. The Parties will work cooperatively to terminate each other's fiber in order to provision this joint point-to-point linear chain SONET system. Both Parties will work cooperatively to determine the appropriate technical handoff for purposes of demarcation and fault isolation. The POI will be defined as being at the AT&T ILLINOIS location.
 - 4.4.4.3.2 Design Two: MCIIm will provide fiber cable to the last entrance (or AT&T ILLINOIS designated) manhole at the AT&T ILLINOIS Tandem or End Office switch. AT&T ILLINOIS shall make all necessary preparations to receive

and to allow and enable MCIm to deliver fiber optic facilities into that manhole. MCIm will provide a sufficient length of Fiber cable for AT&T ILLINOIS to pull through the AT&T ILLINOIS cable vault. MCIm shall deliver and maintain such strands wholly at its own expense up to the POI. AT&T ILLINOIS shall take the fiber from the manhole and terminate it inside AT&T ILLINOIS' office at the cable vault at AT&T ILLINOIS' expense. In this case the POI shall be at the AT&T ILLINOIS designated manhole location.

- 4.4.5 Each Party shall provide its own, unique source for the synchronized timing of its FOT equipment. Both Parties agree to establish separate and distinct timing sources, which are not derived from the other, and meet the criteria identified above.

4.5 Other Interconnection Methods

- 4.5.1 AT&T ILLINOIS shall provide any other technically feasible Interconnection method mutually agreed to by the Parties.

5. INTENTIONALLY OMITTED

6. SIZING AND STRUCTURE OF INTERCONNECTION FACILITIES

- 6.1 The Parties shall work cooperatively to install and maintain efficient and reliable Interconnection arrangements.
- 6.2 The capacity of Interconnection facilities provided by each Party will be based on mutual forecasts and sound engineering practice, as agreed by the Parties during planning and forecasting meetings. The Parties will mutually agree to determine the appropriate sizing for facilities based on these standards.
- 6.3 The Parties shall work cooperatively to ensure the adequacy of Interconnection facilities. The Parties shall begin discussion to plan facility relief when the overall system facility is at fifty percent (50%) of capacity, or as otherwise agreed. Facilities will be augmented to ensure adequate facility capacity for at least two years of forecasted traffic. Both Parties will negotiate a project service date and corresponding work schedule to construct relief facilities prior to facilities exhaust.

7. INTERCONNECTION TRUNKING ARRANGEMENTS

7.1 General

- 7.1.1 The Parties will establish Local Interconnection Trunk Groups.

7.1.1.1 Intentionally Omitted.

- 7.1.2 The Parties will establish other Interconnection trunk groups as may be required for the exchange of other traffic, including but not limited to Meet Point, Mass Calling, 911, and Operator Services and Directory Assistance.

- 7.1.3 MCIm shall have administrative control over the ASR in the establishment of Interconnection trunk groups in addition to the initial combinations described above.

7.1.4 Unless otherwise agreed to, each Party shall deliver all traffic destined to terminate at either party's Switch in accordance with the serving arrangements defined in this Agreement and the LERG.

7.1.5 Where the Parties deliver miscellaneous calls (i.e., time, weather, etc.) destined for each other over the Local Interconnection Trunk Groups, the Parties shall deliver the traffic in accordance with the serving arrangements defined in the LERG.

7.2 Technical Interfaces

7.2.1 When interconnecting at AT&T ILLINOIS' switches, the Parties have a preference for use of B8ZS ESF trunks for all traffic between their networks. Where available, each Party shall cooperate to ensure that its trunk groups are configured utilizing the B8ZS ESF protocol. Where AMI trunks are used, either Party may request upgrade to B8ZS ESF when such equipment is available and deployed.

7.2.2 The Parties agree to provide facility electrical handoffs of DS1 or DS3 and at optical handoffs of OCn levels where available and mutually agreed between the Parties.

8. TRUNKING

8.1 AT&T ILLINOIS deploys in its network Tandems that switch Section 251 (b)(5) and ISP-Bound only traffic, Tandems that switch IntraLATA and InterLATA traffic (Access Tandem), Tandems that switch Section 251(b)(5)/IntraLATA Traffic only, and Tandems that switch both Section 251 (b)(5) and ISP-Bound Traffic and IntraLATA/InterLATA traffic (local/Access Tandem). In addition AT&T ILLINOIS deploys Tandems that switch ancillary traffic such as 911 (911 Tandem), Operator Services/ Directory Assistance (OPS/DA Tandem), and mass calling (choke Tandem). Traffic on Tandem trunks does not terminate at the Tandem but is switched to other trunks that terminate the traffic in End Offices and ultimately to end user customers.

8.2 For interconnection trunks established after the Effective Date of this Agreement, two-way trunking shall be established for all Local Interconnection Trunk Groups. The Parties agree to exchange traffic data on two-way trunks and to implement such an exchange within three (3) months of the date that two-way trunking is established and the trunk groups begin passing live traffic, or another date as agreed to by the Parties. Exchange of traffic data will permit each company to have knowledge of the offered and overflow load at each end of the two-way trunk group, and thereby enable accurate and independent determination of performance levels and trunk requirements. The Parties agree to the electronic exchange of data as described in the Trunk Data Exchange section below.

8.3 End Office Trunk Groups

8.3.1 Direct End Office trunks terminate traffic from a MCIm switch to an AT&T ILLINOIS End Office and are not switched at a Tandem location. MCIm shall establish a two-way direct End Office trunk group when End Office traffic requires twenty-four (24) or more trunks. Overflow from either end of the Direct End Office trunk group will be alternate routed to the appropriate Local Tandem unless the End Office does not subtend any local tandem. All traffic received by

AT&T ILLINOIS on the Direct End Office trunk group from MCIm must terminate in the End Office, i.e. no Tandem switching will be performed in the End Office.

- 8.4 In addition to the Interconnection trunking arrangements described above, either party may establish End Office-to-End Office or End Office-to-Tandem or Tandem-to-Tandem trunk groups. In the case of host-remote End Offices, trunking arrangements may be established at the location of the host.
- 8.5 The Parties recognize that embedded one-way trunks exist for Section 251 (b)(5)/IntraLATA Traffic via end point meet facilities. The Parties agree the existing one-way trunking architecture may remain in place and be augmented for growth as needed. The Parties may subsequently agree to negotiate a transition plan to migrate the embedded one-way trunks to two-way trunks via a Fiber Meet architecture. The Parties will coordinate any such migration, trunk group prioritization, and implementation schedule. The Parties agree to develop a cutover plan and project manage the cutovers.
- 8.6 Traffic Direction
 - 8.6.1 The Parties shall not apportion the cost for two-way trunks based upon each Party's relative use (i.e. traffic direction) of such trunks.
- 8.7 Tandem Trunk Groups – Single Tandem LATAs
 - 8.7.1 MCIm shall establish direct trunking to an AT&T ILLINOIS tandem if busy hour traffic reaches the DS-1 for three consecutive months.
- 8.8 Tandem Trunk Groups – Multiple Tandem LATAs
 - 8.8.1 MCIm shall establish direct trunking to an AT&T ILLINOIS tandem if busy hour traffic reaches the DS-1 for three consecutive months.

9. MEET POINT TRUNKING ARRANGEMENTS

- 9.1 IXC-carried intraLATA and interLATA toll traffic shall be transported between MCIm's Central Office and AT&T ILLINOIS' Access Tandem over a "Meet Point" Trunk Group separate from Section 251 (b)(5)/IntraLATA Traffic Except for any embedded based of one-way trunks existing as of the Effective Date, InterLATA trunk groups will be set up as two-way and will utilize SS7 signaling, except Multi-Frequency ("MF") signaling will be used on a separate "Meet Point" trunk group to complete originating calls to switched access customers that use MF FGD signaling protocol.
- 9.2 Meet Point Interconnection Trunk Groups will be established between MCIm's Switch and AT&T ILLINOIS Access or combined Local Access Tandem to transport InterLATA traffic separate from Section 251 (b)(5)/IntraLATA Traffic. The Parties will establish separate trunk groups to each AT&T ILLINOIS Access Tandem under which MCIm's NXXs home.
- 9.3 Intentionally Omitted.
- 9.4 Intentionally Omitted.
- 9.5 Intentionally Omitted.
- 9.6 Intentionally Omitted.

- 9.7 AT&T ILLINOIS will not block switched access customer traffic delivered to the AT&T ILLINOIS Tandem for completion on MCIm's network. In no event will AT&T ILLINOIS be required to route such traffic through more than one Tandem for connection to/from switched access customers. AT&T ILLINOIS shall have no responsibility to ensure that any switched access customer will accept traffic that MCIm directs to the switched access customer.
- 9.8 Toll Free Trunking Arrangements
- 9.8.1 If MCIm chooses AT&T ILLINOIS to handle 800/(8YY) database queries from its switches, all MCIm originating 800/(8YY) traffic will be routed over the InterLATA Meet Point Trunk Group. This traffic will include a combination of both Interexchange Carrier (IXC), 800/(8YY) service and MCIm 800/(8YY) service that will be identified and segregated by carrier through the database query handled through AT&T ILLINOIS Tandem switch.
- 9.8.2 MCIm may handle its own 800/8YY database queries from its switch. If so, MCIm will determine the nature (local/IntraLATA/InterLATA) of the 800/8YY call based on the response from the database. If the query determines that the call is a local or IntraLATA 800/8YY number, MCIm will route the post-query local or IntraLATA converted ten-digit local number to AT&T ILLINOIS over the Local Interconnection Trunk Groups. In such case, MCIm is to provide an 800/8YY billing record when appropriate. If the query reveals the call is an InterLATA 800/8YY number, MCIm will route the post-query InterLATA call (800/8YY number) directly from its switch for carriers interconnected with its network or over the meet point group to carriers not directly connected to its network but are connected to AT&T ILLINOIS' Access Tandem. Calls will be routed to AT&T ILLINOIS over the Local Interconnection Trunk Groups and InterLATA trunk groups within the LATA in which the calls originate.
- 9.8.3 Intentionally Omitted
- 9.8.4 All originating Toll Free Service (800/8YY) calls for which MCIm requests that AT&T-ILLINOIS perform the Service Switching Point ("SSP") function (e.g., perform the database query) shall be delivered using GR-394 format over the Meet Point Trunk Group. Carrier Code "0110" and Circuit Code (to be determined for each LATA) shall be used for all such calls.
- 9.8.5 All post-query Toll Free Service (800/8YY) calls for which MCIm performs the SSP function, if delivered to AT&T-13STATE, shall be delivered using GR-394 format over the Meet Point Trunk Group for calls destined to IXCs, or shall be delivered by MCIm using GR-317 format over the Local Interconnection Trunk Group for calls destined to End Offices that directly subtend the Tandem.

10. 911 TRUNKING ARRANGEMENTS

- 10.1 Upon request, AT&T ILLINOIS will provide nondiscriminatory access to its 911/E911 facilities and databases, equal in quality to that provided to itself, facilitating the provision of service to MCIm. The Parties agree to provide access to 911/E911 in a manner that is transparent to the Customer. The Parties will work together to facilitate the prompt, reliable, and efficient Interconnection of MCIm's systems to AT&T ILLINOIS' 911/E911 platforms, with a level of performance that will provide at least the same grade of service as that which AT&T ILLINOIS provides to itself, its Customers, subsidiaries, Affiliates or any third-party.

- 10.2 Subject to section 10.2.1 below (Trunking Exception), MCIm, with AT&T ILLINOIS' cooperation shall establish dedicated trunks from MCIm's Central Office to each AT&T ILLINOIS 911/E911 Selective Router (i.e., 911 Tandem Office) for the provision of 911/E911 services and for access to all subtending PSAPs ("911 Interconnection Trunk Groups"). MCIm may establish such Interconnection by providing its own facilities/trunks, or by leasing such facilities/trunks from a third party.
- 10.2.1 **TRUNKING EXCEPTION** The Parties agree that MCIm shall not be required to establish 911 trunking or interconnection to AT&T ILLINOIS' 911 Selective Routers in rate centers where MCIm does not originate local (dial tone) traffic for its end user customers ("Non-Dial Tone Rate Centers"). MCIm shall identify such Non-Dial Tone Rate Centers when completing the "MCIm to AT&T Network Information Sheet" ("NIS") and AT&T ILLINOIS specifically agrees that no other notification shall be required of MCIm. AT&T ILLINOIS shall not be required to provide 911 services for those Non-Dial Tone Rate Centers designated by MCIm on a NIS. MCIm agrees that it will not originate dial tone service for its customers in such Non-Dial Tone Rate Centers until 911 connectivity has been established pursuant to the requirements of this Agreement and Applicable Law. MCIm acknowledges that, if MCIm wishes to begin offering originating dial tone service in a Non-Dial Tone Rate Center, the establishment of 911 connectivity for these existing rate centers shall be subject to the same intervals for establishing 911 connectivity that are applicable to new rate centers. When MCIm designates a rate center as a Non-Dial Tone Rate Center, MCIm agrees to indemnify AT&T ILLINOIS, in accordance with the requirements of the General terms, for any 911 claims made by MCIm's customers in that Non-Dial Tone Rate Center arising from MCIm's decision not to interconnect with AT&T ILLINOIS' 911 Selective Routers in that Non-Dial Tone Rate Center.
- 10.3 AT&T ILLINOIS shall assure sufficient capacity at the 911 selective router to meet MCIm's requests for Interconnection within twenty (20) business days after receipt of the request. When AT&T ILLINOIS network force and load conditions require a longer implementation timeframe, AT&T ILLINOIS will notify MCIm within five (5) business days after receipt of the request and the timeframe will be agreed upon. AT&T ILLINOIS is not responsible to provide diversity for MCIm to the 911 selective router.
- 10.4 AT&T ILLINOIS shall provide the following information to MCIm, and shall promptly notify MCIm of any changes:
- 10.4.1 AT&T ILLINOIS processes and requirements for ordering trunks for 911 service and Interconnection to the 911 selective router.
- 10.4.2 Trunk group specifications.
- 10.4.3 E911 tandem CLLI codes, circuit IDs, point codes, LEC order number, and TS (Two Six) code and address.
- 10.4.4 Intentionally Omitted.
- 10.4.5 Maintenance procedures for 911 trunk groups, including, but not limited to, contact names and numbers, escalation lists, and the hours that maintenance is available.
- 10.4.6 Intentionally Omitted.
- 10.5 Intentionally Omitted.

- 10.6 Incoming trunks for 911 shall be engineered to assure minimum P.01 grade of service as measured using the "busy day/busy hour" criteria.
- 10.7 Interconnection for Primary and Diverse Routes. MCIm's Point of Interconnection (POI) for E911/911 Service shall be at the AT&T ILLINOIS 911 Selective Router. These facilities are the financial responsibility of MCIm. MCIm shall pay tariff charges for diverse routes. MCIm will be responsible for determining and ordering the proper quantity of E911/911 trunks. These trunks shall be delivered by AT&T ILLINOIS within twenty (20) business days after receipt of the order. If AT&T ILLINOIS requires additional information, MCIm agrees to cooperate to provide such information in order to complete the order. When AT&T ILLINOIS network force and load conditions require a longer implementation timeframe, AT&T ILLINOIS will notify MCIm within five (5) business days after receipt of the request and the timeframe will be agreed upon. Following delivery, MCIm and AT&T ILLINOIS will cooperate to promptly test all E911/911 trunks and transport facilities between MCIm's network and the AT&T ILLINOIS Selective Router to assure proper functioning of the 911 service. MCIm will not turn-up live 911 traffic until successful call through testing is completed by both Parties.
- 10.8 Except as set forth in Section 10.2 of this Appendix Network, MCIm will be responsible for providing a separate 911 trunk group for each rate center, county or geographic area that MCIm serves, if such rate center, county or geographic area has a separate default routing condition. In addition, in the case of CAMA MF trunks, only one (1) NPA of traffic may be transmitted over a single 911 trunk group. When a unique default routing condition is present, MCIm shall provide sufficient trunking and facilities to accommodate those default PSAP requirements. MCIm is responsible for requesting and payment of facilities routed diversely for 911 interconnection.
- 10.9 MCIm will be responsible for determining the proper quantity of trunks and facilities from its switch(es) to the AT&T ILLINOIS 911 selective router Office(s).
- 10.10 MCIm shall provide sufficient facilities/trunks to route MCIm originating 911 calls to the 911 selective router. MCIm is responsible to request and pay for facilities routed diversely for 911 interconnection.
- 10.11 Intentionally Omitted.
- 10.12 MCIm shall monitor the 911 trunks for the purpose of determining originating network traffic volumes. MCIm will notify AT&T ILLINOIS if the traffic study information indicates that additional circuits are required to meet the current level of 911 call volumes. If the traffic study indicates that additional trunks are needed to meet the current level of 911 call volumes, MCIm shall request and pay for facilities carrying additional trunks from AT&T ILLINOIS at the applicable access tariff rates.
- 10.13 Where 911 interconnection is established, MCIm acknowledges that its End Users in a single local calling scope may be served by different selective routers and MCIm shall be responsible for providing facilities to route calls from its End Users to the proper 911 selective router.

11. HIGH VOLUME CALLING TRUNK GROUPS

- 11.1 The Parties will cooperate to establish separate trunk groups for the completion of calls to high volume customers, such as radio contest lines.

- 11.2 A dedicated trunk group shall be required to the designated Public Response HVCI/Mass Calling Network Access Tandem in each serving area. This trunk group shall be one-way outgoing only and shall utilize MF signaling. As the HVCI/Mass Calling trunk group is designed to block all excessive attempts toward HVCI/Mass Calling NXXs, it is necessarily exempt from the one percent blocking standard described elsewhere for other final local Interconnection trunk groups. MCIm will have administrative control for the purpose of issuing ASRs on this one-way trunk group.

- 11.3 It is recommended that this group shall be sized as follows:

Number of Access Lines Served	Number of Mass Calling Trunks
0 – 10,000	2
10,001 – 20,000	3
20,001 – 30,000	4
30,001 – 40,000	5
40,001 – 50,000	6
50,001 – 60,000	7
60,001 – 75,000	8
75,000 +	9 maximum

- 11.4 If MCIm should acquire a HVCI/Mass Calling customer, i.e. a radio station, MCIm shall notify AT&T ILLINOIS of the need to establish a one-way outgoing SS7 or MF trunk group from the AT&T ILLINOIS HVCI/Mass Calling Serving Office to the MCIm customer's serving office and AT&T ILLINOIS shall establish this trunk group.

- 11.5 If MCIm finds it necessary to issue a new choke telephone number to a new or existing HVCI/Mass Calling customer, MCIm may request a meeting to coordinate with AT&T ILLINOIS the assignment of HVCI/Mass Calling telephone number from the existing choke NXX. In the event that MCIm establishes a new choke NXX, MCIm must notify AT&T ILLINOIS a minimum of ninety (90) days prior to deployment of the new HVCI/Mass Calling NXX. AT&T ILLINOIS will perform the necessary translations in its End Offices and Tandem(s) and issue ASR's to establish a one-way outgoing SS7 or MF trunk group from the AT&T ILLINOIS Public Response HVCI/Mass Calling Network Access Tandem to MCIm's choke serving office.

- 11.6 Intentionally Omitted

12. OPERATOR SERVICES TRUNKING ARRANGEMENTS

- 12.1 If AT&T ILLINOIS agrees through a separate appendix or contract to provide Operator Services for MCIm the following trunk groups are required:

12.1.1 Where MCIm purchases Operator Services from AT&T ILLINOIS, the Parties will establish separate trunk groups from MCIm's Switch to AT&T ILLINOIS operator switch ("Operator Services Trunk Groups").

12.1.2 When AT&T ILLINOIS' operator is under contract to provide Busy Line Verification/Emergency Interrupt service to MCIm's end user customer, AT&T ILLINOIS will utilize a separate one-way trunk group using MF signaling, from AT&T ILLINOIS' Operator Services Tandem to MCIm's Switch.

- 12.2 If MCIm does not purchase unbundled Operator Services from AT&T ILLINOIS, the Parties may interconnect their respective OS platforms for the purposes of inward operator assistance, (see Appendix Inward), as follows:

12.2.1 The parties shall mutually agree on the physical interconnection necessary to route these call, subject to the Dispute Resolution section of the General Terms and Conditions of the Agreement.

12.2.2 Intentionally Omitted.

13. DIRECTORY ASSISTANCE TRUNKING ARRANGEMENTS

- 13.1 MCIm may contract for DA services only. A segregated trunk group for these services will be required to the appropriate AT&T ILLINOIS Operator Services Tandem in the LATA for the NPA MCIm wishes to serve. This trunk group is setup as one way outgoing only and utilizes Modified Operator's Services Signaling (2 Digit Automatic Number Identification (ANI)). MCIm will have administrative control for the purpose of issuing ASR's on this one-way trunk group.

14. SIGNALING

- 14.1 Where Signaling System 7 (SS7) is deployed, the Parties will use SS7 signaling as defined in GR-317 and GR-394, including ISDN User Part ("ISUP") for trunk signaling and Transaction Capabilities Application Part ("TCAP") for SS7 based features. The Parties may interface with one another on an SS7 basis either directly or through a Third Party. The Parties will cooperate in the exchange of TCAP messages to facilitate full interoperability of SS7 based features between their respective networks, including CLASS features and functions, to the extent each carrier offers these features and functions to its own end user customers. The Parties shall exchange unaltered SS7 signaling parameters, including, but not limited to, Automatic Number Identification (ANI), Calling Party Number (CPN), Calling Party Category, Charge Number, Originating Line Information (OLI), etc. Privacy indicators will be honored by the parties.
- 14.2 Where available, the Parties will provide network signaling information such as Transit Network Selection ("TNS") parameter, Carrier Identification Codes ("CIC"), Common Channel Signaling (CCS) Platform and CIC/OZZ information (non-CCS environment) at no charge wherever this information is needed for call routing or billing. The Parties will follow all industry standards pertaining to TNS and CIC/OZZ codes.

15. INTENTIONALLY OMITTED

16. FORECASTING

- 16.1 MCIm agrees to provide an initial non-binding trunk forecast for establishing the initial Interconnection trunks. AT&T ILLINOIS shall review this forecast and if it has any additional information that will change the forecast shall provide this information to MCIm. Subsequent forecasts shall be provided on a semi-annual basis, not later than January 1 and July 1 in order to be considered in the semi-annual publication of the AT&T ILLINOIS General Trunk Forecast. These forecasts should include yearly forecasted trunk quantities for all appropriate trunk groups described in this Appendix for a minimum of three (3) years. Parties agree to the use of Common Language Location Identification (CLLI) coding.
- 16.2 AT&T ILLINOIS shall accommodate all orders for trunks within forecast. Orders for trunks that exceed forecasted quantities for forecasted locations by more than 48

additional DS-0 trunks for each Local Interconnection Trunk Group will be accommodated as facilities or equipment becomes available. Parties shall make all reasonable efforts and cooperate in good faith to develop alternative solutions to accommodate orders when facilities are not available.

- 16.3 If forecast quantities are in dispute by more than 48 additional DS-0 trunks for each Local Interconnection Trunk Group, the Parties shall meet to reconcile the forecast to within 48 DS-0 trunks.
- 16.4 The semi-annual forecasts shall include:
- 16.4.1 Yearly forecasted trunk quantities (which include measurements that reflect actual Tandem local Interconnection and InterLATA trunks, End Office Local Interconnection trunks, and Tandem subtending Local Interconnection End Office equivalent trunk requirements) for a minimum of three (current and plus 1 and plus 2) years; and
- 16.4.2 A description of major network projects anticipated for the following six months. Major network projects include trunking or network rearrangements, shifts in anticipated traffic patterns, orders greater than four (4) DS1's, or other activities that are reflected by a significant increase or decrease in trunking demand for the following forecasting period.
- 16.5 Each Party shall provide a specified point of contact for planning, forecasting, and trunk servicing purposes.
- 16.6 MCIm and AT&T ILLINOIS will review engineering requirements on a semi-annual basis and establish forecasts for facilities utilization provided under this Appendix.

17. TRUNK DESIGN BLOCKING CRITERIA

- 17.1 Trunk requirements for forecasting and servicing shall be based on the blocking objectives shown in Table 1. Trunk requirements shall be based upon time consistent average busy season busy hour twenty (20) day averaged loads applied to industry standard Neal-Wilkinson Trunk Group Capacity algorithms (use Medium day-to-day Variation and 1.0 Peakedness factor until actual traffic data is available).

TABLE 1

Trunk Group Type	Design Blocking Objective
Local Tandem	1%
Local Direct End Office (Primary High)	ECCS ¹
Local Direct End Office (Final)	1 %
IntraLATA	1%
Local/IntraLATA	1%
InterLATA (Meet Point) Tandem	0.5%
911	1%
Operator Services (DA/DACC)	1%
Operator Services (0+, 0-)	1%
Busy Line Verification-Inward Only	1%

¹ During implementation the Parties will mutually agree on an ECCS or some other means for the sizing of this trunk group.

18. TRUNK SERVICING

- 18.1 Trunk sizing responsibilities for Operator Services trunks used for stand-alone Operator Service are the sole responsibility of MCIm.
- 18.2 Utilization shall be defined as Trunks required as a percentage of Trunks In Service. Trunks required shall be determined using methods described in this Appendix using Design Blocking Objectives stated above.
- 18.3 Each Party agrees to service trunk groups to the foregoing blocking criteria in a timely manner when trunk groups exceed measured blocking thresholds.
- 18.4 Orders between the Parties to establish, add, change or disconnect trunks shall be processed by using an Access Service Request (ASR). MCIm will have administrative control for the purpose of issuing ASR's on one-way or two-way trunk groups. The Parties agree that neither party shall alter trunk sizing without first conferring with the other Party.
- 18.5 Both Parties may send an ASR or a Trunk Group Service Request (TGSR) to the other party to trigger changes to the Local Interconnection Trunk Groups based on capacity assessment. The TGSR is a standard industry support interface. MCIm's preference is to use the ASR process to trigger changes to Local Interconnection Trunk Groups. Upon receipt of a TGSR, the receiving Party will issue an ASR to the other Party within ten (10) business days. The intervals used for the provisioning process will be the same as those used for AT&T ILLINOIS Switched Access service.
- 18.6 BLOCKING - In a blocking final situation, a TGSR will be issued by AT&T ILLINOIS when additional capacity is required to reduce measured blocking to objective design blocking levels based upon analysis of trunk group data. MCIm upon receipt of a TGSR, in a blocking situation, will issue an ASR to AT&T ILLINOIS within three (3) business days after receipt of the TGSR or sooner as agreed to by the Parties, and upon review and in response to the TGSR received. MCIm will note "Service Affecting" on the ASR.
- 18.7 UNDER UTILIZATION - In an under utilization situation (where more capacity exists than actual usage requires) the Parties agree that if a trunk group is under 75 percent (75%) of CCS capacity on a monthly average basis, for each month of any three (3) consecutive months period, either Party may request the issuance an order to resize the trunk group, which must be left with not less than twenty-five percent (25%) excess capacity. In all cases grade of service objectives shall be maintained. AT&T ILLINOIS may send a TGSR to MCIm to trigger changes to the Local Interconnection Trunk Groups based on capacity assessment. Upon receipt of a TGSR, MCIm will, within the ten (10) business days of such receipt, either (i) issue an ASR to AT&T ILLINOIS or (ii) request that the Parties schedule a joint planning discussion for the TGSR.
- 18.8 If MCIm does not respond to the TGSR within the ten (10) business day period described above, AT&T ILLINOIS will contact MCIm to schedule a joint planning discussion. If MCIm will not agree to meet within an additional ten (10) business days and present adequate reason for keeping trunks operational, AT&T-ILLINOIS reserves the right to issue an ASR to resize the Local Interconnection Trunk Groups and facilities.

19. PROVISIONING

- 19.1 AT&T ILLINOIS shall provide a Firm Order Confirmation (FOC) within five business days for trunk augments, and within seven business days for new trunk groups, after receipt of a complete and accurate order.

- 19.1.1 In cases where AT&T ILLINOIS has issued a FOC and, facilities are found not to be available, MCIm shall utilize AT&T ILLINOIS' escalation process. For facility/switching equipment shortages, AT&T ILLINOIS shall include relief date status and explanation for the shortage under the "REMARKS" field. If no relief date is available, "further status due date" shall be provided. On the date that status is due, AT&T ILLINOIS shall re-FOC with updated status by close of business.
- 19.2 Orders that comprise a major project may be submitted over a period of several days, and their implementation will be jointly planned and coordinated. Major projects are unusual or extraordinary projects that require the coordination and execution of multiple orders, greater than 4 DS1s or related activities between and among AT&T ILLINOIS and MCIm work groups, including, but not limited to, the initial establishment of Local Interconnection Trunk Groups or Meet Point Trunk Groups and service in an area, NXX code moves, re-homes, facility grooming, or network rearrangements.
- 19.3 The Parties shall cooperate with each other to test all trunks prior to turn up.
- 19.4 Due dates and intervals used for the provisioning process are provided in the CLEC Online handbook. The Parties shall notify each other if there is any change affecting the service requested, including, but not limited to, the due date. If either Party is unable to or not ready to perform Acceptance Tests, or is unable to accept the Local Interconnection Trunk Groups by the due date, the other Party will provide with a requested revised service due date that is no more than thirty (30) calendar days beyond the original service due date. If either Party requests a service due date change which exceeds the allowable service due date change period, the ASR must be canceled by the issuing Party. Should the issuing Party fail to cancel such ASR, the other Party shall treat that ASR as though it had been canceled.
- 19.5 The Parties shall share responsibility for their respective Control Office functions for Local Interconnection Trunk Groups and both Parties shall share the overall coordination, installation, testing, and maintenance responsibilities for such trunks and trunk groups.
- 19.6 Intentionally Omitted
- 19.7 MCIm and AT&T ILLINOIS shall:
- 19.7.1 Provide trained personnel with adequate and compatible test equipment to work with each other's technicians.
- 19.7.2 Notify each other when there is any change affecting the service requested, including the due date.

20. TRUNK DATA EXCHANGE

- 20.1 MCIm has requested and AT&T ILLINOIS shall provide Data Interexchange Carrier (DIXC) traffic data for all trunk groups terminating in MCIm's network. A trunk group utilization report (TIKI) is also available, upon request. The TIKI report is provided in a MS-Excel format.
- 20.2 The Parties agree to exchange traffic data on trunks and to implement such an exchange within three (3) months of the date that trunking is established and the trunk groups begin passing live traffic, or another date as agreed to by the Parties. Exchange of traffic data will permit each company to have knowledge of the offered and overflow load at each

end of the two-way trunk group, and thereby enable accurate and independent determination of performance levels and trunk requirements. The Parties agree to the electronic exchange of data. Parties agree to establish a timeline for implementing an exchange of traffic data utilizing the DIXC process via network data mover (NDM)/FTP computer to computer File Transfer Process (FTP).

- 20.3 DIXC traffic data will include, but not be limited to, the following:
 - 20.3.1 Usage (total usage measured in centum call seconds)
 - 20.3.2 Peg Count (Peg count of originating call attempts including overflow)
 - 20.3.3 Overflow (Peg count of originating call attempts failing to find an idle trunk)
 - 20.3.4 Maintenance Usage (total maintenance usage measured in centum call seconds)
 - 20.3.5 Maintenance Busy Counts (total count of trunks made maintenance busy)
- 20.4 DIXC traffic data shall be collected as follows:
 - 20.4.1 Hourly on the clock hour
 - 20.4.2 Twenty-four (24) hours per day (0000-2400)
 - 20.4.3 Seven (7) days per week (including holidays)
 - 20.4.4 Fifty-two (52) weeks per year

21. MAINTENANCE TESTING AND REPAIR

- 21.1 MCIm and AT&T ILLINOIS shall work cooperatively to install and maintain a reliable network. MCIm and AT&T ILLINOIS shall exchange appropriate information (e.g., maintenance contact numbers, network information, information required to comply with law enforcement and other security agencies of the Government and such other information as the Parties shall mutually agree) to achieve this desired reliability. In addition, the Parties agree to:
 - 21.1.1 Coordinate and schedule testing activities of their own personnel, and others as applicable, to ensure its Interconnection trunks/trunk groups are installed per the Interconnection order, meet industry standard acceptance test requirements, and are placed in service by the due date. Either Party may initiate the joint activities.
 - 21.1.2 Perform trouble sectionalization to determine if a trouble is located in its facility or its portion of the Interconnection trunks prior to referring the trouble to each other.
 - 21.1.3 Advise each other's Control Office if there is an equipment failure that will affect the Interconnection trunks.
 - 21.1.4 Provide each other with a trouble reporting number that is readily accessible and available twenty-four (24) hours per day / seven (7) days a week.
 - 21.1.5 Provide to each other test line numbers and access to test lines, including a test line number that returns answer supervision in each NPA-NXX opened by a Party.

22. INTENTIONALLY OMITTED

23. NETWORK MANAGEMENT

- 23.1 Protective Controls. Either Party may use protective network traffic management controls such as 7 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. MCIm and AT&T

ILLINOIS shall immediately notify each other of any protective control action planned or executed.

- 23.2 Expansive Controls. Where the capability exists, originating or terminating traffic re-routes 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.
- 23.3 Mass Calling. MCIm and AT&T ILLINOIS shall cooperate and share pre-planning information regarding cross-network call-ins expected to generate large or focused temporary increases in call volumes, to prevent or mitigate the impact of these events on the public switched network.

INWARD ASSISTANCE OPERATOR SERVICE (INW)

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1. INTRODUCTION

- 1.1 This Appendix sets forth terms and conditions for Inward Assistance Operator Services provided by AT&T ILLINOIS to MCIm.
- 1.2 Intentionally Omitted.
- 1.3 Intentionally Omitted.
- 1.4 Intentionally Omitted.
- 1.5 Intentionally Omitted.
- 1.6 The prices at which AT&T ILLINOIS agrees to provide MCIm Inward Assistance Operator Services are contained in Appendix Pricing

2. SERVICES

- 2.1 Where technically feasible and available, AT&T ILLINOIS' Inward Assistance Operator will provide the following assistance or services when reached by an operator dialing the appropriate Toll Center Code in addition to the Inward Code:
 - 2.1.1 General Assistance on calls where an attempt to connect the call is required by a local operator.
 - 2.1.2 Busy Line Verification (BLV) service and Busy Line Verification/Interrupt (BLVI) service.
- 2.2 Inward Assistance Operator Service is an optional service and is applicable when MCIm is not purchasing AT&T ILLINOIS' Operator Services.

3. DEFINITIONS

- 3.1 "General Assistance" - A service in which an operator calls the Inward Assistance operator seeking assistance in dialing a number. The assistance could be required, for example, for attempting to dial a number where a 'no ring' condition has been encountered.

4. RESPONSIBILITIES OF THE PARTIES

- 4.1 If MCIm decides to order this optional service, it is the responsibility of MCIm to order the necessary facilities to interconnect with AT&T ILLINOIS' Operator assistance switches in the various locations throughout the AT&T ILLINOIS territory.
- 4.2 Initial and/or additional interconnection trunking requirements for INW are described in Appendix NIM.
- 4.3 MCIm will furnish request for service in writing to AT&T ILLINOIS, thirty (30) calendar days in advance of the date when the Inward Assistance Operator Services are to be undertaken, unless otherwise agreed to by AT&T ILLINOIS.
- 4.3 The requester of this Inward Assistance Operator Services service agreement must provide one Carrier Identification Code (CIC) for its CLEC or Independent Exchange Carrier business operation and one for its InterExchange Carrier (IXC) business operation

if the requesting company wishes to receive billing data in a format that separates the service provided to the two business operations.

4.4 AT&T ILLINOIS - When utilizing the services of MCIm Inward Assistance, AT&T ILLINOIS and MCIm agree that AT&T ILLINOIS will pay MCIm at the same rate MCIm compensates AT&T ILLINOIS pursuant to the terms of this Appendix.

4.5 Intentionally Omitted.

4.6 AT&T ILLINOIS shall offer operator-to-operator BLV/BLVI to MCIm on a nondiscriminatory basis.

5. TOLL CENTER CODES

5.1 Toll Center Codes will be used by MCIm Operators for routing and connecting to the AT&T ILLINOIS Operator assistance switches. These codes are listed in the LERG and are specific to the various AT&T ILLINOIS LATA's where AT&T ILLINOIS Operator assistance switches are located.

5.2 AT&T ILLINOIS Operator Services will require a Toll Center Code for MCIm Operator Services assistance switches that are listed in the LERG. This code will be the routing code used for connecting the AT&T ILLINOIS Operator to the MCIm Operator on an Inward basis.

5.3 If MCIm requires establishment of a new Toll Center Code, MCIm shall do so by referencing the Local Exchange Routing Guide (LERG).

6. PRICING

6.1 AT&T ILLINOIS - Pricing for Inward Assistance Operator Services shall be based on the rates specified in Appendix Pricing.

7. MONTHLY BILLING

7.1 For information regarding billing, non-payment, disconnection, and dispute resolution, see the General Terms and Conditions and the Invoicing Appendix of this Agreement.

7.2 AT&T ILLINOIS will accumulate and provide MCIm such data as necessary for MCIm to bill its end user customers.

8. LIABILITY

8.1 The provisions set forth in the General Terms and Conditions of this Agreement, including but not limited to those relating to limitation of liability and indemnification, shall govern the Parties' performance under this Appendix.

9. TERM OF APPENDIX

9.1 This Appendix will continue in force for the length of the Interconnection Agreement, but no less than twelve (12) months.

9.2 If MCIm terminates this Appendix prior to the expiration of the term of this Appendix, MCIm shall pay AT&T ILLINOIS, within thirty (30) days of the issuance of any bills by AT&T ILLINOIS, all amounts due (subject to Appendix Invoicing) for actual services provided under this Appendix.

- 9.3 The rates applicable for determining the amount(s) under the terms outlined in this Section are those specified in Appendix Pricing.

ACCESS TO ADVANCE INTELLIGENCE NETWORK (AIN) LAWFUL UNE

1. INTRODUCTION

MCIm agrees that it does not wish to obtain AT&T ILLINOIS' Access to Advanced Intelligence Network ("AIN") Lawful unbundled Network Element to design and create its own AIN Service Software, and should MCIm wish to have such capability during the life of this Agreement, it will negotiate an appropriate amendment.

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1. GENERAL

- 1.1 Permanent Number Portability (PNP) is an arrangement whereby an end user customer that switches local exchange service subscription from one LEC to another LEC is permitted to retain the existing LEC telephone number assigned to the end user for its use. For the porting of a number, the end user customer's location must remain within the rate center associated with the NPA-NXX of the end user customer's telephone number.
- 1.2 The Parties agree that the industry has established Local Routing Number (LRN) technology as the method by which Permanent Number Portability (PNP, also referred to as Long-Term Number Portability, or LNP) will be provided in response to applicable FCC Orders. As such, the parties agree to provide PNP via LRN to each other as required by such applicable FCC Orders or applicable national standards such as ATIS (Alliance for Telecommunications Industry Solutions) NANC (North American Numbering Council), and NENA (National Emergency Number Association).

2. LOCAL NUMBER PORTABILITY DESCRIPTION

- 2.1 The switch's LRN software determines if the called Party is in a portable NXX. If the called Party is in a portable NXX, a query is launched to the PNP database to determine whether or not the called number is ported.
- 2.2 When the called number with a portable NXX is ported, a LRN is returned to the switch that launched the query. Per industry interoffice signaling standards, the LRN appears in the CPN (Calling Party Number) field of the SS7 message and the called number then appears in the GAP (Generic Address Parameter) field. In addition, the Jurisdictional Identification Parameter (JIP) field will be populated with the first six digits (NPA-NXX format) of the appropriate LRN of the originating switch.
- 2.3 When the called number with a portable NXX is not ported, the call is completed as in the pre-PNP environment.
- 2.4 The FCI (Forward Call Identifier) field's entry is changed from 0 to 1 by the switch triggering the query when a query is made, regardless of whether the called number is ported or not.

3. REGULATIONS

- 3.1 Each Party shall become responsible for end user customers telecommunication related items, e.g., E911, Directory Listings, Operator Services, Line Information Data Base (LIDB), when they port the end user customers telephone number to their switch. Each Party agrees to follow the industry standards for National Emergency Numbering Association (NENA) and industry agreements for migration of E911 record data.
 - 3.1.1 The Parties do not offer PNP in conjunction with service codes (e.g., 411) or Service Access codes (e.g., 500, 700, 800, 900), or codes assigned to each Party for their own use, e.g. an NXX assigned for the Party's official service.
 - 3.1.2 The porting Party is responsible for advising the Number Portability Administration Center (NPAC) of telephone numbers that they import and the associated data as identified in industry forums as being required for PNP.
 - 3.1.3 When either Party makes a switch LNP capable, all applicable NXXs in that switch will be shown as portable in the LERG.

- 3.1.4 Both Parties will work cooperatively to implement appropriate OBF LSR guidelines and NANC due date intervals through the Change Management Process. These LSR formats may differ between companies by geography and where it is necessary to change format, the Parties making the change agree to inform the other company and work cooperatively to implement the change.
- 3.1.5 The Parties agree to port reserved numbers per the NANC guidelines.
- 3.1.6 Unless pooling of numbers is required, when a ported telephone number becomes vacant (e.g. the telephone number is no longer in service by the original end user customer) the ported telephone number will be released back to the carrier owning the switch in which the telephone number's NXX is native. If number pooling is required, the Parties agree to abide by such requirements in regard to now vacant, previously ported numbers.
- 3.1.7 Industry guidelines shall be followed regarding all aspects of porting numbers from one network to another.
- 3.1.8 Each Party shall abide by NANC provisioning and implementation process.
- 3.1.9 Intracompany testing shall be performed prior to the scheduling of intercompany testing.
- 3.1.10 Each Party will designate a single point of contact (SPOC) to schedule and perform required testing. These tests will be performed during a mutually agreed time frame and must meet the criteria set forth by the Inter-Industry LNP National Operations Team for porting.
- 3.1.11 Each Party has the right to block default routed call entering a network in order to protect the public switched network from overload, congestion, or failure propagation.
- 3.1.12 When the called number with a portable NXX is ported, an LRN is returned to the switch that launched the query. Per industry standards, the LRN appears in the CdPN (Called Party Number) field of the SS7 message and the called number then appears in the GAP (Generic Address Parameter) field.
- 3.1.13 To the extent technically feasible, each Party agrees to provide the appropriate JIP String, as specified in GR-2936-CORE (Local Number Portability (LNP) capability specifications: Service Provider Portability).
- 3.2 SPNP Query Service
 - 3.2.1 The N-1 carrier (N carrier is the responsible Party for terminating call to the End User) has the responsibility to determine if a query is required, to launch the query, and to route the call to the switch or network in which the telephone number resides.
 - 3.2.2 If MCIm chooses not to fulfill its N-1 carrier responsibility, AT&T ILLINOIS will perform default queries on calls to telephone numbers with portable NXXs received from the N-1 carrier and route the call to the switch or network in which the telephone number resides. In such event, AT&T ILLINOIS will charge and MCIm agrees to pay the default queries charges set forth in Section 6 of the FCC

No. 2 Access Services Tariff. AT&T ILLINOIS provides MCIm the optional use of the AT&T ILLINOIS' LNP database via the SPNP Query Service.

- 3.2.3 AT&T ILLINOIS provides MCIm the optional use of the AT&T ILLINOIS LNP Database. When MCIm orders SPNP Query Service-Database, AT&T ILLINOIS shall charge and MCIm agrees to pay the SPNP Query Service-Database service charges set forth in Appendix Pricing. The MCIm's Signal Transfer Point (STP), tandem, and/or end office's LRN software will determine the need for, and triggers, the query. AT&T ILLINOIS' LNP database will determine if a number has, or has not, been ported and will provide LRN if a number is ported.
- 3.2.4 When purchasing the SPNP Query Service - Database, MCIm will access AT&T ILLINOIS' facilities via an SS7 link to the AT&T ILLINOIS STP.
- 3.2.5 When purchasing the SLNP Query Service - Database, MCIm will advise AT&T ILLINOIS of the entry point(s) of queries to the AT&T ILLINOIS network and provide a query forecast for each entry point.

4. LIMITATIONS

- 4.1. For PNP, MCIm shall submit a separate DSR for the listing of MCIm's end user customer in White Pages and Directory Assistance.

5. INTENTIONALLY OMITTED

6. MASS CALLING

6.1 General Terms and Conditions

- 6.1.1 Mass calling codes, i.e., choke/HVCI NXXs, are used in a network serving arrangement provided by AT&T ILLINOIS in special circumstances where large numbers of incoming calls are solicited by an end user and the number of calls far exceeds the switching capacity of the terminating office, the number of lines available for terminating those calls, and/or the STP's query capacity to the PNP database. The following two different sets of end user customer objectives usually create this condition: (a) low call completion; and (b) high call completion.
- 6.1.2 Given the potentially hazardous effect calling conditions of this nature could have on the network, AT&T ILLINOIS will provide mass calling code portability using a non-LRN solution.

6.2 Service Provided

- 6.2.1 AT&T ILLINOIS will offer the ability to port telephone numbers with mass calling NXX codes via the use of pseudo codes or route index numbers. In this non-LRN scenario, calls to the AT&T ILLINOIS mass calling NXX code will leave the originating end office over dedicated MF (multi-frequency) trunk groups to the AT&T ILLINOIS mass calling tandem. The mass calling tandem will then route the calls over dedicated MF trunks to the AT&T ILLINOIS' 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.
- 6.2.2 When MCIm requests that an AT&T ILLINOIS number with a mass calling NXX code be ported to its network, AT&T ILLINOIS will build translations at the CSO to

route the incoming calls to a MCIm provided dedicated Direct Inward Dial (DID) MF trunk group from the CSO to MCIm's central office.

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2. GENERAL TERMS AND CONDITIONS 3

1. INTRODUCTION

- 1.1 This Appendix sets forth the terms and conditions under which AT&T ILLINOIS will coordinate with MCIm with respect to NXX assignments.

2. GENERAL TERMS AND CONDITIONS

- 2.1 Nothing in this Agreement shall be construed to limit or otherwise adversely impact in any manner either Party's right to employ or to request and be assigned any North American Numbering Plan (NANP) number resources from the numbering administrator 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 it is assigned.
- 2.2 At a minimum, in those Metropolitan Exchange Areas where MCIm is properly certified by the appropriate regulatory body and intends to provide local exchange service, MCIm shall obtain a separate NXX code for each AT&T ILLINOIS Rate Center or Rate District (which ever is smaller) which is required to ensure compliance with the industry-approved Central Office Code (NXX) Assignment Guidelines (most current version) or other industry approved numbering guidelines and the FCC's Second Report & Order in CC Docket 95-116, released August 18, 1997 (Local Number Portability). Where pooling is done, MCIm will obtain blocks of numbers in thousand increments rather than a full NXX for rate areas served by MCIm.
- 2.3 Pursuant to Section 7.3 of the North American Numbering Council Local Number Portability Architecture and Administrative Plan report, which was adopted by the FCC, Second Report and Order, CC Docket 95-116, released August 18, 1997, portability is limited to Rate Center/Rate District boundaries of the incumbent LEC due to rating and routing concerns.
- 2.4 Each Party is responsible to test, load, program and update its own switches and network systems to recognize and route traffic to the other Party's assigned NXX codes at all times. Neither Party shall impose fees or charges on the other Party for such required programming and updating activities.
- 2.5 Each Party is responsible to input required data into the Business Integrated Rating and Routing Database System (BIRRDS) or other appropriate system(s) necessary to update the Local Exchange Routing Guide (LERG), unless negotiated otherwise.
- 2.6 Neither Party is responsible for notifying the other Parties' end user customers of any changes in dialing arrangements, including those due to NPA exhaust.
- 2.7 NXX Migration
- 2.7.1 NXX reassignment/migration is permissible upon agreement of the Parties. Upon request by either Party to migrate an NXX, the Parties will determine the reassignment/migration process and any applicable charges per Appendix Pricing. The Parties agree to follow established industry practice for code transfer and LERG reassignment.

APPENDIX OPERATIONS SUPPORT SYSTEM

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1. INTRODUCTION

- 1.1 This Appendix sets forth the terms and conditions under which AT&T ILLINOIS provides access to AT&T ILLINOIS' Operations Support System (OSS) "functions" to MCIm for pre-ordering, ordering, provisioning, and maintenance/repair, and billing as provided by AT&T ILLINOIS.
- 1.2 With respect to all matters covered by this Appendix, the Parties will comply with the SBC Plan of Record (POR) final version for Uniform and Enhanced OSS ("Uniform POR") as approved by the FCC on 9/22/00 and the AT&T-13STATE Change Management Process "CMP" Document, subject to applicable state law or Commission orders. If specific performance under this Appendix is not detailed in the Uniform POR or CMP, it will then be governed by the terms and conditions of this Appendix.
- 1.3 Definitions
 - 1.3.1 "LSC" means the Local Service Center for AT&T ILLINOIS.
 - 1.3.2 "LOC" means the Local Operations Center for AT&T ILLINOIS.

2. GENERAL CONDITIONS

- 2.1 Performance Standards. AT&T ILLINOIS shall comply with the service guarantees and Performance Standards, measurements, and reporting regarding OSS Functions, set forth in Appendix Performance Measurements. Further, AT&T ILLINOIS will compensate MCIm in accordance with Appendix Performance Measurements for any OSS Function-related Performance Standards AT&T ILLINOIS fails to meet.
- 2.2 MCIm agrees to utilize AT&T ILLINOIS electronic interfaces, as described herein, for the purposes of establishing and maintaining Resale Services, UNEs, local number portability, or local Interconnection trunking through AT&T ILLINOIS. In addition, MCIm agrees that for AT&T ILLINOIS such use will comply with AT&T ILLINOIS' Security Policies and Guidelines incorporated in Section 8. Notwithstanding anything in this Appendix to the contrary, failure to comply with such security guidelines may result in forfeiture of electronic access to OSS functionality. In addition, MCIm agrees to indemnify and hold AT&T ILLINOIS harmless against any claim made by an end user customer of MCIm or other third party against AT&T ILLINOIS caused by or related to MCIm's use of any AT&T ILLINOIS OSS in accordance with the indemnity provisions set forth in Section 16 of the general terms and conditions. AT&T ILLINOIS shall be permitted to audit all activities by MCIm using any AT&T ILLINOIS OSS not more than once annually, upon written notice to MCIm. Such written notice shall specify the type of information AT&T ILLINOIS is seeking and shall also specify the reason AT&T ILLINOIS is seeking the audit, including any alleged "misuse" of the OSS by MCIm. MCIm shall provide the requested information within fourteen (14) days of receiving notice from AT&T ILLINOIS. All such information obtained through an audit shall be deemed proprietary and shall be covered by the General Terms and Conditions.
- 2.3 The Dispute Resolution (DR) process set forth in the ICA shall apply to any issues, which arise under this Appendix, including any alleged non-compliance with these security guidelines.
- 2.4 To the extent Resale, Unbundled Network Elements (UNE), local number portability and interconnection trunking, pre-ordering, ordering, provisioning and maintenance/repair, and billing functions as provided herein are available electronically, they will be accessible via

OSS interfaces as described herein. Manual access remains available via the Local Service Center (LSC) and the Local Operations Center (LOC) to the extent described below. Should AT&T ILLINOIS develop electronic interfaces for these functions for itself, its affiliates and/or other CLECs, AT&T ILLINOIS will offer electronic access to these functions to MCIm at parity. The Parties agree that electronic order processing is more efficient than manual order processing. During implementation or upon AT&T ILLINOIS' request, the Parties will negotiate a threshold volume of orders after which electronic ordering is required. Once MCIm is submitting more than the agreed to threshold amount, but not later than twelve (12) months from the Effective Date of this Agreement, MCIm will no longer submit orders manually. Provided, however, when the electronic order processing is unavailable for a substantial period of time, or where a given order cannot be processed electronically, AT&T ILLINOIS shall accept manual orders.

- 2.5 Within AT&T ILLINOIS, and other AT&T regions, MCIm's access to pre-order functions described in Section 3 will only be utilized to view Customer Proprietary Network Information (CPNI) of MCIm's end user customer accounts and any other end user customer accounts where MCIm has obtained an authorization for release of CPNI from the end user customer. The authorization for release of CPNI shall comply with state and federal rules or guidelines concerning access to such information. MCIm's obligation to obtain authority prior to accessing CPNI electronically, as set forth in the preceding provisions, is subject to modification in accordance with any governing regulatory decisions expressly addressing this subject matter.
- 2.6 MCIm will obtain authorization for change in local exchange service and release of CPNI that adheres to all requirements of state and federal law, as applicable CPNI, includes customer name, billing and service address, billing telephone number(s), any and all exemption status or current status of eligibility for reduced charges, and identification of features and services subscribed to by customer.
- 2.7 Intentionally Omitted.
- 2.8 Intentionally Omitted.
- 2.9 By utilizing any electronic interfaces, MCIm agrees not to knowingly alter any applicable Resale rates and charges where they are subject to the terms of this Agreement and applicable tariffs dependent on region of operation, or AT&T ILLINOIS' UNE rates and charges, dependent upon region of operation, per the terms of this Agreement.
- 2.10 MCIm agrees to use reasonable business efforts to submit orders that are correct and complete. AT&T ILLINOIS will use reasonable business efforts to process MCIm's orders before rejecting MCIm orders for accuracy and completeness. The Parties agree to conduct internal and independent reviews for accuracy. MCIm is also responsible for all actions of its employees using any of AT&T ILLINOIS' OSS systems. As such, MCIm agrees to accept and pay all reasonable costs or expenses, including labor costs, incurred by AT&T ILLINOIS caused by any and all inaccurate ordering or usage of the OSS, if such costs are not already recovered through other charges assessed by AT&T ILLINOIS to MCIm.
- 2.11 Work Center for OSS Single Point of Contact. AT&T ILLINOIS has a single help desk, called the Information Services Call Center (ISCC), which provides technical support as MCIm's single point of contact (SPOC) for all of AT&T ILLINOIS electronic OSS interfaces involved in the pre-ordering, ordering, provisioning, and maintenance/repair and billing of Network Elements and Local Resale services. MCIm will also provide a single point of contact for technical support issues related to the electronic interfaces.

- 2.12 Within a commercially reasonable time, if such does not already exist between the Parties, AT&T ILLINOIS and MCIm will establish interface contingency plans and disaster recovery plans for the pre-order, ordering and provisioning and maintenance/repair, and billing for Resale services, UNEs, local number portability, or interconnection trunking.
- 2.13 The Parties will follow the final adopted guidelines of AT&T Competitive Local Exchange (CLEC) 13-State Interface Change Management Process as may be modified from time to time in accordance with the Change Management principles. Certain OSS interfaces described in this Appendix may be modified, temporarily unavailable or may be phased out after execution of this Appendix. AT&T ILLINOIS shall provide proper notice of interface phase out as required by the Change Management process. The Parties acknowledge that Change Management processes may be affected by the Uniform POR once approved by FCC.
- 2.14 AT&T ILLINOIS and MCIm agree to participate in and abide by resolutions of the Order and Billing Forum (OBF) and the Telecommunications Industry Forum (TCIF) to establish and conform to uniform industry guidelines for electronic interfaces for pre-order, ordering, and provisioning. Neither Party waives its rights as participants in such forums or in the implementation of the guidelines. To achieve system functionality as quickly as possible, the Parties acknowledge that AT&T ILLINOIS may deploy these interfaces with requirements developed in advance of industry guidelines. Thus, subsequent modifications may be necessary to comply with emerging guidelines consistent with requirements of this Appendix.
- 2.15 MCIm and AT&T ILLINOIS are individually responsible for evaluating the risk of developing their respective systems in advance of guidelines and agree to support their own system modifications to comply with new requirements. In addition, AT&T ILLINOIS has the right to define LSR Usage requirements according to the practices in the OBF Local Service Ordering Guidelines (LSOG).
- 2.16 MCIm is responsible for obtaining operating system software and hardware to access AT&T ILLINOIS OSS functions as specified in the document "Competitive Local Exchange Carrier (CLEC) Operations Support System Interconnection Procedures", or any other documents or interface requirements subsequently generated by AT&T for any of its regions.

3. PRE-ORDER

- 3.1 AT&T ILLINOIS will provide access to pre-order functions at parity with what it provides to itself, its affiliate(s) and/or any other CLEC, to support MCIm ordering of services via electronic interfaces. Real time access to pre-order functions that may be developed in the future will be offered to MCIm to the extent and on the same basis as AT&T ILLINOIS provides to itself or its affiliates and/or any other CLEC. 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 MCIm so that MCIm order requests may be created to comply with AT&T's region-specific ordering requirements.
- 3.2 Pre-ordering information either manually or electronically for Resale and UNEs includes:
 - 3.2.1 Feature/Service Availability
 - 3.2.1.1 Feature Inquiry provides AT&T ILLINOIS with feature and service availability by WTN, NPA/NXX, and CLLI Code (as applicable).

3.2.1.2 PIC/LPIC Inquiry provides AT&T ILLINOIS Primary Interexchange Carrier (PIC) options for intraLATA toll and interLATA toll.

3.2.2 Customer Service Information - CSI Inquiry

3.2.2.1 Access to AT&T ILLINOIS retail or resold CPNI and account information for pre-ordering will include: billing name, service address, billing address, service and feature subscription, directory listing information, long distance carrier identity, and pending service order activity. MCIIm agrees that MCIIm's representatives may view CPNI prior to obtaining End User authorization to become the End User's Local Service Provider provided that MCIIm has obtained the End User's authorization to view the information.

3.2.3 Telephone Number Inquiry

3.2.3.1 AT&T ILLINOIS provides a Telephone Number Reservation Inquiry and a Cancel Reservation function. With the rollout of the Uniform Pre-Order Interfaces, AT&T ILLINOIS also provides a Telephone Number Confirmation Inquiry function.

3.2.4 Scheduling Inquiry/Availability

3.2.4.1 Due Date Inquiry provides next available dates for the End User (where available).

3.2.4.2 Dispatch Inquiry provides information to indicate whether dispatch is required.

3.2.5 Address Validation Inquiry

3.2.5.1 AT&T ILLINOIS provides address validation function.

3.3 The following are Pre-Order functions specific to UNES

3.3.1 Loop Pre-Qualification and Loop Qualification Inquiry

3.3.1.1 AT&T ILLINOIS provides pre-order loop qualification information specific to DSL capable and Line Shared UNE loops consistent with the XDSL and Advanced Services OSS Plan of Record filed 4/3/00 and approved by FCC on 12/22/00.

3.3.2 Common Language Location Indicator (CLLI) Inquiry

3.3.2.1 AT&T ILLINOIS provides CLLI code inquiry function.

3.3.3 Connecting Facility Assignment (CFA) Inquiry

3.3.3.1 AT&T ILLINOIS provides a CFA inquiry function.

3.3.4 Network Channel/Network Channel Interface (NC/NCI) Inquiry

3.3.4.1 AT&T ILLINOIS provides a NC/NCI inquiry function.

3.4 Electronic Access to Pre-Order Functions

3.4.1 Resale and UNE Pre-order Interface Availability

3.4.1.1 Enhanced Verigate is the 13-state uniform pre-order GUI interface available in AT&T ILLINOIS to provide the pre-ordering functions listed in section 3.2. Enhanced Verigate is accessible via a web-based Toolbar.

3.4.1.2 An industry standard EDI/CORBA Pre-ordering Gateway is provided by AT&T ILLINOIS. 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.

3.5 Other Pre-order Function Availability

3.5.1 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.

3.5.2 Data Validation Files are available for the purpose of providing requesting CLECs with an alternate method of acquiring pre-ordering information that is considered relatively static. Upon request, AT&T ILLINOIS 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.

3.5.2.1 Data Validation Files:

3.5.2.1.1 SAG (Street Address Guide)

3.5.2.1.2 Feature/Service Availability by Switch

3.5.2.1.3 Directory Names

3.5.2.1.4 Class of Service Codes

3.5.2.1.5 USOC (Universal Service Order Codes)

3.5.2.1.6 Community Names

3.5.2.1.7 Yellow Page Headings

3.5.2.1.8 PIC/LPIC (InterLATA/IntraLATA).

4. ORDERING/PROVISIONING

4.1 AT&T ILLINOIS shall provide, through electronic interfaces, provisioning and premises visit installation support for coordinated scheduling, status, and dispatch capabilities as provided in the Uniform POR.

- 4.2 AT&T ILLINOIS will provide electronic access to ordering functions to support MCIm provisioning of services provided herein as described below. Real time access to ordering functions will be made available to MCIm at parity with what AT&T ILLINOIS provides to itself or its affiliate(s) and/or any other CLEC. Intervals for Performance Measurements will be as defined in Appendix Performance Measurements. To order Resale services and UNEs, MCIm will format the service request to identify what features, services, or elements it wishes AT&T ILLINOIS to provision in accordance with AT&T ILLINOIS ordering requirements.
- 4.3 Resale and UNE Service Order Request Ordering System:
- 4.3.1 AT&T ILLINOIS makes available to MCIm an Electronic Data Interchange (EDI) interface for transmission of MCIm Local Service Requests (LSR) formats as defined in the AT&T 13-STATE Local Service Order Requirements (LSOR). In ordering and provisioning of Resale Services or UNEs, MCIm and AT&T ILLINOIS will utilize industry guidelines developed by OBF and TCIF to transmit data based upon AT&T ILLINOIS Resale ordering requirements in accordance with Uniform POR. In addition, Local Number Portability (LNP) will be ordered consistent with the OBF LSR and EDI process.
- 4.3.2 For AT&T ILLINOIS, web-based LEX is the new 13-state uniform ordering GUI interface that provides access to the uniform ordering functions for Resale Services and UNEs. Web-based LEX is accessible via a web-based Toolbar.
- 4.3.3 In ordering and provisioning Unbundled Dedicated Transport and local interconnection trunks, MCIm and AT&T ILLINOIS will utilize industry ASR guidelines developed by OBF based upon AT&T ILLINOIS ordering requirements.
- 4.4 Provisioning for Resale Services and UNEs in AT&T ILLINOIS: AT&T ILLINOIS will provision Resale services and UNEs as detailed in MCIm order requests. Electronic access to status on such orders will be provided via the following electronic interfaces:
- 4.4.1 For EDI ordering, AT&T ILLINOIS provides MCIm, and MCIm uses, an EDI interface for transferring and receiving orders, Firm Order Confirmation (FOC), Service Order Completion (SOC), and, as available, other provisioning data and information (e.g., jeopardies and rejects) as described in the Uniform POR.
- 4.4.2 For AT&T ILLINOIS, Order Status and Provisioning Order Status functionality is provided through the Enhanced Verigate interface which will allow CLEC to check service order status.
- 4.5 "As is migrations" (meaning, a Local Service Request that seeks to convert the End User Customer with whatever array of services he or she currently has) shall only be permitted for Resale.

5. MAINTENANCE/REPAIR

- 5.1 Real time electronic interfaces are accessible in AT&T ILLINOIS to place and check the status of trouble reports for both Resale and UNE. Upon request, MCIm may access these functions via the following methods:
- 5.1.1 In AT&T ILLINOIS, Electronic Bonding for Trouble Administration-GUI (EBTA-GUI) allows MCIm to issue trouble tickets, view status, and view trouble history on-line. AT&T ILLINOIS shall provide an Estimated Time To Repair (ETTR) on

all trouble reports at parity with what it provides its affiliates, its retail customers and other CLECs.

- 5.1.2 In AT&T ILLINOIS, Electronic Bonding Trouble Administration (EBTA) is an interface that is available for trouble report submission and status updates. This EBTA conforms to ANSI guidelines T1:227:1995 and T1.228:1995, 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 MCIm and in AT&T ILLINOIS. Functions currently implemented will 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. MCIm and AT&T ILLINOIS will exchange requests over a mutually agreeable X.25-based network.

6. BILLING

- 6.1 For Resale Services in AT&T ILLINOIS, MCIm may elect to receive its bill on CD. Electronic access to billing information for Resale Services will also be available via the following interfaces:
- 6.1.1 MCIm may receive a Usage Extract Feed electronically in AT&T ILLINOIS. On a daily basis, this feed provides information on the usage billed to its accounts for resale services in the industry standardized Exchange Message Interface (EMI) format.
- 6.1.2 AT&T ILLINOIS shall provide local disconnect report records via the EDI 836 transaction set.
- 6.1.3 In AT&T ILLINOIS, MCIm may receive a mechanized bill via the AT&T ILLINOIS Electronic Billing System (AEBS) transaction set. Additional mechanized billing options will be forthcoming as described in the Uniform POR.
- 6.2 Electronic access to billing information for UNEs will also be available via the following interfaces:
- 6.2.1 AT&T ILLINOIS makes available to MCIm 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 MCIm's paper bill.
- 6.2.2 MCIm may receive a Usage Extract Feed electronically in AT&T ILLINOIS. On a daily basis, this feed provides information on the usage billed to its accounts for UNE in the industry standardized Exchange Message Interface (EMI) format.
- 6.3 AT&T ILLINOIS shall provide timely notice of customer migrations of MCIm to AT&T ILLINOIS or from MCIm to another carrier. In the event that AT&T ILLINOIS fails to provide timely notice of such migrations, and such failure results in improper billing by MCIm, AT&T ILLINOIS shall, upon MCIm's request, notify the affected customer(s) that continued billing after the migration was the fault of AT&T ILLINOIS, not MCIm or, if applicable, the other carrier.

7. REMOTE ACCESS FACILITY

- 7.1 MCIm must access OSS interfaces via a MCIm Remote Access Facility. For AT&T ILLINOIS, the LRAF, located in Dallas, TX, will be used. Connection to these remote access facilities will be established via a "port" either through dial-up or direct connection as described in Section 7.2. MCIm may utilize a port to access AT&T's OSS interfaces to perform the supported functions in any AT&T states where MCIm has executed an Appendix OSS. OSS applications that are accessible through the Internet will also go through a secured Remote Access Facility.
- 7.2 For AT&T ILLINOIS, MCIm may use three types of access: Switched, Private Line, and Frame Relay. For Private Line and Frame Relay "Direct Connections," MCIm 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, SRAF, ARAF, and/or PRAF. Switched Access "Dial-up Connections" require MCIm to provide its own modems and connection to the LRAF, PRAF, SRAF and ARAF. MCIm shall pay the cost of the call if Switched Access is used. Connections via the Public Internet require CLEC to connect to an ISP of their choice and use one of the HTTPS URLs associated with access to AT&T ILLINOIS OSS via the public internet.
- 7.3 For AT&T ILLINOIS, MCIm shall use TCP/IP to access AT&T ILLINOIS OSS via the LRAF, ARAF, SRAF, and the PRAF. In addition, MCIm shall have at a minimum of one valid Internet Protocol (IP) network address per region. MCIm shall maintain user-ids/passwords for accessing an AT&T ILLINOIS OSS on MCIm's behalf under the AT&T block ID program.
- 7.4 For AT&T ILLINOIS, MCIm shall attend and participate in implementation meetings to discuss MCIm LRAF/PRAF/ARAF/SRAF access plans in detail and schedule testing of such connections.

8. DATA CONNECTION SECURITY REQUIREMENTS

- 8.1 MCIm agrees that interconnection of MCIm data facilities with AT&T ILLINOIS data facilities for access to OSS will be in compliance with AT&T'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 govern direct and dial up connections between MCIm and the PRAF, LRAF, ARAF and SRAF for access to OSS Interfaces.
- 8.2 Joint Security Requirements
- 8.2.1 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.)
- 8.2.2 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.

- 8.2.3 Each Party shall notify the other party immediately, whenever its current user id or system access request is no longer approved or considered authorized for access.
 - 8.2.4 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.
 - 8.2.5 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 MCIm or AT&T ILLINOIS 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.
 - 8.2.6 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.
- 8.3 Additional Responsibilities of Both Parties
- 8.3.1 Modem/DSU Maintenance And Use Policy: To the extent the access provided hereunder involves the support and maintenance of MCIm equipment on AT&T ILLINOIS' premises, such maintenance will be provided under the terms of the Competitive Local Exchange Carrier (CLEC) Operations Support System Interconnection Procedures document cited above.
 - 8.3.2 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.
 - 8.3.3 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.
 - 8.3.4 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.

8.3.5 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.

8.3.6 All network-related problems will be managed to resolution by the respective organizations, MCI or AT&T ILLINOIS, as appropriate to the ownership of a failed component. As necessary, MCI and AT&T ILLINOIS will work together to resolve problems where the responsibility of either Party is not easily identified.

8.4 Information Security Policies And Guidelines For Access To Computers, Networks and Information By Non-Employee Personnel:

8.4.1 Information security policies and guidelines are designed to protect the integrity, confidentiality and availability of computers, networks and information resources. This Section 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 MCI or AT&T ILLINOIS, respectively, as the providers of the computer, network or information in question.

8.4.2 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.

8.5 General Policies

8.5.1 Each Party's resources are for approved business purposes only.

8.5.2 Both Parties will monitor access to OSS systems and will promptly notify the other Party's designated personnel if it discovers any unauthorized access for security breach to the OSS systems. In the event of such unauthorized access or breach the Parties will work cooperatively to investigate, minimize and take corrective actions. Each Party will be responsible for paying its own cost of investigation. Each Party may exercise at any time its right to take appropriate action should unauthorized or improper usage be discovered.

8.5.3 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.

8.5.4 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.

8.5.5 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.

8.6 User Identification

- 8.6.1 AT&T ILLINOIS will utilize a process whereby blocks of user-ids will be established by AT&T ILLINOIS and then self-administered by MCI. MCI will follow the user id processes and guidelines as outlined in the Competitive Local Exchange Carrier (CLEC) Operations Support System Interconnection Procedures.
- 8.6.2 Intentionally Omitted.
- 8.6.3 User ids will be revalidated on a periodic basis, as required. Revalidation will also be necessary as business needs change.

8.7 User Authentication

- 8.7.1 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.
- 8.7.2 Passwords must not be stored in script files.
- 8.7.3 Passwords must be entered by the user in real time.
- 8.7.4 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.
- 8.7.5 Systems will require users to change their passwords regularly (usually every 31 days).
- 8.7.6 Systems are to be configured to prevent users from reusing the same password for 6 changes/months.
- 8.7.7 Personal passwords must not be shared. A user who has shared his password is responsible for any use made of the password.

8.8 Access and Session Control

- 8.8.1 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.
- 8.8.2 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.

8.9 User Authorization

- 8.9.1 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.

8.10 Software And Data Integrity

8.10.1 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.

8.10.2 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.

8.10.3 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.

8.11 Monitoring And Audit

8.11.1 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). One example of this end user customer warning banner message may be:

"This is a (AT&T ILLINOIS or MCIm) 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."

8.11.2 After successful authentication, each Party will track the last logon date/time and the number of unsuccessful logon attempts. The user is responsible for reporting discrepancies.

9. OPERATIONAL READINESS TESTING (ORT) FOR ORDERING/PROVISIONING AND REPAIR/MAINTENANCE INTERFACES

9.1 At either Party's request and prior to live access to interface functionality, the Parties must conduct Operational Readiness Testing (ORT), which will allow for the testing of the systems, interfaces, and processes for the OSS functions. ORT will be completed in conformance with agreed upon processes and implementation dates.

10. TRAINING

10.1 AT&T ILLINOIS shall train MCIm's trainers in the use of AT&T ILLINOIS' OSS systems and processes. Training will be provided for all preordering, ordering and provisioning, maintenance and repair, billing, miscellaneous services, and any other area function or support system as provided for elsewhere in this Appendix, as requested by MCIm. Charges as specified below will apply for each class. Information and materials provided

to MCIm must include, at a minimum, operational and procedural information, and AT&T ILLINOIS specific system access/interface instruction. Classes are train-the-trainer format to enable MCIm to devise its own course work for its own employees. Course descriptions for all available classes by region are posted on the CLEC web site (<https://clec.att.com/clec>) in the Customer Education section. CLEC Training schedules by region are also available on the CLEC web site and are subject to change, with class lengths varying. Prior to live GUI or other system usage by MCIm, MCIm must complete user education classes for any AT&T ILLINOIS provided interfaces that affect the AT&T ILLINOIS network.

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	1/2 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

- 10.2 A separate agreement will be required as a commitment to pay for a specific number of MCIm students in each class. MCIm agrees that charges will be billed by AT&T ILLINOIS and MCIm payment is due in accordance with the billing provisions in the General Terms and Conditions. MCIm agrees that personnel from other competitive Local Service Providers may be scheduled into any AT&T ILLINOIS offered-class, to fill any additional seats for which any CLEC has not contracted. Class availability is first-come, first served with priority given to CLECs who have not yet attended the specific class.
- 10.3 Class dates will be based upon MCIm requests and AT&T ILLINOIS availability.
- 10.4 If MCIm cancels a scheduled class less than two weeks' prior to the scheduled start date, MCIm shall pay a cancellation fee consisting of the cost of the class less the cost of teaching materials. Should AT&T ILLINOIS cancel a class for which MCIm is registered less than one week prior to the schedule start date of that class, AT&T ILLINOIS will waive the charges for the rescheduled class for the registered students. MCIm agrees to provide to AT&T ILLINOIS completed registration forms for each student no later than one week prior to the scheduled training class.
- 10.5 MCIm agrees that MCIm personnel attending classes are only to utilize training databases presented to them in class. Attempts to access any other AT&T ILLINOIS or AT&T system are strictly prohibited.

- 10.6 MCIm further agrees that training material, manuals and instructor guides can be duplicated only for internal use for the purpose of training employees to utilize the capabilities of AT&T ILLINOIS' OSS in accordance with this Appendix and are "Confidential Information" subject to the terms, conditions and limitations of General Terms and Conditions.

11. SERVICE BUREAU PROVIDER ARRANGEMENTS FOR SHARED ACCESS TO OSS

- 11.1 The Parties agree that MCIm's use of a Service Bureau Provider to access AT&T ILLINOIS' OSS shall be subject to the requirements of this Section. For purposes of this Section, Service Bureau Provider means a third party that has been engaged by MCIm to act on MCIm's behalf for purposes of providing a means of access to AT&T ILLINOIS' OSS application-to-application interfaces via a dedicated connection over which multiple CLECs' local service transactions are transported.
- 11.2 AT&T ILLINOIS shall allow MCIm to access its OSS via a Service Bureau Provider under the following terms and conditions.
- 11.3 Notwithstanding any language in this Agreement regarding access to OSS to the contrary, MCIm shall be permitted to access AT&T ILLINOIS OSS via a Service Bureau Provider as follows:
- 11.3.1 MCIm shall be permitted to access AT&T ILLINOIS application-to-application OSS interfaces, via a Service Bureau Provider where MCIm has entered into a relationship with such Service Bureau Provider and the Service Bureau Provider has entered into an appropriate arrangement acceptable to AT&T ILLINOIS to allow Service Bureau Provider to establish access to and use of AT&T ILLINOIS' OSS.
- 11.3.2 MCIm's use of a Service Bureau Provider shall not relieve MCIm of the obligation to abide by all terms and conditions of this Agreement. MCIm must ensure that its Service Bureau Provider properly performs all OSS obligations of MCIm under this Agreement which MCIm delegates to Service Bureau Provider.
- 11.3.3 MCIm shall provide notice in accordance with the notice provisions of the general terms and conditions of this Agreement whenever it intends to use a Service Bureau Provider to access AT&T ILLINOIS' application-to-application OSS interfaces or when MCIm intends to cease using a Service Bureau Provider to access AT&T ILLINOIS' application-to-application OSS interfaces. Provided that AT&T ILLINOIS has not previously established a connection with a particular Service Bureau Provider, AT&T ILLINOIS shall have a reasonable transition time, not to exceed sixty (60) days to establish a connection to a Service Bureau Provider once MCIm provides notice.
- 11.4 When MCIm accesses AT&T ILLINOIS' OSS using a Service Bureau Provider, the measurement of AT&T ILLINOIS' performance shall not include Service Bureau Provider's processing, availability or response time.

12. OSS CHARGES FOR SYSTEM ACCESS AND CONNECTIVITY

- 12.1 Any Commission approved rates to recover costs associated with OSS system access and connectivity shall be incorporated in this Agreement in accordance with the process established in Section 1.5 of Appendix Pricing.

APPENDIX INVOICING

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1. INTRODUCTION

- 1.1 This Appendix sets forth the terms and conditions by which the Parties shall render and pay bills for all services provided pursuant to this Agreement, including but not limited to Resale, unbundled Network Elements, Reciprocal Compensation, Interconnection and Collocation.
- 1.2 The Parties agree to participate in and comply, whenever possible, with the Ordering and Billing Forum (OBF) and the Telecommunications Industry Forum (TCIF) guidelines. However, due to system limitations and/or new product developments AT&T ILLINOIS may proceed ahead of industry guidelines as necessary or choose not to implement. Neither Party waives its rights as participants in such forums or in the implementation of the guidelines.
- 1.3 Intentionally Omitted.
- 1.4 To the extent that there are no OBF guidelines or CABS BOS outputs governing the formatting of certain data, such data will be issued in a format mutually agreed to by the Parties.
- 1.5 For purposes of this Appendix Invoicing, the Party rendering a bill shall be the "Billing Party" and the Party receiving the bill shall be the "Billed Party."

2. TRANSMISSION OF BILLS AND CREDITS

- 2.1 The Parties will meet during the implementation of this Agreement to negotiate the means of transmissions unless arrangements exist for transmission of billing information.
- 2.2 Where technically feasible, each Party will transmit billing information and data to the other in an electronic format. Upon transmission failure, the Billed Party will notify the Billing Party within 10 (ten) business days invoice date and the Billing Party will re-transmit the bill at its own cost, provided the transmission failure was caused by the Billing Party's systems or actions. In the event of such a transmission failure, the Bill Due Date shall be extended by the number of days elapsing between the transmission failure and the successful re-transmission. In emergency situations where transmissions have failed, when media transmittal has to be used to convey a bill, the Parties will generate media to be transported to each other via a courier. The Parties will have no responsibility to return media delivered to each other. The Parties shall use media packaging that is sufficient to ensure that the media is protected and useable when the other Party receives it.
- 2.3 For enhancements to transmissions of existing and new bills, the Parties shall use test and production data that will be developed between the Parties. The Parties will mutually agree upon the file (block size, record length, etc.).
- 2.4 The Parties will share contingency procedures and policies that will be used to manage billing disruptions.
- 2.5 The Parties shall provide each other a single point of contact ("SPOC"), for AT&T ILLINOIS the SPOC will be MCIm's designated account manager for handling any questions or problems regarding bills that may arise during the implementation and performance of the obligations of this Appendix Invoicing. The AT&T ILLINOIS SPOC will be available via a single telephone number (not through an answering center).

- 2.6 Each Party will establish monthly billing dates ("Bill Date") for each bill type, which Bill Date will be the same day from month to month. Each Party will provide the other Party at least thirty (30) calendar days' written notice prior to changing, adding or deleting any bill type. All bills must be received by the recipient no later than ten (10) calendar days from the Bill Date or at least twenty (20) calendar days prior to the payment due date, whichever is earlier. Any bill received on a Saturday, Sunday or bank holiday 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.
- 2.7 The Parties will render and transmit to each other accurate and timely bills.
- 2.8 Credits. If the Billed Party disputes charges pursuant to Section 6.0 et seq., of this Appendix Invoicing and the dispute is resolved in favor of the Billed Party, the Billing Party shall credit the Billed Party for the amount of the dispute(s) ("Disputed Amounts"), along with interest charges as defined in the Late Payment Charges section 5.0 et seq., below, no later than the second Bill Due Date after the resolution of the dispute or as otherwise agreed by the Parties, The Billing Party shall limit any such credit(s) associated with the dispute consistent with the Stake Date limitations set forth below.
- 2.9 The Parties will reimburse or credit each other for incorrect charges including, but not limited to, overcharges, services ordered or requested but not delivered and service interruption which cause the purchased service to be unavailable. All requests for reimbursement or credit under this section shall be submitted by the Billed Party to the Billing Party through the claims process set forth in section 6.7 below.
- 2.10 The Billing Party making a credit may issue the credit in the "Other Charges and Credits" portion of the applicable Billing Account Number (BAN), unless the Parties agree to pay by electronic funds transfer via ACH network, wire transfer, check, or other mutually agreed means.

3. REMITTANCE AND PAYMENT OF BILLS OTHER THAN FOR RECIPROCAL COMPENSATION

- 3.1 Except for Reciprocal Compensation billing, which is set forth separately in Section 4 below, and unless otherwise stated, each Party will render monthly bill(s) to the other for Resale Services, unbundled Network Elements, and Collocation, and all functions, facilities, products and services provided in the Agreement at the rates set forth in the applicable Appendix Pricing, or as otherwise agreed to by the Parties.
- 3.2 Subject to the terms of this Appendix, each Party shall remit payment the other Party as set out below:
 - 3.2.1 Remittance in full of all bills not subject to an exception set forth in Section 8 are due thirty (30) calendar days after each Bill Date (the "Bill Due Date") and shall be paid in accordance with the terms of this Appendix Invoicing. If the Bill Due Date is a Saturday, Sunday, or has been designated a bank holiday, payment will be due the next business day. Late payment charges, if any, will be assessed in accordance with the requirements in this Appendix.
 - 3.2.2 The Billed Party shall make all payments to the Billing Party by electronic funds credit transfers through the Automated Clearing House ("ACH") network to the financial institution designated by the Billing Party. Remittance information will be communicated together with the funds transfer via the ACH network. Both Parties must use the CCD+ or the CTX transaction set. Both Parties will abide by

National Automated Clearing House Association (NACHA) rules and regulations. Each ACH credit transfer must be received no later than the Bill Due Date, or any agreed-to extension thereof, of each bill or Late Payment Charges will apply. The Billing Party is not liable for any delays in receipt of funds or errors in entries caused by the Billed Party or third parties, including the Billed Party's financial institution. Each Party is responsible for its own banking fees.

3.2.3 The Parties acknowledge that processing of payments not made via electronic funds credit transfers through the ACH network may be delayed. For those bills it receives electronically, the Billed Party shall be responsible for any Late Payment Charges resulting from failure to use electronic funds credit transfers through the ACH network. If the Billing Party makes a bill available electronically but the Billed Party chooses not to receive that particular bill electronically (i.e., requests that the bill be provided in hard copy only), the Billing Party shall not be excused from the requirement to make payment through the ACH network.

3.3 Except as provided in Sections 4 (REMITTANCE AND PAYMENT OF BILLS FOR RECIPROCAL COMPENSATION) and 8 (EXCEPTIONS) of this Appendix Invoicing, the Billed Party shall pay in full all billed charges, even if some or all of the charges are disputed. However, nothing in this Appendix Invoicing shall be construed to limit either Party's ability to file claims at the Local Service Center and/or seek Dispute Resolution in accordance with the terms of this Agreement.

4. REMITTANCE AND PAYMENT OF BILLS FOR RECIPROCAL COMPENSATION

4.1 For all bills rendered for services specified in Appendix Reciprocal Compensation, each Party will calculate terminating interconnection minutes of use based on standard recordings made within each Party's network for 251(b)(5) Traffic, Optional EAS Traffic (where applicable), ISP-Bound Traffic, and LEC-carried IntraLATA Toll Traffic. These recordings shall be the basis for each Party to generate Reciprocal Compensation bills to the other Party.

4.2 The measurement of minutes of use over interconnection trunk groups shall be in actual conversation seconds. The total conversation seconds over each individual interconnection trunk group will be totaled for the entire monthly bill and then rounded to the next whole minute.

4.3 When applicable, the Parties will transmit the summarized originating minutes of use within 15 business days following the prior month's close of business via the CAT11 record process to the terminating Party for subsequent monthly intercompany settlement billing.

4.4 In the event of a loss of data, both Parties shall cooperate to reconstruct the lost 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.

4.5 Re-Billing or Back-Billing. The Billing Party can render Amended Invoices or "Back-Bills" in accordance with Section 7 of this Appendix.

4.6 Payment of all Reciprocal Compensation billing shall otherwise be due thirty (30) calendar days after each Bill Date (the "Bill Due Date") and shall be paid in accordance with the terms of this Appendix Invoicing. If the Bill Due Date is a Saturday, Sunday, or has been designated a bank holiday, payment will be due the next business day. Late Payment

Charges, if any, will be assessed in accordance with the requirements in section 5 of this Appendix.

5. LATE PAYMENT CHARGES

- 5.1 A late payment charge shall be applied, if: (i) no payment is received by the Billing Party by the Bill Due Date or any agreed-to extension thereof; (ii) a partial payment of the amount due is received by the Billing Party after the Bill Due Date; or (iii) payment or partial payment is received by the Billing Party in funds that are not immediately available to the Billing Party.
- 5.1.1 If any charge incurred under this Agreement billed out of CRIS or RBS is past due, the unpaid amounts shall accrue interest from the Bill Due Date at an amount equal to the intrastate retail tariff governing Late Payment Charges to AT&T ILLINOIS' retail business end users customers in Illinois.
- 5.1.2 If any charge incurred under this Agreement for Services billed out of CABS is past due, the unpaid amounts shall accrue interest from the Bill Due Date at an amount equal to the intrastate access tariff governing Late Payment Charges in Illinois.

6. LIMITS ON BILLING DISPUTES

- 6.1 Stake Dates. In order to achieve greater certainty in the billing and bill auditing processes, the Parties have agreed to limit contractually how far back a claim of underbilling or overbilling can go, called setting "Stake Dates." To achieve this certainty, the Parties mutually agree that the Stake Dates shall apply regardless of whether the applicable billing before the Stake Date was in error or not, and regardless of whether statutory or common law limitations would permit a claim to go farther back in time. As used herein, therefore, "Stake Date" shall mean the point in time before which no adjustments, credits, refunds, reimbursements, or other billing true ups will apply, based on the filing of claims and Bill Dates (defined as the Invoice Date provided on the paper or electronic bill) set forth herein except as set forth in Section 6.2 below and Section 8.
- 6.2 Filing Claims. If any portion of an amount due to the Billing Party under this Agreement is subject to a bona fide dispute between the Parties, the Billed Party (Disputing Party) shall 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 provided. The Billed Disputing Party should utilize any existing and preferred form provided by the Billing Party to communicate disputes to the Billing Party, as set forth in section 6.7 below. In the event that the Billed Party cannot reasonably identify the specific circuit or bill detail and the reason or nature of the dispute at the time it opens a dispute, the Billed Party may still open the dispute (with written notice that further documentation is forthcoming), but shall provide all specific circuit or bill detail and the reason or nature of the dispute within sixty (60) days of opening the dispute. The Billed Party must submit any dispute by the applicable Stake Date set forth below. .
- 6.3 Appendix Collocation. The Stake Date for Collocation billing shall be one hundred twenty (120) days from the Bill Date (not the Bill Due Date).
- 6.4 Appendix Compensation. The Parties agree that, except as may be set forth by Applicable Law, there shall be no Stake Date for those charges billed pursuant to Appendix Reciprocal Compensation of this Agreement.

- 6.5 Other Services. The Stake Date for services other than those described in section 6.3 and 6.4 above shall be provided pursuant to this Agreement and shall be twelve (12) months from the Bill Date.
- 6.6 Transmission Failure. Neither Party may dispute a charge that beyond the applicable Stake Date, unless there has been a transmission failure for a bill transmitted electronically. In the event of such a transmission failure, the Bill Due Date shall be extended by the number of days elapsing between the transmission failure and the successful re-transmission.
- 6.7 Claims Process for Billing Disputes.
- 6.7.1 Disputes Filed by MCIm. When submitting disputes, MCIm agrees to use the AT&T ILLINOIS "13-State Billing Claims Dispute Form" or another mutually agreed-to format and shall submit the claims form to the appropriate AT&T ILLINOIS local service center ("LSC") or MCIm account team, as agreed by the Parties. For each dispute, MCIm shall furnish AT&T ILLINOIS with the information reasonably necessary to determine the nature and scope of the dispute. Such information shall include, as applicable, (i) the date of the bill in question, (ii) Consolidated Billing Accounts (CBA), Enhance Summary Billing Accounts, BAN, or invoice 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 and (vii) the reason that MCIm disputes the billed amount. Where applicable (e.g., the dispute applies to specific rate element(s) impacting the entire BAN), MCIm may furnish summary information rather than circuit-level detail. Upon receipt of a claims form, AT&T ILLINOIS may request additional information from MCIm that may reasonably be necessary to resolve the dispute but shall not deny MCIm's claim until MCIm has had the opportunity to provide the requested information. MCIm shall provide such additional information within thirty (30) days of receipt of AT&T ILLINOIS' request, unless the Parties agree to a different period. Any denial by AT&T ILLINOIS of a dispute submitted by MCIm shall be made in writing and directed to the attention of the MCIm contact who filed the dispute. Any proposed changes to the 13-State Billing Claims Dispute Form may be submitted to the 13-State CLEC User Forum for consideration; however, AT&T ILLINOIS reserves the right to modify the 13-State Billing Claims Dispute Form as needed for internal process purposes.
- 6.7.2 Disputes Filed by AT&T ILLINOIS. When submitting disputes, AT&T ILLINOIS agrees to use MCIm's preferred claims dispute form or another mutually agreed-to format and shall submit the claims form to the appropriate MCIm billing contact listed on the invoice. For each dispute, AT&T ILLINOIS shall furnish MCIm with the information reasonably necessary to determine the nature and scope of the dispute. Such information shall include, as applicable, (i) the date of the bill in question, (ii) CBA, ESBA, BAN, or invoice 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 and (vii) the reason that AT&T ILLINOIS disputes the billed amount. Where applicable (e.g., the dispute applies to specific rate element(s) impacting the entire BAN), AT&T ILLINOIS may furnish summary information rather than circuit-level detail. Upon receipt of a claims form, MCIm may request additional information from AT&T ILLINOIS that may reasonably be necessary to resolve the dispute but shall not deny AT&T ILLINOIS' claim until AT&T ILLINOIS has had the opportunity to provide the requested information. AT&T ILLINOIS shall provide such additional information within thirty (30) days of receipt of MCIm'

request, unless the Parties agree to a different period. Any denial by MCIm of a dispute submitted by AT&T ILLINOIS shall be made in writing and directed to the attention of the AT&T ILLINOIS contact who filed the dispute.

7. LIMITS ON BACKBILLING

- 7.1 If charges for services provided pursuant to this Agreement are found to be unbilled or underbilled, or need to be revised, adjusted, or otherwise rebilled, these amended or new invoices shall be collectively referred to as "backbilling." The Billing Party shall be limited to backbilling in accordance with the "Backbill Stake Dates" set forth below.
- 7.2 Appendix Collocation. The Backbill Stake Date for Collocation billing shall be one hundred twenty (120) days from the date the charges were incurred.
- 7.3 Appendix Compensation. The Parties agree that there shall be no Backbill Stake Date for those charges billed pursuant to Appendix Reciprocal Compensation of this Agreement.
- 7.4 The Backbill Stake Date for services other than those described in section 7.2 and 7.3 above shall be provided pursuant to this Agreement and shall be twelve (12) months from the Bill Date.
- 7.5 Intentionally Omitted.
- 7.6 In the event that the Billing Party cannot reasonably identify the specific circuit or bill detail at the time it submits a backbill, the Billing Party may still submit the backbill (with written notice that further documentation is forthcoming), but shall provide all specific circuit or bill detail within sixty (60) days of submitting the backbill.

8. EXCEPTIONS

- 8.1 This section describes exceptions to the Stake Dates outlined in sections 6.0 and 7.0, and to the "Pay and Dispute" approach outlined in section 3.3. The Parties agree, however, that this section does not create exceptions to any other requirements of this Appendix, including the claims filing process outlined in section 6.2 and 6.7.
- 8.2 Regulatory Required True Up. Anything to the contrary in this Appendix Invoicing notwithstanding, both Parties shall be entitled to seek a billing true up based on an applicable and effective order of the FCC, the Commission, a legislative body or a judicial body of competent jurisdiction. Without limiting the applicability of the foregoing, an example of this Stake Date exception is where a rate increase or surcharge is ordered, approved or allowed on a retroactive basis by the Commission or the FCC or by a court of competent jurisdiction.
- 8.3 Inaccurate Billing. On a Billing Account Number ("BAN") basis, the Billed Party may request an investigation for any BAN that the Billed Party has a good faith reason to believe (i) was rendered in error or (ii) contains obvious inaccuracies. For purposes of this section, rendered in error shall mean a bill that contains an OCN or OCNs that do not belong to the Billed Party or a bill for services that were ordered by a company other than the Billed Party. For purposes of this section, obvious inaccuracy shall mean only amounts due for that BAN that exceeds a 30% increase over the average monthly total for that BAN for the six-month period immediately preceeding the invoice in question.
 - 8.3.1 Any such request for an investigation shall follow the claims process in section 6.7. During the pendency of the investigation, the Billed Party must comply with all agreed upon requirements for filing claims and shall cooperate with the Billing

Party in investigating the billing inaccuracy. The request must include a notation of "inaccurate billing," a detailed explanation of what rate or rate elements are inaccurate, and show the calculation of the average monthly billing for the previous 6 (six) months worth of billing to that BAN.

- 8.3.2 Only amounts above the 130% level are relieved of the obligation to "pay and dispute" as specified in section 3.3 of this Appendix Invoicing, and only until a revised invoice for the investigated BAN is submitted, or for a period of sixty (60) days, whichever is sooner. Any invoices received for other BANs that are not the subject of a request for an investigation, shall be due and payable in accordance with the requirements of this Appendix Invoicing.

8.3.2.1 If a revised invoice for the investigated BAN is provided by the Billing Party to the Billed Party, the Bill Due Date for that revised invoice shall be thirty (30) days after the date the revised invoice is provided and all other terms and conditions herein will apply.

8.3.2.2 If no revised invoice for the investigated BAN is provided by the Billing Party, and the Parties have not completed the investigation for a billing inaccuracy within sixty (60) days of the date the Billed Party requested the investigation, then either Party may seek to resolve the dispute pursuant to the terms of the Dispute Resolution provisions of this Agreement.

- 8.3.3 In the event of a consolidation of multiple BANs into a single BAN, the Parties agree that the prior six months average billing for the remaining single BAN will no longer properly represent the basis for the 130% threshold, and that the Parties agree to meet and confer before invoking the withholding rights outlined above on the consolidated BAN.

- 8.4 The Parties obligation under a certain, "Agreement for the Distribution, Settlement, Billing and Collection of Unbundled Network Element Platform ("UNE-P") Alternately Billed Services Messages Between The MCI Competitive Local Exchange Carriers, and The AT&T Incumbent Local Exchange Carriers" effective January 1, 2004.

9. ADDITIONAL COPIES OF BILLS

- 9.1 Upon request of the Billed Party, the Billing Party shall provide the other with one (1) additional copy, per invoice cycle, of bills at no charge.

10. OSS BILLING

- 10.1 With respect to all current OSS billing interfaces covered by this Appendix, the Parties will comply with the final version of the AT&T ILLINOIS Uniform and Enhanced OSS ("Uniform POR") once approved by the FCC.
- 10.2 AT&T ILLINOIS shall provide proper notice of interface phase out as required by the Change Management process. The Parties acknowledge that Change Management processes may be affected by the final Uniform and Enhanced OSS Plan of Record (POR) once approved by FCC.
- 10.3 To achieve enhanced system functionality (e.g. Bill info, Daily Usage Extract as quickly as possible, the Parties acknowledge that they may deploy interfaces with requirements developed in advance of industry guidelines. Thus, subsequent modifications may be necessary to comply with emerging guidelines. The Parties are individually responsible for

evaluating the risk of developing their respective systems in advance of guidelines and agree to support their own system modifications to comply with new requirements.

- 10.4 The IS Call Center for the AT&T ILLINOIS region provides a technical support function for current OSS billing interfaces. MCIm will also provide a single point of contact for technical support issues related to the electronic OSS billing interfaces. The Parties are responsible for obtaining operating system software and hardware to access each other's current OSS billing interfaces.
- 10.5 AT&T ILLINOIS shall continue to provide MCIm electronic billing for the products/services currently billed electronically in the AT&T ILLINOIS region.
- 10.6 The Parties acknowledge that billing for everything in this Agreement from MCIm to AT&T ILLINOIS, the volume of bills does not warrant nor do the Parties desire an Application-to-Application interface. Therefore, MCIm will provide AT&T ILLINOIS with billing in paper format, unless otherwise mutually agreed.
- 10.7 The Parties will cooperatively test new BOS releases of CABs in line with normal industry practice. The Parties will also cooperatively test new releases, enhancements or other changes to the EDI billing system.

APPENDIX OPERATOR SERVICES

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1. INTRODUCTION

- 1.1 This Appendix sets forth the terms and conditions for Operator Services (OS) provided by AT&T ILLINOIS to MCIm. The terms and conditions for Operator Services being provided for MCIm's resale end user customers are set forth in Appendix Resale.
- 1.2 Pursuant to 47CFR 51.217, AT&T ILLINOIS will make available and provide nondiscriminatory access to any new or additional operator services, as that term operator services is defined in this Appendix, that it deploys during the term of the agreement

2. SERVICES

2.1 General

- 2.1.1 AT&T ILLINOIS shall ensure that MCIm end user customers have the capability to dial the same telephone numbers to access AT&T ILLINOIS Operator Service that AT&T ILLINOIS end user customers dial to access AT&T ILLINOIS Operator Service.

- 2.1.2 Intentionally Omitted.

2.2 Operator Services

- 2.2.1 If Customized Routing is not provided and MCIm requests unbundled Operator Services, AT&T ILLINOIS shall provide nondiscriminatory access to all of its Operator Services, including, but not limited to, the following Operator Service capabilities:

- 2.2.1.1 AT&T ILLINOIS shall complete 0+ and 0- dialed local calls.
- 2.2.1.2 AT&T ILLINOIS shall complete 0+ intraLATA toll calls.
- 2.2.1.3 AT&T ILLINOIS shall complete calls that are billed to a calling card and MCIm shall designate the acceptable types of special billing.
- 2.2.1.4 AT&T ILLINOIS shall complete person-to-person calls.
- 2.2.1.5 AT&T ILLINOIS shall complete collect calls.
- 2.2.1.6 AT&T ILLINOIS shall provide the capability for callers to bill to a third party and shall complete such calls.
- 2.2.1.7 AT&T ILLINOIS shall complete station-to-station calls.
- 2.2.1.8 AT&T ILLINOIS shall process BLV/BLVI requests.
- 2.2.1.9 AT&T ILLINOIS shall refer emergency call trace requests to the appropriate call center or agency.
- 2.2.1.10 AT&T ILLINOIS shall process 0-dialed operator-assisted Directory Assistance calls.
- 2.2.1.11 AT&T ILLINOIS shall route 0- local traffic directly to a "live" operator team.

- 2.2.1.12 AT&T ILLINOIS shall provide caller assistance services to MCIm's disabled end user customers in the same manner that AT&T ILLINOIS provides caller assistance services to its disabled end user customer.
- 2.2.1.13 AT&T ILLINOIS shall also provide general assistance such as information about rates, area codes, references to conference call services, and answering other miscellaneous inquiries, to the same extent provided to AT&T ILLINOIS end user customers.
- 2.2.1.14 When requested by MCIm's end user customer, AT&T ILLINOIS shall provide corrected billing information to MCIm on Operator Services calls (e.g., without limitation, misdialed or misdirected calls) in the same manner as provided to AT&T ILLINOIS customers.
- 2.2.1.15 All Operator Services shall, at a minimum, comply with industry standards.
- 2.2.2 AT&T ILLINOIS shall direct customer inquiries to the customer service center designated by MCIm.
- 2.3 Where technically feasible, AT&T ILLINOIS will provide the following OS:
 - 2.3.1 Fully Automated Call Processing

Allows the caller to complete a call utilizing equipment without the assistance of an AT&T ILLINOIS operator, hereafter called "Operator."

 - 2.3.1.1 AT&T ILLINOIS - This allows the caller the option of completing calls through an Automated Alternate Billing System (AABS). Automated functions can only be activated from a touch-tone telephone. Use of a rotary telephone or failure or slow response by the caller to the audio prompts will bridge the caller to an Operator for assistance.
 - 2.3.1.2 Intentionally Omitted.
 - 2.3.2 Operator-Assisted Call Processing
 - 2.3.2.1 Allows the caller to complete a call by receiving assistance from an Operator.
- 2.4 Operator Assisted Calls to Directory Assistance ("OADA")
 - 2.4.1 OADA refers to the situation in which a calling party dials "0" and asks the operator for Directory Assistance and is automatically transferred to a Directory Assistance operator. AT&T ILLINOIS will offer OADA to calling parties on a nondiscriminatory basis.

3. SERVICES

- 3.1 Fully Automated Call Processing - Where technically feasible, AT&T ILLINOIS can support the following fully automated call types as outlined below:

3.1.1 Fully Automated Calling Card Service

- 3.1.1.1 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 billing validation can be performed.

3.2 Operator-Assisted Call Processing - Where technically feasible, AT&T ILLINOIS will support the following Operator-assisted call types for MCIm:

- 3.2.1 Semi-Automated Calling Card Service. A service provided when the caller dials zero (0) plus the telephone number desired and the calling card number to which the call is to be charged. The call is completed with the assistance of an Operator. An authorized calling card for the purpose of this Appendix, is one for which AT&T ILLINOIS can perform billing validation.
- 3.2.2 Semi-Automated Collect and Bill to Third Number Services. The caller dials zero (0) plus the telephone number desired, and selects the Collect or Bill To Third Number billing option as instructed by the automated equipment. The call is completed with the assistance of an Operator.
- 3.2.3 Semi-Automated Person-To-Person Service. A service in which the caller dials zero (0) plus the telephone number desired and asks the Operator for assistance in reaching a particular person, 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.
- 3.2.4 Operator Handled Services. Services provided when the caller dials zero (0) for Operator assistance in placing a sent paid, calling card, collect, third number or person to person call.
- 3.2.5 Busy Line Verification. A service in which the Operator, upon request, will check the requested line for conversation in progress and advise the caller.
- 3.2.6 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 applies even if no conversation is in progress at the time of the interrupt attempt, or when the Parties interrupted refuse to terminate the conversation in progress.
- 3.2.7 Operator Transfer Service. A service in which the local caller requires Operator Assistance for completion of a call terminating outside the originating LATA.
- 3.2.8 General Assistance is used to describe those general types of assistance the operator bureaus of each Party typically provide to each other. General Assistance includes, but is not limited to, circumstances in which an operator seeks assistance in dialing a number (e.g., for attempting to dial a number where a 'no ring' condition has been encountered) and emergency assistance.

4. **CALL BRANDING**

- 4.1 Call Branding is the process by which an Operator, either live or recorded, will identify the OS provider as being MCIm, audibly and distinctly to the MCIm end user at the beginning of each OS call. In all cases, AT&T ILLINOIS will brand the OS call as directed by MCIm.

MCIm will provide written specifications of its name or announcement to be used by AT&T ILLINOIS to create the recorded branding announcement for its OS calls as outlined in the Operator Services Questionnaire.

- 4.2 Where not technically feasible or where MCIm does not request branding, AT&T will have the recorded announcement for such calls play silence instead of a recorded brand. Where technically feasible and/or available, AT&T ILLINOIS will brand OS based upon the criteria outlined.

- 4.2.1 Where AT&T ILLINOIS is only providing OS on behalf of MCIm, the calls will be branded. When the same trunk group is used to provide OS and DA services to MCIm, calls will be branded at MCIm's request with the same brand. There may be separate brands where separate trunk groups are utilized.

4.2.2 Branding Load Charges

Non-recurring load charges apply per brand, per Operator Assistance Switch (and per OCN, if multiple OCNs are used) for the establishment of MCIm specific branding. In addition, a per call "branding" (i.e. recorded announcement) charge applies for every OS call handled by the automated recording in the AT&T ILLINOIS OS platform.

- 4.2.2.1 Branding charges are included in Appendix Pricing.

5. OPERATOR SERVICES (OS) RATE/REFERENCE INFORMATION

- 5.1 If MCIm elects to use OS services where technically feasible and/or available, AT&T ILLINOIS will provide MCIm OS Rate/Reference Information, based upon the criteria outlined below:

- 5.1.1 MCIm will furnish OS Rate and Reference Information in accordance with process outlined in Operator Services Questionnaire (OSQ) posted on AT&T's CLEC online website thirty (30) calendar days in advance of the date when the OS Services are to be undertaken.

- 5.1.2 MCIm will inform AT&T ILLINOIS, in writing, of any changes to be made to such Rate/Reference Information fourteen (14) calendar days prior to the effective Rate/Reference change date. MCIm acknowledges that it is responsible to provide AT&T ILLINOIS updated Rate/Reference Information fourteen (14) calendar days in advance of when the updated Rate/Reference Information is to become effective.

- 5.1.3 An initial non-recurring charge will apply per state, per Operator assistance switch for loading of MCIm's OS Rate/Reference Information. An additional non-recurring charge will apply per state, per Operator assistance switch for each subsequent change to either MCIm's OS Services Rate or Reference Information subject to the requirements herein.

- 5.2 When an AT&T ILLINOIS Operator receives a rate request from an MCIm end user customer, AT&T ILLINOIS will quote the applicable OS rates as provided by MCIm.

6. INTENTIONALLY OMITTED

- 6.1 Intentionally Omitted

7. HANDLING OF EMERGENCY CALLS TO OPERATOR

- 7.1 To the extent MCIm's NXX encompasses multiple emergency agencies, AT&T ILLINOIS agrees to ask the caller for the name of his/her community and to transfer the caller to the appropriate emergency agency for the caller's area. MCIm must provide AT&T ILLINOIS with the correct information to enable the transfer as required by the OSQ. MCIm will also provide default emergency agency numbers to use when the customer is unable to provide the name of his/her community. When the assistance of another Carrier's operator is required, AT&T ILLINOIS will attempt to reach the appropriate operator if the network facilities for Inward Assistance exist.

8. RESPONSIBILITIES OF THE PARTIES

- 8.1 MCIm will provide AT&T ILLINOIS at least thirty (30) days notice prior to any significant change in service levels for Operator Services under this Appendix.
- 8.2 MCIm will be responsible for providing the equipment and facilities necessary for signaling and routing calls with Automatic Number Identification (ANI) to each AT&T ILLINOIS Operator assistance switch. Should MCIm seek to obtain Interexchange OS from AT&T ILLINOIS, MCIm is responsible for ordering the necessary facilities under the appropriate Interstate or Intrastate Access Service Tariffs. Nothing in this Agreement in any way changes the manner in which an Interexchange Carrier obtains access service for the purpose of originating or terminating Interexchange traffic.
- 8.2.1 Facilities necessary for the provision of OS shall be provided by the Parties hereto, using standard trunk traffic engineering procedures to insure that the objective grade of service is met. Each Party shall bear the costs for its own facilities and equipment.
- 8.3 MCIm understands and acknowledges that before live traffic can be passed, MCIm is responsible for obtaining and providing to AT&T ILLINOIS, default emergency agency numbers.
- 8.4 AT&T ILLINOIS shall make available service enhancements on a nondiscriminatory basis as soon as such enhancements are available to AT&T ILLINOIS, its affiliate and all other CLECs. AT&T ILLINOIS shall communicate official information to MCIm via its accessible letter notification process. This process covers a variety of subjects, including updates on products/services promotions, deployment of new products/services, modification and price changes to existing products/services, cancellation or retirement of existing products/services and operational issues.
- 8.5 AT&T ILLINOIS shall provide MCIm with Operator Services equal in quality to those which provides to other CLECs and itself. Service quality must comply with all federal, state and local requirements, and must be at Parity.
- 8.6 MCIm will furnish to AT&T ILLINOIS a completed OSQ, thirty (30) calendar days in advance of the date when the OS are to be undertaken. MCIm will provide AT&T ILLINOIS updates to the OSQ fourteen (14) calendar days in advance of the date when changes are to become effective. AT&T ILLINOIS shall adequately staff its operator work force.

9. METHODS AND PRACTICES

- 9.1 AT&T ILLINOIS will provide OS to MCIm's end user customers in accordance with AT&T ILLINOIS OS methods and practices that are in effect at the time the OS call is made, unless otherwise agreed in writing by both Parties.

10. PRICING

- 10.1 The prices at which AT&T ILLINOIS agrees to provide MCIm with OS are contained in the applicable Appendix Pricing.

11. MONTHLY BILLING

- 11.1 AT&T ILLINOIS will accumulate and provide MCIm such data as necessary for MCIm to bill its end user customers.

12. INDEMNIFICATION

- 12.1 The provisions set forth in the General Terms and Conditions of this Agreement, including but not limited to those relating to limitation of liability and indemnification, shall govern the Parties' performance under this Appendix including arising from the disclosure of telephone numbers, addresses, or names associated with the telephone called or telephone used to call AT&T ILLINOIS' Operator Services.

13. TERM OF APPENDIX

- 13.1 MCIm must use such services for a minimum period of twelve (12) months, which period may extend past the termination of this Agreement. MCIm may terminate use of AT&T ILLINOIS' Operator Services any time after MCIm has used such Operator Services for the twelve (12) month minimum period upon one hundred twenty (120) days advance written notice to AT&T ILLINOIS, inclusive of the notice period.
- 13.2 If MCIm terminates use of AT&T ILLINOIS' Operator Services without complying with Section 13.1 above, MCIm shall pay AT&T ILLINOIS, within thirty (30) days of the issuance of a final bill by AT&T ILLINOIS, all amounts due as provided under this Appendix.

APPENDIX OUT OF EXCHANGE TRAFFIC

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APPENDIX OUT OF EXCHANGE TRAFFIC**1. DEFINITIONS**

- 1.1 This Appendix sets forth the terms and conditions necessary for the exchange of Out of Exchange Traffic (as defined in Section 1.4).
- 1.2 AT&T Operations Inc. (**AT&T-13STATE**) 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 Company d/b/a AT&T Arkansas, AT&T Kansas, AT&T Missouri, AT&T Oklahoma and/or AT&T Texas and/or Wisconsin Bell, Inc. d/b/a AT&T Wisconsin.
- 1.3 Intentionally Omitted.
- 1.4 For purposes of this Appendix only, "Out of Exchange Traffic" shall be defined as those categories of traffic subject to compensation pursuant to Appendix Reciprocal Compensation and includes only such interLATA traffic as is exchanged pursuant to an FCC approved or court ordered InterLATA boundary waiver that:
- (i) Originates from an MCI end user located in another ILEC's incumbent local exchange area and terminates to an **AT&T-13STATE** end user customer located in an **AT&T-13STATE** local exchange area or;
 - (ii) Originates from an **AT&T-13STATE** end user located in an **AT&T-13STATE** local exchange area and terminates to an MCI end user customer located in another ILEC's incumbent local exchange area.

2. INTRODUCTION

- 2.1 For purposes of this Appendix, MCI intends to operate and/or provide telecommunications services outside of **AT&T-13STATE** incumbent local exchange areas and desires to interconnect MCI's network with AT&T- 13STATE's network(s).
- 2.2 Intentionally Omitted.
- 2.3 Other than as set forth in this Appendix, **AT&T-13STATE**'s obligations under this Agreement shall apply only to the specific operating area(s) or portion thereof in which **AT&T-13STATE** is the ILEC under the Act.

3. NETWORK MANAGEMENT

- 3.1 The terms and conditions for network management, including CPN requirements, service levels, traffic management controls, reroutes, mass calling, quality of network connections and joint planning are set forth in Appendix NIM of this Agreement.

4. NETWORK CONNECTIONS FOR OUT OF EXCHANGE TRAFFIC

- 4.1 The Parties agree that **AT&T-13STATE**'s originating traffic destined for MCI end user customers in another ILEC's exchange will be delivered to MCI's POI arrangements in an AT&T local exchange area in the LATA where the traffic originates in accordance with the POI requirements set forth in the Appendix NIM of this Agreement. The Parties agree that MCI's traffic originating from another ILEC's exchange and destined for **AT&T-13STATE**

- end users will be delivered to MCIm's POI arrangements in the AT&T exchange area in the LATA where the traffic originates in accordance with the POI requirements set forth in Appendix NIM of this Agreement. When Out of Exchange Traffic exchanged between the end user customers of MCIm and AT&T-13STATE exceeds one DS1 (24 DS0s) to or from an AT&T-13STATE End Office, the Parties agree to establish a direct end office trunk group.
- 4.2 If MCIm is required to establish new interconnection trunks for the routing of Out of Exchange Traffic, AT&T-13STATE agrees to route its originating Out of Exchange Traffic over existing trunks until such time as the new trunks are operational for a timeframe not to exceed 90 days. MCIm will submit all necessary ASRs for the establishment of such new interconnection trunks. If, however, MCIm's failure to submit an ASR is due to a "facilities-not-available" situation, AT&T-13STATE will continue to route the traffic on existing trunks during the period in which the "facilities-not available" situation is being resolved. At such time that MCIm's trunks are operational, AT&T-13STATE's originating Out of Exchange traffic will be rerouted to MCIm's POI according to Section 4.1 above.
- 4.3 If MCIm is required to establish new interconnection trunks for the routing of Out of Exchange Traffic, MCIm may route its originating Out of Exchange Traffic to AT&T-13STATE's End Office via a Third Party ILEC's Tandem (subject to the approval of the Third Party ILEC) until such time as the new trunks are operational, for a timeframe not to exceed 90 days. MCIm will submit all necessary ASRs for the establishment of such new interconnection trunks. If, however, MCIm's failure to submit an ASR is due to a "facilities-not-available" situation, MCIm will continue to route the traffic via a Third Party ILEC's Tandem during the period in which the "facilities-not available" situation is being resolved. At such time that MCIm's trunks are operational, MCIm's originating Out of Exchange traffic will be rerouted to MCIm's POI according to Section 4.1 above.
- 4.4 MCIm shall route originating Out of Exchange Traffic to the serving tandem as defined by the LERG.
- 4.5 Intentionally Omitted.
- 4.6 If any Out of Exchange Traffic is not properly routed in accordance with this Appendix, the Parties will work cooperatively to correct the problem. This also includes traffic that is destined to End Offices that do not subtend AT&T-13STATE tandem. The Parties shall provide notice to each other pursuant to the Notices provisions of this Agreement that such misrouting has occurred. In the notice, the Party shall be given thirty (30) calendar days to cure such misrouting.
- 4.7 Intentionally Omitted.
- 4.8 Except as set forth in Section 4.3, MCIm may deliver traffic destined to terminate at AT&T-13STATE's End Office via a Third Party ILEC's Tandem solely as an overflow remedy. In no instance shall this arrangement be used to circumvent over utilization augments according to Appendix NIM. Nothing in this section shall require AT&T-13STATE to deliver traffic destined to terminate at MCIm's switch via a Third Party ILEC's Tandem.
- 4.9 Connection of a trunk group from MCIm to AT&T-13STATE's tandem(s) will provide MCIm accessibility to End Offices, IXC's, LEC's, WSP's and NXX's which subtend that tandem(s). Connection of a trunk group from one Party to the other Party's End Office(s) will provide the connecting Party accessibility only to the NXX's served by that individual End Office(s) to which the connecting Party interconnects. Direct End Office Trunk groups that connect the Parties End Office(s) shall provide the Parties accessibility only to the NXX's that are served by that End Office(s).
- 4.10 AT&T-13STATE will open MCIm NPA-NXX codes, rated to or identified to reside in non-AT&T-13STATE exchange areas, in AT&T-13STATE Tandems and End Offices using standard industry practice and intervals.

5. INTERCARRIER COMPENSATION

- 5.1 Nothing in this Appendix is intended to affect compensation arrangements set forth in Appendix Reciprocal Compensation of this Agreement. Such compensation arrangements shall apply for OE-LEC traffic as defined in Section 1.4.

6. INTENTIONALLY LEFT BLANK**7. INTENTIONALLY LEFT BLANK****8. INTENTIONALLY LEFT BLANK****9. INTERLATA SECTION 251(B)(5) TRAFFIC**

- 9.1 The Parties will exchange InterLATA Section 251(b)(5) Traffic that is covered by an FCC approved or court ordered InterLATA boundary waiver. AT&T-13STATE will exchange such traffic using two-way direct final trunk groups (i) via a facility to MCIm's POI in the originating LATA, or (ii) via a facility meet point arrangement at or near the exchange area boundary ("EAB"), or (iii) via a mutually agreed to meet point facility within the AT&T-13STATE exchange area covered under such InterLATA waiver, or (iv) any other mutually agreed upon method. If the exchange where the traffic is terminating is not an AT&T-13STATE exchange, AT&T-13STATE shall exchange such traffic using a two-way DF trunk group (i) via a facility to MCIm's POI within the originating LATA or (ii) via a mutually agreed to facility meet point arrangement at or near the EAB, or (iii) any other mutually agreed upon method. AT&T-13STATE will not provision or be responsible for facilities located outside of AT&T-13STATE exchange areas.
- 9.2 The Parties agree that the associated traffic from each AT&T-13STATE End Office will not alternate route.
- 9.3 Intentionally Omitted
- 9.4 Except as otherwise provided in this Appendix, for MCIm originated/AT&T-13STATE terminated traffic or AT&T-13STATE originated/ MCIm terminated traffic, if any such traffic is improperly routed by one Party over any trunk groups to other party and/or not routed in accordance with this Appendix, the Parties will work cooperatively to correct the problem.

APPENDIX RECIPROCAL COMPENSATION

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1. INTRODUCTION

This Appendix sets forth terms and conditions for Intercarrier Compensation between AT&T ILLINOIS and MCIm.

2. TRANSMISSION AND ROUTING OF TELEPHONE EXCHANGE SERVICE TRAFFIC RELEVANT TO COMPENSATION

2.1 The Telecommunications traffic exchanged between MCIm and AT&T ILLINOIS will be classified as either Section 251(b)(5) Traffic, ISP-Bound Traffic Transit Traffic, intraLATA Toll Traffic, or interLATA Toll Traffic. The Parties agree that, notwithstanding the classification of traffic under this Appendix, either Party is free to define its own local service areas for the purpose of providing telecommunications services to its own customers. The provisions of this Appendix apply to calls originated over the originating carrier's facilities or a carrier providing telecommunications services utilizing Unbundled Network Elements; they do not apply to traffic originated over facilities provided under local Resale arrangements.

2.2 Rates for transport and termination of Local Traffic must be symmetrical. For purposes of this section, symmetrical means that the amount charged for each rate element MCIm may assess AT&T ILLINOIS for the transport and termination of Local Traffic will be the same as the amount charged for each rate element which AT&T ILLINOIS may assess MCIm for the transport and termination of Local Traffic.

2.3 Reciprocal compensation applies for transport and termination of Section 251(b)(5) Traffic. When an end user customer originates Section 251(b)(5) Traffic, the originating Party shall compensate the terminating Party for the transport and termination of such Section 251(b)(5) Traffic at the rate(s) provided in Appendix Pricing. For purposes of intercarrier compensation, "Section 251(b)(5) Traffic" will be compensated depending on the End Office or Tandem serving arrangement, so long as the originating End User Customer of one Party and the Terminating End User Customer of the other Party are:

- (i) both physically located in the same AT&T ILLINOIS Local Exchange Area as defined in the AT&T ILLINOIS Local (or "General") Exchange Tariff on file with the applicable state commission or regulatory agency; or
- (ii) both physically located within neighboring AT&T ILLINOIS Local Exchange Areas that are within the same common mandatory local calling area. This includes, but is not limited to, mandatory Extended Area Service (EAS) or other mandatory extended local calling.

In accordance with the FCC's Order on Remand Report and Order, In the Matter of Implementation of the Local Compensation 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"), "ISP-Bound Traffic" is limited to telecommunications traffic exchanged between MCIm and AT&T ILLINOIS in which the originating end user of one Party and the terminating ISP of the other Party are:

- (i) both physically located in the same AT&T ILLINOIS Local Exchange Area as defined by AT&T ILLINOIS Local (or "General") Exchange Tariff on file with the applicable state commission or regulatory agency; or
- (ii) both physically located within neighboring AT&T ILLINOIS Local Exchange Areas that are within the same common mandatory local calling area. This includes, but it is not limited to, mandatory Extended Area Service (EAS), mandatory Extended

Local Calling Service (ELCS) or other types of mandatory expanded local calling scopes.

AT&T ILLINOIS has offered to exchange Section 251(b)(5) Traffic and ISP-Bound traffic pursuant to the FCC's interim ISP terminating compensation plan set forth in the FCC ISP Compensation Order and such traffic is presumed to be ISP-Bound Traffic in accordance with the rebuttable presumption set forth in Section 4.8 of this Appendix.

- 2.4 When traffic is either originated by or terminated to an end user customer served via unbundled Network Element (UNE) switch port, the requirements to record usage and to compensate the terminating Party shall remain the same as for switch-based service.
- 2.5 To the extent that the Parties are not exchanging traffic in a given Local Calling Area as of the Effective Date, the Parties' obligation to pay reciprocal compensation to each other for that Local Calling Area only shall commence on the date the Parties agree (which agreement shall not be unreasonably withheld) that the network is complete for that Local Calling Area (i.e., each Party has established its originating trunks as well as any ancillary functions (e.g., 9-1-1)) and is capable of fully supporting originating and terminating end user customers' traffic. In addition, the Parties agree that test traffic is not subject to compensation pursuant to this Appendix Reciprocal Compensation.
- 2.6 The Reciprocal Compensation arrangements set forth in this Appendix are not applicable to Exchange Access traffic. All Exchange Access traffic shall continue to be governed by the terms and conditions of applicable federal and state tariffs. The compensation arrangements for Section 251(b)(5), as defined in 47 C.F.R. § 51.701(b)(1) and subject to change in accordance therewith, are not applicable to (i) Exchange Access traffic, Information Access traffic, or Exchange Services for such access (ISP-bound Traffic shall be compensated and billed in accordance with Section 4.2 as agreed to by the parties) (ii) traffic originated by one Party on a number ported to its own network that terminates to another number ported on that same Party's network or (iii) any other type of traffic found to be exempt from reciprocal compensation by the FCC or the Commission and subject to the Change in Law provisions of this agreement. All Exchange Access traffic shall continue to be governed by the terms and conditions of applicable state, federal and NECA tariffs. The treatment of Voice over Internet Protocol (VOIP) traffic is set forth in Section 16.
 - 2.6.1 Foreign Exchange (FX) traffic (ISP-bound and non-ISP bound) shall be subject to bill and keep. Whether ISP-bound or non-ISP-bound, FX Traffic shall be defined as traffic for which MCIm designates different points for rating and routing such that traffic that originates in one rate center is carried by AT&T ILLINOIS to a routing point designated by MCIm in a rate center that is not local to the calling party even though the called NXX is local to the calling party.
- 2.7 Intentionally Omitted.
- 2.8 Intentionally Omitted.
- 2.9 Intentionally Omitted.
- 2.10 Intentionally Omitted.
- 2.11 The Parties recognize and agree that ISP and Internet traffic (excluding ISP-Bound Traffic as defined above in Section 2.3) could also be traded outside of the applicable local calling scope, or routed in ways that could make the rates and rate structures for Section

251(b)(5) Traffic and the FCC's ISP Terminating Compensation Plan above does not apply including, but not limited, to ISP calls that fit the definitions of the following traffic:

- o FX Traffic
- o IntraLATA Interexchange Traffic
- o InterLATA Interexchange Traffic
- o 800, 888, 877, ("8YY") Traffic
- o Feature Group A Traffic
- o Feature Group D Traffic

2.12.1 The Parties agree that, for the purposes of this Appendix, either Parties' end users remain free to place calls to an ISP under any of the above classifications. Notwithstanding anything to the contrary herein, to the extent such calls to an ISP are placed, the Parties agree that FCC's ISP Terminating Compensation Plan (including Options 1 and 2) do not apply, and that the rates, terms and conditions in this Agreement for such category of traffic shall apply, including but not limited to rating and routing according to the terminating parties' Exchange Access intrastate and/or interstate tariffs.

2.12.2 The Parties agree that physical interconnection, routing, and trunking of ISP calls on an Inter-Exchange basis, either IntraLATA or InterLATA, shall be as specified in the Agreement for all other traffic exchanged, including but not limited to, the need to route over Meet Point Billed trunks.

2.13 Intentionally Omitted.

2.14 Private Line Services include private line-like and special access services and are not subject to local reciprocal compensation. Private Line Services are defined as dedicated Telecommunications channels provided between two points or switched among multiple points and are used for voice, data, audio or video transmission. Private Line services include, but are not limited to, WATS access lines.

2.15 Exchange Access traffic is the offering by an incumbent or competitive Local Exchange Company of services or facilities to an Inter-exchange Carrier for the purpose of the origination or termination of telephone Toll Service. Such traffic includes inter-LATA and intra-LATA toll calls and is not subject to reciprocal compensation.

3. RESPONSIBILITIES OF THE PARTIES

3.1 Both Parties to this Appendix will be responsible for the accuracy and quality of the data as submitted to the respective parties involved, for traffic originated on each Party's respective network.

3.2 For all traffic including, without limitation, Switched Access Traffic and wireless traffic, each Party shall provide Calling Party Number as defined in 47 C.F.R. § 64.1600(c) ("CPN") in accordance with Section 3.4 and shall not strip, alter, modify, add, delete, change, or incorrectly assign any CPN. CPN shall, at a minimum, include information that accurately reflects the physical location of the end user customer that originated and/or dialed the call, when including such information is technically feasible. If either Party identifies improper incorrect or fraudulent use of local exchange services (including, but not limited to PRI, ISDN and/or Smart Trunks) or identifies stripped, altered, modified, added, deleted, changed and/or incorrectly assigned CPN, the Parties agree to cooperate with one another to investigate and take corrective action.

3.3 Intentionally Omitted

- 3.4 For traffic which is delivered by AT&T ILLINOIS or MCIm to be terminated on the other Party's network, if the percentage of calls passed with CPN is greater than ninety percent (90%), all calls exchanged without CPN will be billed as either Section 251(b)(5) Traffic or IntraLATA Toll Traffic in direct proportion to the minutes of use (MOU) of calls exchanged with CPN. If the percentage of calls passed with CPN is less than 90%, the originating Party will supply an auditable Percent Local Usage (PLU) report quarterly, based on the previous three months' traffic, and applicable to the following three months. In lieu of the foregoing PLU reports, the Parties may agree to provide and accept reasonable surrogate measures for an agreed-upon period.
- 3.4.1 If, as a result of the audit, either Party has overstated the PLU or underreported the call detail usage by ten percent (10%) or more, that Party shall: (i) reimburse the auditing Party for the cost of the audit; (ii) pay for the cost of a subsequent audit, which shall take place within nine (9) months of the initial audit; and (iii) be billed for all calls passed without CPN at the Intrastate IntraLATA Toll Traffic rate.
- 3.5 Both Parties will be responsible for passing on any CPN it receives from a third party for traffic delivered to the other Party.
- 3.6 If one Party is passing CPN but the other Party is not properly receiving information, the Parties will work cooperatively to correct the problem.
- 3.7 Loss of Data. 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. This estimate may be based on several methodologies involving at least three (3), but no more than twelve (12) consecutive months of prior usage data, if available.

4. COMPENSATION

- 4.1 Intentionally Omitted.
- 4.2 Exchange Only ISP-bound Traffic at the FCC's Interim ISP Terminating Compensation Plan Rate
- 4.2.1 The ISP-Bound Traffic rates, terms, conditions in this Sections 4.2 apply only to the termination of ISP-bound Traffic as defined in herein, with the remainder of Section 251(b)(5) Traffic to be compensated at the rates in the Appendix Price Schedule. Only ISP-Bound Traffic is subject to the growth caps, new market restrictions and rebuttable presumption stated below.
- 4.2.2 The Parties agree to compensate each other for the transport and termination of ISP-bound Traffic on a minute of use basis, at the rate set forth in Appendix Pricing.
- 4.2.3 Payment of Inter-carrier Compensation on ISP-bound Traffic will not vary according to whether the traffic is routed through a tandem switch or directly to an end office switch.
- 4.2.4 Compensation for In-Balance Section 251(b)(5) Traffic
- 4.2.4.1 The compensation set forth below in Sections 4.2.5 and 4.4 will apply to Section 251(b)(5) Traffic as defined in Section 2.2 of this Appendix.

4.2.5 Applicability of Rates:

4.2.5.1 The Parties agree to compensate each other for the transport and termination of Section 251(b)(5) Traffic as set forth in Appendix Pricing (ULS-Reciprocal Compensation for Termination of Local Traffic and Reciprocal Compensation) The following rate elements apply, but the corresponding rates are shown in Appendix Pricing.

4.2.5.2 Tandem Serving Rate Elements:

4.2.5.2.1 Tandem Switching - compensation for the use of tandem switching only.

4.2.5.2.2 Tandem Transport - compensation for the transmission facilities between the local tandem and the end offices subtending that tandem.

4.2.5.2.3 End Office Switching in a Tandem Serving Arrangement - compensation for the local end office switching and line termination necessary to complete the transmission in a tandem-served arrangement.

4.2.5.3 End Office Serving Rate Elements:

4.2.5.3.1 End Office Switching - compensation for the local end office switching and line termination necessary to complete the transmission in an end office serving arrangement.

4.3 Intentionally Omitted.

4.4 Tandem Interconnection Rate Application

4.4.1 For MCIm traffic that terminates to AT&T, transport and termination rates will vary according to whether the traffic is routed through a tandem switch or directly to an end office switch. For AT&T ILLINOIS traffic that terminates to MCIm, transport and termination rates will not vary according to whether the traffic is routed through a tandem switch or directly to an end office switch. Where MCIm has not affirmatively demonstrated that its switch serves a geographic area comparable to the area served by AT&T ILLINOIS's tandem switch, MCIm shall be entitled to receive the End Office Switching rate set forth in Section 4.2.5.3 above.

4.4.1.1 To qualify for the tandem interconnection rate pursuant to 47 C.F.R. §51.711(a)(3), MCIm must affirmatively demonstrate that its switch actually serves a geographic area comparable to the area served by AT&T's tandem switch. For purposes of this Appendix, MCIm's switch actually serves a geographic area comparable to the area served by AT&T's tandem when MCIm's switch is providing local service to NPA-NXXs assigned or ported to MCIm in the comparable geographic area. MCIm shall be entitled to the tandem interconnection rates (tandem switching, tandem common transport termination, tandem transport common facility, end office set-up and end office duration) for all calls. MCIm will use the Commission approved state-wide average of fourteen (14) miles for calculating the common transport facility rate set forth in Section 4.3.2. The Parties may mutually agree on a blended rate based on the above application of rates.

4.4.1.2 Intentionally Omitted.

4.4.2 The Parties agree that MCIm's switches serve an area comparable to AT&T ILLINOIS' tandem switches.

4.5 Intentionally Omitted

4.6 Bill and Keep for ISP-bound Traffic in New Markets

4.6.1 In the event MCIm and AT&T ILLINOIS have not previously exchanged ISP-bound Traffic in any one or more ILLINOIS LATAs, prior to April 18, 2001, Bill and Keep will be the reciprocal compensation arrangement for all ISP-bound Traffic between MCIm and AT&T ILLINOIS for the remaining term of this Agreement in any such ILLINOIS LATAs.

4.6.2 In the event MCIm and AT&T ILLINOIS have previously exchanged traffic in an ILLINOIS LATA, prior to April 18, 2001, the Parties agree that they shall only compensate each other for completing ISP-bound Traffic exchanged in that ILLINOIS LATA, and that any ISP-bound Traffic in other ILLINOIS LATAs, shall be Bill and Keep for the remaining term of this Agreement.

4.6.2.1 Wherever Bill and Keep is the traffic termination arrangement between MCIm and AT&T ILLINOIS, both Parties shall segregate the Bill and Keep traffic from other compensable local traffic either (a) by excluding the Bill and Keep minutes of use from other compensable minutes of use in the monthly billing invoices, or (b) by any other means mutually agreed upon by the Parties.

4.7 The Growth Cap and New Market Bill and Keep arrangement applies only to ISP-bound Traffic and does not include Transit traffic, IntraLATA Interexchange traffic, or InterLATA Interexchange traffic.

4.8 ISP-bound Traffic Rebuttable Presumption

4.8.1 In accordance with Paragraph 79 of the FCC's ISP Compensation Order, MCIm and AT&T ILLINOIS agree that there is a rebuttable presumption that any of the combined Section 251(b)(5) Traffic and ISP-bound traffic exchanged between MCIm and AT&T ILLINOIS exceeding a 3:1 terminating to originating ratio is presumed to be ISP-bound Traffic subject to the compensation and growth cap terms in this Section 4.0. 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. During the pendency of any such proceedings to rebut the presumption, MCIm and AT&T ILLINOIS will remain obligated to pay the presumptive rates (reciprocal compensation rates for traffic below a 3:1 ratio, the rates set forth above for traffic above the ratio) subject to a true-up upon the conclusion of such proceedings.

4.8.1.1 Intentionally Omitted.

4.9 Calculation of the 3:1 Ratio

4.9.1 For purposes of this Section, all Section 251(b)(5) traffic and all ISP-bound Traffic shall be referred to as "Billable Traffic" and will be billed in accordance with Section 13.0 below. The Party that transports and terminates more Billable Traffic ("Out-of-Balance Carrier") will, on a monthly basis, calculate (i) the amount of such traffic to be compensated at the Section 251(b)(5) reciprocal compensation rates set forth in Appendix Pricing (ii) the amount of such traffic to be compensated at the FCC interim ISP terminating compensation rate set forth above, and (iii) the amount of such traffic subject to Bill and Keep. For ISP-Bound traffic, the Out-of-Balance Carrier will invoice on a monthly basis the other Party in accordance with the provisions in this Agreement.

4.10 Intentionally Omitted.

4.10.1 Intentionally Omitted.

4.11 Intercarrier Unbundled Local Switching (ULS) Traffic. For the purposes of compensation where MCIm utilizes AT&T ILLINOIS' ULS (including UST), MCIm has the sole obligation to enter into a compensation agreement with third party carriers that MCIm originates traffic to and terminates traffic from, including traffic carried by Shared Transport Facilities and traffic carried on the IntraLATA Transmission Capabilities. In no event will AT&T ILLINOIS have any liability to MCIm or any third party if MCIm fails to enter into such compensation arrangements. In the event that traffic is exchanged with a third party carrier with whom MCIm does not have a traffic compensation agreement, MCIm will indemnify, defend and hold harmless AT&T ILLINOIS against any and all losses including without limitation, charges levied by such third party carrier. The third party carrier and MCIm will bill their respective charges directly to each other. AT&T ILLINOIS will not be required to function as a billing intermediary, e.g., clearinghouse. AT&T ILLINOIS may provide information regarding such traffic to other telecommunications carriers or entities as appropriate to resolve traffic compensation issues.

5. **COMPENSATION FOR INTRALATA TOLL CALLS**

5.1 The Parties will charge each other for the termination of intraLATA toll calls in accordance with each Party's respective Switched Access tariffs, but not to exceed the compensation contained in an ILEC's tariff in whose exchange area the End User is located, unless the Commission approves MCIm having a higher rate than AT&T ILLINOIS.

6. **INTENTIONALLY OMITTED**

7. **INTENTIONALLY OMITTED**

8. **INTENTIONALLY OMITTED**

9. **COMPENSATION FOR TERMINATION OF INTRALATA INTEREXCHANGE TOLL TRAFFIC**

9.1 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 13.

9.2 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.

- 9.3 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.

10. INTRALATA 800 TRAFFIC

- 10.1 The 800 Trunking arrangements are covered in NIM appendix. If the Local/intraLATA Trunks are used and requesting carrier performs the 800 query function, the intraLATA 800 Traffic will be recorded as toll calls. If the Access Toll Connecting Trunks are used, AT&T ILLINOIS will not record the intraLATA 800 Traffic.
- 10.2 The Parties shall provide to each other intraLATA 800 Access Detail Usage Data for Customer billing and intraLATA 800 Copy Detail Usage Data for access billing in Exchange Message Interface (EMI) format. The Parties agree to provide this data to each other at no charge. In the event of errors, omissions, or inaccuracies in data received from either Party, the liability of the Party providing such data shall be limited to the provision of corrected data only. If the originating Party does not send an end user customer billable record to the terminating Party, the originating Party will not bill the terminating Party any interconnection charges for this traffic.
- 10.3 For intraLATA Toll Free Service calls where such service is provided by one of the Parties, the compensation set forth in each Party's respective Switched Access tariff will be charged by the Party originating the call, rather than the Party terminating the call. Billing shall be based on originating and terminating NPA NXX.

11. MEET POINT BILLING (MPB) SPECIAL and SWITCHED ACCESS TRAFFIC COMPENSATION

- 11.1 Intentionally Omitted.
- 11.2 Intercarrier compensation for Switched Access Traffic shall be on a MPB basis as described below.
- 11.3 The Parties will establish MPB arrangements in order to provide Switched Access Services via the respective carrier's Tandem Office Switch in accordance with the MPB guidelines contained in, or upon approval to be added in future to the Ordering and Billing Forum's MECOD and MECAB documents.
- 11.4 Billing for the Switched Exchange Access Services jointly provided by the Parties via MPB arrangements shall 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 own tariff for that portion of the service it provides. Each Party will bill its own network access service rates. The residual interconnect charge (RIC), if any, will be billed by the Party providing the end office function.
- 11.5 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.
- 11.6 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 traffic jointly handled by the Parties via the Meet Point arrangement. Information shall be exchanged in a mutually acceptable electronic file transfer method. Where the EMI records cannot be transferred due to a transmission failure, records can be provided via a

mutually acceptable medium. The exchange of EMI Category 110XXX records to accommodate MPB will be on a reciprocal, no charge basis. Each Party agrees to provide the other Party with EMI Category 110XXX records based upon mutually agreed upon intervals.

- 11.7 MPB shall also apply to all jointly provided Switched Access MOU traffic bearing the 900, or toll free service NPAs (e.g., 800, 877, 866, 888 NPAs, or any other non-geographic NPAs). The Party that performs the SSP function (launches the query to the 800 database) will be the 800 Service Provider for this function.
- 11.8 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. Each Party shall coordinate and exchange the billing account reference (BAR) and billing account cross reference (BACR) numbers for the Meet Point Billing service. Each Party shall notify the other if the level of billing or other BAR/BACR elements change, resulting in a new BAR/BACR number.
- 11.9 Intentionally Omitted.
- 11.10 AT&T ILLINOIS and MCIm agree to provide the other Party with notification of any discovered errors within ten (10) business days of the discovery.

12. INTENTIONALLY OMITTED

13. BILLING ARRANGEMENTS FOR MUTUAL COMPENSATION TERMINATION OF LOCAL SECTION 251(B)(5), ISP-BOUND AND INTRALATA TOLL TRAFFIC

- 13.1 In ILLINOIS, the Billing Party will calculate terminating interconnection minutes of use based on standard Automatic Message Accounting (AMA) recordings made within each Party's network for Section 251(b)(5) Traffic, ISP-Bound Traffic and IntraLATA Toll Traffic. These recordings are the basis for each Party to generate bills to the other Party. ISP-Bound Traffic will be calculated using the 3:1 ratio as outlined in Section 4 above. 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.
- 13.2 For lost data see section 3.7 above.

14. BILLING ARRANGEMENTS FOR LEC CARRIED INTRALATA TOLL

- 14.1 Since AT&T ILLINOIS does not function as a primary toll carrier for any other company, for LEC carried IntraLATA toll traffic, the Parties will bill each other pursuant to their intrastate access tariff or interstate access tariff as appropriate using their terminating AMA records.

15. SEGREGATING AND TRACKING FX TRAFFIC

- 15.1 In order to ensure that FX traffic is being appropriately segregated from other types of intercarrier traffic, the Parties will assign a Percentage of FX Usage (PFX), which shall represent the estimated percentage of minutes of use that is attributable to all FX traffic in a given month.

- 15.1.1 The PFX, and any adjustments thereto, 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 FX lines, or any agreed method of estimating the FX traffic to be assigned the PFX.

APPENDIX RECORDING

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1. INTRODUCTION

- 1.1 This Appendix sets forth the terms and conditions under which AT&T ILLINOIS will provide recording, message processing and message detail services for (1) IXC transported calls for UNE and facility-base providers and (2) local calls associated with MCIm's end user customer use of resale or Lawful UNE

2. DEFINITIONS

- 2.1 Exchange Message Interface (EMI) Category 110XXX - 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).
- 2.2 "Assembly and Editing" - the aggregation of recorded end user customer message details to create individual message records and the verification that all necessary information required ensuring all individual message records meet industry specifications is present.
- 2.3 "Billing Company" - the company that bills for charges incurred.
- 2.4 "Billable Message" - a message record containing details of a completed call which is used for billing.
- 2.5 "Centralized Message Distribution System (CMD5)" - the national network of private line facilities used to exchange Exchange Message Interface (EMI) formatted billing data between AT&T ILLINOIS and the Billing Company.
- 2.6 "Data Transmission" - the forwarding by AT&T ILLINOIS of message detail and/or access usage record detail in EMI format over data lines or a mutually agreed-upon medium to the CLEC. Consistent with current practice, Category 01 records must be transmitted via the CMD5 host.
- 2.7 Intentionally Omitted.
- 2.8 "Interexchange Carrier (IXC)" - A third party transmission provider that carries long distance voice and non-voice traffic between user locations. IXCs provide service interstate and intrastate. In some states IXCs are permitted to operate within a LATA.
- 2.9 "Interexchange Carrier (IXC) Transported" - telecommunications services provided by an IXC or traffic transported by facilities belonging to an IXC.
- 2.10 Intentionally Omitted.
- 2.11 "Message Processing" - the creation of individual EMI formatted billable message detail records from individual recordings that reflect specific billing detail for use in billing the end user customer and/or 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 CMD5 online edits required to ensure message detail and access usage records are consistent with CMD5 specifications.
- 2.12 Intentionally Omitted
- 2.13 "Provision of Message Detail" - the sorting of all billable message detail and access usage record detail by Revenue Accounting Office, Operating Company Number or Service Bureau, splitting of data into packs for invoicing, and loading of data into files for data

transmission to MCIm for those records created internally or received from other Local Exchange Carrier Companies or Interexchange Carriers through AT&T ILLINOIS's internal network or national CMDS.

- 2.14 "Record" - a logical grouping of information as described in the programs that process information and create the magnetic tapes or data files.
- 2.15 "Recording" - the creation and storage on a mutually agreed upon medium of the basic billing details of a message in Automatic Message Accounting (AMA) format.
- 2.16 "Recording Company" - the company that performs the functions of recording and message processing of Interexchange Carrier (IXC) transported messages and the provision of message detail.
- 2.17 "800 Switching Control Point (SCP) Carrier Access Usage Summary Record (SCP Record)" - a summary record which contains information concerning the quantity and types of queries launched to an AT&T ILLINOIS SCP.

3. RESPONSIBILITIES OF THE PARTIES FOR IXC TRANSPORTED CALLS

- 3.1 AT&T ILLINOIS will record all IXC transported messages for MCIm carried over all Feature Group Switched Access Services that are available to AT&T ILLINOIS provided recording equipment or operators. Unavailable messages (i.e., certain operator messages that are not accessible by AT&T ILLINOIS-provided equipment or operators) will not be recorded. The recording equipment will be provided at locations selected by AT&T ILLINOIS.
- 3.2 Standard Category 11 EMI record formats (210 bytes) for the provision of access usage record detail will be established by AT&T ILLINOIS and provided to MCIm. AT&T ILLINOIS shall include the "From Number" of the call originator on each EMI call record. Customer usage records and station level detail records shall be in packs in accordance with EMI standards. AT&T ILLINOIS will provide access usage data within a timely manner and within the MECAB guidelines, but no later than ten (10) business days.
- 3.3 Recorded billable message detail and access usage detail will not be sorted to furnish detail by specific end user customers, by specific groups of end user customers, by office, by feature group or by location.
- 3.4 AT&T ILLINOIS will provide message detail to MCIm in data files, via data lines (normally a File Transfer Protocol), to receive and deliver messages or a network data mover facility, using software and hardware acceptable to both Parties.
- 3.5 MCIm will identify separately the location where the data transmissions should be sent (as applicable) and the number of times each month the information should be provided. AT&T ILLINOIS reserves the right to limit the frequency of transmission to existing AT&T ILLINOIS processing and work schedules, holidays, etc. For AT&T ILLINOIS, data transmissions are performed on a daily basis, Monday – Friday.
- 3.6 AT&T ILLINOIS will determine the number data files required to provide the access usage detail to MCIm.
- 3.7 The Parties shall retain copies of the message detail records provided to each other for ninety (90) days. MCIm may request that data, which has previously been successfully provided to MCIm by AT&T ILLINOIS, be re-provided by AT&T ILLINOIS, at no additional charge if the record detail is within the last ninety (90) days. If the request is for detail records transmitted more than ninety (90) days prior to the request date, such recorded

billable message detail and/or access usage record detail previously provided and lost or destroyed through no fault of AT&T ILLINOIS will only be made available to MCIm on an individual case basis at a cost determined by AT&T ILLINOIS.

- 3.8 Intentionally Omitted.
- 3.9 AT&T ILLINOIS will record the applicable detail necessary to generate access usage records and forward them to MCIm for its use in billing access to the IXC.
- 3.10 The Parties shall notify each other of resend requirements if a pack or entire dataset must be replaced. Notification of pack rejection shall be made within one (1) business day of processing and corrections. The Parties shall make commercially reasonable efforts to provide correction and retransmission of corrupted data within one (1) business day or within an alternate timeframe negotiated by the Parties. A pack shall conform to industry guidelines EMI standards.
- 3.11 When either Party is notified that, due to error or omission, incomplete data has been provided to non-Recording Company, each Party will make reasonable efforts to locate and/or recover the data and provide it to the non-Recording Company at no additional charge. Such requests to recover the data must be made within sixty (60) calendar days from the date the details initially were made available to the non-Recording Company. If written notification is not received within sixty (60) calendar days, the Recording Company shall have no further obligation to recover the data and shall have no further liability to the non-Recording Company.
- 3.12 If, despite timely notification by the non-Recording Company, message detail is lost and unrecoverable as a direct result of the Recording Company having lost or damaged tapes or incurred system outages while performing recording, assembly and editing, rating, message processing, and/or transmission of message detail, both Parties will estimate the volume of lost messages and associated revenue based on information available to the Parties and utilizing a method or methods mutually agreed to by the Parties. In such events, the Recording Company's liability shall 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 message detail.
- 3.13 Intentionally Omitted.
- 3.14 Intentionally Omitted.
- 3.15 Intentionally Omitted.
- 3.16 Intentionally Omitted.
- 3.17 AT&T ILLINOIS as the Recording Company, agrees to provide recording, assembly and editing, message processing and provision of message detail for EMI Category 110XXX ordered/required by MCIm in accordance with this agreement on a reciprocal, no-charge basis. MCIm agrees to provide any and all EMI Category 110XXX required by AT&T ILLINOIS on a reciprocal, no-charge basis. The Parties agree that this mutual exchange of records at no charge to either Party shall otherwise be conducted according to the guidelines and specifications contained in the Multiple Exchange Carrier Access Billing (MECAB) document.
- 3.18 When MCIm is the Recording Company, MCIm agrees to provide its recorded billable messages detail and access usage detail data to AT&T ILLINOIS under the same terms and conditions of this Appendix.

4. DAILY USAGE FILE ("DUF") / CUSTOMER USAGE DATA

- 4.1 AT&T ILLINOIS will provide MCIm a specific Daily Usage File ("DUF" or "Usage Extract") for Resale Services and Network Element usage sensitive services provided hereunder ("Customer Usage Data"). AT&T ILLINOIS will provide MCIm with all originating and terminating call records for all UNE-P on end user customer numbers and originating call records for Resale end user customer numbers. Such Customer Usage Data shall be provided by AT&T ILLINOIS in accordance with Exchange Message Interface (EMI) guidelines supported by OBF. Any exceptions to the supported formats will be noted in the DUF implementation requirements documentation for each ILEC. The DUF shall include (i) specific daily usage, including both Local Traffic (if and where applicable) and LEC-carried IntraLATA Toll Traffic, in EMI format for usage sensitive services furnished in connection with each Resale Service and Network Element to the extent that similar usage sensitive information is provided to retail end user customers of AT&T ILLINOIS within that state, (ii) with sufficient detail to enable MCIm to bill its end user customers for usage sensitive services furnished by AT&T ILLINOIS in connection with Resale Services and Network Elements provided by AT&T ILLINOIS, (iii) with sufficient detail to enable MCIm to bill AT&T ILLINOIS the appropriate access charges for the termination of AT&T ILLINOIS end user toll traffic to MCIm's UNE-P end user customer. DUF records shall be based on call completion and not call attempts. Procedures and processes for implementing the interfaces with AT&T ILLINOIS will be included in implementation requirements documentation.
- 4.2 To establish file transmission for the Daily Usage File, MCIm must provide a written request to AT&T ILLINOIS, no less than sixty (60) calendar days prior to the desired first transmission date for each file.
- 4.3 Call detail for AT&T ILLINOIS-carried calls that are alternately billed to MCIm end user customers lines provided by AT&T ILLINOIS through Resale or Network Elements will be forwarded to MCIm as rated call detail on the DUF.
- 4.4 AT&T ILLINOIS shall bill MCIm for Usage Extract furnished by AT&T ILLINOIS in accordance with the price(s) provided in the applicable Appendix Pricing under "Electronic Billing Information." Pricing for Resale is listed as "Electronic Bill Information" in Appendix Pricing. Pricing for Lawful UNE DUF Exchange is listed as "Unbundled Local Switch Daily Usage Fee (DUF) in Appendix Pricing.
- 4.5 Interexchange call detail on Resale Services or Network Elements (ports) that is forwarded to AT&T ILLINOIS for billing, which would otherwise be processed by AT&T ILLINOIS for its retail end user customers, will be returned to the IXC and will not be passed through to MCIm. This call detail will be returned to the IXC with a transaction code indicating that the returned call originated from a resold account. Billing for Information Services and other ancillary services traffic on Resale Services and Network Elements (ports) will be passed through when AT&T ILLINOIS records the message.
- 4.6 Intentionally Omitted.

- 4.7 Intentionally Omitted.
- 4.8 When AT&T ILLINOIS is notified that, due to error or omission, incomplete data has been provided to MCIm, AT&T ILLINOIS will make reasonable efforts to locate and/or recover the data and provide it to MCIm 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 MCIm. If written notification is not received within sixty (60) calendar days, AT&T ILLINOIS shall have no further obligation to recover the data and shall have no further liability to MCIm.
- 4.8.1 If, despite timely notification by MCIm, message detail is lost and unrecoverable as a direct result of AT&T ILLINOIS having lost or damaged tapes or incurred system outages while performing recording, assembly and editing, rating, message processing, and/or transmission of message detail, AT&T ILLINOIS will estimate the volume of lost messages and associated revenue, with assistance from MCIm, based on information available to the Parties and utilizing a method or methods mutually agreed to by the Parties.
- 4.9 Intentionally Omitted.
- 4.10 Intentionally Omitted.
- 4.11 Intentionally Omitted.
- 4.12 Intentionally Omitted.
- 4.13 AT&T ILLINOIS shall provide call records to support usage sensitive vertical features if these features are part of AT&T ILLINOIS' resale or Lawful unbundled switching offerings in accordance to OBF guidelines.
- 4.14 The Parties shall notify each other of resend requirements if a pack or entire dataset must be replaced. Notification of pack rejection shall be made within one (1) business day of processing and corrections. The Parties shall make commercially reasonable efforts to provide correction and retransmission of corrupted data within one (1) business day or within an alternate timeframe negotiated by the Parties.
- 4.15 A pack shall conform to industry guidelines EMI standards.

APPENDIX RESALE

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1. TELECOMMUNICATIONS SERVICES PROVIDED FOR RESALE

- 1.1 This Appendix describes several services that AT&T ILLINOIS shall make available to MCIm for resale pursuant to this Agreement. All services or offerings of AT&T ILLINOIS, which are to be offered for resale pursuant to the Act, are subject to the terms herein. AT&T ILLINOIS shall make Telecommunications Services that AT&T ILLINOIS provides at retail to subscribers who are not Telecommunications Carriers available for resale consistent with the obligation under Section 251(c)(4)(A) of the Act and other applicable limitations.
- 1.1.1 The Parties acknowledge that MCIm has a duty pursuant to Section 251(b)(1) of the Act not to prohibit, and not to impose unreasonable or discriminatory conditions or limitations on, the resale of MCIm's telecommunications services.
- 1.2 At the request of MCIm, and pursuant to the requirements of the Act, AT&T ILLINOIS will make available to MCIm on non-discriminatory terms and conditions, any Telecommunications Service required by the Act and implementing regulations to be offered for resale that AT&T ILLINOIS currently provides or may offer hereafter. AT&T ILLINOIS shall also provide support functions and service functions, as set forth in this Appendix and Appendix OSS. The Telecommunications Services provided by AT&T ILLINOIS for resale, and the service functions and support functions provided by AT&T ILLINOIS to MCIm pursuant to this Agreement are collectively referred to as "Local Service."
- 1.3 MCIm may only resell AT&T ILLINOIS wholesale discounted service to other Telecommunications Carriers for the Telecommunications Carrier's own consumption, as End Users of the service, and not for the Telecommunications Carriers further resale or retail offering to the public, subject to the following conditions:
- 1.3.1 MCIm must resell AT&T ILLINOIS wholesale discounted service to Telecommunications Carriers at the same rates, terms and conditions as it resells to non-Telecommunications Carrier End Users;
- 1.3.2 Any Telecommunications Carrier, who purchases AT&T's wholesale-discounted services through MCIm, will be subject to the terms and conditions as MCIm under this MCIm/AT&T ILLINOIS Agreement, including, but not limiting to, not using AT&T ILLINOIS logo or name brand;
- 1.3.3 MCIm will be held responsible for any breach or violation of the terms and conditions (as provided in this MCIm/AT&T ILLINOIS Agreement) by such a third carrier, and
- 1.3.4 MCIm shall not circumvent the prohibition in Section 4.10 of the Resale Appendix by purchasing back (directly or indirectly), for its own use, AT&T ILLINOIS' wholesale-discounted services, from a Telecommunications Carrier, who obtained the services (directly or indirectly) from MCIm.

2. GENERAL TERMS AND CONDITIONS FOR RESALE

- 2.1 Primary Local Exchange Carrier Selection. Both Parties shall apply the principles set forth in Federal Communications Commission Rules, 47 C.F.R. Section 64.1100 et seq., to process End User selection of primary local exchange carriers. Neither Party shall require a written letter of authorization in order to process the required service orders to effectuate the migration. The ordering requirements for such migrations are subject to the LSOG requirements as set forth in the P.U.C. Substantive Rule § 26.131.

- 2.2 Prior to submitting an order under this Appendix, MCIm shall obtain authorization as required by applicable federal and state laws and regulations, and assumes responsibility for its applicable charges as specified in Applicable Law. AT&T ILLINOIS shall abide by the same applicable laws and regulations.
- 2.3 The Parties shall comply with all applicable Commission rules regarding switching End Users from one Telecommunications Carrier to another, including those rules governing those initiating a challenge to a change in an end user customer's local service provider.
- 2.4 When an End User changes or withdraws authorization, each Party shall release End User-specific facilities in accordance with the End User's direction or the direction of the End User's authorized agent. Further, when an End User abandons its premises, AT&T ILLINOIS is free to reclaim the facilities for use by another End User and is free to issue service orders required to reclaim such facilities. AT&T ILLINOIS shall notify MCIm of such abandonment in advance of removing the facilities. Such notification shall follow the email process currently in place between the Parties.
- 2.5 The Parties will comply with Commission Substantive Rule applicable to Telecommunication providers, § 26.131. AT&T ILLINOIS shall provide line loss notification to MCIm's as required by the Uniform Plan of Record.
- 2.6 MCIm is solely responsible for the payment of all charges for all services furnished under this Appendix ordered by MCIm or its authorized agent.
- 2.7 AT&T ILLINOIS shall not be responsible for the manner in which MCIm bills its End Users. All applicable rates and charges for services provided to MCIm under this Appendix will be billed directly to MCIm and shall be the responsibility of MCIm regardless of MCIm's ability to collect. MCIm shall not be responsible for payment of charges for any retail services furnished and billed by AT&T ILLINOIS directly to End Users.

3. PRICING

- 3.1 The wholesale discount for resale services shall be the appropriate commission ordered discount. In addition to the discounted rates set forth in Appendix Pricing, MCIm shall pay AT&T ILLINOIS for any applicable charges or fees, if any, incident to the establishment or provision of resale services requested by MCIm, including initial non-recurring charges.
- 3.2 Telecommunications Services, including promotions (greater than 90 days), shall be available to MCIm at wholesale rates as specified in Appendix Pricing, and shall be no less favorable than the wholesale rates made available by AT&T ILLINOIS to comparable CLECs.

4. RESALE RESTRICTIONS

- 4.1 To the extent consistent with applicable federal and state rules and regulations, MCIm may resell local services to provide Telecommunications Services. AT&T ILLINOIS will not prohibit, nor impose unreasonable or discriminatory conditions or limitations on the resale of its Telecommunications Services. Services that AT&T ILLINOIS has grandfathered or grandfathers in the future may only be resold to current subscribers of the same grandfathered services.
- 4.2 AT&T ILLINOIS shall not use promotional offerings to avoid the wholesale rate obligation, for example, by consecutively offering a series of ninety (90) day promotions. Promotions

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are available for the telecommunications services outlined in accordance with state specific commission requirements. AT&T ILLINOIS retail promotions of ninety (90) days or less are not available to MCIm for resale.

- 4.3 MCIm shall only resell services to the same category of subscriber to whom AT&T ILLINOIS offers such services (for example, residential service shall not be resold to business subscribers).
- 4.4 MCIm shall not use a resold service to avoid the rates, terms and conditions of AT&T ILLINOIS' corresponding retail tariff.
- 4.5 MCIm shall not use resold local Telecommunications Services to provide access or interconnection services to itself, Interexchange carriers (IXCs), wireless carriers, competitive access providers (CAPs), or other Telecommunications Carriers; provided, however, that MCIm may permit its subscribers to use resold local exchange telephone service to access IXCs, wireless carriers, CAPs, or other retail Telecommunications Carriers.
- 4.6 A Federal End User Common Line charge and any other appropriate Commission-approved charges, as set forth in the appropriate AT&T ILLINOIS federal and state tariff(s), that the Commission has approved for inclusion in the charges that CLECs will pay AT&T ILLINOIS for services for resale will apply to each local exchange line furnished to MCIm under this Appendix for resale. AT&T ILLINOIS will not charge MCIm any federal, state or local taxes that MCIm remits directly to the appropriate government agency. The 911 surcharge is not governed by this provision, but is addressed in Section 8.6. In this context, "commission approval" shall not include orders approving negotiated agreements pursuant to 252 of the Act.
- 4.7 To the extent allowable by law, MCIm shall be responsible for Primary Interexchange Carrier (PIC) and Local Primary Interexchange Carrier (LPIC) change charges associated with each local exchange line furnished to MCIm for resale. MCIm shall pay all charges for PIC and LPIC changes at the price listed in the Appendix Pricing.
- 4.8 When an End User converts existing service to CLEC resold service of the same type without any additions or changes, charges for such conversion will apply as set forth in Appendix Pricing in the "OTHER (Resale)" category, listed as "conversion charges," and are applied per billable telephone number as set forth in P.U.C. Substantive Rule § 26.131.
- 4.9 AT&T ILLINOIS shall provide on a nondiscriminatory basis, the services covered by this Appendix subject to the availability of existing facilities. MCIm shall resell the services provided herein only in those service areas in which such resale services or any feature or capability thereof are at retail by AT&T ILLINOIS as the incumbent local exchange carrier.
- 4.10 AT&T ILLINOIS' services are not available at wholesale rates to MCIm for its own use or for the use of any of MCIm's affiliates and/or subsidiaries or the use of MCIm's parent or any affiliate and/or subsidiary of MCIm's parent company, if any.
- 4.11 Unless permitted by tariff, MCIm shall not permit the sharing of a service by multiple End User(s) or the aggregation of traffic from multiple End Users onto a single service.
- 4.12 To the extent AT&T ILLINOIS makes available to itself, its End Users, subsidiaries, Affiliates or any other third parties any volume or term discounts, AT&T ILLINOIS shall

make such volume and term discounts available to MCIm at the same rates, terms and conditions.

- 4.13 If MCIm is in violation of any provision of this Appendix Resale, AT&T ILLINOIS will notify MCIm of the violation in writing. Such notice shall refer to the specific provision being violated. MCIm will have thirty (30) calendar days to correct the violation and notify AT&T ILLINOIS in writing that the violation has been corrected. Should MCIm dispute the stated violation, MCIm must notify AT&T ILLINOIS in writing of the specific details and reasons for its dispute within fourteen (14) calendar days of receipt of the notice from AT&T ILLINOIS and comply with the Dispute Resolution provision of the Agreement to which this Appendix is attached. Resolution of any dispute by MCIm of the stated violation shall be conducted in compliance with the Dispute Resolution provisions set forth in the General Terms and Conditions of the Agreement to which this Appendix Resale is attached.

5. ASSUMPTION OF CUSTOMER SPECIFIC PRICING (CSP) CONTRACT CONVERSIONS

- 5.1 Grandfathered and sunsetted services are available to MCIm for resale at the applicable discount only to the same End User, at the existing End User's location, to which AT&T ILLINOIS provides the service, either at retail or through resale, and only for the End User's remaining period of eligibility.
- 5.2 Subject to the provisions of Section 5.1, the following shall apply:
- 5.2.1 AT&T ILLINOIS tariffed and Individual Case Basis (ICB) contracts that are assumed receive a wholesale discount of 3.16%.
- 5.3 If MCIm elects to terminate a AT&T ILLINOIS retail contract which MCIm had previously assumed, MCIm will be assessed the applicable termination charges remaining unless MCIm elects to simultaneously replace the existing contract with a contract of greater term and/or volume at the same discount MCIm receives for the previously assumed but now terminated contract.

6. DIALING AND SERVICE PARITY, NUMBER RETENTION

- 6.1 Unless technically infeasible, for resold service AT&T ILLINOIS shall ensure that all MCIm End Users experience the same dialing parity as comparable AT&T ILLINOIS End Users, such that, for all call types: (i) an MCIm End User is not required to dial any greater number of digits than a comparable AT&T ILLINOIS End User; (ii) the MCIm End User may retain its local telephone number with no loss of switch features and functionalities; and (iii) 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 MCIm End User is at least equal in quality to that experienced by a comparable AT&T ILLINOIS End User. This subsection shall also apply to the local portion of 1+ intraLATA and interLATA calls.
- 6.2 For resold services, AT&T ILLINOIS shall ensure that all MCIm End Users experience the same service levels as comparable AT&T ILLINOIS End Users, and that there is no loss of switch features or functionalities, including, but not limited to: same dial tone and ringing; same capability for either dial pulse or touch tone recognition; flat rate services; same extended local calling area.

7. CHANGES IN RETAIL SERVICE

- 7.1 AT&T ILLINOIS will notify MCIm at least forty five (45) days in advance of any changes in the terms (not pricing) and conditions under which it offers telecommunications services, including, but not limited to, the introduction of any new or discontinuance of any features, functions, services or promotions or the discontinuance of current features or services, in accordance with state commission guidelines.
- 7.2 The rights, obligations, and duties set forth in this Appendix are subject to Section 222 of the Act, regulations thereunder, and relevant FCC and Commission decisions, and state law.

8. REQUIREMENTS FOR SPECIFIC SERVICES

- 8.1 Centrex Requirements. CENTREX is a Grandfathered Service and MCIm may only offer it to customers that are eligible to receive CENTREX from AT&T ILLINOIS. MCIm shall only sell Plexar TM, Centrex and Centrex-like services to a single End User or multiple End User(s) in accordance with the terms and conditions set forth in the corresponding AT&T ILLINOIS retail tariff(s). Unless stayed, modified or reversed on appeal or reconsideration, the existing tariff language regarding contiguous property limitations, which was previously found reasonable by the Commission, will not apply.
- 8.2 MCIm may purchase the entire set of PLEXAR families of services and features or a subset of any one or any combination of such features in conjunction with PLEXAR services. The PLEXAR families of services provided for resale will meet the following requirements:
- 8.2.1 Intentionally Omitted
- 8.2.2 All features and functions of CENTREX Service, PLEXAR families of services, whether offered under tariff or otherwise, shall be available to MCIm for resale.
- 8.2.3 MCIm may purchase any and all levels of PLEXAR families of services (e.g., PLEXAR I, PLEXAR II, or PLEXAR Custom) for resale.
- 8.2.4 MCIm may be required to pay a charge, for the cost of suppressing the need for MCIm customers to dial "9" when placing calls outside the PLEXAR families of services.
- 8.2.5 AT&T ILLINOIS will furnish PLEXAR Custom services to MCIm for resale subject to this section of this Resale Appendix. AT&T ILLINOIS' provision of PLEXAR Custom will be as specified in this paragraph. AT&T ILLINOIS will offer MCIm the same price AT&T ILLINOIS provides to its Customers less costs that will be avoided.
- 8.2.6 Intentionally Omitted.
- 8.2.7 Intentionally Omitted.
- 8.3 MCIm may only resell special needs services as identified in associated state specific tariffs to persons who are eligible for each such service. As used herein, the term "special needs services" means services for the physically disabled where the disability is related to vision, speech, hearing or motion. Further, to the extent MCIm resells services

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that require certification on the part of the End User, MCIm shall ensure that the End User has obtained proper certification, continues to be eligible for the programs, and complies with all rules and regulations as established by the appropriate Commission and in the AT&T ILLINOIS tariffs.

8.3.1 Intentionally Omitted.

8.3.2 Intentionally Omitted.

8.4 Intercept and Transfer Services. AT&T ILLINOIS shall provide intercept and transfer services to MCIm for MCIm End Users on the same basis as such services are available to comparable AT&T ILLINOIS End Users.

8.5 E911/911 Services. AT&T ILLINOIS shall provide to MCIm, for MCIm End Users, E911/911 call routing to the appropriate Public Safety Answering Point ("PSAP") at parity with that provided to AT&T ILLINOIS's End Users. AT&T ILLINOIS shall use its service order process to update and maintain on the same schedule that it uses for its retail customers, the MCIm customer service information in the ALI/DMS used to support 911 services. AT&T ILLINOIS shall provide MCIm End User information to the PSAP.

8.6 AT&T ILLINOIS will be responsible for the remittance of 911 surcharges for Resale services only, and will bill MCIm where applicable for surcharges remitted to the appropriate E911 Customer until the rule in Docket 04-0771 becomes effective, at which time, subject to the transition period in such docket, MCIm shall be responsible for collecting and remitting all applicable 911 fees and surcharges on a per line basis to the appropriate Public Safety Answering Point (PSAP) or other Governmental Authority responsible for collection of such fees and surcharges subject to the Commission's 911 Rules (83 Ill. Adm. Code Part 725).

8.7 Intentionally Omitted

8.8 Customer Specific Pricing Agreements. MCIm may purchase AT&T ILLINOIS customer-specific service offerings for resale to any customer who would have been eligible to take such offering directly from AT&T ILLINOIS. Where MCIm and AT&T ILLINOIS are competing at retail for the same customer, both retail price and associated wholesale discount shall be calculated by AT&T ILLINOIS without unreasonable delay. AT&T ILLINOIS shall take all steps necessary to prevent its retail sales and marketing personnel from obtaining information regarding MCIm's request or other competitively sensitive information.

8.9 Inside Wire Maintenance Service. MCIm may enter into a separate agreement with AT&T ILLINOIS to purchase AT&T ILLINOIS inside wire maintenance service for use with MCIm customers.

8.10 Suspension of Service

8.10.1 MCIm may offer to resell End User Initiated Suspension and Restoral Service to its End Users.

8.10.2 MCIm may also provide AT&T ILLINOIS Initiated Suspension service for its own purposes. Service specifics may be obtained in state specific CLEC Handbooks.

- 8.10.2.1 MCIm shall be responsible for placing valid orders for the suspension and the subsequent disconnection or restoral of service to each of its End Users.
- 8.10.2.2 Should MCIm suspend service for one of its End UserEnd Users and fail to submit a subsequent disconnection order within the maximum number of calendar days permitted for a company initiated suspension pursuant to the state specific retail tariff, MCIm shall be charged and shall be responsible all appropriate monthly services charges for the End Users service from the suspension date through the disconnection date pursuant to the state specific retail tariff subject to the Commission approved wholesale discount.
- 8.10.3 Should MCIm restore its end user, restoral charges will apply and MCIm will be billed for the appropriate service from the time of suspension.
- 8.11 CLASS and Custom Features Requirements. Where deployed, and at MCIm's option, MCIm may purchase the entire set of CLASS and Custom Features and functions, or a subset of any one or any combination of such features that are actually deployed on an End User-specific basis, without restriction on the minimum or maximum number of lines or features that may be purchased for any one level of service.
- 8.12 MCIm may utilize Automatic Route Selection ("ARS") or Flexible Route Selection (FRS) capabilities, where available.

9. SUPPORT FUNCTIONS FOR RESOLD SERVICES

- 9.1 The following support functions are offered in conjunction with a resold service: Operator Services, Directory Assistance (OS/DA) and Repair Services.
- 9.2 AT&T ILLINOIS shall make customized routing of OS/DA traffic available to MCIm upon request. For issues involving Customized Routing of OS/DA traffic, see Appendix OS and Appendix DA.
- 9.3 Intentionally Omitted.
- 9.4 Branding
 - 9.4.1 Except where otherwise required by law, MCIm shall not, without AT&T ILLINOIS' prior written authorization, offer the services covered by this Appendix using the trademarks, service marks, trade names, brand names, logos, insignia, symbols or decorative designs of AT&T ILLINOIS or its Affiliates, nor shall MCIm state or imply that there is any joint business association or similar arrangement with AT&T ILLINOIS in the provision of Telecommunications Services to MCIm's End User.
 - 9.4.2 Where available, AT&T ILLINOIS will brand Operator Services (OS) and/or Directory Assistance (DA) as outlined below:
 - 9.4.2.1 MCIm will provide AT&T ILLINOIS recorded announcements and written specifications to be used to brand MCIm's OS/DA calls.
 - 9.4.2.2 A brand shall be announced at the beginning of each telephone call and before the consumer incurs any charge for the call.

9.4.2.3 Where AT&T ILLINOIS provides MCIm OS and DA services via the same trunk, both OS and DA calls will be branded with the same brand. Where separate trunk groups are utilized, different brands may be used on each trunk group.

9.4.2.4 Charges for branding are set forth in Appendix Pricing.

9.4.2.5 Until MCIm's resold OS/DA traffic is customized routed off of the AT&T ILLINOIS OS/DA platform, AT&T ILLINOIS will continue to provide OS/DA branding on AT&T ILLINOIS' own platform using the service provider ID solution currently in effect.

9.5 Intentionally Omitted.

9.6 Directory Assistance (DA) Listings

9.6.1 AT&T ILLINOIS will include the MCIm end user customer listing in its Directory Assistance database as part of the service order process. AT&T ILLINOIS will honor MCIm end user customer's preferences for listing status, including non-published and unlisted, as noted on the service order request or similar form and will ensure that the listing appears as MCIm requested in the AT&T ILLINOIS database which is used to perform Directory Assistance functions. AT&T ILLINOIS shall permit MCIm end user customers the option of having a non-listed telephone number; this option will be provided at the same price AT&T ILLINOIS charges its end user customers for the same option. Performance Measurements associated with this service are set forth in Appendix Performance Measurements and are incorporated by this reference. AT&T ILLINOIS will provide Directory Assistance service to MCIm that equals the Directory Assistance Service AT&T ILLINOIS provides to itself and its own End Users.

9.6.2 Intentionally Omitted.

9.7 The terms and conditions for OS/DA Rates and References are found in Appendices OS and DA, which are incorporated herein by reference.

9.8 OS/DA calls which, at MCIm's option, are routed to AT&T ILLINOIS, will meet or exceed the Performance Measurements which AT&T ILLINOIS provides to itself and its own End Users. AT&T ILLINOIS will provide the full range of Operator Services at the rates set forth in Appendix Pricing, including, but not limited to, collect, person-to-person, station to station, bill to third-party, busy line verification and busy line interrupt, handicapped caller assistance, and emergency call assist.

9.9 Repair Calls. The Parties shall refer repair calls (e.g., 611) dialed by the other Party's End User to the repair number supplied by the appropriate Party.

9.10 The terms and conditions for Operator to Operator (i.e., custom routing) Busy Line Verification, Busy Line Interrupt is found in Appendix Inward Assistance Operator Services which are incorporated herein by reference.

9.11 Access to the Line Information Database. MCIm's service order shall update and maintain MCIm End User information, in the Line Information Database ("LIDB") in the

same manner and on the same schedule that it processes service orders for AT&T ILLINOIS' End Users.

- 9.12 Telephone Line Number Calling Cards. AT&T ILLINOIS' assigned telephone line calling card account ceases to exist once MCIm becomes the account owner in LIDB. MCIm may choose to enable a MCIm calling card account based upon the telephone number of a resold line. To enable such a calling card account, MCIm shall provide (on the order for the resale line), a four-digit numerical pin number which will be used by the End User in the use of the MCIm calling card. AT&T ILLINOIS will provide billing usage data via the established mechanisms.
- 9.13 Intentionally Omitted
- 9.14 Call Blocking. Upon MCIm's request, AT&T ILLINOIS will provide blocking on a line by line basis of an MCIm End User's access to any or all of the following call types: 700, 900, 976, bill to third and collect, and such other call types for which AT&T ILLINOIS provides blocking to comparable End Users. If MCIm 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 Agreement and pay any applicable charges. It is the responsibility of MCIm to order the appropriate toll restriction or blocking on lines resold to End Users. MCIm acknowledges that blocking is not available for certain types of calls, including 800, 888, 411 and Directory Assistance Express Call Completion. MCIm shall not be responsible for any charges for calls for which blocking is not available or calls which bypass the blocking systems.
- 9.15 The terms and conditions for customized routing OS/DA calls are found in Appendix UNE, which are incorporated herein by reference.

10. SERVICE FUNCTIONS

AT&T ILLINOIS shall allow MCIm to place service orders and receive phone number assignments (for new lines). These activities shall be accomplished by electronic interface. AT&T ILLINOIS shall provide interface specifications for electronic access for these functions pursuant to other Appendices within this Agreement.

- 10.1 Work Order Processes. AT&T ILLINOIS shall ensure that all work order processes used to provision local service to MCIm for resale meet the service parity requirements set forth in other Appendices within this Agreement.
 - 10.1.1 Additional Service Ordering, Provisioning, Maintenance, Billing and Customer Usage Data requirements and procedures are set forth in other Appendices within this Agreement.
- 10.2 Point of Contact for the MCIm end user customer. Except as otherwise provided in this Agreement, MCIm shall be the single and sole point of contact for all MCIm end user customers.
- 10.3 The Parties shall refer all questions regarding each other's services or products directly to the other at a telephone number specified by the appropriate Party.
- 10.4 The Parties will ensure that all representatives who receive inquiries regarding the other Party's services shall (1) provide such numbers if available to callers who inquire about that Party's services or products, (2) do not in any way disparage or discriminate against

each other or that Party's products and services, and (3) not solicit each others' services during such inquiries.

- 10.5 Points of Contact. Each Party shall provide the other Party with a contact for all inquiries regarding the implementation of this Appendix. Each Party shall accept all inquiries from the other Party and provide timely responses.
- 10.6 Maintenance. Maintenance will be provided by AT&T ILLINOIS in accordance with the service parity requirements and measurements as set forth in other Appendices within this Agreement
- 10.7 Except as specifically provided in this Agreement or pursuant to an order of a court or commission of competent jurisdiction, AT&T ILLINOIS may not initiate any disconnect, suspension or termination of an MCIm customer's resale services unless directed to do so by MCIm by transmission of a service order or AT&T ILLINOIS' receipt of proper authorization to change such End User's primary local exchange carrier to a carrier other than MCIm. AT&T ILLINOIS will provide MCIm with an electronic notice of End Users who change their local carrier.
- 10.8 The Exchange of Billing Message Information shall be in accordance with Appendix Recording.
- 10.9 "As Is" Transfers of End User Accounts. AT&T ILLINOIS shall allow MCIm to initiate "As Is" transfers of local exchange telecommunications services in accordance with LSOR guidelines. For purposes of this Appendix, an "As Is" transfer is the transfer of all the telecommunications services and features available for resale that are currently being provided to a specific End User account.

11. WHITE PAGES DIRECTORIES

- 11.1 The terms and conditions for White Pages Directories are found in Appendix White Pages Directory, which are incorporated herein by reference.

12. CALL TRACE

- 12.1 MCIm end user's activation of Call Trace shall be handled by the AT&T ILLINOIS Call Trace Center (CTC). AT&T ILLINOIS shall notify MCIm of requests by its End Users to provide the call records to the proper authorities. Subsequent communications and resolution of the case with MCIm's End Users (whether that End User is the victim or the suspect) will be coordinated through MCIm.
- 12.2 MCIm 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 MCIm's responsibility to provide additional information necessary for any police investigation. MCIm will indemnify AT&T ILLINOIS against any claims that insufficient information led to inadequate prosecution.

13. MUTUAL RESPONSIBILITIES OF THE PARTIES

- 13.1 AT&T ILLINOIS will provide Pre-order, Ordering and Provisioning requests for Resale Services to MCIm, where an electronic OSS interface is not being utilized, and will be transmitted via facsimile to AT&T ILLINOIS' Local Service Center (LSC). AT&T ILLINOIS'

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LSC will respond to MCIm's calls with the same level of service which AT&T ILLINOIS provides to its local exchange End Users Customers.

- 13.2 Each Party will provide a Single Point of Contact (SPOC) for all ordering, status inquiries or escalation contacts (via an 800# to the LSC) between 8 a.m. to 5:30 p.m. Monday through Friday (except holidays).
- 13.3 Each Party will respond to emergency requests for after hours provisioning via the respective LOC, SPOC, or other designee as agreed upon by the Parties, 24 hrs/day, 7 days a week. Each Party will provide ordering and provisioning coordination for Resale services Monday through Friday from 8 a.m. to 5:30 p.m. through the respective LSC or the LOC, SPOC, or contact as agreed upon by the Parties as applicable. Each Party may request, at least two business days prior to the requested availability or as otherwise mutually agreed, that the Party 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 and provisioning coordination.
- 13.4 AT&T ILLINOIS will provide provisioning intervals and procedures for design and complex services on a nondiscriminatory basis.
- 13.5 Each Party will work together via the CLEC User Forum guidelines to share issues and address concerns regarding processes which impact the Parties.
- 13.6 All misdirected calls from either Party's End Users will be given a recording (or a live statement) directing them to call their local provider. To the extent procedures change such that the End Users become identifiable, such End Users will be directed to call the respective Party at a designated 800 number. The Parties will agree on the scripts to be used for this purpose.
- 13.7 Where technically feasible, AT&T ILLINOIS' LSC will provide coordination support for all designed and/or complex Resale services provided to MCIm. Services for which such support is to be provided include, without limitation, Data Services, Voice Grade Private Line, and ISDN PRI and BRI.
- 13.8 Simple and Complex Service Orders: If AT&T ILLINOIS on an electronic flow-through basis can handle an order with no manual intervention, the order is simple. All other orders are complex.
- 13.9 Intentionally Omitted
- 13.10 AT&T ILLINOIS will provide the functionality of blocking calls (e.g., 900, 976, international calls, and third party or collect calls) by line or trunk on an individual switching element basis, to the extent that AT&T ILLINOIS provides such blocking capabilities to its End Users, to other CLECs and to the extent required by law.
- 13.11 When ordering a Resale service via a service order, MCIm may order 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. AT&T ILLINOIS will accept PIC change orders for intraLATA toll and long distance services through the service provisioning process.
- 13.12 Unless otherwise directed, when MCIm orders a Resale service all pre-assigned trunk or telephone numbers currently associated with that service will be retained without loss of 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).

- 13.13 AT&T ILLINOIS will provide standard provisioning intervals for all Resale services at parity with what it provides its retail End Users, its affiliates and CLECs other than MCIm.

14. PROVISIONING REQUIREMENTS

- 14.1 Where available, AT&T ILLINOIS will perform pre-testing and will provide in writing (hard copy) or electronically, as directed by MCIm, all test and turn up results in support of Complex Resale services ordered.
- 14.2 When an AT&T ILLINOIS employee visits the premises of an MCIm End User, AT&T ILLINOIS' employee must inform the End User that he or she is acting on behalf of MCIm. Materials left at the End User premises (e.g., a door hanger notifying the End User of the service visit) must also inform the End User that AT&T ILLINOIS was acting on behalf of MCIm.
- 14.3 AT&T ILLINOIS' technicians will direct MCIm's End Users to contact MCIm if MCIm's End User requests a change in service at the time of installation.
- 14.4 AT&T ILLINOIS will provide telephone and/or facsimile notification of any charges associated with required construction for a given service, and obtain MCIm's approval prior to commencing construction under an order for such service.

15. ORDER DUE DATE

- 15.1 When a MCIm submits an LSR, MCIm will specify a desired Due Date (DDD) and AT&T ILLINOIS will specify a due date (DD) based on the available intervals. In the event a desired DD is less than the standard interval, the service order will be assigned a DD using the applicable interval.
- 15.2 If expedited service is requested, MCIm will populate Expedite and Expedite Reason on the request. The Parties will jointly negotiate an expedited DD. This situation will be considered an expedited order and applicable service order charges will apply. AT&T ILLINOIS will not complete the order prior to the DD or later than the DD unless authorized by MCIm.
- 15.3 MCIm will follow the escalation process documented on AT&T ILLINOIS' web sites (AT&T ILLINOIS' web site is CLEC Online) and contacts reflected on the escalation web site for resolving questions and disputes relating to ordering and provisioning procedures or to the process of individual orders, subject ultimately to the dispute resolution provisions of this Agreement. AT&T ILLINOIS will notify MCIm of any modifications to these contacts one (1) week in advance of such modifications.

16. REPAIR AND MAINTENANCE REQUIREMENTS

- 16.1 AT&T ILLINOIS will provide repair, maintenance, and testing, for all Resale services in accordance with the terms and conditions of this Appendix Resale.
- 16.2 AT&T ILLINOIS will provide maintenance for all Resale services on a nondiscriminatory basis.
- 16.3 AT&T ILLINOIS' technicians will provide repair service on a nondiscriminatory basis.

17. INTENTIONALLY OMITTED**18. INTERCOMPANY COMMUNICATIONS**

- 18.1 The Parties will establish an 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 AT&T ILLINOIS' Network Management Service Center ("NMSC"), and will utilize MCIm's Network Management Center ("NMC") or other identified contacts listed in the Profile (for AT&T ILLINOIS the document used is the "AT&T13-STATE CLEC Profile" (Section 7, Contact Names)) as the Single Point of Contact to notify the other Party of the existence, location, and source of all emergency network outages affecting MCIm's End User. Notification will be sent via facsimile and/or e-mail, as designated in the Profile. A Party's Customer Network Service Center ("CNSC") or NMC may call the other Party's Local Operation Center (LOC) in order to discuss scheduled activities that may impact MCIm's End Users. For purposes of this subsection, an emergency network outage is defined as 5,000 or more blocked call attempts in a ten (10) minute period, in a single exchange.

19. EMERGENCY RESTORATION

- 19.1 AT&T ILLINOIS' NMSC will notify the other Party via the Event Notification Process of activities involving the central office and inter-office network. Additionally, as cable cuts or failures are identified when MCIm reports trouble to the LOC, the LOC will notify MCIm of:
- 19.1.1 establishment of AT&T ILLINOIS' LOC as the single point of contact to provide MCIm with information relating to the status of restoration efforts and problem resolution during the Resale services restoration process; and
 - 19.1.2 methods and procedures for reprovisioning of all Resale services after initial restoration. Each Party agrees that Telecommunications Service Priority ("TSP") services for the other Party carry equal priority with each Party's TSP services for restoration. Each Party will follow the guidelines established under the National Security Emergency Procedures (NSEP) plan and will follow TSP guidelines for restoration of emergency services.

20. INTENTIONALLY OMITTED**21. INTENTIONALLY OMITTED****22. ESCALATION PROCEDURES**

- 22.1 The Parties will agree on written escalation procedures for maintenance resolution to be followed if, in MCIm'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 each Party's management personnel who are responsible for maintenance issues. For AT&T ILLINOIS, MCIm acknowledges that the LOC escalation contact list found on CLEC On Line meets the requirements of this Section to provide a contact for maintenance issues.

23. PREMISES VISIT PROCEDURES

23.1 AT&T ILLINOIS' Maintenance of Service Charges, when applicable, will be billed by AT&T ILLINOIS to the MCIm, and not to MCIm's End Users.

23.1.1 Dispatch of AT&T ILLINOIS' technicians to MCIm's End User premises shall be accomplished pursuant to a request received from MCIm. Additional dispatching of AT&T ILLINOIS' technicians may occur when AT&T ILLINOIS detects network trouble during routine maintenance.

23.1.2 Intentionally Omitted

23.1.3 If a trouble cannot be cleared without access to MCIm's End User's premises and the End User is not at home, the technician will leave a non-branded "no access" card requesting that the End User call MCIm for rescheduling of repair.

24. DESIGNED AND/OR COMPLEX NEW CIRCUIT TESTING

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

25. INSIDE WIRE MAINTENANCE SERVICE

25.1 AT&T ILLINOIS shall offer for resale inside wire maintenance service only pursuant to a separately executed Wholesale Inside Wire Plan Resale Agreement.

APPENDIX RIGHTS OF WAY

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1. INTRODUCTION

- 1.1 This Appendix sets forth the terms and conditions for Rights of Way (ROW), Conduits and Poles provided by AT&T ILLINOIS to MCIm.
- 1.2 Intentionally Omitted.
- 1.3 Intentionally Omitted.
- 1.4 The prices at which AT&T ILLINOIS agrees to provide MCIm with ROW are contained in the applicable Appendix Pricing.

2. DEFINITIONS

- 2.1 Intentionally Omitted.
- 2.2 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" includes only those anchors, which are owned by AT&T ILLINOIS, as distinguished from anchors, which are owned and controlled by other persons or entities, and does not include the guy strand, which connects the anchor to the pole.
- 2.3 Anchor/guy strand. The term "anchor/guy strand" refers to supporting 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. The term "anchor/guy strand" includes, but is not limited to, strands sometimes referred to as "anchor strands," "down guys," "guy strands," and "pole-to-pole guys."
- 2.4 Approved Vendor. A vendor who is qualified by AT&T ILLINOIS for installation, maintenance, and/or repair. AT&T ILLINOIS shall not unreasonably withhold approval of vendors.
- 2.5 Assigned. The term "assigned", when used with respect to conduit or duct space or pole attachment space, refers to any space in such conduit or duct or on such pole that is occupied by an entity with authority to attach. To ensure the judicious use of poles and conduits, space "assigned" must be physically occupied by said entity within 9 months of the space being "assigned".
- 2.6 Available. The term "available", when used with respect to conduit or duct space or pole telecommunication space, refers to any usable space in such conduit or duct, or any usable telecommunication space on such pole not assigned to a specific provider at the applicable time.
- 2.7 Conduit Occupancy. The terms "conduit occupancy" and "occupancy" refer to the presence of wire, cable, optical conductors, or other facilities within AT&T ILLINOIS' conduit system.

- 2.8 Conduit System. The term "conduit system" refers to any combination of ducts, conduits, manholes or hand holes joined to form an integrated hole. As used in this Agreement, the term "conduit system" does not include (a) cable and other telecommunications equipment located in conduit structure or (b) central office vaults, controlled environmental vault, or other AT&T ILLINOIS structures (such as huts and cabinets) which branch off from or are connected to AT&T ILLINOIS conduit. In this Appendix, the term refers to conduit systems owned or controlled by AT&T ILLINOIS.
- 2.9 Duct. The term "duct" refers to 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.
- 2.10 Facilities. The terms "facility" and "facilities" refer to any property or equipment utilized in the provision of telecommunication services.
- 2.11 Inner-Duct. The term "inner-duct" refers to a pathway created by subdividing a duct into smaller channels.
- 2.12 Insufficient Capacity. The lack of existing available space on or in Structure and the inability to create the necessary space by taking all reasonable steps to do so.
- 2.13 Licensee. The term "licensee" refers to MCIm which has entered or may enter into an agreement or arrangement with AT&T ILLINOIS permitting MCIm to place its facilities in AT&T ILLINOIS' conduit system or attach its facilities to AT&T ILLINOIS' poles or anchors. Licensee and MCIm may be used interchangeably throughout this Appendix.
- 2.14 Intentionally Omitted.
- 2.15 License. The term "license" refers to any license issued pursuant to this Agreement and may, if the context requires, refer to conduit occupancy or pole attachment permits issued by AT&T ILLINOIS prior to the date of this Agreement.
- 2.16 Make-Ready work. The term "make-ready work" refers to all work performed or to be performed to prepare AT&T ILLINOIS' conduit systems, poles or anchors and related facilities for the requested occupancy or attachment of MCIm'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 solely to accommodate MCIm's facilities and not to meet AT&T ILLINOIS' business needs or convenience. "Make-Ready work" may require "dig-ups" of existing facilities and may include the repair, enlargement or modification of AT&T ILLINOIS' facilities (including, but not limited to, conduits, ducts, handholes and manholes) or the performance of other work required to make a pole, anchor, conduit or duct usable for the initial placement of MCIm's facilities.
- 2.17 Manhole/Handhole. The term "manhole" refers to an enclosure, usually below ground level and entered through a covered hole on the surface, which personnel may enter and use for the purpose of installing, operating, and maintaining facilities in a conduit. The term "handhole" refers to a similar enclosure which is too small for personnel to enter.

- 2.18 Modification. Shall mean any action that either adds future capacity to, or increases the existing capacity of, a given facility. By way of example, adding a bracket to a pole that is immediately utilized or adding innerduct to an existing duct does not qualify as a "modification," while adding taller poles, adding new ducts between existing manholes and rebuilding manholes to accommodate additional cables would qualify as a "modification."
- 2.19 Occupancy. The term "occupancy" shall refer to the physical presence of telecommunication facilities in a duct, on a pole, or within a right-of-way.
- 2.20 Permit. Shall mean written permission granted by AT&T ILLINOIS to MCIm to construct and operate its attachment at the locations of AT&T ILLINOIS Structure(s).
- 2.21 Intentionally Omitted.
- 2.22 Intentionally Omitted.
- 2.23 Pole. The term "pole" refers to both utility poles and anchors but only to those utility poles and anchors owned or controlled by AT&T ILLINOIS, and does not include utility poles or anchors with respect to which (AT&T ILLINOIS has no legal authority to permit attachments by other persons or entities and does not include cables and other telecommunication equipment attached to pole structures.
- 2.24 Pre-permit (Field) Survey. The term "pre-permit survey" refers to all work and activities performed or to be performed to determine whether there is adequate capacity on a pole or in a conduit or conduit system (including manholes and handholes) to accommodate MCIm's facilities and to determine what make-ready work, if any, is required to prepare the pole, conduit or conduit system to accommodate MCIm's facilities.
- 2.25 Rights-of-way includes easements, licenses or any other right, whether based upon grant, reservation, contract, law or otherwise, to use property suitable for distribution facilities but does not include property owned or leased by AT&T ILLINOIS which is not used or suitable for distribution facilities such as business offices or corporate offices.

3. STRUCTURE AVAILABILITY

- 3.1 AT&T ILLINOIS shall make available, pursuant to the Act and FCC rules and regulations, access to poles, ducts, conduits and Rights-of-way along AT&T ILLINOIS' distribution network that are owned or controlled by AT&T ILLINOIS (individually and collectively, "Structure") for the placement of MCIm's wires, cables and related facilities (individually and collectively, "attachments").
- 3.2 Nothing contained in this Appendix shall be construed as abridging any independent pole attachment rights or conduit or duct access rights which MCIm may have under the provisions of any applicable federal or state laws or regulations governing access to AT&T ILLINOIS' poles, conduits and ducts.

- 3.3 AT&T ILLINOIS will not make Structure available:
- 3.3.1 Where, after taking all reasonable steps to accommodate such request, there is Insufficient Capacity to accommodate the requested attachment, or;
 - 3.3.2 An attachment cannot be accommodated based upon nondiscriminatory applied safety, reliability or engineering principles.
 - 3.3.3 Before denying a request for access based upon Insufficient Capacity, AT&T ILLINOIS will, in good faith explore potential accommodations with MCIm. If AT&T ILLINOIS denies a request by MCIm for access to its structure for Insufficient Capacity, safety, reliability or engineering reasons, AT&T ILLINOIS will provide MCIm a detailed, written reason for such denial as soon as practicable but, in any event, within forty-five (45) days of the date of such request.
 - 3.3.4 In the case of pole attachments, AT&T ILLINOIS shall, consistent with prudent engineering and design standards and practices, and subject to all applicable laws, ordinances, rules and regulations, take reasonable steps to make space available for MCIm's use without replacement of the pole whenever possible.
- 3.4 Franchises, Permits and Licenses
- 3.4.1 MCIm shall be responsible to secure any necessary franchises, permits, licenses and/or consents from federal, state, county or municipal authorities and from the owners of private property, to construct and operate its attachments at the location of the AT&T ILLINOIS Structure it uses.
 - 3.4.2 Permits granted by AT&T ILLINOIS under this attachment authorize MCIm to place facilities in, or attach facilities to, poles, conduits and ducts owned or controlled by AT&T ILLINOIS but do not affect the rights of landowners to control terms and conditions of access to their property.
 - 3.4.3 AT&T ILLINOIS shall issue to MCIm one or more licenses authorizing MCIm to place or attach facilities in or to specified poles, conduits, ducts or rights-of-way owned or controlled by AT&T ILLINOIS located within this State on a first come, first served basis. If AT&T ILLINOIS determines that the pole, conduit or duct space specifically requested by MCIm is necessary to meet AT&T ILLINOIS' present needs or is licensed by AT&T ILLINOIS to another licensee, AT&T ILLINOIS shall have the right to designate the particular duct(s) to be occupied, the location and manner in which MCIm's facilities will enter and exit AT&T ILLINOIS' conduit system and the specific location and manner of installation for any associated equipment which is permitted by AT&T ILLINOIS to occupy the conduit system or right-of-way, provided that AT&T ILLINOIS shall provide written notice to MCIm within forty-five (45) days following MCIm's request specifying in detail the reasons for denying MCIm's request. If MCIm disagrees with AT&T ILLINOIS' determination, the matter shall be resolved in accordance with the Alternative Dispute Resolution Process.

3.4.4 Licenses Required

3.4.4.1 Before placing any facilities in AT&T ILLINOIS' conduits or ducts or attaching any facilities to AT&T ILLINOIS' poles, anchors or anchor/guy strands, MCIm must first apply for and receive a written license from AT&T ILLINOIS. AT&T ILLINOIS shall not unreasonably deny or delay issuance of any license, and in any event, AT&T ILLINOIS shall issue such license within fifteen (15) Business Days from the submission of the license application if make-ready work is not required. If make-ready work is required, AT&T ILLINOIS shall issue such license at the same time the make-ready work is completed pursuant to Section 5.1.1.

3.5 If MCIm request access to an AT&T ILLINOIS Right-of-Way where AT&T ILLINOIS has no existing Structure, AT&T ILLINOIS shall not be required to construct new poles, conduits or ducts, or to bury cable for MCIm but will be required to make the Right-of-way available to MCIm to construct its own poles, conduits or ducts or to bury its own cable; provided, however, if AT&T ILLINOIS desires to extend its own attachments, AT&T ILLINOIS will construct Structure to accommodate MCIm's attachments.

4. APPLICATION PROCESS

4.1 Provision of Records

4.1.1 In order to obtain information regarding facilities, MCIm shall make a written request to AT&T ILLINOIS, identifying with reasonable specificity the geographic area for which facilities are required. In response to such request, AT&T ILLINOIS shall provide MCIm with information regarding the types, quantity and location (which may be provided by provision of route maps) of AT&T ILLINOIS poles, conduit and right-of-way located within the geographic area specified by MCIm within twenty (20) Business Days. Provision of information herein shall include the right of MCIm employees or agents to inspect and copy engineering records or drawings which pertain to those facilities within the geographic area identified in MCIm's request. Such inspection and copying shall be done at a time and place mutually agreed upon by the Parties.

4.1.2 For any information that is readily available, AT&T ILLINOIS shall use its best efforts to produce said information within five (5) days of the written requests. MCIm may elect to be present at any field based survey of facilities identified pursuant to this paragraph and AT&T ILLINOIS shall provide MCIm at least forty-eight (48) hours' notice prior to initiating such field survey. MCIm employees or agents shall be permitted to enter AT&T ILLINOIS manholes and inspect such structures to confirm usability and/or evaluate condition of the structure(s) with at least forty-eight (48) hours' notice to AT&T ILLINOIS, with an AT&T ILLINOIS representative present and at MCIm's expense.

4.1.3 AT&T ILLINOIS will provide MCIm, at MCIm's request and expense, with access to maps, records and additional information relating to its Structure; provided that AT&T ILLINOIS may redact any Proprietary

Information (of AT&T ILLINOIS or Third Parties) contained or reflected in any such maps, records or additional information before providing access to such information to MCIm. Upon request, AT&T ILLINOIS will meet with MCIm to clarify matters relating to maps, records or additional information. AT&T ILLINOIS does not warrant the accuracy or completeness of information on any maps or records. Maps, records and additional information are provided solely for the use by MCIm and such materials may not be resold, licensed or distributed to any other person.

4.2 Application Form and Fees

- 4.2.1 Any request by MCIm for access to AT&T ILLINOIS' Structure shall be in writing and submitted to AT&T ILLINOIS' Structure Access Center, who shall be MCIm's single point of contact for all matters relating to MCIm's access to AT&T ILLINOIS' Structure. Each MCIm's attachment to AT&T ILLINOIS's Structure shall be pursuant to a permit issued by AT&T ILLINOIS for each request for access. The Structure Access Coordinator shall be responsible for processing requests for access to AT&T ILLINOIS' Structure, administration of the process of delivery of access to AT&T ILLINOIS' Structure and for all other matters relating to access to AT&T ILLINOIS' Structure. MCIm may obtain copies of forms and contact information for the AT&T ILLINOIS region via the Structure Access Coordinator at 281-878-5500.

4.3 Pre-permit (Field) Survey

- 4.3.1 After MCIm has submitted its written application for a license, a pre-permit survey (including a field inspection) will be performed by either Party, in the company of a representative of the other Party, as mutually agreed, to determine whether AT&T ILLINOIS' poles, anchors and anchor/guy strands, or conduit system, in their present condition, can accommodate MCIm's facilities, without substantially interfering with the ability of AT&T ILLINOIS or any other authorized person or entity to use or access the pole, anchor or anchor/guy strand or any portion of AT&T ILLINOIS' conduit system or facilities attached to AT&T ILLINOIS' pole or placed within or connected to AT&T ILLINOIS' conduit system. If MCIm gives its prior written consent in writing, the determination of duct availability may include the "rodding" of ducts at MCIm's expense.
- 4.3.2 Based on information provided by AT&T ILLINOIS, MCIm shall determine whether AT&T ILLINOIS' pole, anchor, anchor/guy strand, conduit and duct facilities are suitable to meet MCIm's needs.
- 4.3.3 AT&T ILLINOIS may not unreasonably refuse to continue to process an application based on AT&T ILLINOIS' determination that MCIm's proposed use of AT&T ILLINOIS' facilities will not be in compliance with applicable requirements, specifications, rules, regulations, ordinances, and laws. MCIm acknowledges that AT&T ILLINOIS is not explicitly or implicitly warranting to MCIm that MCIm's proposed use of AT&T ILLINOIS' facilities will be in compliance with applicable requirements, specifications, rules, regulations, ordinances, and laws.

4.4 Notice of Environmental, Health, and Safety Inspections

- 4.4.1 AT&T ILLINOIS shall provide MCIm with reasonable notice of environmental, health and safety inspections that is equivalent to the information that AT&T ILLINOIS provides to its employees who access rights-of-way, conduits, and pole attachments.

4.5 Issuance of Licenses When No Make-Ready Work is Required

- 4.5.1 If AT&T ILLINOIS determines that no make-ready work is required, AT&T ILLINOIS shall approve applications for pole attachment and conduit occupancy licenses and issue such licenses within fifteen (15) Business Days of receipt of MCIm's application.

5. MAKE-READY WORK

- 5.1 Upon request, AT&T ILLINOIS shall permit MCIm to conduct Make Ready Work itself or through an AT&T ILLINOIS Approved Vendor(s), if allowed by applicable union contracts.

- 5.1.1 If AT&T ILLINOIS determines that make ready work is required, the Parties shall negotiate a mutually acceptable completion date, based on securing construction permits, material availability and scope and complexity of the job, within ten (10) business days of completion of the field survey. If MCIm is not satisfied with AT&T ILLINOIS' due date for completion of make ready work, MCIm may perform the make ready work itself or elect to have the work completed by an AT&T ILLINOIS approved contractor.

- 5.2 Before commencing Make-Ready Work necessary to provide such additional capacity, AT&T ILLINOIS will notify all other Parties having attachments on or in the Structure of the proposed Modification to the Structure. If possible, AT&T ILLINOIS shall allow other attaching Parties, including AT&T ILLINOIS to modify their attachment(s).

- 5.3 The costs of modifying a Structure to accommodate MCIm's request, an existing or prospective attaching Party's request, or the needs of AT&T ILLINOIS, shall be borne by the Party requesting such modification. With respect to the allocation of modification costs, to the extent the cost of a modification is incurred for the specific benefit of any particular Party, the benefiting Party will be obligated to assume the cost of the modification, or to bear its proportionate share of cost with all other attaching entities participating in the modification. If a user's modification affects the attachments of others who do not initiate or request the modification, such as the movement of other attachments as part of a primary modification, the modification cost will be covered by the initiating or requesting Party. Where multiple Parties join in the modification, each Party's proportionate share of the total cost shall be based on the ratio of the amount of new space occupied by that Party to the total amount of new space occupied by all of the Parties joining in the modification. An attaching Party, including AT&T ILLINOIS, with a pre-existing attachment to the Structure shall not be required to bear any of the costs of rearranging or replacing its attachment if such rearrangement or replacement is necessitated solely as a result of an additional attachment or the modification of an existing attachment sought by another

attaching Party, including MCIm. To protect the initiators of modifications from absorbing costs that should be shared by others, the modifying Party or Parties will be allowed to recover a proportionate share of the modification costs from Parties that later are able to obtain access as a result of the modification.

- 5.4 All Modifications to AT&T ILLINOIS' Structure will be owned by AT&T ILLINOIS. MCIm and other Parties, including AT&T ILLINOIS, who contributed to the cost of a Modification, may recover their proportionate share of the depreciated value of such modifications from Parties subsequently seeking attachment to the modified structure.

6. INSTALLATION AND MAINTENANCE RESPONSIBILITIES

- 6.1 Except where otherwise mutually agreed, MCIm shall, at its own expense, install and maintain its attachments in a safe condition and in thorough repair so as not to conflict with the use of the Structure by AT&T ILLINOIS or by other attaching Parties. AT&T ILLINOIS will specify the location on the Structure where MCIm's attachment shall be placed, which location shall be designated in a nondiscriminatory manner. MCIm shall construct each attachment in conformance with the permit issued by AT&T ILLINOIS for such attachment. Other than routine maintenance and service wire attachments, MCIm shall not modify, supplement or rearrange any attachment without first obtaining a permit therefore. MCIm shall provide AT&T ILLINOIS with notice before entering any Structure for construction or maintenance purposes.
- 6.2 Installation and Maintenance Standards
- 6.2.1 MCIm's attachments shall be installed and maintained in accordance with the rules, requirements and specifications of the National Electrical Code, National Electrical Safety Code, 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", the FCC, the Commission, the Occupational Safety & Health Act and the valid and lawful rules, requirements and specifications of any other governing authority having jurisdiction over the subject matter.
- 6.3 Maintenance of MCIm's Facilities
- 6.3.1 Each license granted under this attachment authorizes MCIm to engage in maintenance of MCIm's facilities located on or in AT&T ILLINOIS' poles, conduits, ducts and rights-of-way pursuant to such license. MCIm shall give reasonable notice to the affected public authority or private landowner, as appropriate, before commencing the construction or installation of its attachments or making any material alterations thereto. MCIm shall give reasonable notice to AT&T ILLINOIS before performing any work.
- 6.4 Emergency Repairs and Pole Replacements
- 6.4.1 Intentionally Omitted.

- 6.4.2 MCIm shall be responsible for making emergency repairs to its own facilities and for formulating appropriate plans and practices which will enable it to make such emergency repairs.

7. UNUSED SPACE

- 7.1 Except for maintenance ducts and ducts required to be reserved for use by municipalities, all useable but unused space on Structure owned and controlled by AT&T ILLINOIS shall be available for the attachments of MCIm, AT&T ILLINOIS or other providers of Telecommunications Services, cable television systems and other persons that are permitted by Applicable Law to attach. AT&T ILLINOIS shall not reserve space on AT&T ILLINOIS Structure for the future need of AT&T ILLINOIS nor permit any other person to reserve such space. Notwithstanding the foregoing, MCIm may provide AT&T ILLINOIS with a two (2)-year rolling forecast of its growth requirements for Structure that will be reviewed jointly on an annual basis.

8. MAINTENANCE DUCTS

- 8.1 If currently available, one duct and one inner-duct in each conduit section shall be kept vacant as maintenance ducts. If not currently available and additional ducts are added, AT&T ILLINOIS shall provide maintenance ducts at no cost to MCIm. Maintenance ducts shall be made available to MCIm for maintenance purposes if it has a corresponding attachment. MCIm utilizing a maintenance spare must vacate it within sixty (60) days or provide an equivalent spare.

9. OTHER ARRANGEMENTS

9.1 Cost of Certain Modifications

- 9.1.1 If AT&T ILLINOIS is required by a governmental entity, court or Commission to move, replace or change the location, alignment or grade of its conduits or poles, each Party shall bear its own expenses of relocating its own equipment and facilities. MCIm acknowledges that, from time to time, it may be necessary or desirable for AT&T ILLINOIS to change out poles, relocate, reconstruct, or modify portions of its conduit system or rearrange facilities contained therein or connected thereto and that such changes may be necessitated by AT&T ILLINOIS' business needs or by an authorized application or license of another entity seeking access to AT&T ILLINOIS' poles, conduit systems, ducts and/or Rights-of-Way. If a move of MCIm's attachment is required by AT&T ILLINOIS or another attaching Party, MCIm shall move its attachment, at the expense of the Party requesting such move, within thirty-six (36) days after notification of the required move. If MCIm fails to move its attachment with the foregoing period, MCIm authorizes AT&T ILLINOIS to move such attachment at MCIm's expense.

10. TERM AND TERMINATION OF PERMIT

- 10.1 MCIm's occupancy of Structure shall be pursuant to a permit issued by AT&T ILLINOIS for each requested Attachment. Each permit issued hereunder shall be for an indefinite term. Any such permit shall terminate:
 - 10.1.1 Upon thirty (30) days written notice of termination by MCIm.
 - 10.1.2 If MCIm's franchise, permit, license and/or consent or other authorization from federal, state, county or municipal entities or private property owners is terminated,
 - 10.1.3 If MCIm has not placed and put into service its attachments within 9 months from the date AT&T ILLINOIS has notified MCIm that such Structure is available for MCIm's attachments, unless this period is extended by agreement of the Parties, which agreement shall not be unreasonable withheld.
 - 10.1.4 If MCIm ceases to use such attachments for any period of 9 months, unless this period is extended by agreement of the Parties, which agreement shall not be unreasonable withheld.
- 10.2 If AT&T ILLINOIS ceases to have the right or authority to maintain its Structure, or any part thereof, to which MCIm has attachments, AT&T ILLINOIS shall:
 - 10.2.1 Provide MCIm notice within ten (10) Business Days after AT&T ILLINOIS has knowledge of such fact and shall not require MCIm to remove its attachments from such Structure prior to AT&T ILLINOIS' removal of its own attachments.
- 10.3 AT&T ILLINOIS will provide MCIm with at least sixty (60) days written notice prior to:
 - 10.3.1 Terminating a permit for an attachment or terminating service to MCIm's attachment,
 - 10.3.2 Any increase in the rates for attachments to AT&T ILLINOIS' Structure permitted by the terms of this Appendix, or
 - 10.3.3 Any Modification to AT&T ILLINOIS' Structure to which MCIm has an attachment, other than a modification associated with routine maintenance or as a result of an emergency.
- 10.4 If MCIm surrenders its permit for any reason (including forfeiture under the terms of this Appendix), but fails to remove its attachments from the Structure within 9 months after the event requiring MCIm to so surrender such permit, AT&T ILLINOIS shall remove MCIm's attachments at MCIm's expense and without any liability on the part of the AT&T ILLINOIS for damage or injury to MCIm's attachments unless caused by the negligence or intentional misconduct of AT&T ILLINOIS.
- 10.5 If AT&T ILLINOIS discovers that MCIm has placed an attachment on AT&T ILLINOIS' Structure without a valid permit, AT&T ILLINOIS shall notify MCIm of the existence of such unauthorized attachment and MCIm shall pay to AT&T ILLINOIS within ten (10) Business Days after receipt of such notice an

unauthorized attachment fee equal to five (5) times the annual attachment fee for an authorized attachment.

- 10.6 Within the foregoing period, MCIm shall also apply for an Occupancy Permit for the unauthorized Attachment.
- 10.7 In addition, MCIm shall go through the process of any Make Ready Work that may be required for the unauthorized attachment.
- 10.8 If MCIm fails to pay the unauthorized attachment fee or apply for the required Occupancy Permit within the foregoing period, AT&T ILLINOIS shall have the right to remove such unauthorized attachment from AT&T ILLINOIS' Structure at MCIm's expense.

11. NONCOMPLIANCE

11.1 Notice of Noncompliance

11.1.1 If, at any time, AT&T ILLINOIS determines that MCIm's facilities or any part thereof have not been placed or maintained or are not being used in accordance with the requirements of this Appendix, AT&T ILLINOIS may send written notice to MCIm specifying the alleged noncompliance. MCIm agrees to acknowledge receipt of the notice as soon as practicable. If MCIm does not dispute AT&T ILLINOIS' assertion that such facilities are not in compliance, MCIm agrees to provide AT&T ILLINOIS with a schedule for bringing such facilities into compliance, to bring the facilities into compliance within a reasonable time, and to notify AT&T ILLINOIS in writing when the facilities have been brought into compliance.

11.2 Disputes over Alleged Noncompliance

11.2.1 If MCIm disputes AT&T ILLINOIS' assertion that MCIm's facilities are not in compliance, MCIm shall notify AT&T ILLINOIS in writing of the basis for MCIm's assertion that its facilities are in compliance.

11.3 Failure to Bring Facilities into Compliance

11.3.1 If MCIm has not brought the facilities into compliance within a reasonable time or provided AT&T ILLINOIS with proof sufficient to persuade AT&T ILLINOIS that AT&T ILLINOIS erred in asserting that the facilities were not in compliance, and if AT&T ILLINOIS determines in good faith that the alleged noncompliance causes or is likely to cause a material safety hazard or material damage to AT&T ILLINOIS' facilities or those of others users, AT&T ILLINOIS may, at its option and MCIm's expense, take such steps as may be required to bring MCIm's facilities into compliance, including but not limited to correcting any conditions which do not meet the specifications of this Appendix. If the steps taken are to be service affecting, AT&T ILLINOIS must give MCIm thirty (30) business days advance notice. If the steps taken are to be non-service affecting, AT&T ILLINOIS must give MCIm fifteen (15) business days advance notice.

11.4 Correction of Conditions by AT&T ILLINOIS

11.4.1 AT&T ILLINOIS will, whenever practicable, notify MCIm in writing before performing such work. The written notice shall describe the nature of the work to be performed and AT&T ILLINOIS' schedule for performing the work.

11.4.2 If MCIm's facilities have become detached or partially detached from supporting racks or wall supports located within an AT&T ILLINOIS manhole, AT&T ILLINOIS may, at MCIm's expense, reattach them but shall not be obligated to do so. If AT&T ILLINOIS does not reattach MCIm's facilities, AT&T ILLINOIS shall cooperate with MCIm for the reattachment of any facilities affected.

11.4.3 AT&T ILLINOIS shall, as soon as practicable after performing the work, advise MCIm in writing of the work performed or action taken. Upon receiving such notice, MCIm may inspect the facilities, after notice to AT&T ILLINOIS, and take such steps as MCIm may deem necessary to insure that the facilities meet MCIm's performance requirements.

11.5 MCIm to Bear Expenses

11.5.1 MCIm shall bear all expenses arising out of or in connection with any work performed to bring MCIm's facilities into compliance with requirements of this Appendix; provided, however that nothing contained in this Appendix or any license issued hereunder shall be construed as requiring MCIm to bear any expenses which, under applicable federal or state laws, rules or regulations, must be borne by persons or entities other than MCIm.

12. INSPECTIONS

12.1 AT&T ILLINOIS may make periodic inspections of any part of the attachments of MCIm located on AT&T ILLINOIS Structure for the limited purpose of determining whether MCIm's facilities are in compliance with the terms of this Appendix and licenses granted hereunder; provided that such inspections must be non-invasive (e.g. no splice cases may be opened). Where reasonably practicable, AT&T ILLINOIS shall provide prior written notice to MCIm of such inspections and MCIm shall have the right to have a representative attend such inspections, except in those instances where safety considerations justify the need for such inspection without the delay of waiting until written notice has been forwarded to MCIm.

13. DAMAGE TO ATTACHMENTS

13.1 Both MCIm and AT&T ILLINOIS will exercise precautions to avoid damaging the attachments of the other or to any AT&T ILLINOIS Structure to which MCIm obtains access hereunder. The Party damaging the attachments of the other Party through negligence or willful misconduct shall be responsible to such other Party therefore.

14. CHARGES

- 14.1 AT&T ILLINOIS' charges for Structure provided hereunder shall be determined in compliance with the regulations to be established by the FCC pursuant to Section 224 of the Communication Act and in compliance with applicable commission rules, regulations and orders thereunder. The charges applicable to Structure hereunder shall be as set forth in the Appendix Pricing. AT&T ILLINOIS reserves the right to adjust the charges for Structure provided hereunder consistent with the foregoing. Notwithstanding the foregoing, AT&T ILLINOIS reserves the right to price on a case-by-case basis any extraordinary attachment to Structure. An extraordinary attachment is an attachment to a pole that occupies more than one foot of space on the pole in addition to the primary cable or anything other than a standard field splice enclosure in a manhole.
- 14.2 Advance payment of 50% (fifty percent) of the total amount shall be required from MCIIm for map preparation, field surveys and Make-Ready Work. The balance shall be due upon completion.

15. NONDISCRIMINATION

- 15.1 Access to AT&T ILLINOIS owned or controlled Structure under this Appendix shall be provided to MCIIm on a basis that is nondiscriminatory to that which AT&T ILLINOIS provides its Structure to itself, its affiliates, customers, or any other person.

16. JOINING OF ATTACHMENTS

- 16.1 Upon request by MCIIm, AT&T ILLINOIS will permit the joining of ducts or conduits owned by MCIIm in AT&T ILLINOIS manholes.

17. COST IMPUTATION

- 17.1 AT&T ILLINOIS will impute costs consistent with the rules under Section 224 (g) of the Act.

18. ABANDONMENT, SALES, OR DISPOSITIONS

- 18.1 AT&T ILLINOIS shall notify MCIIm of the proposed abandonment, sale or other intended disposition of any Structure. In the event of a sale or other disposition of the conduit system or pole, AT&T ILLINOIS shall condition the sale or other disposition to include and incorporate the rights granted to MCIIm hereunder.

APPENDIX UNEs

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1. INTRODUCTION

- 1.1 This Appendix Unbundled Network Elements (UNE) sets forth the terms and conditions pursuant to which AT&T ILLINOIS agrees to furnish MCIm with access to unbundled Network Elements. At MCIm's request, AT&T ILLINOIS shall provide nondiscriminatory access to unbundled Network Elements at any technically feasible point on rates, terms and conditions that are just, reasonable and nondiscriminatory in accordance with the terms of this Appendix. AT&T ILLINOIS shall provide such unbundled Network Elements in a manner that allows MCIm to combine such elements in order to provide a Telecommunications Service.
 - 1.1.1 Except as provided in Section 3 (Interim UNEs), below, in the event any legislative or administrative body of competent jurisdiction (including the FCC and the Commission) or any court of competent jurisdiction promulgates legally effective statutes, rules, regulations or orders which materially affect any provision of this Appendix UNE or either Party's obligations under Applicable Law, then the Parties shall continue to comply with all obligations set forth in this Appendix UNE until the Agreement is amended in accordance with the requirements of Section 23 (Intervening Law) of the General Terms and Conditions.
- 1.2 Intentionally Omitted.
- 1.3 MCIm may request new, undefined unbundled Network Elements in accordance with the Bona Fide Request Process.
- 1.4 The prices at which AT&T ILLINOIS agrees to provide MCIm with unbundled Network Elements are contained in the applicable Appendix Pricing.

2. GENERAL TERMS AND CONDITIONS

- 2.1 AT&T ILLINOIS and MCIm agree that MCIm may connect its facilities or facilities provided to MCIm by third-parties with AT&T ILLINOIS' network at any point designated by MCIm, provided such point is technically feasible, for access to unbundled Network Elements for the provision by MCIm of a Telecommunications Service.
- 2.2 AT&T ILLINOIS will provide MCIm nondiscriminatory access to unbundled Network Elements:
 - 2.2.1 at any technically feasible point;
 - 2.2.2 at the rates, terms, and conditions which are just, reasonable, and nondiscriminatory;
 - 2.2.3 in a manner that allows MCIm to provide a Telecommunications Service that may be offered by means of that unbundled Network Element;
 - 2.2.4 in a manner that allows access to all features, functions and capabilities of a requested unbundled Network Element to be provided separately from access to other elements, and for a separate charge;
 - 2.2.5 with technical information about AT&T ILLINOIS' network facilities sufficient to allow MCIm to achieve access to unbundled Network Elements consistent with the requirements of this Appendix;

- 2.2.6 without limitations, restrictions, or requirements on requests that would impair MCIm's ability to provide a Telecommunications Service in a manner it intends;
- 2.2.7 in a manner that allows MCIm purchasing access to unbundled Network Elements to use such unbundled Network Element to provide exchange access service to itself in order to provide inter-exchange services to subscribers;
- 2.2.8 where applicable, terms and conditions of access to unbundled Network Elements shall be no less favorable than terms and conditions under which AT&T ILLINOIS provides such elements to itself;
- 2.2.9 Intentionally Omitted.
- 2.2.10 except upon request of MCIm, AT&T ILLINOIS shall not separate MCIm-requested UNE's that are currently combined. (47 CFR § 51.315(b)). AT&T ILLINOIS is not prohibited from or otherwise limited in separating any UNEs not requested by MCIm or a Telecommunications Carrier, including without limitation in order to provide a UNE(s) or other AT&T ILLINOIS offering(s), provided that AT&T ILLINOIS may not separate UNEs based on its anticipation that MCIm will request that Combination.
- 2.3 AT&T ILLINOIS shall permit MCIm's ability to resell intraLATA toll to third-party IXCs when MCIm provides service to those IXCs using AT&T ILLINOIS unbundled Network Elements, provided, however, that MCIm may not resell EELs purchased from AT&T ILLINOIS but must use them to provide service to End Users or payphone providers.
- 2.4 When MCIm is purchasing an unbundled Network Element, AT&T ILLINOIS will permit MCIm exclusive use of that facility for a period of time, and when MCIm is purchasing access to a feature, function, or capability of a facility, AT&T ILLINOIS will provide use of that feature, function, or capability for a period of time.
- 2.5 AT&T ILLINOIS will maintain, repair, or replace unbundled Network Elements as provided for in this Agreement.
- 2.6 Where technically feasible, the quality of the unbundled Network Element and access to such unbundled Network Element shall be at least equal to what AT&T ILLINOIS provides itself or any subsidiary, affiliate, or other Party.
- 2.7 Each Party shall be solely responsible for the services it provides.
- 2.8 Unbundled Network Elements provided to MCIm under the provisions of this Appendix shall remain the property of AT&T ILLINOIS.
- 2.9 Intentionally Omitted.
- 2.10 Intentionally Omitted.
- 2.11 Performance of UNEs
 - 2.11.1 Each unbundled Network Element will be provided in accordance with industry standards, if applicable.
 - 2.11.2 Nothing in this Appendix 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 upgrades in its network that will materially impact the other Party's service in accordance with Applicable Law.

2.11.3 AT&T ILLINOIS may elect to conduct Central Office switch conversions for the improvement of its network. During such conversions, MCIm orders for unbundled Network Elements from, and AT&T ILLINOIS' retail service orders for, that switch shall be suspended for a period of three days prior and one day after the conversion date, consistent with the suspension AT&T ILLINOIS places on itself for orders from its end user customers.

2.12 AT&T ILLINOIS shall offer each unbundled Network Element individually or in combination as set forth in this Appendix Unbundled Network Element. AT&T ILLINOIS may not require MCIm to own or control any local exchange facilities as a condition of offering to MCIm any unbundled Network Element or unbundled Network Element combination. AT&T ILLINOIS shall not separate unbundled Network Elements that are already combined on AT&T ILLINOIS' network unless requested by MCIm.

2.13 For each unbundled Network Element, AT&T ILLINOIS shall provide (i) a demarcation point (e.g., at a Digital Signal Cross Connect, a 90/10 Splitter, a Main Distribution Frame, or other appropriate demarcation locations) and (ii) if necessary, access to the demarcation point; such demarcation point being mutually agreeable to the Parties. However, where AT&T ILLINOIS provides contiguous unbundled Network Elements to MCIm, AT&T ILLINOIS will provide the existing interconnections and no demarcation point shall exist between such contiguous unbundled Network Elements.

3. INTENTIONALLY OMITTED

4. ACCESS TO UNE CONNECTION METHODS

4.1 This Section describes the optional connection methods under which AT&T ILLINOIS agrees to provide MCIm with access on an unbundled basis to loops, switch ports, and dedicated transport and the conditions under which AT&T ILLINOIS makes these methods available. These methods provide MCIm access to multiple AT&T ILLINOIS unbundled Network Elements which MCIm may then combine. The methods listed below provide MCIm with access to unbundled Network Elements without compromising the security, integrity, and reliability of the public switched network, as well as to minimize potential service disruptions.

4.1.1 Subject to availability of space and equipment, MCIm may use the methods listed below to access and combine unbundled Local Loops, unbundled Local Circuit Switching ports, and unbundled Dedicated Transport within a requested AT&T ILLINOIS Central Office.

4.1.1.1 (Method 1)

4.1.1.1.1 AT&T ILLINOIS will extend AT&T ILLINOIS unbundled Network Elements requiring cross connection to MCIm's Physical or Virtual Collocation Point of Termination (POT) when MCIm is Physically Collocated, in a caged or shared cage arrangement or Virtually Collocated, within the same Central Office where the unbundled Network Elements which are to be combined are located. For Collocation terms and conditions refer to the Collocation Appendix.

4.1.1.2 (Method 2)

- 4.1.1.2.1 AT&T ILLINOIS will extend AT&T ILLINOIS unbundled Network Elements that require cross connection to MCIm's unbundled Network Element frame located in the common room space, other than the Collocation common area, within the same Central Office where the unbundled Network Elements which are to be combined are located.

4.1.1.3 (Method 3)

- 4.1.1.3.1 AT&T ILLINOIS will extend AT&T ILLINOIS unbundled Network Elements to MCIm's unbundled Network Element frame that is located outside the AT&T ILLINOIS Central Office where the unbundled Network Elements are to be combined in a closure such as a cabinet provided by AT&T ILLINOIS on AT&T ILLINOIS property.

4.2 The following terms and conditions apply to all methods when AT&T ILLINOIS provides access to Combinations:

- 4.2.1 Within ten (10) business days of receipt of a written request for access to unbundled Network Elements involving three (3) or fewer Central Offices, AT&T ILLINOIS will provide a written reply notifying the requesting CLEC of the method(s) of access available in the requested Central Offices. For requests impacting four (4) or more Central Offices the Parties will agree to an implementation schedule for access to unbundled Network Elements.
- 4.2.2 Access to unbundled Network Elements via Method 1 is only available to Physically Collocated CLECs. Access to unbundled Network Elements via Method 2 and Method 3 is available to both Collocated and Non-Collocated CLECs. Method 2 and Method 3 are subject to availability of AT&T ILLINOIS Central Office space and equipment.
- 4.2.3 The CLEC may cancel the request at any time, but will pay AT&T ILLINOIS' reasonable and demonstrable costs for modifying AT&T ILLINOIS's Central Office up to the date of cancellation.
- 4.2.4 MCIm may elect to access AT&T ILLINOIS' unbundled Network Elements through Physical Collocation arrangements.
- 4.2.5 MCIm shall be responsible for initial testing and trouble sectionalization of facilities containing MCIm installed cross connects.
- 4.2.6 MCIm shall refer trouble it has sectionalized in the AT&T ILLINOIS unbundled Network Element to AT&T ILLINOIS.
- 4.2.7 MCIm shall provide all tools and materials required to place and remove the cross connects necessary to combine and disconnect unbundled Network Elements.
- 4.2.8 All tools, procedures, and equipment used by MCIm to connect to AT&T ILLINOIS's network shall comply with technical standards set out in AT&T Local Exchange Carrier Technical Document TP76300MP, to reduce the risk of damage to the network and end user customer disruption.

- 4.2.9 MCIm shall designate each unbundled Network Element being ordered from AT&T ILLINOIS. MCIm shall provide an interface to receive assignment information from AT&T ILLINOIS regarding location of the unbundled Network Elements. This interface may be manual or mechanized.
- 4.2.10 AT&T ILLINOIS will provide MCIm with contact numbers as necessary to resolve assignment conflicts encountered. All contact with AT&T ILLINOIS shall be referred to such contact numbers.
- 4.2.11 The use of cellular telephones or two-way pagers is not permitted in AT&T ILLINOIS equipment areas.

5. INTENTIONALLY OMITTED

6. CONVERSION OF WHOLESALE SERVICES TO UNES

- 6.1 Upon MCIm's request, AT&T ILLINOIS shall convert a wholesale service, or group of wholesale services, to the equivalent unbundled Network Element, or Combination of unbundled Network Elements, that is available to MCIm under this Appendix UNE, so long as MCIm and the wholesale service, or group of wholesale services, meets the eligibility or other criteria that may be applicable for such conversion.
- 6.2 Unless otherwise agreed to in writing by the Parties, such conversion shall be completed in a manner so that the correct charge is reflected on the next billing cycle after MCIm's request. For purposes of this Agreement, the Parties acknowledge that MCIm has purchased a number of "special access" circuits from AT&T ILLINOIS that terminate to an MCIm collocation cage. AT&T ILLINOIS agrees that MCIm may request the conversion of such special access circuits on a "project" basis by submitting a spreadsheet to AT&T ILLINOIS describing the circuits. In accordance with the requirements of Section 6.4 below, AT&T ILLINOIS shall process such conversions within thirty (30) days of MCIm's request and shall reflect billing changes as described above. In requesting a conversion of an AT&T ILLINOIS service, CLEC must follow the guidelines and ordering requirements provided by AT&T ILLINOIS that are applicable to converting the particular AT&T ILLINOIS service sought to be converted. Where processes for the conversion requested pursuant to this Agreement are not already in place, AT&T ILLINOIS will develop and implement processes, subject to any associated rates, terms and conditions. The Parties will comply with any applicable Change Management guidelines.
- 6.3 AT&T ILLINOIS shall perform any conversion from a wholesale service or group of wholesale services to a unbundled Network Element or Combination of unbundled Network Elements, provided that any service interruption will not be discernable to the end user customers.
- 6.4 Except as otherwise agreed to by the Parties, AT&T ILLINOIS 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 unbundled Network Element or Combination of unbundled Network Elements.
 - 6.4.1 AT&T ILLINOIS may charge applicable non-recurring charges, as set forth in Appendix Pricing.
- 6.5 Intentionally Omitted.

- 6.6 If MCIm does not meet the applicable eligibility criteria or, for any reason, stops meeting the eligibility criteria for a particular conversion of a wholesale service, or group of wholesale services, to the equivalent UNE, or combination of UNEs, MCIm shall not request such conversion or continue using such the UNE or UNEs that result from such conversion. To the extent MCIm fails to meet (including ceases to meet) the eligibility criteria applicable to a UNE or combination of UNEs, or Commingled Arrangement (as defined herein), AT&T ILLINOIS may convert the UNE or UNE combination, or Commingled Arrangement, to the equivalent wholesale service, or group of wholesale services, upon written notice to MCIm.
- 6.6.1 This Section 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 AT&T ILLINOIS service.
- 6.6.2 AT&T ILLINOIS may exercise its rights provided for hereunder and those allowed by law in auditing compliance with any applicable eligibility criteria.
- 6.7 Nothing contained in this Appendix UNE or Agreement shall supersede or dissolve the terms or conditions of any other contract between the Parties.

7. COMMINGLING

- 7.1 Subject to the provisions of this Agreement (including Sections 21 (UNE Combinations) and 22 (Enhanced Extended Loops) of this Appendix), AT&T ILLINOIS shall permit MCIm to Commingle a UNE or a combination of UNEs with facilities or services obtained at wholesale from AT&T ILLINOIS to the extent required by FCC rules and orders, provided that any changes to such FCC rules or orders after the Effective Date shall be subject to the Intervening Law provisions set forth in Section 23 of the General Terms and Conditions of this Agreement.
- 7.2 Definitions
- 7.2.1 "Commingling" means the connecting, attaching, or otherwise linking of a UNE, or a combination of UNEs, to one or more facilities or services that MCIm has obtained at wholesale from AT&T ILLINOIS pursuant to any method other than unbundling under Section 251(c)(3) of the Act, or the combining of a UNE, or a combination of UNEs, with one or more such facilities or services. "Commingle" means the act of commingling.
- 7.2.2 "Commingled Arrangement" means the arrangement created by Commingling.
- 7.3 Commingling Requirements
- 7.3.1 Upon MCIm's request, AT&T ILLINOIS shall perform the functions necessary to Commingle an unbundled Network Element or a Combination of unbundled Network Elements with one or more facilities or services that MCIm has obtained at wholesale from AT&T ILLINOIS (as well as requests where MCIm also wants AT&T ILLINOIS to complete the actual Commingling), except that AT&T ILLINOIS 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) AT&T ILLINOIS' 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 AT&T ILLINOIS's network. If AT&T ILLINOIS denies a request

by MCIm to Commingle on the basis of any of these conditions, and AT&T ILLINOIS' denial is challenged, AT&T ILLINOIS shall bear the burden of proving that such denial was appropriate.

7.3.2 Commingling Requests.

7.3.2.1 Initial Commingling Requests. For any initial request for a particular Commingled Arrangement, MCIm shall submit such request to AT&T ILLINOIS using the Bona Fide Request Application Form described in Appendix BFR of this Agreement. Within thirty (30) days of receiving such a request from MCIm, AT&T ILLINOIS shall provide MCIm with rates, terms and conditions and shall also bear the burden of proving that its proposed rates, terms and conditions, including provisioning intervals, are consistent with Applicable Law. Where AT&T ILLINOIS cannot respond to MCIm's request within thirty (30) days, AT&T ILLINOIS shall bear the burden of proof of demonstrating that it cannot feasibly do so.

7.3.2.2 Repeat Requests. For any repeat request for a particular Commingled Arrangement, MCIm may identify them as such and AT&T ILLINOIS shall not require MCIm to resubmit a BFR Application Form. AT&T ILLINOIS shall respond to such repeat requests within ten (10) days of receipt, providing MCIm with rates, terms and conditions for such request.

7.3.2.2.1 If MCIm submits any requests for a Commingled Arrangement as an initial request, both Parties shall use commercially reasonable efforts to identify whether such request is a repeat request and shall thereafter process it as a repeat rather than initial request.

7.3.2.3 In the event of any dispute related to a commingling request, either Party may request that the Commission resolve such dispute if that Party believes the dispute cannot be resolved through the dispute escalation provisions of this Agreement.

7.4 Access to Commingling

7.4.1 AT&T ILLINOIS shall not deny access to a UNE or a combination of UNEs on the grounds that one or more of the UNEs:

7.4.1.1 Is connected to, attached to, linked to, or combined with, a facility or service obtained at wholesale from AT&T ILLINOIS; or

7.4.1.2 Shares part of AT&T ILLINOIS' network with access services or inputs for a Non-Qualifying Service.

7.5 Ratcheting

7.5.1 "Ratchet" or "Ratcheting" is a pricing mechanism that involves billing a single circuit at multiple rates to develop a single, blended rate. When MCIm purchases Commingled unbundled Network Elements and wholesale services from AT&T ILLINOIS, AT&T ILLINOIS shall charge MCIm on an element-by-element basis for unbundled Network Elements and Combinations and on a service-by-service basis for facilities or services obtained at wholesale (including for example

special access services). Notwithstanding its obligations to Commingle under this Section, AT&T ILLINOIS is not required to and shall not “ratchet” individual facilities or unbundled Network Elements; provided, however, that the lack of a ratcheting requirement does not permit AT&T ILLINOIS to deny or refuse MCIm access to an unbundled Network Element or a Combination of unbundled Network Elements on the grounds that such unbundled Network Element(s) share part of AT&T ILLINOIS’ network with access or other non-unbundled Network Element services.

7.6 Intentionally Omitted.

7.7 SBC ILLINOIS agrees that MCIm may Commingle any elements that it is required to provide pursuant to Section 271 of the Act (“271 Elements”) (see section 3.7 above) including but not limited to: (i) Local Loops transmission from the central office to the End Users’ premises (unbundled from local switching or other services), (ii) Local transport from the trunk side of a wireline Local Exchange Carrier switch (unbundled from switching or other services), (iii) Local switching (unbundled from transport, local loop transmission, or other services) and (iv) nondiscriminatory access to databases and associated signaling necessary for call routing and completion.

8. NETWORK INTERFACE DEVICE

8.1 The unbundled Network Interface Device (NID) is defined as any means of interconnection of end user customer premises wiring to AT&T ILLINOIS’ 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 customer’s inside wire. Maintenance and control of the end user customer’s inside wiring (on the end user customer’s side of the NID) is under the control of the end user customer. Conflicts between telephone service providers for access to the end user customer’s inside wire must be resolved by the end user customer. Pursuant to applicable FCC rules, AT&T ILLINOIS offers nondiscriminatory access to the NID on an unbundled basis to any requesting Telecommunications Carrier for the provision of a Telecommunications Service. MCIm’s access to the NID is offered as specified below.

8.2 AT&T ILLINOIS shall permit MCIm to connect MCIm’s loop facilities to on-premises wiring of an end user customer through AT&T ILLINOIS’s NID, or at any other technically feasible point, in the manner set forth in this section or in any other technically feasible manner.

8.3 Access to Network Interface Device

8.3.1 Due to the wide variety of NIDs utilized by AT&T ILLINOIS (based on end user customer size and environmental considerations), MCIm may access the end user customer’s inside wire by any of the following means:

8.3.1.1 Where an adequate length of inside wire is present and environmental conditions permit, and with the subscriber authorization required by this Agreement and Applicable Law, either Party may remove the inside wire from the other Party’s NID and connect that wire to that Party’s own NID; or

8.3.1.2 Enter the subscriber access chamber or “side” of “dual chamber” NID enclosures for the purpose of extending a connected or spliced jumper wire from the inside wire through a suitable “punch-out” hole of such NID enclosures; or

- 8.3.1.3 Request AT&T ILLINOIS to make other rearrangements to the inside wire terminations or terminal enclosure on a time and materials cost basis to be charged to the requesting Party (*i.e.*, MCI, its agent, the building owner or the subscriber). Such charges will be billed to the requesting Party.
- 8.3.1.4 Due to the wide variety of NID enclosures and outside plant environments, AT&T ILLINOIS will work with MCI to develop specific procedures to establish the most effective means of implementing this Section.
- 8.3.1.5 With respect to multiple dwelling units or multiple-unit business premises, CLEC will connect directly with the End User's premises wire, or may connect with the End User's premises wire via AT&T ILLINOIS' NID where necessary.
- 8.3.1.6 AT&T ILLINOIS, at the request of CLEC who has constructed its own NID at a premises and needs only to make contact with AT&T ILLINOIS's NID, will disconnect the customer's wiring from AT&T ILLINOIS's NID and reconnect it to the CLEC's NID at no extra charge for this reconnection.
- 8.3.1.7 If CLEC requests any additional type of access to the NID not specifically referenced above, CLEC and AT&T ILLINOIS will agree to a mutually feasible method of providing the requested type of access, to be facilitated via the Bona Fide Request (BFR) Process.

8.4 Technical Requirements

- 8.4.1 The UNE NID shall provide an accessible point of connection for the subscriber-owned inside wiring, for AT&T ILLINOIS' facilities, for the distribution media and/or cross connect to MCI's UNE NID, and shall maintain a connection to ground.
- 8.4.2 The UNE NID shall be capable of transferring electrical analog or digital signals between the subscriber's inside wiring and the distribution media and/or cross connect to MCI's UNE NID, consistent with the UNE NID's function at the Effective Date of this Agreement.
- 8.4.3 Where an AT&T ILLINOIS UNE NID exists, it is provided in its "as is" condition. MCI may request AT&T ILLINOIS do additional work to the UNE NID in accordance with other provisions herein.
- 8.4.4 The AT&T ILLINOIS UNE NIDs that MCI uses under this Appendix will be existing UNE NIDs installed by AT&T ILLINOIS to serve its end user customers.
- 8.4.5 Upon request, AT&T ILLINOIS will dispatch a technician to tag an existing end user customer's inside wire facilities on the end user customer's side of the UNE NID. In such cases, a UNE NID "Premises Visit" charge (Time and Material) shall apply at charges reflected in Appendix Pricing, except the Premises Visit charge shall not apply if the UNE NID location information provided to MCI prior to the dispatch request was inaccurate. AT&T ILLINOIS shall apply Time and Material charges for Premises Visits at parity with what AT&T ILLINOIS charges its retail end users customers.

- 8.4.6 MCIm shall not attach to or disconnect AT&T ILLINOIS' ground. MCIm shall not cut or disconnect AT&T ILLINOIS' loop from the UNE NID and/or its protector. MCIm shall not cut any other leads in the UNE NID.

9. UNE LOCAL LOOP

9.1 Definitions:

- 9.1.1 "UNE Local Loop" is defined as a transmission facility between a distribution frame (or its equivalent) in AT&T ILLINOIS' central office and the loop demarcation point at an end-user customer premises. This element includes all features, functions, and capabilities of such transmission facility, including the UNE network interface device. It also includes all electronics, optronics, and intermediate devices (including repeaters and load coils) used to establish the transmission path to the end-user customer premises as well as any inside wire owned or controlled by AT&T ILLINOIS that is part of that transmission path.
- 9.1.2 A "Hybrid Loop" is a UNE Local Loop composed of both fiber optic cable, usually in the feeder plant, and copper wire or cable, usually in the distribution plant.
- 9.1.3 A "Fiber-to-the-Home Loop" is a UNE Local Loop consisting entirely of fiber optic cable, whether dark or lit, and serving an end user customer premises.
- 9.1.4 A "DS1 Loop" is a digital UNE Local Loop having a total digital signal speed of 1.544 megabytes per second. DS1 Loops include, but are not limited to, two-wire and four-wire Copper Loops capable of providing high-bit rate DSL services, including T1 services.
- 9.1.5 A 2-Wire UNE analog loop is a transmission path which supports analog voice frequency, voice band services with loop start signaling within the frequency spectrum of approximately 300 Hz and 3000 Hz.
- 9.1.6 A 4-Wire UNE analog Loop is a transmission path that provides a non-signaling voice band frequency spectrum of approximately 300 Hz to 3000 Hz. The 4-Wire UNE analog Loop provides separate transmit and receive paths.
- 9.1.7 A 2-Wire 160 Kbps UNE digital Loop is a transmission path which supports Basic Rate ISDN (BRI) digital exchange services. The 2-Wire digital Loop 160 Kbps supports usable bandwidth up to 160 Kbps.
- 9.1.8 A 4-Wire 1.544 Mbps UNE digital Loop is a transmission path that will support DS1 service including Primary Rate ISDN (PRI). The 4-wire digital Loop 1.544 Mbps supports usable bandwidth up to 1.544 Mbps.
- 9.1.9 The DS3 UNE loop provides a digital, 45 Mbps transmission facility from AT&T ILLINOIS's Central Office to the end user customer premises.
- 9.1.10 UNE xDSL-Capable Loop: See Appendix xDSL.

- 9.2 UNE Copper Loops. AT&T ILLINOIS shall provide to MCIm, upon MCIm's request, UNE copper Loops on an unbundled basis, if available. A UNE Copper Loop is a stand-alone UNE Local Loop comprised entirely of copper wire or cable. UNE Copper Loops include two-wire and four-wire UNE analog voice-grade copper loops, UNE digital copper loops (e.g., DS0s and integrated services digital network lines), as well as two-wire and four-

wire copper loops conditioned at CLEC request and subject to charges, to transmit the digital signals needed to provide digital subscriber line ("DSL") services, regardless of whether the UNE copper Loops are in service, held as spares, or newly deployed. UNE Copper Loops include attached electronics using time division multiplexing technology, but does not include packet switching capabilities.

- 9.2.1 Retirement of UNE Copper Loops. Prior to retiring any UNE Copper Loop that has been replaced with a Fiber-to-the-Home Loop, AT&T ILLINOIS shall comply with (i) the network disclosure requirements set forth in Section 251(c)(5) of the Act and in Sections 51.325 through 51.335 of the FCC's Rules and (ii) any applicable requirements of state law.
- 9.3 UNE Hybrid Loops. AT&T ILLINOIS is not required to provide to MCI unbundled access to the packet switched features, functions and capabilities of its UNE Hybrid Loops.
 - 9.3.1 Notwithstanding Section 9.3 above, when MCI seeks access to a UNE Hybrid Loop for the provision of broadband services, AT&T ILLINOIS shall provide MCI with nondiscriminatory access to the time division multiplexing features, functions, and capabilities of that UNE Hybrid Loop, including, DS1 or DS3 capacity, on an unbundled basis to establish a complete transmission path between AT&T ILLINOIS' Central Office and an end user customer premises. This access shall include access to all features, functions, and capabilities of the UNE Hybrid Loop that are not used to transmit packetized information. Terms and conditions for xDSL, Line Sharing and Line Splitting are found in their respective Appendices. AT&T ILLINOIS is not required to provide MCI with unbundled access to any transmission path over a fiber transmission facility between the central office and the customer's premises (including fiber feeder plant) that is used to transmit packetized information. Nor is AT&T ILLINOIS required to provide unbundled access to any electronics or other equipment used to transmit packetized information over hybrid loops.
 - 9.3.2 Notwithstanding Section 9.3, when MCI seeks access to a UNE Hybrid Loop for the provision of narrowband services, AT&T ILLINOIS may either:
 - 9.3.2.1 Provide nondiscriminatory access, on an unbundled basis, to an entire UNE Hybrid Loop capable of voice-grade service (i.e., equivalent to DS0 capacity), using time division multiplexing technology; or
 - 9.3.2.2 Provide nondiscriminatory access to a spare home-run UNE Copper Loop (whether terminated or not) serving that customer on an unbundled basis.
- 9.4 Fiber-to-the-Home Loops.
 - 9.4.1 New builds. AT&T ILLINOIS shall not provide nondiscriminatory access to a Fiber-to-the-Home Loop on an unbundled basis when AT&T ILLINOIS deploys such a Loop to an end user customer premises that previously has not been served by any UNE Loop facility.
 - 9.4.2 Overbuilds. AT&T ILLINOIS shall not provide nondiscriminatory access to a Fiber-to-the-Home Loop on an unbundled basis when AT&T ILLINOIS has deployed such a Loop parallel to, or in replacement of, an existing UNE Copper Loop facility, except that:

- 9.4.2.1 AT&T ILLINOIS must (i) maintain the existing Copper Loop connected to the particular customer premises after deploying the Fiber-to-the-Home Loop and (ii) provide MCIm nondiscriminatory access to that UNE Copper Loop on an unbundled basis, upon MCIm's request.
- 9.4.2.2 If AT&T ILLINOIS maintains the existing UNE Copper Loop, AT&T ILLINOIS need not incur any expenses to ensure that the existing UNE Copper Loop remains capable of transmitting signals prior to receiving a request for access, in which case AT&T ILLINOIS shall restore the UNE copper Loop to serviceable condition upon MCIm's request.
- 9.4.2.3 If AT&T ILLINOIS retires the UNE Copper Loop pursuant to the requirements of Section 9.2.1, AT&T ILLINOIS shall provide MCIm, upon MCIm's request, with nondiscriminatory access to a 64 kilo-bits per second transmission path capable of voice grade service over the Fiber-to-the-Home Loop on an unbundled basis.
- 9.5 Intentionally Omitted
- 9.6 Intentionally Omitted.
- 9.7 Routine Network Modifications – UNE Local Loops:
 - 9.7.1 Intentionally Omitted.
 - 9.7.2 A routine network modification is an activity that AT&T ILLINOIS regularly undertakes for its own end user customers. Routine network modifications include, but are not limited to, 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 AT&T ILLINOIS ordinarily attaches to a DS1 Loop to activate such loop for its own end user customer. 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 constructing new loops, installing new cable, securing permits or rights-of-way, constructing new manholes or conduits, or installing new terminals for MCIm, and AT&T ILLINOIS is not obligated to perform those activities for MCIm.
- 9.8 AT&T ILLINOIS will provide MCIm with access to unbundled UNE Local Loops regardless of whether AT&T ILLINOIS uses Integrated Digital Loop Carrier (IDLC) technology, or similar remote concentration devices, for the particular loop sought by MCIm. Where available, AT&T ILLINOIS will move the requested unbundled Local Loop(s) to spare copper, or to Universal Digital Loop Carrier (UDLC) unbundled loop(s) at no additional charge. If, however, no such facilities are available, AT&T ILLINOIS will notify MCIm of the lack of available facilities within two (2) business days.
 - 9.8.1 At MCIm's request, AT&T ILLINOIS will provide MCIm with any other technically feasible method of access to IDLC-delivered Loops, including, but not limited to:
 - 9.8.1.1 The use of a demultiplexer to separate unbundled Loops prior to connecting the remaining Loops to the switch;
 - 9.8.1.2 Multiple switch hosting through the use of GR-303;

- 9.8.1.3 Integrated network access (INA), whereby specific DS-0s are field groomed into specific INA groups as formatted DS-1s;
 - 9.8.1.4 Digital Cross Connect (DSC) grooming, whereby specific DS-0s are groomed onto DS-1s at the DSC;
 - 9.8.1.5 Side-door grooming (hairpinning); or
 - 9.8.1.6 Providing access to Loops and subloops served by IDLCs via PVCs to its OCD, cross connected to MCIm's collocation arrangement.
- 9.9 Additional TELRIC costs per unit for access to IDLC-delivered Loops requested by MCIm pursuant to Section 9.8 not otherwise recovered through existing nonrecurring or recurring rates for unbundled Loops may be recovered from requesting carriers on rates, terms and conditions that are just, reasonable and nondiscriminatory.
- 9.10 When a UNE local loop is ordered to a high voltage area, the Parties understand and agree that the UNE Local Loop will require a High Voltage Protective Equipment (HVPE) (e.g., a positron), to ensure the safety and integrity of the network, the Parties' employees and/or representatives, and MCIm's end-user customer. Therefore, any request by MCIm for a UNE Local Loop to a high voltage area will be submitted by MCIm to AT&T ILLINOIS via the BFR process set forth in Appendix BFR and CLEC shall be required to pay AT&T ILLINOIS for any HVPE that is provisioned by AT&T ILLINOIS to MCIm in connection with MCIm's UNE loop order to the high voltage area.
- 9.11 Intentionally Omitted.
- 9.12 The Parties acknowledge and agree that AT&T ILLINOIS shall not be obligated to provision any of the UNE loops provided for herein to cellular cites or to any other location that does not constitute an End User Customer premises.
- 9.13 MCIm agrees to operate each loop type within the technical descriptions and parameters accepted within the industry.

10. UNE SUBLOOP

- 10.1. UNE "Subloop" is a portion of a Copper Loop, or Hybrid Loop, comprised entirely of copper wire or copper cable that acts as a transmission facility between any point of Technically Feasible access in AT&T ILLINOIS' outside plant, including inside wire owned or controlled by AT&T ILLINOIS, and the customer premises. A UNE Subloop includes all intermediate devices (including repeaters and load coils) used to establish a transmission path between a point of Technically Feasible access and the demarcation point at the customer premises, and includes the features, functions, and capabilities of the UNE Subloop. UNE Subloops include two-wire and four-wire analog voice-grade subloops as well as two-wire and four-wire subloops conditioned to transmit the digital signals needed to provide DSL services, regardless of whether the subloops are in service or held as spares.
- 10.1.1. A point of technically feasible access is any point in AT&T ILLINOIS' 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.
- 10.2 Intentionally Omitted.

10.3 UNE Subloops.

10.3.1 AT&T ILLINOIS shall provide MCIm, upon MCIm's request, with nondiscriminatory access to UNE Subloops on an unbundled basis.

10.3.2 Subloops for access to multiunit premises wiring. AT&T ILLINOIS shall provide MCIm, upon MCIm's request, with nondiscriminatory access to the Subloop for access to multiunit premises wiring on an unbundled basis regardless of the capacity level or type of Loop that MCIm seeks to provision for its customer. The "Subloop for access to multiunit premises wiring" is defined as any portion of the Loop that it is Technically Feasible to access at a terminal in AT&T ILLINOIS' outside plant at or near a multiunit premises. One category of this Subloop is inside wire, which is defined as all loop plant owned or controlled by AT&T ILLINOIS at a multiunit customer premises between the minimum point of entry as defined in Section 68.105 of the FCC's Rules and the point of demarcation of AT&T ILLINOIS' network as defined in Section 68.3 of the FCC's Rules.

10.4 UNE Subloop conditioning where applicable, is covered in Appendix DSL.

10.5 Access to UNE Subloops

10.5.1 Access to terminals for UNE Subloops is defined to include:

10.5.1.1 any technically feasible point, near the end user customer's premises accessible by a cross-connect (such as the pole or pedestal, the NID, or the minimum point of entry (MPOE) to the end user customer premises),

10.5.1.2 the Feeder Distribution Interface (FDI) or Serving Area Interface (SAI), where the trunk line, or "feeder", leading back to the central office and the "distribution" plant, branching out to the subscribers, meet, and "interface".

10.5.1.3 Intentionally Omitted

10.5.1.4 the Terminal or Remote Terminal (underground or aerial),

10.5.1.5 Intentionally Omitted

10.6 MCIm may request access to the following Subloop segments:

FROM	TO
Serving Area Interface or Feeder Distribution Interface	Terminal
Serving Area Interface or Feeder Distribution Interface	Network Interface Device
Terminal	Network Interface Device
Network Interface Device	Stand Alone
SPOI (Single Point of Interface)	Network Interface Device

10.7 Provisioning:

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

- 10.7.2 Spare UNE subloop(s) will be assigned to MCIm only when an LSR/ASR is processed. LSR/ASRs will be processed on a "first come first serve" basis.
- 10.7.3 Provisioning intervals for UNE subloops shall be governed by MCIm's state-specific contract interval for the stand-alone, full unbundled Network Element. For example, the provisioning interval for DSL-capable UNE subloop shall be determined based upon the interval negotiated for the stand-alone DSL-capable loop.
- 10.8 Maintenance:
 - 10.8.1 The Parties acknowledge that by separating switching, feeder plant and distribution plant, the ability to perform mechanized testing and monitoring of the UNE subloop from the AT&T ILLINOIS switch/testing equipment will be lost.
 - 10.8.2 Once UNE Subloop Access Arrangements have been completed and balance of payment due AT&T ILLINOIS is received, MCIm may place LSRs for subloops at this location. Prices at which AT&T ILLINOIS agrees to provide MCIm with unbundled Network Elements are contained in the state specific Appendix Pricing.
 - 10.8.3 In the event of catastrophic damage to the RT, SAI/FDI, Terminal, or NID where MCIm has a SAA, AT&T ILLINOIS' repair forces will restore service in a non-discriminatory manner which will allow the greatest number of all end user customers to be restored in the least amount of time. Should MCIm's cabling require replacement, AT&T ILLINOIS will provide prompt notification to MCIm for MCIm to provide the replacement cable to be terminated as necessary.
 - 10.8.4 For Maintenance of Service Charge (MSC) see Section 20.2.1
- 10.9 Subloop Access Arrangements:
 - 10.9.1 Intentionally Omitted.
 - 10.9.2 The space available for combining, collocating or obtaining various UNE Subloop Access Arrangements will vary depending on the existing plant at a particular location. MCIm may initiate a Special Construction Arrangement (SCA) by submitting a UNE Subloop Access Arrangement Application.
 - 10.9.3 Upon receipt of a complete and correct application, AT&T ILLINOIS will provide to MCIm within thirty (30) days, a written estimate for the actual construction, labor, materials, and related provisioning costs incurred to fulfill the SCA on a time and materials basis. When MCIm submits a request to provide a written estimate for UNE sub-loop(s) access, appropriate rates for the engineering and other associated costs performed will be charged.
 - 10.9.4 The assignment of UNE subloop facilities will incorporate reasonable practices used to administer outside plant loop facilities. For example, where SAI/FDI interfaces are currently administered in 25 pair cable complements, this will continue to be the practice in assigning and administering subloop facilities.
 - 10.9.5 UNE Subloop inquiries do not serve to reserve UNE subloop(s).

- 10.9.6 Several options exist for Collocation or UNE Subloop Access Arrangements at technically feasible points. Sound engineering judgment will be utilized to ensure network security and integrity. Each situation will be analyzed on a case-by-case basis.
- 10.9.7 MCIm will be responsible for obtaining rights of way from owners of property where AT&T ILLINOIS has placed the equipment necessary for the UNE Subloop Access Arrangement, if necessary, prior to submitting the request for a SCA.
- 10.9.8 MCIm shall have the "Collocation" and "Poles, Conduit, and ROW" appendices in the Agreement to provide the guidelines for both MCIm and AT&T ILLINOIS to successfully implement UNE subloops, should collocation, access to poles/conduits or rights of way be required.
- 10.9.9 Construction of the UNE Subloop Access Arrangement shall be completed within ninety (90) days of MCIm submitting to AT&T ILLINOIS written approval and payment of not less than 50% of the total estimated construction costs and related provisioning costs after an estimate has been accepted by the carrier and before construction begins, with the balance payable upon completion. AT&T ILLINOIS will not begin any construction under the SCA until MCIm has provided proof that it has obtained necessary rights of way as defined herein. In the event MCIm disputes the estimate for an UNE Subloop Access Arrangement in accordance with the dispute resolution procedures set forth in the General Terms and Conditions of this Agreement, AT&T ILLINOIS will proceed with construction of the UNE Subloop Access Arrangement upon receipt from MCIm of notice of the dispute and not less than fifty percent (50%) of the total estimated costs, with the balance payable by MCIm upon completion of the SAA. Such payments may be subject to any "true-up", if applicable, upon resolution of the dispute in accordance with the Dispute Resolution procedures.
- 10.9.10 Upon completion of the construction activity, MCIm will be allowed to test the installation with an AT&T ILLINOIS technician. If MCIm desires test access to the UNE Subloop Access Arrangement, MCIm should place its own test point in its cable prior to cable entry into AT&T ILLINOIS's interconnection point.
- 10.9.11 A non-binding MCIm forecast shall be required as a part of the request for a UNE Subloop Access Arrangement, identifying the UNE subloops required for line-shared and non line-shared arrangements to each subtending SAI. This will allow AT&T ILLINOIS to properly engineer access to each SAI and to ensure AT&T ILLINOIS does not provide more available terminations than MCIm expects to use.
- 10.9.12 In order to maximize the availability of terminations for all CLECs, the CLEC shall provide CFAs for their subloop pairs utilizing the same 25-pair binder group. The MCIm would begin utilizing the second 25-pair binder group once the first 25-pair binder group reached its capacity.
- 10.9.13 Unused CLEC terminations (in normal splicing increments such as 25-pair at a SAI/FDI) which remain unused for a period of one year after the completion of construction shall be subject to removal at CLEC expense.
- 10.9.14 In the event MCIm elects to discontinue use of an existing Subloop Access Arrangement, or abandons such arrangement, MCIm shall pay AT&T ILLINOIS for removal of their facilities from such arrangement.

10.10 UNE Subloop Access Arrangement (SAA) Access Points:

10.10.1 SAI/FDI or Terminal

- 10.10.1.1 MCIm cable to be terminated in an AT&T ILLINOIS SAI/FDI, or Terminal, shall consist of 22 or 24-gauge copper twisted pair cable bonded and grounded to the power company Multi Grounded Neutral (MGN). Cable may be filled if buried or buried to aerial riser cable. MCIm's Aerial cables should be aircore.
- 10.10.1.2 MCIm may elect to place their cable to within 3 feet of the SAA site and coil up an amount of cable, defined by the engineer in the design phase, that AT&T ILLINOIS will terminate on available binding posts in the SAI/FDI or Terminal.
- 10.10.1.3 MCIm may "stub" up a cable at a prearranged meet point, defined during the engineering site visit, and AT&T ILLINOIS will stub out a cable from the SAI/FDI or Terminal, which AT&T ILLINOIS will splice to MCIm's cable at the meet point.
- 10.10.1.4 Dead counts will be offered as long as they have not been placed for expansion purposes planned within the twelve (12) month period beginning on the date of the inquiry LSR.
- 10.10.1.5 Exhausted termination points in a SAI/FDI - When a SAI/FDI's termination points are all terminated to assignable cable pairs, if MCIm and AT&T ILLINOIS are mutually agreeable, AT&T ILLINOIS may increase capacity of the SAI/FDI by the method of its choice, for which MCIm will be charged a portion of the expense to be determined by duly authorized MCIm and AT&T ILLINOIS engineers for the purpose of allowing MCIm to terminate its cable at the SAI/FDI.
- 10.10.1.6 Exhausted termination points in a terminal - When a terminal's termination points are all terminated to assignable cable pairs, AT&T ILLINOIS may choose to increase the capacity of the terminal or, upon MCIm's request, to construct an adjacent termination facility to accommodate the MCIm facilities for which MCIm will be charged.

10.11 Relocation of Existing ILEC/CLEC Facilities involved in a SAA at a RT, SAI/FDI, Terminal or NID:

- 10.11.1 AT&T ILLINOIS shall notify MCIm of pending relocation as soon as AT&T ILLINOIS receives such notice.
- 10.11.2 MCIm shall notify AT&T ILLINOIS of its intentions to remain, or not, in the SAA by way of a new Subloop Access Arrangement Application for a new SCA.
- 10.11.3 AT&T ILLINOIS shall then provide MCIm an estimate to terminate their facilities as part of the relocation of the site including the applicable SAA. This process may require a site visit by MCIm and AT&T ILLINOIS engineers.
- 10.11.4 MCIm shall notify AT&T ILLINOIS of acceptance or rejection of the new SCA within ten (10) business days of its receipt of AT&T ILLINOIS's estimate.

- 10.11.5 Upon acceptance of the AT&T ILLINOIS estimate, MCIm shall pay at least 50% of the relocation costs at the same time as they notify AT&T ILLINOIS of their acceptance of estimate costs.
- 10.11.6 Should MCIm decide not to continue the SAA, MCIm will notify AT&T ILLINOIS as to the date that AT&T ILLINOIS may remove MCIm's facilities from that SAA. MCIm will pay AT&T ILLINOIS for all costs associated with the removal of MCIm's SAA.
- 10.11.7 In the event that MCIm does not respond to AT&T ILLINOIS in time to have their facilities relocated, AT&T ILLINOIS shall move MCIm facilities and submit a bill for payment to MCIm for the costs associated with the relocation. Should MCIm elect not to pay this bill, MCIm's facilities will be removed from the site upon thirty (30) days notice to MCIm.
- 10.12 RT (for DS3 UNE Subloop):
 - 10.12.1 MCIm may elect to place their cable (fiber or coax) to within 3 feet of the RT and coil up an amount of cable, defined by the engineers in the design phase that SBC ILLINOIS will terminate on a fiber/coax interconnection block to be constructed in the RT.
 - 10.12.2 MCIm may "stub" up a cable (fiber or coax) at a prearranged meet point, defined during the engineering site visit, and SBC ILLINOIS will stub out a cable from the RT, which SBC ILLINOIS will splice to MCIm's cable at the meet point.
- 10.13 Intentionally Omitted.
- 10.14 Intentionally Omitted.
- 10.15 Retirement of Copper UNE SubLoops. Prior to retiring any Copper UNE SubLoop that has been replaced with a Fiber-to-the-Home Loop, AT&T ILLINOIS shall comply with (i) the network disclosure requirements set forth in Section 251(c)(5) of the Act and in Sections 51.325 through 51.335 of the FCC's Rules and (ii) any applicable requirements of state law.

11. ENGINEERING CONTROLLED SPLICE (ECS)

- 11.1 AT&T ILLINOIS will make available an Engineering Controlled Splice (ECS), which will be owned by AT&T ILLINOIS, for MCIm to gain access to UNE subloops at or near remote terminals.
- 11.2 The ECS shall be made available for SAAs utilizing the SCA
 - 11.2.1 CLEC requesting such a SCA shall pay all of the actual construction, labor, materials and related provisioning costs incurred to fulfill its SCA on a time and materials basis, provided that AT&T ILLINOIS will construct any UNE Subloop Access Arrangement requested by a telecommunications carrier in a cost-effective and efficient manner. If AT&T ILLINOIS elects to incur additional costs for its own operating efficiencies and that are not necessary to satisfy an SCA in a cost-effective and efficient manner, the requesting telecommunications carrier will not be liable for such extra costs.
 - 11.2.2 CLEC shall be liable only for costs associated with cable pairs that it orders to be presented at an engineering controlled splice (regardless of whether the

requesting carrier actually utilizes all such pairs), even if AT&T ILLINOIS places more pairs at the splice.

- 11.2.3 AT&T ILLINOIS will either use existing copper or construct new copper facilities between the SAI(s) and the ECS, located in or at the remote terminal site. Although AT&T ILLINOIS will construct the engineering controlled splice, the ECS maybe owned by AT&T ILLINOIS or the CLEC (depending on the specific arrangement) at the option of AT&T ILLINOIS.
- 11.2.4 If more than one CLEC obtains space in expanded remote terminals or adjacent structures and obtains an SAA with the new copper interface point at the ECS, the initial telecommunications carrier which incurred the costs of construction of the engineering controlled splice and/or additional copper/fiber shall be reimbursed those costs in equal proportion to the space or lines used by the requesting carriers.
- 11.2.5 AT&T ILLINOIS may require a separate SCA for each remote terminal site.
- 11.2.6 Written acceptance and at least 50% of payment for the SCA must be submitted at least 90 days before access to the copper UNE subloop or dark fiber is to be provisioned. If an augment of cabling is required between the ECS and the SAI, the interval for completion of the SCA will be determined on an individual case basis.
- 11.3 MCIm will have two (2) options for implementing the ECS: a "Dedicated Facility Option" (DFO) and a "Cross-connected Facility Option" (CFO).
 - 11.3.1 Dedicated Facility Option (DFO)
 - 11.3.1.1 MCIm may request AT&T ILLINOIS splice the existing cabling between the ECS and the SAI to the CLEC's SAA facility. This facility will be "dedicated" to the CLEC for subsequent UNE subloop orders.
 - 11.3.1.2 CLEC must designate the quantity of subloops they desire to access via this spliced, dedicated facility, specified by subtending SAI.
 - 11.3.1.3 CLECs will compensate AT&T ILLINOIS for each of the dedicated subloop facilities, based on recurring UNE subloop charges for the quantity of UNE subloops dedicated to the CLEC between the ECS and the SAI.
 - 11.3.2 Cross-connected Facility Option (CFO)
 - 11.3.2.1 CLEC may request AT&T ILLINOIS build an ECS cross-connect junction on which to terminate CLEC's SAA facility.
 - 11.3.2.2 The SCA associated with this option will include the charges associated with constructing the cross-connect device, including the termination of AT&T ILLINOIS cabling between the ECS and the RT and/or SAI, and the inventorying of that AT&T-13STATE cabling.
 - 11.3.2.3 CLEC must designate the quantity of UNE subloops they desire to access via this cross-connectable, dedicated facility, specified by subtending SAI.

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

12. INTENTIONALLY OMITTED

13. INTENTIONALLY OMITTED

14. INTENTIONALLY OMITTED

15. INTENTIONALLY OMITTED

16. INTENTIONALLY OMITTED

17. INTENTIONALLY OMITTED

18. OPERATIONS SUPPORT SYSTEMS FUNCTIONS

18.1 AT&T ILLINOIS shall provide nondiscriminatory access in accordance with Section 47CFR 51.311 and Section 251(c)(3) of the Act to Operations Support Systems (OSS) on an unbundled basis to MCIm for the provision of a Telecommunications Service. OSS functions consist of pre-ordering, ordering, provisioning, maintenance and repair, and billing functions supported by AT&T ILLINOIS' databases and information. AT&T ILLINOIS, as part of its duty to provide access to the pre-ordering function, must provide MCIm with nondiscriminatory access to the same detailed information about the loop that is available to AT&T ILLINOIS. Access to OSS is available as described in Appendix OSS.

19. CROSS CONNECTS

19.1 MCIm shall pay AT&T ILLINOIS for cross connects at the rates set forth in Appendix Pricing of this Agreement.

20. PROVISIONING AND MAINTENANCE OF LAWFUL UNBUNDLED NETWORK ELEMENTS

20.1 Provisioning/Maintenance of Unbundled Network Elements

20.1.1 MCIm may order from AT&T ILLINOIS multiple individual unbundled Network Elements on a single order subject to OSS specifications without the need to have MCIm send an order for each such unbundled Network Element if such unbundled Network Elements are: (i) for a single type of service, (ii) for a single location, and (iii) for the same account.

20.1.2 AT&T ILLINOIS shall provide all provisioning services to MCIm during the same business hours AT&T ILLINOIS provisions similar services for its end user customers or other CLECs.

20.1.3 AT&T ILLINOIS shall provide a Single Point of Contact (SPOC) within the LSC for ordering and provisioning contacts and order flow involved in the purchase and provisioning of AT&T ILLINOIS' unbundled Network Elements or combinations. The SPOC shall provide an electronic interface twenty-four (24) hours a day, seven (7) days a week for all ordering and provisioning order flows. The SPOC shall also provide to MCIm a toll-free nationwide telephone number (operational from 8:00 a.m. to 5:00 p.m., Monday through Friday) which will be answered by capable staff trained to answer questions and resolve problems in

connection with the provisioning of unbundled Network Elements or combinations.

- 20.1.4 AT&T ILLINOIS shall provide to MCIm a Single Point of Contact (Local Service Center or LSC) for ordering unbundled Network Elements. A national toll-free number will be provided. This LSC is responsible for order acceptance, order issuance, and return of the FOC to MCIm as specified in Performance Measurements Appendix. In addition, AT&T ILLINOIS shall provide to MCIm a Single Point of Contact (Local Operations Center or LOC) for all provisioning, maintenance, repair, and cut-over coordination. A national toll-free number will be provided twenty-four (24) hours a day, seven (7) days a week.
- 20.1.5 AT&T ILLINOIS will recognize MCIm as the customer of record of all Network Elements on an unbundled basis and Combinations ordered by MCIm and will send all notices, invoices and pertinent customer information directly to MCIm.
- 20.1.6 AT&T ILLINOIS may not initiate any disconnection or rearrangement of any MCIm ordered Network Element on an unbundled basis or Combination, except as directed by MCIm or as otherwise provided in this Agreement.
- 20.1.7 AT&T ILLINOIS will provide MCIm with a Firm Order Confirmation (FOC) for each order for all Network Elements on an unbundled basis. The FOC shall contain an enumeration of MCIm's ordered unbundled Network Elements, services or combination features, options, physical Interconnection, quantity and a due date for the order. AT&T ILLINOIS must return the FOC for unbundled Network Elements and combinations within five (5) hours of AT&T ILLINOIS' receipt of any electronically submitted order and within twenty-four (24) hours of AT&T ILLINOIS' receipt of any manually submitted (faxed) order.
- 20.1.8 AT&T ILLINOIS shall provision unbundled Network Elements in accordance with the time frames set forth in Performance Measurements Appendix.
- 20.1.9 AT&T ILLINOIS agrees to negotiate with MCIm prior to the due date a scheduled conversion date and time.
- 20.1.10 Not less than one (1) hour prior to the scheduled conversion time, either Party may contact the other Party and unilaterally designate a new scheduled conversion time. If the new conversion time is within the conversion window, no charges shall be assessed on or waived by either Party. If, however, the new conversion time is outside of the conversion window, the Party requesting such new conversion time shall be subject to the following:
 - 20.1.10.1 If AT&T ILLINOIS requests the new conversion time, the applicable line connection charge shall be waived; and
 - 20.1.10.2 If MCIm requests the new conversion time, MCIm shall be assessed a line connection charge in addition to the line connection charge that will be incurred for the new conversion time.
- 20.1.11 The Parties agree that they will negotiate terms and conditions relative to coordinated cutovers (hot cuts) upon completion of state commission collaboratives in which hot cuts procedures are being addressed.
- 20.1.12 Except as otherwise agreed by the Parties for a specific conversion, the Parties agree that the time interval expected from disconnection of "live" telephone

exchange service to the connection of an unbundled Network Element at the MCIm collocation interface point will be sixty (60) minutes or less. For purposes of this section, Delaying Event means (a) any failure of AT&T ILLINOIS to perform any of its obligations set forth in this Agreement, caused in whole or in part by (i) the failure of MCIm to perform any of its obligations set forth in this Agreement, or (ii) any delay, act or failure to act by MCIm or its end user customer, agent or subcontractor or (b) any Force Majeure Event. AT&T ILLINOIS shall waive the applicable line connection charge for such element.

20.1.13 Upon work completion, AT&T ILLINOIS will provide MCIm electronically (unless otherwise notified by MCIm) with an order completion per order that states when that order was completed. AT&T ILLINOIS shall respond with specific order detail as enumerated on the FOC and shall state any additional charges (e.g., time and materials charges) up to a previously agreed upon limit associated with that order.

20.1.14 As soon as identified, AT&T ILLINOIS shall provide notification electronically of MCIm orders that are incomplete or incorrect and therefore cannot be processed.

20.1.15 As soon as identified, AT&T ILLINOIS shall provide notification electronically of any instances when AT&T ILLINOIS' due dates are in jeopardy of not being met by AT&T ILLINOIS on any element or feature contained in any order for unbundled Network Elements. AT&T ILLINOIS shall indicate its new due date as soon as such date is available.

20.1.16 AT&T ILLINOIS shall provide to MCIm upon request:

20.1.16.1 A list of all services and features technically available from each switch that AT&T ILLINOIS may use to provide Local Switching, by switch CLLI.

20.1.16.2 A listing of street address detail for the service coverage area of each switch CLLI.

20.1.16.3 When available, all engineering design and layout information for each unbundled Network Element and Combination; provided that MCIm shall pay AT&T ILLINOIS in advance of receiving the information the costs incurred by AT&T ILLINOIS to provide MCIm with copies of such information.

20.1.16.4 A listing of all technically available functionalities for each unbundled Network Element or Combination. If MCIm orders a technical publication, MCIm shall pay AT&T ILLINOIS for the technical publications.

20.1.17 Within twenty-four (24) hours of MCIm's request, AT&T ILLINOIS will perform cooperative testing with MCIm (including trouble shooting to isolate any problems) to test unbundled Network Elements or Combinations purchased by MCIm in order to identify any performance problems.

20.1.18 For orders of unbundled Network Elements (and LNP with the installation of a Loop) that require coordination among AT&T ILLINOIS, MCIm and MCIm's customer, MCIm shall be responsible for any necessary coordination with its customer.

- 20.1.19 Access to unbundled Network Elements is provided under this Agreement over such routes, technologies, and facilities as AT&T ILLINOIS may elect at its own discretion, but also at parity and on a nondiscriminatory basis. AT&T ILLINOIS will provide access to unbundled Network Elements where technically feasible. Where facilities and equipment are not available AT&T ILLINOIS shall not be required to provide UNEs. However MCIm may request and to the extent required by law, AT&T ILLINOIS may agree to provide UNEs, through the Bona Fide Request (BFR) process outlined in Appendix BFR.
- 20.1.20 Subject to the terms herein, AT&T ILLINOIS is responsible only for the provisioning, installation, operation and maintenance of the unbundled Network Elements it provides. AT&T ILLINOIS is not otherwise responsible for the Telecommunications Services, including the design thereof, provided by MCIm through the use of those unbundled Network Elements, provided that both AT&T ILLINOIS and MCIm meet their obligations under this Appendix UNE and the Agreement. MCIm will be responsible for the products and services it provides its end user customers.
- 20.1.21 Where unbundled Network Elements provided to MCIm are dedicated to a single end user customer, if such unbundled Network Elements are for any reason disconnected they shall be made available to AT&T ILLINOIS for future provisioning needs, on the same basis AT&T ILLINOIS holds or reassigns such facilities for its own end user customers, unless such unbundled Network Element is disconnected in error. MCIm agrees to relinquish control of any such unbundled Network Element concurrent with the disconnection of MCIm's end user customer service.
- 20.1.22 MCIm shall make available at mutually agreeable times the unbundled Network Elements provided pursuant to this Appendix in order to permit AT&T ILLINOIS to test and make adjustments appropriate for maintaining the unbundled Network Elements in satisfactory operating condition. No credit will be allowed for any interruptions involved during such testing and adjustments. But in no case will AT&T ILLINOIS perform scheduled maintenance on any MCIm unbundled Network Element prior to providing reasonable notice to MCIm in advance of performing such maintenance. AT&T ILLINOIS shall provide emergency maintenance as promptly as possible to maintain or restore service and shall advise MCIm promptly of any emergency maintenance actions it takes effecting MCIm.
- 20.1.23 MCIm shall connect equipment and facilities that are compatible with AT&T ILLINOIS's unbundled Network Elements and shall use unbundled Network Elements in accordance with all applicable regulatory standards and the requirements of this Agreement. MCIm's use of any AT&T ILLINOIS unbundled Network Element, or of its own equipment or facilities in conjunction with any AT&T ILLINOIS unbundled Network Element, will not materially interfere with or impair service over any facilities of AT&T ILLINOIS, its affiliated companies or its connecting and concurring carriers involved in its services, cause damage to their plant, impair the privacy of any communications carried over their facilities or create hazards to the employees of any of them or the public. Upon reasonable written notice and opportunity to cure, AT&T ILLINOIS may discontinue or refuse service if MCIm violates this provision, provided that such termination of service will be limited to MCIm's use of the unbundled Network Element(s) causing the violation.

20.1.24 Migrations

20.1.24.1 When an existing end user customer served by (i) AT&T ILLINOIS or (ii) another CLEC changes service to MCIm using any AT&T ILLINOIS provided unbundled Network Element(s), MCIm shall issue appropriate service requests to connect new service to MCIm's end user customer. In either scenario, MCIm's service requests will be processed by AT&T ILLINOIS, and MCIm will be charged the applicable charge(s) as set forth in the Pricing Appendix. In either scenario, the end user customer's services will not be modified unless requested by MCIm and any service interruptions will not be discernable to the end user customer.

20.1.24.2 When end user customers served by one CLEC using AT&T ILLINOIS UNEs are migrated to MCIm, MCIm shall issue appropriate service requests.

20.1.24.3 For "As is migrations" see Appendix OSS section 4.5.

20.1.25 Intentionally Omitted.

20.2 If trouble occurs with unbundled Network Elements provided by AT&T ILLINOIS, MCIm will first determine whether the trouble is in MCIm's own equipment and/or facilities or those of the end user customer. If MCIm determines the trouble is in AT&T ILLINOIS' equipment and/or facilities, MCIm will issue a trouble report to AT&T ILLINOIS.

20.2.1 A Party shall pay Time and Material Charges (maintenance of service charges/additional labor charges) when it reports a suspected failure of a unbundled Network Element and the other Party dispatches personnel to the end user customer's premises or a Central Office and to the extent that the trouble was not caused by the other Party's facilities or equipment. Time and Material Charges will include all technicians dispatched, including technicians dispatched to other locations for purposes of testing. Rates of Time and Material charges will be billed at amounts equal to those contained in Appendix Pricing. AT&T ILLINOIS shall apply Time and Material charges for Premises Visits at parity with what AT&T ILLINOIS charges its retail end users customers.

20.3 Intentionally Omitted.

20.4 MCIm shall pay Time and Material charges when AT&T ILLINOIS dispatches personnel and the trouble is in equipment or communications systems provided an entity by other than AT&T ILLINOIS or in detariffed CPE provided by AT&T ILLINOIS, unless covered under a separate maintenance agreement. Anything to the contrary in this Agreement notwithstanding, AT&T ILLINOIS shall not proceed with any repairs pursuant to this section without the consent of MCIm's end user customer, which consent shall be obtained in accordance with the requirements of this Agreement, including providing MCIm with documentation of the end user customer's request.

20.5 MCIm shall pay Maintenance of Service charges when the trouble clearance did not otherwise require dispatch, but dispatch was requested for repair verification or cooperative testing, and the circuit did not exceed maintenance limits.

20.6 If MCIm issues a trouble report allowing AT&T ILLINOIS access to the end user customer's premises and AT&T ILLINOIS personnel are dispatched but denied access to the premises, provided AT&T ILLINOIS makes a reasonable effort to enter the premises,

then Time and Material charges will apply for the period of time that AT&T ILLINOIS personnel are dispatched. Subsequently, if AT&T ILLINOIS personnel are allowed access to the premises, these charges will still apply.

- 20.7 If MCIm requests or approves a AT&T ILLINOIS technician to perform services in excess of or not otherwise contemplated by the nonrecurring charges herein, MCIm will pay Time and Material Charges for any additional work to perform such services only in circumstances in which AT&T ILLINOIS would have charged its own customer such charges for work performed outside of normal scheduled working hours.
- 20.8 Time and Material Charges apply on a first and additional basis for each half-hour or fraction thereof. 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 work-related efforts performed during normally scheduled working hours on a normally scheduled workday. Overtime is work-related efforts performed on a normally scheduled workday, but outside of normally scheduled working hours. Premium Time is work-related efforts performed other than on a normally scheduled workday.

21. UNE COMBINATIONS

- 21.1 At MCIm's request, AT&T ILLINOIS shall provide combinations of unbundled Network Elements in accordance with the requirements of this Section 21, other applicable requirements of this Agreement and Applicable Law, including 47 CFR Section 315. AT&T ILLINOIS may not require MCIm to own or control any local exchange facilities as a condition of offering to MCIm any Network Element or combination. AT&T ILLINOIS may not require MCIm to combine Network Elements. AT&T ILLINOIS shall not separate Network Elements that are already combined on AT&T ILLINOIS' Network unless requested by MCIm.
- 21.2 Without affecting the other provisions hereof, the UNE combining obligations referenced in this Section 21 apply only in situations where each of the following is met:
- 21.2.1 it is technically feasible, including that network reliability and security would not be impaired;
- 21.2.2 AT&T ILLINOIS' ability to retain responsibility for the management, control, and performance of its network would not be impaired;
- 21.2.3 it would not undermine the ability of other Telecommunications Carriers to obtain access to UNEs or to Interconnect with AT&T ILLINOIS' network.

APPENDIX WHITE PAGES (WP)

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APPENDIX WP (WHITE PAGES DIRECTORY)

1. INTRODUCTION

- 1.1 This Appendix sets forth the terms and conditions for White Pages Directory Services provided by AT&T ILLINOIS to MCIm. The terms and conditions for White Pages Directory Services being provided for MCIm's resale end user customers are set forth in Appendix Resale.

2. SERVICE PROVIDED

- 2.1 AT&T ILLINOIS publishes alphabetical White Pages (WP) directories for its geographic local service areas. MCIm provides local exchange telephone service and wishes to include listing information for its end users in the appropriate AT&T ILLINOIS WP directories.
- 2.2 MCIm also desires distribution to its end users of the WP directories that include listings of MCIm's end users.
- 2.3 AT&T ILLINOIS will include in appropriate WP directories the primary alphabetical listings of all MCIm end users located within the local directory scope.
- 2.4 When MCIm provides its subscriber listing information to AT&T ILLINOIS listings database, MCIm will receive for its end user, one primary listing in AT&T ILLINOIS WP directory and a listing in AT&T ILLINOIS' directory assistance database.
- 2.5 MCIm shall furnish to AT&T ILLINOIS, in a form acceptable to both Parties, subscriber-listing information pertaining to MCIm end users located within the local directory scope, along with such additional information as AT&T ILLINOIS may require to prepare and print the alphabetical listings of said directory. MCIm will submit listing information within one (1) business day of installation, disconnection or other change in service (including change of non-listed or non-published status) affecting the directory assistance database or the directory listing of an MCIm end user. MCIm 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.
- 2.6 MCIm may provide its subscriber listing information to AT&T ILLINOIS for inclusion in the WP directory via either a mechanical or manual feed of the listing information to AT&T ILLINOIS' directory listing database. MCIm agrees to submit all listing information via only a mechanized process within six (6) months of the effective date of this Appendix.
- 2.6.1 Upon MCIm's request sixty (60) calendar days prior to the directory close date for a particular directory, AT&T ILLINOIS shall make available to MCIm forty-five (45) calendar days prior to the directory close date for that directory, either electronically or manually its subscriber listings as such listings are to appear in the directory. AT&T ILLINOIS will accept standing requests for this report. MCIm shall review this listing information and shall submit to AT&T TEXAS any necessary additions, deletions or modifications prior to the directory close date.
- 2.7 DIRECTORIES
- 2.7.1 AT&T ILLINOIS shall direct its directory publishing affiliate to offer delivery of newly published White Pages directories to MCIm's end user customers pursuant to terms and conditions agreed to by the publishing affiliate and MCIm.
- 2.7.2 Intentionally Omitted

2.7.3 AT&T ILLINOIS has no obligation to warehouse WP directories for MCIm or provide WP directories to MCIm's end users subsequent to the annual distribution of newly published directories.

2.7.4 MCIm may arrange for additional directory distribution and other services with AT&T ILLINOIS' directory publishing affiliate.

2.8 AT&T ILLINOIS shall direct its directory publishing affiliate to offer MCIm the opportunity to include in the "Information Pages", or comparable section of its White Pages directories (covering the territory where MCIm is certified to provide local service), information provided by MCIm for MCIm's installation, repair, customer service and local sales office information and, where required by regulatory bodies, payment address. Such information shall appear in the same manner as such information appears for AT&T ILLINOIS and other LECs. AT&T ILLINOIS' directory publishing will include such MCIm information in the "Information Pages" pursuant to terms and conditions agreed to by the publishing affiliate and MCIm and will administer the charges, if any, for the inclusion of such information, which will be calculated on the same basis as the charges, if any, charged to AT&T ILLINOIS.

3. USE OF SUBSCRIBER LISTING INFORMATION

3.1 AT&T ILLINOIS agrees to serve as the single point of contact for all independent and third party directory publishers who seek to include MCIm's subscriber listing information in an area directory, and to handle MCIm's subscriber listing information in the same manner as AT&T ILLINOIS' subscriber listing information. In exchange for AT&T ILLINOIS serving as the single point of contact and handling all subscriber listing information equally, MCIm authorizes AT&T ILLINOIS to include and use MCIm subscriber listing information provided to AT&T ILLINOIS pursuant to this Appendix in AT&T ILLINOIS' WP directory, AT&T ILLINOIS' directory assistance databases, and to provide MCIm subscriber listing information to directory publishers. Included in this authorization is release of MCIm listings to requesting competing carriers as required by Section 271(c)(2)(B)(vii)(II) and Section 251(b)(3). Also included in this authorization is AT&T ILLINOIS' use of MCIm's subscriber listing information in AT&T ILLINOIS' directory assistance, directory assistance related products and services, and directory publishing products and services.

3.2 AT&T ILLINOIS further agrees not to charge MCIm 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 MCIm's subscriber list information to directory publishers, MCIm agrees that it will receive no compensation for AT&T ILLINOIS' receipt of the subscriber list information or for the subsequent release of this information to directory publishers. Such MCIm subscriber list information shall be intermingled with AT&T ILLINOIS' 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 ILLINOIS.

3.3 Each time a third party publisher requests MCIm's listings, MCIm shall not be required to submit a letter of authorization.

4. PRICING

4.1 Intentionally Omitted.

4.2 Where a MCIm end user requires foreign, enhanced or other listings in addition to the primary listing to appear in the WP directory, AT&T ILLINOIS will assess MCIm a charge for such listings in accordance with Appendix Pricing. An additional charge applies when MCIm wishes to list an end user in AT&T ILLINOIS directory assistance database but does not wish to have its end-user listed in AT&T ILLINOIS' WP directory. In addition, for those MCIm end users served by MCIm via AT&T ILLINOIS unbundled switch port, MCIm may elect to have its end user unlisted and the listing not published in AT&T ILLINOIS' WP directory for those nonpublished, nonlisted services at rates in accordance with Appendix Pricing.

APPENDIX LINE SPLITTING

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1. INTRODUCTION

- 1.1 This Appendix Line Splitting sets forth the terms and conditions under which AT&T ILLINOIS will provide MCIm with access to UNEs (including the 2-wire xDSL Loop offering and the Unbundled Local circuit Switching port with Unbundled Shared Transport), pursuant to Appendix xDSL and Appendix UNE and other applicable terms and conditions under this Agreement, in a manner that allows MCIm to engage in UNE Line Splitting in accordance with 47 C.F.R. §51.319(a)(1)(ii). In addition to the terms and conditions of this Appendix Line Splitting, this Appendix is also subject to the applicable terms and conditions of Appendix UNE and Appendix xDSL. In the event of a conflict between the terms of this Appendix Line Splitting and Appendix xDSL, or between this Appendix Line Splitting and Appendix UNE, the Parties agree that the terms of this Appendix Line Splitting shall control. AT&T ILLINOIS shall support MCIm's ability to provide combinations of voice services, data services, or voice and data services over a single xDSL Loop.
- 1.2 The Parties agree that in the event that additions or modifications to AT&T ILLINOIS Line Splitting processes and procedures result from final outcomes of the SBC 13-State Line Splitting Collaborative or any applicable state commission collaborative or the Change Management Process, AT&T ILLINOIS and MCIm will use such modified or additional processes or procedures thereafter under this Agreement, and the Parties will negotiate in good faith to arrive at an agreement on conforming modifications to this Appendix Line Splitting, if necessary.
- 1.3 AT&T ILLINOIS shall make all necessary network modifications, including providing nondiscriminatory access to operations support systems (consistent with Appendix OSS) necessary for pre-ordering, ordering, provisioning, maintenance and repair, and billing for xDSL Loops used in Line Splitting.

2. DEFINITIONS

- 2.1 Terms not defined herein shall have the meaning set forth in Appendix xDSL, Appendix UNE, or Appendix Definitions. In addition to the definitions in Appendix xDSL and Appendix Definitions, the following definitions shall apply to this Appendix Line Splitting.
- 2.2 Intentionally Omitted.
- 2.3 Intentionally Omitted.
- 2.4 Intentionally Omitted.
- 2.5 Intentionally Omitted.
- 2.6 Intentionally Omitted.
- 2.7 Intentionally Omitted.
- 2.8 "Line Splitting" is the process in which one CLEC (which may include MCIm or its Advanced Services Providers) provides narrowband voice service over the low frequency portion of a Loop and a second CLEC (which may include MCIm or its Advanced Services Providers) provides digital subscriber line service over the high frequency portion of that same Loop.

2.8.1 UNE Line Splitting shall mean those instances where MCIm provides the voice portion of a Line Splitting arrangement using an unbundled local circuit switching port with unbundled shared transport leased by MCIm from AT&T ILLINOIS, if and as available under this Agreement. In such cases, MCIm leases an unbundled local circuit switching port with unbundled shared transport and the entire UNE 2-wire xDSL Loop from AT&T ILLINOIS, and AT&T ILLINOIS will perform operational activities necessary to provide access to these UNEs in a manner that enables MCIm and its Advanced Services Providers to engage in UNE Line Splitting over the 2-wire xDSL Loop.

2.9 "Splitter" is a device that divides the data and voice signals concurrently moving across a Loop, directing the voice traffic through copper tie cables to the switch and the data traffic through another pair of copper tie cables to multiplexing equipment for delivery to a packet-switched network.

3. GENERAL TERMS AND CONDITIONS

3.1 When MCIm is engaging in Line Splitting, MCIm may combine the loop with unbundled Network Elements or Commingle the loop with wholesale services in accordance with the requirements of this Agreement, including Appendix UNE.

3.2 AT&T ILLINOIS will provide MCIm with access to UNE to provide Line Splitting to deploy xDSL technologies. AT&T ILLINOIS will not impose limitations on the transmission speeds of xDSL services; provided, however, that AT&T ILLINOIS does not guarantee transmission speeds, available bandwidth nor imply any service level.

3.3 Intentionally Omitted.

3.4 Intentionally Omitted.

3.5 In addition, if MCIm is providing voice service over the loop through the use of AT&T ILLINOIS' unbundled local circuit switching and unbundled shared transport elements, the customer's dial tone must originate from an AT&T ILLINOIS End Office switch where the arrangement is being requested.

3.6 Whenever MCIm purchases an xDSL Loop, MCIm shall control the entire loop spectrum.

3.7 Intentionally Omitted.

3.8 Intentionally Omitted.

3.9 When MCIm engages in UNE Line Splitting, MCIm is combining AT&T ILLINOIS provided UNEs with an MCIm-provided Splitter (or a Splitter provided by its Advanced Services Providers) to create its own platform (as differentiated from the combination of UNEs-only provided by AT&T ILLINOIS described as a UNE-Platform ("UNE-P") in this Agreement). The unbundled Network Elements in a UNE Line Splitting arrangement continue to be treated and inventoried by AT&T ILLINOIS as stand-alone UNEs that are terminated to MCIm's (or an Advanced Services Provider's) collocation arrangement. When converting to a UNE Line Splitting arrangement from an existing UNE-P arrangement, AT&T ILLINOIS will reuse loop facilities unless the existing loop is not xDSL-capable. When

converting to a UNE Line Splitting arrangement from an existing line sharing arrangement (as described in Appendix Line Sharing), AT&T ILLINOIS will reuse the existing loop facility; provided, however, conversions from a line sharing arrangement to a UNE Line Splitting arrangement may only be made by MCIm or its Advanced Services Providers in those instances where: (1) the existing data CLEC providing service over the HFPL at the time AT&T ILLINOIS retail POTS service is disconnected disconnects the HFPL after AT&T ILLINOIS' retail POTS service is disconnected; or (2) to the extent the existing data CLEC providing voice service over the HFPL elects to assume the full stand-alone xDSL Loop to continue to provide data service to the end-user customer, MCIm has a line splitting arrangement in place with that existing data CLEC and the xDSL Loop is a 2-wire xDSL Loop.

- 3.10 Upon MCIm's request, AT&T ILLINOIS shall convert an MCIm UNE Platform combination provided by AT&T ILLINOIS to UNEs that may be used in a UNE Line Splitting arrangement or a Line Sharing arrangement to UNEs that may be used in a UNE Line Splitting arrangement when MCIm or its Advanced Services Provider provides a Splitter and DSLAM in its collocation space. MCIm or its AASP shall make all cross-connections within its collocation space required to complete continuity between their CFA locations specified for connection by AT&T ILLINOIS. AT&T ILLINOIS shall be responsible for connecting the 2-wire xDSL Loop to the CFA specified by MCIm (or its Advanced Services Provider). AT&T ILLINOIS shall also connect the unbundled local circuit switching element to the CFA specified by MCIm (or its Advanced Services Provider).
- 3.11 Two cross connects are required when MCIm engages in UNE Line Splitting (one cross connect for the unbundled local circuit switching port and one for the 2-wire xDSL loop). This is the same number of cross connects as that required when another CLEC (including AT&T ILLINOIS' advanced service affiliate) engages in Line Sharing using a CLEC-owned collocated Splitter as described in Appendix Line Sharing.
- 3.12 AT&T ILLINOIS will make available, and MCIm will follow, the standard trouble reporting practices for each individual UNE when such UNE is used in a UNE Line Splitting arrangement.
- 3.13 AT&T ILLINOIS may not require MCIm to collocate in order to provide voice service when Line Splitting, provided the data carrier shall be collocated to provision this arrangement.

4. AUTHORIZED ADVANCED SERVICES PROVIDER

- 4.1 MCIm may identify to AT&T ILLINOIS one or more CLECs as an authorized advanced services provider which is authorized by MCIm to add, change or delete advanced services capabilities as to UNEs employed or ordered by MCIm ("Advanced Services Provider") for purposes of line splitting. By utilizing the LSPAUTH field of the LSR, MCIm acknowledges that the Advanced Services Provider is placing the order on MCIm's behalf. Such an Advanced Services Provider shall submit orders on MCIm's behalf using MCIm's ACNA OCN and circuit facilities assignment ("CFA") information.
 - 4.1.1 Intentionally Omitted.
 - 4.1.2 Intentionally Omitted.

- 4.2 Intentionally Omitted.
- 4.3 MCIm is responsible for developing any necessary interfaces between itself and any Advanced Services Providers.
- 4.4 Liability and Indemnification for unauthorized use of AT&T ILLINOIS' OSS is addressed in Appendix OSS.

5. LOOP OFFERING

- 5.1 Retirement of Copper Loops. Prior to retiring any copper Loop (that has been replaced with a Fiber-to-the-Home Loop) used by MCIm for Line Splitting, AT&T ILLINOIS shall comply with the requirements for retirement of copper set forth in Appendix UNE of this Agreement.

6. INTENTIONALLY OMITTED

7. PROVISIONING

- 7.1 Intentionally Omitted.
- 7.2 Provisioning intervals for xDSL Loops utilized by MCIm for Line Splitting are the same as those set forth in Appendix xDSL.
- 7.3 Line Splitting with a CLEC-Owned Switch. For Line Splitting with a CLEC-Owned Switch, AT&T ILLINOIS will abide by the outcome of any statewide collaboratives as set forth in Section 1.2 above.
- 7.4 Intentionally Omitted.
- 7.5 Intentionally Omitted.
- 7.6 Intentionally Omitted.
- 7.7 Intentionally Omitted.
- 7.8 The provisioning intervals for UNEs provided for purposes of line splitting are the standard provisioning intervals for the underlying UNE. If a request involves multiple activities that must be completed on the same day, the due date interval for the activity with the longest due date interval will apply. In no event shall the interval offered to MCIm, for UNEs provided for the purposes of UNE Line Splitting, or record changes, be longer than the interval offered to AT&T ILLINOIS' retail operations, to AT&T ILLINOIS' advanced services affiliate, or to any non-affiliated CLEC.
- 7.9 Intentionally Omitted.
- 7.10 Intentionally Omitted.
- 7.11 If connections to a collocation arrangement must be established or modified, then MCIm (or its Advanced Services Provider) will provide the CFA information appropriate to making such connections or modifications.

8. SERVICE QUALITY AND MAINTENANCE

- 8.1 Intentionally Omitted.
- 8.2 AT&T ILLINOIS will provide maintenance and repair (including any applicable testing necessary for trouble isolation) for each of the UNEs in a Line Splitting arrangement in accordance with the Appendix UNE and Appendix xDSL for that UNE or UNEs.
 - 8.2.1 Intentionally omitted.
- 8.3 AT&T ILLINOIS is responsible for all testing, repair and maintenance of its facilities which includes all cross connects and AT&T ILLINOIS provided equipment. Except as provided herein, MCIm is responsible for all testing, maintenance, and repair of its physically and virtually collocated facilities and equipment according to the terms and conditions of the Appendix Collocation.
- 8.4 AT&T ILLINOIS and MCIm agree to coordinate in good faith any virtually collocated Splitter testing, repair and maintenance that will significantly impact the service provided by the other Party. In no event will AT&T ILLINOIS perform any virtually collocated Splitter testing, repair or maintenance that interrupts the flow of data to a MCIm customer without first coordinating with MCIm to reach a mutually acceptable time for the necessary testing, repair or maintenance work to occur. In no event will AT&T ILLINOIS have any obligation to test, maintain, or repair an MCIm owned, physically collocated Splitter.
- 8.5 Procedures and Access. AT&T ILLINOIS will provide resolution of MCIm-referred trouble tickets for Line Splitting at parity with the repair intervals AT&T ILLINOIS provides to other CLECs or any of its affiliates in ILLINOIS providing advanced services. When resolving such trouble tickets, AT&T ILLINOIS shall not rearrange or modify the Loop beyond the original service without prior notification to MCIm.
- 8.6 Mechanized Loop Testing
 - 8.6.1 When MCIm is leasing unbundled Local Circuit Switching in a Line Splitting arrangement, AT&T ILLINOIS will provide MCIm access to its legacy Mechanized Loop Testing (MLT) system and its inherent testing functions.
- 8.7 When a Line Splitting problem is isolated as being in MCIm's Splitter and the end user customer wishes to restore voice service prior to the correction of the problem, MCIm shall make two attempts to resolve the problem by utilizing the CFA expedite process set forth in SBC ILLINOIS' Accessible Letter Number CLECAM04-032 dated February 5, 2004. If AT&T ILLINOIS does not correct the problem using the CFA expedite process by close of business on the next business day following MCIm's initial request, MCIm may request, and AT&T ILLINOIS shall provide, strap around from the UNE Switch Port to the cable pair of the xDSL Loop if the two CFA change attempts fail to restore the voice service.
- 8.8 When MCIm resolves the trouble condition in its equipment, MCIm will contact AT&T ILLINOIS to restore Line Splitting.

AT&T ILLINOIS**9. SPLITTER OWNERSHIP AND RESPONSIBILITIES**

- 9.1 The Parties agree that AT&T ILLINOIS shall have no obligation to provide MCIm with Splitters.
- 9.2 When MCIm is physically collocating, Splitters shall be installed in MCIm's collocation arrangement area (whether caged or cageless) consistent with the collocation provisions set forth in Appendix Collocation of this Agreement.
- 9.3 When MCIm is virtually collocated, the Parties will follow the terms of Appendix Collocation or the Collocation tariff to install, provision, and maintain splitters.
- 9.4 AT&T ILLINOIS shall provide cross-connect (tie) cables from the collocation cage to the Carrier Facility Assignment (CFA) for splitter arrangement as provided in Appendix Collocation of this Agreement.

10. LINE SPLITTING TURN-UP TESTING PROCEDURES

- 10.1 AT&T ILLINOIS will visually inspect all Central Office cross connects placed in association with Line Splitting orders. AT&T ILLINOIS will verify that the correct telephone number from the UNE Switch Port is appearing at the cable pair associated with the xDSL Loop.

11. SPECTRUM MANAGEMENT

- 11.1 The Parties shall use spectrum management to manage the deployment in accordance with the standards set forth in Appendix xDSL of this Agreement.

12. PRICING

- 12.1 The applicable rates are as set forth in Appendix Pricing.

**ATTACHMENT FOR THE REMOVAL OF ALL OR
NON-EXCESSIVE BRIDGED TAP USING A MODIFIED MAINTENANCE PROCESS ("RABT MMP")**

1. INTRODUCTION

- 1.1 This Attachment RABT MMP sets forth the rates, terms and conditions for the Removal of All or Non-Excessive Bridged Tap ("RABT") using a modified version of the standard maintenance process ("MMP") for xDSL Loops and the High Frequency Portion of the Loop ("HFPL"). This process is available to MCIm if the underlining loop or facility was not ordered using the Yellow Zone Process (YZP) as set forth In Attachment Yellow Zone Ordering Process of this Appendix xDSL.
- 1.2 Intentionally omitted.
- 1.3 AT&T ILLINOIS shall provide MCIm with access to the RABT MMP process on a non-discriminatory basis and at parity with the RABT MMP process it provides to itself, or any of its affiliates in ILLINOIS providing advanced services and other CLECs.

2. INTENTIONALLY OMITTED

3. REMOVAL OF ALL OR NON-EXCESSIVE BRIDGED TAP MMP OFFERING

- 3.1 To be eligible for RABT MMP, MCIm shall have ordered an xDSL Loop or the HFPL on its original service order. After the service order has completed, MCIm shall generate a trouble ticket pursuant to Section 5 of this Attachment with the Local Operations Center ("LOC") specifying the type of bridged tap Conditioning requested. Upon MCIm's request, the LOC will investigate and will address any AT&T ILLINOIS non-conditioning related reasons for any No Sync situation, or ensure MCIm's bridged tap removal request is appropriate by verifying the subject bridged tap is located on the Loop, provided, however, AT&T ILLINOIS does not guarantee the synchronization of any loop.
- 3.2 Except as provided below, AT&T ILLINOIS shall respond to RABT MMP trouble tickets within five (5) business days or at parity with what it provides itself, or any of its affiliates in ILLINOIS providing advanced services or any third party.
 - 3.2.1 In those instances where AT&T ILLINOIS determines that it can Remove All or Non-Excessive Bridged Tap under this Attachment, but cannot meet the five ((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 AT&T ILLINOIS, the Parties understand and agree that the five (5) business day interval set forth above shall not apply, but instead, in such situations, AT&T ILLINOIS will respond to MCIm-referred Removal of All or Non-Excessive Bridged Tap trouble tickets for xDSL Loops, the HFPL in parity with the repair intervals AT&T ILLINOIS provides to its advanced services affiliate(s) in that same AT&T ILLINOIS state. AT&T ILLINOIS will advise MCIm as soon as possible when AT&T ILLINOIS is unable to Remove All or Non-Excessive Bridged Tap under this Attachment or is unable to meet the five (5) business day interval.
- 3.3 MCIm shall pay AT&T ILLINOIS for any Conditioning requested on a trouble ticket at the rates set forth in Appendix Pricing of this Agreement.

4. TESTING

- 4.1 Any testing requests after the completion of the service order will follow the testing procedures outlined for xDSL Loops and HFPL elsewhere in this Agreement.
- 4.2 MCIm shall assist in trouble isolation on trouble tickets for the Removal of All or Non-Excessive Bridged Tap by obtaining and providing to AT&T ILLINOIS disturber information on the Loop at the time of opening the trouble ticket. For best results, MCIm is encouraged to provide appropriate testing equipment for its technician to determine the presence and location of section(s) of bridged tap, including the length of individual section(s).

5. MAINTENANCE /SERVICE ASSURANCE

- 5.1 Prior to the opening of a trouble ticket for the RABT, MCIm must verify that the problem is not MCIm-related. If an RABT trouble ticket is opened, and it is later determined by AT&T ILLINOIS that the requested Conditioning is not available because no such bridged tap was on the loop, the trouble ticket will be closed by AT&T ILLINOIS as a 'No Trouble Found' (NTF) and MCIm shall pay a Maintenance Service Charge on a Time and Material basis, in 30-minute increments, pursuant to Section 13.3.4(C)(1)(a) of the FCC No. 2; provided, however, the tariffed rates referenced below shall be deemed to be automatically revised and updated in the event that the referenced tariffed rates are modified during the term of this Agreement.
- 5.2 MCIm may open a trouble ticket for the RABT 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, MCIm 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 AT&T ILLINOIS LOC. Vendor meet procedures can be found in AT&T ILLINOIS' CLEC On-Line Handbook.
 - 4. It is MCIm's obligation to document on the trouble ticket the type of Conditioning it is requesting be performed by AT&T ILLINOIS i.e., the Removal of All or Non-Excessive Bridged Tap. If the specific RABT Conditioning request is not documented on MCIm's trouble ticket, the trouble ticket will be returned to MCIm 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 the HFPL, provided for elsewhere in this Agreement.
- 5.3 Except as otherwise provided for herein, when a trouble ticket is opened by MCIm for the RABT Conditioning, a five (5) business day interval will be given. Trouble ticket authorization for Conditioning and billing will be provided as follows:

- 5.3.1 Except as otherwise provided for herein, if the trouble ticket is opened as a ticket for the RABT Conditioning, for a loop that is over 12,000 feet or greater in Actual Loop Length, AT&T ILLINOIS will use that designation and the initiation of the trouble ticket by MCIm as approval for loop Conditioning and the loop will be conditioned by AT&T ILLINOIS. MCIm will then be billed and shall pay the Conditioning charges set forth on the attached AT&T ILLINOIS RABT Pricing Schedule, in addition to any other applicable Conditioning charges set forth elsewhere in this Agreement upon the completion of the requested Conditioning by AT&T ILLINOIS.
- 5.3.2 Except as otherwise provided for herein, if MCIm's trouble ticket is opened for the RABT Conditioning for a loop that is less than 12,000 feet in length in Actual Loop Length, and the loop is conditioned to remove bridged tap beyond that required to meet Minimum Qualifications, AT&T ILLINOIS will bill and MCIm shall pay the Conditioning charges set forth on the attached, AT&T ILLINOIS RABT Pricing Schedule, in addition to any other applicable Conditioning charges set forth elsewhere in this Agreement, for any Conditioning performed by AT&T ILLINOIS at MCIm's request.
- 5.3.3 In the scenarios addressed in Subsections 5.3.1 and 5.3.2 above, the AT&T ILLINOIS LOC will notify MCIm 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 AT&T ILLINOIS shall charge and MCIm shall pay for the RABT are set forth in Appendix Pricing of this Agreement.

**ATTACHMENT FOR THE REMOVAL OF ALL OR
NON-EXCESSIVE BRIDGED TAP USING THE YELLOW ZONE PROCESS ("RABT YZP")**

1. INTRODUCTION

- 1.1 This Attachment RABT YZP sets forth the rates, terms and conditions for the Removal of All or Non-Excessive Bridged Tap ("RABT") using a modified version of the Yellow Zone Process ("YZP"), for xDSL Loops and the High Frequency Portion of the Loop ("HFPL").
- 1.2 Intentionally Omitted.
- 1.3 AT&T ILLINOIS shall provide MCIm with access to the RABT YZP process on a non-discriminatory basis and at parity with the RABT YZP process it provides to itself, or any of its affiliates in ILLINOIS providing advanced services and other CLECs.

2. DEFINITIONS

In addition to the definitions in Appendix xDSL, Line Sharing, and Definitions, the following definitions shall apply to this Attachment RABT YZP.

- 2.1 "Minimum Qualifications" as used herein means a loop that has no load coil(s), repeater(s), or bridged tap(s) in excess of 2,500 feet in total length.
- 2.2 "Non-excessive bridged tap" as used herein shall refer to bridged taps less than 2,500 feet in total length.
- 2.3 "No Sync situation" as used herein means that after the completion of a YZP service order, MCIm is experiencing a situation in which its DSLAM will not communicate (sync) with the End-User premises.
- 2.4 "Removal of All or Non-Excessive Bridged Tap" ("RABT") 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 as defined herein, in response to a request by MCIm.
- 2.5 "Sync Test" as used herein shall refer to the procedures used by MCIm, when MCIm's provided test equipment, verifies there is communication, or "sync", from MCIm's collocated DSLAM to the last cable pair leaving the AT&T ILLINOIS Central Office to the End-User premises.

3. RABT YZP OFFERING

- 3.1 To be eligible for the RABT YZP, MCIm shall have ordered an xDSL Loop or HFPL on its original service order, using a generic loop 'As Is' specification code to identify the Loop that may require conditioning. All Local Service Requests ("LSRs") for an xDSL Loop or HFPL shall be submitted with the Loop Specification Code or Loop Modification Type ("LMT") designated for the YZP process.
- 3.2 MCIm shall not issue a RABT YZP trouble ticket for any particular Loop prior to the closing of the original service order for that same Loop.
- 3.3 Except as provided below, AT&T ILLINOIS will respond to RABT YZP trouble tickets within five (5) business days or at parity with what it provides itself, or any of its affiliates in ILLINOIS providing advanced services, or any third party.

3.3.1 In those instances where AT&T ILLINOIS determines that it can Remove All or Non-Excessive Bridged Tap under this Attachment, but cannot meet the five (5) business day interval e.g., in those situations:(i) involving municipalities which may affect access to certain areas; or (ii) in which there are other issues associated with a access to the subject facilities; or (iii) in which events, actions or circumstances exist or arise that are outside the sole control of AT&T ILLINOIS, the Parties understand and agree that five (5) business day interval set forth above shall not apply, but instead, in such situations, AT&T ILLINOIS will respond to MCIm-referred RABT trouble tickets for xDSL Loops or the HFPL in parity with the repair intervals AT&T ILLINOIS provides to its advanced services affiliate in that same AT&T ILLINOIS state. AT&T ILLINOIS will advise MCIm as soon as possible when AT&T ILLINOIS is unable to Remove All or Non-Excessive Bridged Tap under this Attachment or is unable to meet the five (5) business day interval.

3.4 MCIm shall pay AT&T ILLINOIS for any Conditioning requested on a trouble ticket at the rates set forth in Appendix Pricing of this Agreement.

4. TESTING

4.1 AT&T ILLINOIS will not perform Line Sharing Turn-Up Testing prior to the completion of a HFPL ordered using the modified YZP process for the RABT.

4.2 Any testing requests after the completion of the service order will follow the testing guidelines and procedures set forth elsewhere in the Agreement.

4.3 MCIm shall assist in trouble isolation on trouble tickets for the RABT YZP by obtaining and providing to AT&T ILLINOIS disturber information on the Loop at the time of opening the trouble ticket. For best results, MCIm is encouraged to provide its field technician with appropriate test sets that can detect and detail the presence of the following: the number and location of load coil(s), repeater(s) and of sections of bridged tap (including the lengths of such section(s)).

5. MAINTENANCE /SERVICE ASSURANCE

5.1 Prior to the opening of a trouble ticket for the RABT, MCIm must verify that the problem is not MCIm-related. If an RABT trouble ticket is opened, and it is later determined by AT&T ILLINOIS that the requested conditioning is not available because no such bridged tap was on the loop, the trouble ticket will be closed in AT&T ILLINOIS as a 'No Trouble Found' (NTF). MCIm shall pay a Maintenance Service Charge on a Time and Material basis, in 30-minute increments, pursuant to Section 13.2.6 of the FCC No. 2 Tariff; provided, however, the referenced tariff rates shall be deemed to be automatically revised and updated in the event that the referenced tarified rates are modified during the term of this Agreement.

5.2 MCIm may open a YZP-related trouble ticket for the RABT via the following two methods:

5.2.1 By calling the Local Operations Center. In such case, MCIm shall specify that it is a YZP trouble ticket and shall request the specific type of bridged tap conditioning needed, "Found Bridged Tap (BT) on loop, request Removal of Non-Excessive BT."

5.2.2 By opening an electronic bonding ticket. In such case, MCIm shall specify that it is a YZP trouble ticket and shall request specific conditioning in the remarks field e.g., "Found Bridged Tap (BT) on loop, request Removal of All BT."

Both methods require the following:

1. When Excessive Bridged Tap(s) is present on the loop: MCIm may request:
 - a. the removal of Excessive Bridged Tap(s); or
 - b. the Removal of All Bridged Tap(s).
 2. When Excessive Bridged Tap is not present on the loop, the removal of Non-Excessive Bridged Tap (the remaining Bridged Tap left on the loop after Excessive Bridged Tap has been removed).
 3. Once All Bridged Tap has been removed, any future trouble tickets concerning bridged tap will require a vendor meet with the AT&T ILLINOIS LOC. Vendor meet procedures can be found in AT&T ILLINOIS' CLEC On-Line Handbook.
 4. It is the MCIm's obligation to document on the trouble ticket the type of conditioning it is requesting be performed by AT&T ILLINOIS i.e., RABT. If the bridged tap conditioning request does not specify the RABT conditioning on the YZP trouble ticket, only Excessive Bridged tap conditioning will be performed pursuant to the YZP Attachment.
 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 terms and conditions set forth elsewhere in this Agreement.
- 5.3 Except as otherwise provided for herein, when a YZP trouble ticket is opened by MCIm for the RABT conditioning, a five (5) business day interval will be given. Trouble ticket authorization and billing for conditioning will be provided as follows:
- 5.3.1 Except as otherwise provided for herein, if the trouble ticket is opened as a ticket for the RABT conditioning for a loop that is 12,000 feet or greater in Actual Loop Length, and the loop has been ordered as YZP, AT&T ILLINOIS will use that YZP designation and the initiation of the trouble ticket by MCIm as approval for loop conditioning and the loop will be conditioned by AT&T ILLINOIS. MCIm will then be billed and shall pay the appropriate RABT conditioning charges set forth on the attached, AT&T ILLINOIS RABT Pricing Schedule, in addition to any other applicable conditioning charges set forth elsewhere in this Agreement, upon the completion of the requested conditioning by AT&T ILLINOIS.
 - 5.3.2 Except as otherwise provided for herein, if MCIm's trouble ticket is opened for the RABT conditioning 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, AT&T ILLINOIS will bill and MCIm shall pay the appropriate RABT conditioning charges set forth on the attached, AT&T ILLINOIS RABT Pricing Schedule, for all conditioning performed by AT&T ILLINOIS via the RABT trouble ticket process.
 - 5.3.3 In the scenarios addressed in Subsections 5.3.1 and 5.3.2 above, the AT&T ILLINOIS LOC will notify MCIm as soon as the trouble is closed, whether conditioning has been performed or not.
- 5.4 Escalations for YZP trouble tickets will follow the existing procedures listed in the CLEC On-Line Handbook.

6. PRICING

- 6.1 The rates that AT&T ILLINOIS will charge and that MCIm shall pay for the RABT are set forth in Appendix Pricing of this Agreement.

APPENDIX XDSL

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1. INTRODUCTION

- 1.1 This Appendix xDSL sets forth the terms and conditions that AT&T ILLINOIS will offer xDSL Loops and xDSL Subloops to MCIm in accordance with the FCC's Triennial Review Order and effective implementing rules, for MCIm to use in conjunction with its desired xDSL technologies and equipment to provision xDSL services to its end user customers. The associated rates are set forth in Appendix Pricing of this Agreement.
- 1.2 Nothing in this Appendix xDSL 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 Appendix xDSL 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.
- 1.3 The recognized standards shall include but not be limited to American National Standards Institute (ANSI) standards and those developed within the International Telecommunications Union (ITU).
- 1.4 AT&T ILLINOIS shall provide MCIm with the UNEs and reporting associated with UNEs, described in this Appendix xDSL in compliance with the performance standards set forth in Appendix Performance Measures of this Agreement and those set forth in CC Docket No. 96-98, *Third Report and Order and Fourth Further Notice of Proposed Rulemaking*, FCC 99-238, (released November 5, 1999), Plan of Record for Pre-Ordering and Ordering of xDSL and other Advanced Services (Plan of Record or POR), the Uniform and Enhanced OSS POR (OSS POR) and any specific state commission or FCC rule, order, or mandated industry standard proceeding.

2. DEFINITIONS

- 2.1 "Actual Loop Length" for purposes of this Appendix refers to the total physical length of a copper loop as between the AT&T ILLINOIS Main Distribution Frame (MDF) and the terminal location serving the end-user customer, reported at parity with AT&T's advanced services affiliate and other CLECs. Any additional length attributed to central office wiring, drop wiring, bridge tap, and inside wiring ("wiring") at the end-user customer's location is not included in the calculation of Actual Loop Length.
- 2.2 "Conditioning" as used herein shall refer to the removal by AT&T ILLINOIS of load coils, Excessive Bridged Tap, and/or repeaters on an xDSL Loop or Subloop.
- 2.3 "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 its equivalent, which may include the Intermediate Distribution Frame (IDF).
- 2.4 "Excessive Bridged Tap" as used herein shall refer to bridged tap in excess of 2,500 feet in total length.
- 2.5 Intentionally Omitted.
- 2.6 "Non-standard xDSL-based Technology" is a loop technology that is not Presumed Acceptable for Deployment. Deployment of Non-standard xDSL-based Technologies are allowed as provided in this Appendix xDSL.

- 2.7 "Plan of Record" as used herein refers to AT&T ILLINOIS' December 7, 1999 filing with the FCC, including any subsequent modifications or additions.
- 2.8 "Presumed Acceptable for Deployment" as used herein means an xDSL technology that 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 FCC, any state commission, or an industry standard body. Loop technologies Presumed Acceptable for Deployment include, but are not limited to those referenced in Exhibit A.
- 2.9 "Proof of Continuity" performed during Acceptance Testing 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 by providing a short across the circuit on the tip and ring, and registering whether it can be received at the far end. The loop will be tested to meet basic metallic loop parameters, pair balance, and electrical characteristics such as electrical conductivity and capacitive and resistive balance. This test will be referred to as "Proof of Continuity" or "Continuity Test."
- 2.10 "xDSL Loop" means a Local Loop transmission facility between a distribution frame (or its equivalent) in AT&T ILLINOIS' Central Office and the loop demarcation point at an end user customer premise. "xDSL Loop" includes two-wire and four-wire copper loops conditioned to transmit the digital signals needed to provide DSL services, regardless of whether the copper loops are in service or held as spares. The 'x' in xDSL is a placeholder for the various types of DSL services, including, but not limited to ADSL (Asymmetric Digital Subscriber Line), HDSL (High-bit rate Digital Subscriber Line), HDSL2 (high bit rate digital subscriber line 2-wire), IDSL (ISDN Digital Subscriber Line), SDSL (Symmetrical Digital Subscriber Line), UDSL (Universal Digital Subscriber Line), VDSL (Very High-Speed Digital Subscriber Line), RADSL (Rate-Adaptive Digital Subscriber Line), MVL (multiple virtual lines), and G.Lite.
- 2.11 "xDSL Subloop" is defined as any distribution portion of a copper xDSL 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 AT&T ILLINOIS' outside plant and the demarcation point at an end user customer's premises, as more specifically addressed in the subloop provisions set forth elsewhere in this Agreement and subject to the collocation provisions applicable to this Agreement. A technically feasible point of access for purposes of an xDSL subloop is a point in the distribution portion of an xDSL Loop where an AT&T ILLINOIS technician can access the copper at a terminal in AT&T ILLINOIS' outside plant.

3. GENERAL TERMS AND CONDITIONS RELATING TO XDSL LOOPS

- 3.1 AT&T ILLINOIS agrees to provide xDSL Loops and Subloops for MCIm to deploy xDSL technologies Presumed Acceptable for Deployment or Non-standard xDSL Technology as defined in this Appendix xDSL. AT&T ILLINOIS will provision xDSL Loops and Subloops on a non-discriminatory basis and at a level at least equal in performance and quality with what it provides to itself, or to any of its affiliates in ILLINOIS providing advanced services. AT&T ILLINOIS will not impose limitations on the transmission speeds of xDSL services; provided, however, AT&T ILLINOIS does not guarantee transmission speeds, available bandwidth nor imply any service level.
- 3.2 MCIm's use of any AT&T ILLINOIS network element, or of its own equipment or facilities in conjunction with any AT&T ILLINOIS network element, will not materially interfere with or impair service over any facilities of AT&T ILLINOIS, or any of its affiliates in Illinois

providing advanced services or connecting carriers involved in AT&T ILLINOIS services, cause damage to AT&T ILLINOIS' plant, impair the privacy of any communications carried over AT&T ILLINOIS' facilities or create hazards to employees or the public. Upon reasonable written notice and after a reasonable opportunity to cure, AT&T ILLINOIS may discontinue or refuse service if MCIm violates this provision, provided that such termination of service will be limited to MCIm's use of the element(s) causing the violation. AT&T ILLINOIS will not disconnect the elements causing the violation if, after receipt of written notice and opportunity to cure, MCIm demonstrates that its use of the network element is not the cause of the network harm. If AT&T ILLINOIS does not believe MCIm has made the sufficient showing of harm, or if MCIm contests the basis for the disconnection, either Party must first submit the matter to dispute resolution as described in the General Terms and Conditions of this Agreement. Any claims of network harm by AT&T ILLINOIS must be supported with specific and verifiable supporting information.

- 3.3 AT&T ILLINOIS shall not impose its own standards for provisioning xDSL services, through Technical Publications or otherwise, until and unless approved by the Commission or the FCC prior to use. However, AT&T ILLINOIS will publish non-binding Technical Publications to communicate current standards and their application where required by Applicable Law.
- 3.4 Intentionally Omitted
- 3.5 The provision of xDSL services is subject to a variety of technical constraints, including loop length and the current design of the loop, which must be free of Excessive Bridged Taps, and loading coils. In addition, clear spectral compatibility standards and spectrum management rules and practices are necessary to ensure the quality, integrity, and reliability of AT&T ILLINOIS' network and its existing services.
- 3.6 To ensure spectral compatibility, industry standards bodies such as American National Standards Institute (ANSI) have developed or are in the process of developing Power Spectrum Density (PSD) mask standards to enable multiple technologies to coexist within binder groups. The Parties shall abide by the FCC and/or T1E1.4 spectral management rules and guidelines pertinent for the designated PSD mask type at all times.

4. xDSL LOOP OFFERINGS

- 4.1 xDSL Loops should be provisioned to meet basic electrical standards such as metallic conductivity and capacitive and resistance balance. Use of shielded cross connect cable for ADSL will be at the option of MCIm.
- 4.2 For each xDSL Loop described below, MCIm will at the time of ordering, notify AT&T ILLINOIS as to the Power Spectrum Density (PSD) mask of the technology that MCIm will deploy. If and when a change in PSD mask is made, MCIm will immediately notify AT&T ILLINOIS. Likewise, AT&T ILLINOIS will disclose to MCIm, upon request, information with respect to the number of xDSL Loops using advanced service technology within the binder and the type of technology employed on those loops. AT&T ILLINOIS will use the PSD provided by MCIm 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, MCIm shall provide AT&T ILLINOIS with a technical description of the technology including power masks for inventory purposes.
- 4.3 2-Wire xDSL Loop: A 2-wire xDSL Loop for purposes of this Appendix shall be defined as a copper loop over which MCIm may provision various DSL technologies. A copper loop

used for such purposes will meet basic electrical standards such as metallic connectivity and capacitive and resistive balance, and based upon industry standards, should not include load coils, mid-span repeaters or Excessive Bridged Tap. However, Conditioning on loops that are 12,000 feet in Actual Length or greater is optional, subject to Conditioning charges, and will be performed by AT&T ILLINOIS at MCIm's request as more specifically provided herein below. The rates set forth in the Appendix Pricing shall apply to this 2-Wire xDSL Loop.

- 4.4 A 2-Wire Digital Loop for purposes of this section is 160Kbps and supports Basic Rate ISDN (BRI) digital exchange services. The terms and conditions for the 2-Wire Digital Loop are set forth in the Appendix UNE and the rates in the Appendix Pricing.
- 4.5 4-Wire xDSL Loop: A 4-wire xDSL Loop for purposes of this Appendix shall be defined as a copper loop over which MCIm may provision various DSL technologies. A copper loop used for such purposes will meet basic electrical standards such as metallic connectivity and capacitive and resistive balance, and based upon industry standards, should not include load coils, mid-span repeaters or Excessive Bridged Tap. However, Conditioning on loops that are 12,000 feet in Actual Loop Length or greater is optional, subject to Conditioning charges, and will be performed by AT&T ILLINOIS at MCIm's request as more specifically provided herein below. The rates set forth in the Appendix Pricing shall apply to this 4-Wire xDSL Loop.
- 4.6 IDSL Loop: An IDSL Loop for purposes of this Section is a 2-Wire 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. AT&T ILLINOIS has advised MCIm, through the Accessible Letter or alternate process, which AT&T ILLINOIS central offices are IDSL-capable. The rates set forth in the Pricing Schedule shall apply to this IDSL Loop. MCIm may order 2-Wire Digital ISDN Loops if available elsewhere in this Agreement.
- 4.7 xDSL Subloop: An xDSL Subloop for purposes of this Appendix is the distribution portion of an xDSL 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 AT&T ILLINOIS outside plant and the demarcation point at an end user customer premises, as more specifically defined above, over which MCIm may provision DSL technologies. An xDSL Subloop will meet basic electrical standards such as metallic connectivity and capacitive and resistive balance, and based upon industry standards, should not include load coil(s), mid-span repeater(s) or Excessive Bridged Tap(s). However, Conditioning on an existing xDSL Subloop is optional and will be performed by AT&T ILLINOIS at MCIm's request as more specifically provided herein below. The rates set forth in the Appendix Pricing shall apply to this xDSL Subloop.
 - 4.7.1 The subloop and collocation provisions set forth elsewhere in this Agreement (e.g., the Appendix UNE and Appendix Collocation) will also apply to the xDSL Subloop. If there is any conflict between the provisions set forth in this Appendix 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 UNE), shall control.

5. LOOP TECHNOLOGY PRESUMED ACCEPTABLE FOR DEPLOYMENT

AT&T ILLINOIS shall not deny MCIm's request to deploy any DSL technology that is Presumed Acceptable for Deployment by MCIm, unless it has been demonstrated by AT&T ILLINOIS to the Commission in accordance with FCC orders that MCIm's deployment of the specific DSL technology will significantly degrade the performance of other advanced services or traditional voice band services. For the purpose of this section, "significantly degrade" means to noticeably impair a service from a user's perspective as caused by technology. In the event that MCIm wishes to introduce a new technology that does not conform to existing industry standards, and has not been approved by an industry standards body, the FCC, or a state commission, MCIm shall provide documentation that demonstrates that its proposed deployment meets the threshold for presumption of acceptability. 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. In the event that MCIm wishes to introduce a technology that has been approved by another state commission or the FCC, or successfully deployed elsewhere, MCIm will provide documentation describing that action to AT&T ILLINOIS and the Commission before or at the time of its request to deploy such technology within AT&T ILLINOIS. 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. In the event that AT&T ILLINOIS rejects a request by MCIm for provisioning of advanced services, AT&T ILLINOIS will disclose to MCIm information with respect to the number of loops using advanced services technology within the binder and type of technology deployed on those loops, including the specific reason for the denial, within three to five (3-5) days of the denial.

- 5.1 If an xDSL Loop technology is successfully deployed without significant degradation for twelve (12) months, or industry standards for the technology are established, whichever occurs first, the Parties will consider the technology to be Presumed Acceptable for Deployment and treated accordingly. If there is dispute as to the successful deployment of the technology, either Party may submit the dispute for resolution under the Dispute Resolution procedures set forth in this Agreement.

5.1.1 Intentionally Omitted.

- 5.1.2 If MCIm can demonstrate to the Commission that the loop technology will not significantly degrade the performance of other advanced services or traditional voice band services, AT&T ILLINOIS will not deny MCIm's right to deploy new loop technologies that do not conform to the industry 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).

- 5.2 If it is demonstrated that the new xDSL technology will not significantly degrade the other advanced services or traditional voice based services, AT&T ILLINOIS will provide a loop to support the new technology for MCIm as follows:

- 5.2.1 If the technology requires the use of a 2-Wire or 4-Wire xDSL Loop that meets the engineering design criteria of a 2-Wire or 4-Wire xDSL Loop already provisioned by AT&T ILLINOIS, then AT&T ILLINOIS will provide MCIm an xDSL Loop capable of supporting the new xDSL technology at the same rates listed for the appropriate 2-Wire and 4-Wire xDSL Loops and associated Loop Conditioning as needed.

- 5.2.2 In the event that an xDSL technology requires a loop type that differs from the engineering design criteria of a 2-Wire or 4-Wire xDSL Loop already provisioned by AT&T ILLINOIS, the Parties shall expend diligent efforts to arrive at an

agreement as to the rates, terms and conditions for an unbundled loop capable of supporting the proposed xDSL technology and infrastructure. If negotiations fail, any dispute between the Parties concerning the rates, terms and conditions for an unbundled loop capable of supporting the proposed xDSL technology shall be resolved pursuant to the dispute resolution process.

- 5.3 If a Party claims that a service is significantly degrading the performance of other advanced services or traditional voice band services, then that Party must notify the other Party and allow the other Party a reasonable opportunity to correct the problem. Any claims of network harm must be supported with specific and verifiable supporting information. In the event that a Party demonstrates to the Commission that a deployed technology is significantly degrading the performance of other advanced services or traditional voice band services, the other Party shall discontinue deployment of that technology and migrate its customers to technologies that will not significantly degrade the performance of other such services.

6. PROVISIONING

- 6.1 AT&T ILLINOIS will not guarantee that the xDSL loop(s) ordered will perform as desired by MCIm for xDSL-based services, but will guarantee, at the time of installation, basic metallic loop parameters, including continuity and pair balance. MCIm requested testing by AT&T ILLINOIS beyond these parameters would be billed on a time and materials basis at the rates referenced in FCC Tariff No. 2, Section 13.3.4 (c)(1)(a). For loops under 12,000 feet in Actual Loop Length, AT&T ILLINOIS will remove load coils, repeaters, and/or Excessive Bridged Taps at no charge to MCIm. Provisioning shall include Conditioning for xDSL loops less than 12,000 feet in Actual Loop Length and any Conditioning requested by MCIm for loops 12,000 feet in Actual Loop Length or greater.
- 6.2 AT&T ILLINOIS shall provide Acceptance and Cooperative Testing as outlined in Section 9 of this Appendix xDSL.
- 6.3 MCIm shall designate, at MCIm's sole option, what Conditioning AT&T ILLINOIS is to perform in provisioning the xDSL loop(s) and subloop(s) on the loop order. Conditioning may be ordered on loop(s) and subloop(s) of any length at the Conditioning rates set forth in the Appendix Pricing. The loop and subloop will be provisioned to meet the basic metallic and electrical characteristics such as electrical conductivity and capacitance and resistive balance. The provisioning intervals are applicable to every xDSL loop regardless of the loop length. The Parties will meet to negotiate and agree upon subloop provisioning intervals.
- 6.4 The provisioning and installation interval for xDSL-capable loops where no Conditioning is requested (including outside plant rearrangements that involve moving a working service to an alternate pair as the only possible solution to provide a DSL Loop) on orders for 1-20 loops per order or per end user customer location, will be three to five (3-5) business days, or the provisioning and installation interval applicable to AT&T ILLINOIS' tariffed xDSL-based services, or any of its affiliates in Illinois providing advanced services, whichever is shorter.
- 6.5 The provisioning and installation intervals for xDSL Loops, where Conditioning is requested or outside plant rearrangements are necessary, as defined above, on orders for 1-20 loops per order or per end user customer location, will be ten (10) business days, or the provisioning and installation interval applicable to (i) AT&T ILLINOIS' tariffed xDSL-based services or; (ii) any of its affiliates in ILLINOIS providing advanced services xDSL-based services where Conditioning is required, whichever is shorter. In the event MCIm's end user customer require Conditioning during non-working hours, the due date

may be adjusted consistent with end user customer release of circuit and out-of-hours charges may apply at the rates referenced in FCC Tariff No. 2, Section 13.3.4 (c)(1)(a).

- 6.6 Orders for more than 20 xDSL Loops per order or per end user customer location, where no Conditioning is requested will have a provisioning and installation interval of ten (10) business days, or as agreed upon by the Parties. In the event MCIm's end user customer require Conditioning during non-working hours, the due date may be adjusted consistent with end user customer release of circuit and out-of-hours charges may apply at the rates referenced in Section 9.4.2 below.
- 6.7 Orders for more than 20 xDSL Loops per order which require Conditioning will have a provisioning and installation interval agreed by the Parties in each instance.
- 6.8 Subsequent to the initial order for an xDSL Loop or xDSL Subloop, additional Conditioning may be requested on such loop(s) at the rates set forth in the Appendix Pricing and the applicable service order charges will apply; provided, however, when requests to add or modify Conditioning are received for a pending xDSL Loop(s) order, no additional service order charges shall be assessed, but the due date may be adjusted if necessary to meet standard offered provisioning intervals. The provisioning interval for additional requests for Conditioning pursuant to this subsection will be the same as set forth above.
- 6.9 MCIm, at its sole option, may request shielded cabling between network elements and frames within the central office for use with 2-wire xDSL Loop when used to provision ADSL over a DSL Loop provided for herein at the rates set forth in the Appendix Pricing. Tight Twist cross-connect wire will be used on all identified DSL services on all central office frames.

7. MAINTENANCE

- 7.1 Maintenance, other than assuring loop continuity and balance, on unconditioned or partially conditioned loops that are 12,000 feet in Actual Loop Length or greater will only be provided on a time and material basis at the rates referenced in FCC Tariff No. 2, Section 13.3.4 (c)(1)(a). On xDSL Loops where MCIm has requested that no Conditioning be performed, AT&T ILLINOIS' maintenance will be limited to verifying loop suitability based on POTS design criteria. For xDSL Loops having had partial or extensive Conditioning performed at MCIm's request, AT&T ILLINOIS will verify continuity, the completion of all requested Conditioning, and will repair at no charge to MCIm any gross defects which would be unacceptable based on current POTS design criteria and which do not result from the loop's modified design. For xDSL Loops under 12,000 feet in Actual Loop Length, AT&T ILLINOIS will remove load coils, repeaters, and Excessive Bridged Taps at no charge to MCIm.
- 7.2 AT&T ILLINOIS shall provide, on a nondiscriminatory basis, physical loop test access points to MCIm through a cross-connection to MCIm's collocation space, for the purpose of testing, maintaining, and repairing copper xDSL Loops and copper xDSL Subloops.
- 7.3 AT&T ILLINOIS and MCIm agree to coordinate in good faith any testing, repair and maintenance that will significantly impact service provided by the other Party. MCIm may request cooperative testing. If trouble occurs with unbundled Network Elements provided by AT&T ILLINOIS, MCIm will first determine whether the trouble is in MCIm's own equipment and/or facilities or those of the end user customer. If MCIm determines the trouble is in AT&T ILLINOIS' equipment and/or facilities, MCIm will issue a trouble ticket to AT&T ILLINOIS.

- 7.4 A Party shall pay Time and Material Charges (maintenance of service charges/additional labor charges) when it reports a failure of a unbundled Network Element and the other Party dispatches personnel to the end user customer's premises or a Central Office and to the extent that the trouble was not caused by the other Party's facilities or equipment. Time and Material Charges will include all technicians dispatched, including technicians dispatched to other locations for purposes of testing. Rates of Time and Material charges will be billed at amounts equal to those referenced in FCC Tariff No. 2, Section 13.3.4 (c)(1)(a).
- 7.5 Intentionally Omitted.
- 7.6 Repair Intervals: AT&T ILLINOIS will provide resolution of MCIm-referred trouble tickets for xDSL Loops at parity with the interval AT&T ILLINOIS provides itself, other CLECs or any of its affiliates in ILLINOIS providing advanced services, and pursuant to the terms and conditions set forth below.
- 7.7 Line and Station Transfer or "LST": For an xDSL Loop currently in service where trouble ticket resolution has identified that excessive bridged tap(s), load coil(s) and/or repeater(s) are on the loop and transferring to a new loop is a solution identified by AT&T ILLINOIS to resolve a MCIm-initiated xDSL Loop trouble ticket or a trouble identified by AT&T ILLINOIS, AT&T ILLINOIS, at its sole option, may perform an LST to resolve and close out the identified trouble. In the event that a request for Conditioning is received from the MCIm on an xDSL Loop currently in service and AT&T ILLINOIS determines that an LST can be performed, AT&T ILLINOIS will contact MCIm to inform that a LST will be performed in lieu of MCIm's requested Conditioning. In such cases that AT&T ILLINOIS elects to perform an LST to resolve the identified trouble, MCIm will be billed and shall pay for such LST at the rates set forth in Appendix Pricing. If, however, the LST does not resolve the reported trouble and the trouble is determined to be an AT&T ILLINOIS network-related problem, then MCIm will not be charged the LST rate or for AT&T ILLINOIS' resolution of the trouble. If, however, the trouble is found to be a customer premises equipment ("CPE") or MCIm network or data equipment, or otherwise is found not to be an AT&T ILLINOIS network-related problem, then MCIm shall pay Maintenance of Service charges at the rates set forth in Appendix Pricing, in addition to the LST charge in the Appendix Pricing.

8. SPECTRUM MANAGEMENT

- 8.1 AT&T ILLINOIS agrees that MCIm's order for xDSL-capable Loops will not be delayed by any lack of availability of a specific binder group or "spectrum exhaust." If AT&T ILLINOIS initiates a reconfiguration of loops into a different binder group, it shall do so in a competitively neutral manner consistent with all relevant industry standards and at no cost to MCIm.
- 8.2 AT&T ILLINOIS agrees that as a part of spectrum management, it will maintain an inventory of the existing services provisioned on the cable. AT&T ILLINOIS will use commercially reasonable efforts to assign loops so as to minimize interference between and among advanced services, including xDSL-based services, and other services. AT&T ILLINOIS will not use Selective Feeder Separation (SFS). AT&T ILLINOIS has opened binder groups to all xDSL services and all xDSL providers, and will not deny any loops on the basis of binder group management designations or business rules, or limit the deployment of xDSL services to certain pair ranges (with the exception of binder groups containing AMI T1 services). AT&T ILLINOIS may not segregate xDSL technologies into designated binder groups without specific Commission or FCC review and approval, or approved industry standard. AT&T ILLINOIS shall not deny MCIm a loop based upon spectrum management issues in the absence of review and approval

from the Commission(s). In all cases, AT&T ILLINOIS will manage the spectrum in a competitively neutral manner consistent with all relevant industry standards regardless of whether the service is provided by MCIm or by AT&T ILLINOIS as well as competitively neutral as between different xDSL services. Where disputes arise, AT&T ILLINOIS and MCIm will put forth a good faith effort to resolve such disputes in a timely manner. As a part of spectrum management, AT&T ILLINOIS will maintain an inventory with respect to the number of loops using advanced services technology within a binder group and the type of technology deployed on those loops, using the PSD mask information provided by MCIm to AT&T ILLINOIS. Upon request from MCIm, AT&T ILLINOIS will disclose within 3-5 business days spectrum management 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 there is any dispute between the Parties with respect to this Section, AT&T ILLINOIS will not deny the loop(s), but will continue to provision the loop(s) until the dispute is resolved in accordance with the dispute resolution procedures set forth in this Agreement.

- 8.3 In the event that a loop technology without industry standards for spectrum management is deployed, AT&T ILLINOIS, MCIm and the specific state 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 based on the FCC, T1E1.4, and ITU spectral management rules and guidelines. These standards are to be used until such time as industry standards exist. When MCIm offers xDSL-based service consistent with mutually agreed-upon standards developed by the industry in conjunction with the specific state commission, or by the specific state commission in the absence of industry agreement, it may order local loops based on agreed-to performance characteristics. AT&T ILLINOIS will assign the local loop consistent with the agreed-to spectrum management standards.

- 8.3.1 In the event that a relevant Commission, 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 Appendix, AT&T ILLINOIS and MCIm shall 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 and shall negotiate any conforming modifications which may be needed to this Appendix.

- 8.3.2 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 applicable Commission(s) or FCC, then AT&T ILLINOIS and/or MCIm, must begin the process of bringing its deployed xDSL technologies and equipment into compliance with such standards at its own expense.

9. ACCEPTANCE TESTING

- 9.1 Intentionally Omitted
- 9.2 Should MCIm desire Acceptance Testing, it shall request such testing on a per xDSL loop basis upon issuance of the Local Service Request (LSR). Acceptance Testing will be conducted at the time of installation of the service request.

- 9.2.1 If the LSR was placed without a request for Acceptance Testing, and MCIm should determine that it is desired or needed during any subsequent phase of provisioning, the request may be added at any time; however, this may cause a new standard due date to be calculated for the service order.

9.3 Acceptance Testing Procedure:

- 9.3.1 Upon delivery of a loop to/for MCIm, AT&T ILLINOIS' field technician will call the LOC and the LOC tester will call a toll free number provided by MCIm so MCIm can initiate performance of a series of Acceptance Tests.

9.3.1.1 For IDSL or 2-wire digital loops that are not provisioned through repeaters or digital loop carriers, the AT&T ILLINOIS field technician will provide a solid short across the tip and ring of the circuit and then open the loop circuit.

9.3.1.2 For IDSL or 2-wire digital loops that are provisioned through repeaters or Digital Loop Carrier, the AT&T ILLINOIS field technician will not perform a short or open circuit due to technical limitations.

- 9.3.2 If the loop passes the "Proof of Continuity" parameters, as defined by this Appendix for DSL loops, MCIm will provide AT&T ILLINOIS with a confirmation number and AT&T ILLINOIS will complete the order. MCIm will be billed and shall pay for the Acceptance Test at the applicable rates as referenced in section 9.4.2 below.

9.3.2.1 AT&T ILLINOIS will be relieved of the obligation to perform Acceptance Testing on a particular loop and will assume acceptance of the loop by MCIm when MCIm cannot provide a "live" representative (through no answer or placement on hold) for over ten (10) minutes. AT&T ILLINOIS may then close the order utilizing existing procedures, document the time and reason, and may bill MCIm and MCIm shall pay the minimum charges as if the Acceptance Test had been completed and the loop accepted, referenced in section 9.4.2 below.

- 9.3.3 If the Acceptance Test fails loop Continuity test parameters, as defined by this Appendix for DSL loops, the LOC technician will take any or all reasonable steps to immediately resolve the problem with MCIm 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 MCIm representative, and perform the work necessary to correct the situation. Once the loop is correctly provisioned, AT&T ILLINOIS will re-contact the MCIm representative to repeat the Acceptance Test. When the aforementioned test parameters are met, MCIm will provide AT&T ILLINOIS with a confirmation number and AT&T ILLINOIS will complete the order. If MCIm xDSL service does not function as desired, yet test parameters are met, AT&T ILLINOIS will still close the order. AT&T ILLINOIS will not complete an order that fails Acceptance Testing.

- 9.3.4 Until such time as MCIm and AT&T ILLINOIS agree, or industry standards establish, that their test equipment can accurately and consistently send signals through repeaters or Digital Loop Carriers, MCIm agrees to accept IDSL or 2-wire digital loops, designed with such reach extenders, without testing the complete circuit. Consequently, AT&T ILLINOIS agrees that should MCIm open a trouble ticket and an AT&T ILLINOIS network fault be found by standard testing

procedures on such a loop within ten (10) business days (in which it is determined by standard testing to be an AT&T ILLINOIS fault), AT&T ILLINOIS, upon MCIm request, will adjust MCIm's bill to refund the recurring charge of such a loop until the fault has been resolved and the trouble ticket is closed.

9.3.5 Intentionally Omitted.

9.3.6 If, however, a trouble ticket is opened on the loop within twenty-four (24) hours and the trouble resulted from AT&T ILLINOIS error as determined through standard testing procedures, MCIm will be credited for the cost of the Acceptance Test. Additionally, MCIm may request AT&T ILLINOIS to re-perform the Acceptance Test at the conclusion of the repair phase again at no charge.

9.3.7 Both Parties declare they will work together, in good faith, 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 Appendix or any Public Utilities Commission or FCC ordered tariff, the Parties will negotiate terms and conditions to implement such additional testing, procedures and/or standards. Additional charges may apply if any accepted changes in Acceptance Testing procedures require additional time and/or expense.

9.4 Acceptance Testing Billing

9.4.1 MCIm will be billed for Acceptance Testing of this Appendix for xDSL Loops that are installed correctly by the committed interval without the benefit of corrective action due to Acceptance Testing.

9.4.2 MCIm shall pay Maintenance of Service charges on a time and material basis, in 30-minute increments, for the AT&T ILLINOIS technician time involved, pursuant to the applicable, regional FCC tariffed rates set forth in Sections 13.3.4 (c)(1)(a) of FCC No. 2; provided, however, the tariffed rates shall be deemed to be automatically revised and updated in the event that the referenced tariffed rates are modified during the term of this Agreement. If requested by MCIm, Overtime or Premium time charges will apply for requests in off-hours at overtime time charges calculated at one and one half times the standard price and premium time being calculated at two times the standard price.

10. COOPERATIVE TESTING

10.1 Intentionally Omitted.

10.2 Should MCIm desire Cooperative Testing it shall request such testing on a trouble ticket on each xDSL capable loop upon issuance of the trouble ticket.

10.3 If the trouble ticket was opened without a request for Cooperative Testing, and MCIm should determine that it is desired or needed during any subsequent phase of maintenance and repair, the request may be added; however, a new due date will be calculated to account for the additional work.

10.4 Cooperative Testing Procedure

10.4.1 The AT&T ILLINOIS field technician will call the LOC and the LOC will contact MCIm for test and resolution of the trouble ticket and to verify basic metallic loop parameters including proof of continuity and pair balance.

- 10.4.2 If the loop passes the “Proof of Continuity” parameters, as defined by this Appendix for DSL capable loops, the technician will close out the trouble report and the LOC will bill and MCI will pay for the cooperative testing as referenced in section 9.4.2 above.
- 10.4.3 If the Cooperative testing fails “Proof of Continuity” parameters, as defined by this Appendix for DSL capable loops, the LOC technician will take any reasonable steps to immediately resolve the problem with MCI 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 MCI representative, and perform the work reasonably necessary to bring the loop to standard continuity parameters as defined by this Appendix for xDSL capable loops. When the aforementioned test parameters are met, the LOC will contact MCI for another cooperative testing.
- 10.4.4 AT&T ILLINOIS will be relieved of the obligation to perform Cooperative Testing on a particular loop and will assume acceptance of the loop by MCI when MCI cannot provide a “live” representative (through no answer or placement on hold) for over ten (10) minutes. AT&T ILLINOIS may then close the order utilizing existing procedures, document the time and reason, and may bill MCI and MCI shall pay the minimum charges as if the Cooperative Test had been completed and the loop accepted, as referenced in section 9.4.2.

11. RATES

- 11.1 See Appendix Pricing. Conditioning for xDSL loops less than 12,000 feet in Actual Loop Length are at no charge.

12. INTENTIONALLY OMITTED

13. OPERATIONAL SUPPORT SYSTEMS: LOOP MAKEUP INFORMATION AND ORDERING

- 13.1 General: AT&T ILLINOIS will provide MCI with nondiscriminatory access by electronic or manual means, to its loop makeup information set forth in its Plan of Record. Loop makeup data will be provided as set forth below. MCI will be given nondiscriminatory access to the same loop makeup information that AT&T ILLINOIS is providing any other CLEC and/or AT&T ILLINOIS' retail operations or its advanced services affiliate in Illinois
- 13.2 Intentionally Omitted.
- 13.3 Loop Qualification: Subject to Section 13.1 above, AT&T ILLINOIS' uniform GUI (e.g., Verigate and DataGate in regions where Verigate/DataGate are generally available for use with xDSL-based or other advanced services) and application to application OSS interfaces allow MCI, as well as AT&T ILLINOIS' retail operations or its advanced services affiliate(s), to have near real time electronic access to the loop makeup information. As more particularly described below, this loop makeup information will be categorized by two separate pricing elements: mechanized and manual. AT&T ILLINOIS shall also provide MCI with access to electronic loop qualification information during the preorder process, at no charge. However, if MCI submits a service order the appropriate loop qualification charges set forth in the Appendix Pricing shall apply.
- 13.4 Mechanized Loop Qualification: Mechanized loop qualification includes data that is available electronically and provided via an electronic system. Electronic access to loop

makeup data through the OSS enhancements described above will return information in all fields described in SBC's Plan of Record when such information is contained in AT&T ILLINOIS' electronic databases. MCIIm will be billed and shall pay a mechanized loop qualification charge for each xDSL capable loop order submitted at the rates set forth in Appendix Pricing.

- 13.5 Manual Loop Qualification: Manual loop qualification includes all fields as described in SBC-ILLINOIS' Plan of Record, when available. MCIIm will be billed a manual loop qualification charge for each manual loop qualification requested at the rates set forth in the Pricing Schedule.
- 13.6 Both categories of Loop qualification (mechanized and manual) are subject to the following:
 - 13.6.1 Loops Less Than 12,000 Feet in Actual Loop Length: If load coils, repeaters or excessive bridged tap are present on a loop less than 12,000 feet in Actual Loop Length, Conditioning to remove these elements will be performed without request and at no charge to MCIIm.
 - 13.6.2 If MCIIm elects to have AT&T ILLINOIS provide loop makeup through a manual process for information not available electronically, then the loop qualification interval will be not more than three (3) business days, or the interval provided to any of its affiliates in AT&T ILLINOIS providing advance services, whichever is less.
 - 13.6.3 Loops 12,000 Feet or Greater in Actual Loop Length: If the results of the loop qualification indicate that Conditioning is available on a loop that is 12,000 feet in actual loop length or greater, MCIIm may request that none of the recommended loop Conditioning be performed or that AT&T ILLINOIS perform some or all of the recommended loop Conditioning to remove Excessive Bridged Tap(s), load coil(s) and/or repeater(s) at the rates set forth in the Pricing Schedule.
- 13.7 Where actual loop make-up information is not available, AT&T ILLINOIS will provide designed loop provisioning information via Verigate, DataGate, EDI and CORBA.
- 13.8 The Parties agree that in accordance with FCC requirements and Advanced Services POR collaboratives, AT&T ILLINOIS will provide MCIIm with non-discriminatory access to AT&T ILLINOIS' loop make-up information as set forth in this section 13.8. The loop qualification data elements provided by AT&T ILLINOIS shall be provided at parity with what AT&T ILLINOIS provides itself, any of its affiliates in ILLINOIS providing advanced services and other CLECs and shall include but not limited to the following fields:
 - 13.8.1 Loop length
 - 13.8.2 Loop length by segment
 - 13.8.3 Length by gauge
 - 13.8.4 26 gauge equivalent loop length (calculated)
 - 13.8.5 Presence of load coils
 - 13.8.6 Quality of load coils (if applicable)
 - 13.8.7 Presence of bridged taps
 - 13.8.8 Length of bridged taps (if applicable)
 - 13.8.9 Presence of pair gain devices, DLC, and/or DAML
 - 13.8.10 Qualification status of the loop based on specified PSD, if no PSD class is specified, the default PSD is class 5 (ADSL)
 - 13.8.11 Presence of repeaters
 - 13.8.12 Location of repeaters

- 13.8.13 Type of repeaters
- 13.8.14 Quantity of repeaters
- 13.8.15 Type of Plant (aerial or buried)
- 13.8.16 Type of Loop (copper or fiber)
- 13.8.17 Portion that is copper or fiber
- 13.8.18 Length that is copper or fiber
- 13.8.19 Availability of spare facilities
- 13.8.20 Quantity of bridged tap by occurrence
- 13.8.21 Location of bridged tap by occurrence
- 13.8.22 Quantity of Low pass filters
- 13.8.23 Location of Low pass filters
- 13.8.24 Quantity of Range extenders
- 13.8.25 Location of Range extenders
- 13.8.26 Number of gauge changes
- 13.8.27 Location of pair gain devices
- 13.8.28 Location of DLC
- 13.8.29 Quantity of DLCs
- 13.8.30 Location of RSU (Remote Switching Unit)
- 13.8.31 Type of RSU (Remote Switching Unit)
- 13.8.32 Resistance Zone

Exhibit A

xDSL Technologies Presumed Acceptable for Deployment

The technologies listed in this Exhibit A are Presumed Acceptable for Deployment. This list should be expanded as additional services are deployed, or industry standards developed. As standards are developed or updated, these standards shall automatically be incorporated by a reference as if fully set forth herein.

The following technologies currently have a national standard in place:

Technology	Standard
ADSL	ATIS T1.413 1998 (Issue 2), T1.423, ITU 992.1
SHDSL	ATIS T1.422, ITU G.991.2
SDSL	(2B1Q) ITU 991.1
IDSL	ATIS T1.601
HDSL	ATIS TR28/ITU 991.1
HDSL2	ATIS T1.418
VDSL	ATIS T1.424
RADSL	no national standard
MVL	no national standard
G.Lite	ATIS T1.419/ITU G.991.2

The following technologies have been successfully deployed with no apparent degradation of the performance of other services although speeds are not guaranteed by AT&T ILLINOIS.

SDSL	160 kb/s - 784 kb/s
SDSL	1.0 – 1.5 Mb/s

ATTACHMENT YELLOW ZONE ORDERING PROCESS (YZP)

1. INTRODUCTION

- 1.1 This Attachment YZP sets forth terms and conditions for the Yellow Zone Process ("YZP"), an ordering process which, at MCIm's option, applies to xDSL Loops, and the High Frequency Portion of the Loop ("HFPL") as applicable, which are central office DSLAM-based only with an Actual Loop Length of 17,500 feet or less, as provided in more detail below. YZP is not available for facilities that are provisioned via a Remote Terminal (RT) in conjunction with AT&T ILLINOIS' hybrid copper/fiber architecture (e.g., SBC's Broadband Service offering(s) or any successor offering(s).
- 1.2 Intentionally Omitted.
- 1.3 MCIm may use AT&T ILLINOIS' Removal of All and Non-Excessive Bridged Tap ("RABT") set forth in Attachment RABT YZP of this Appendix xDSL in conjunction with the Yellow Zone Process ("YZP").
- 1.4 AT&T ILLINOIS shall provide MCIm with access to the YZP ordering process on a non-discriminatory basis and at parity with the YZP ordering process it provides to itself, or any of its affiliates in ILLINOIS providing advanced services and other CLECs.

2. DEFINITIONS

In addition to the definitions in Appendix xDSL, Line Sharing, and Definitions, the following definitions shall apply to this Attachment YZP.

- 2.1 "Non-excessive bridged tap" as used herein shall refer to bridged taps less than 2,500 feet in total length.
- 2.2 "Sync Test" as used herein shall refer to the procedures used by MCIm, when MCIm's provided test equipment, verifies there is communication, or "sync", from MCIm's collocated DSLAM to the last cable pair leaving the AT&T ILLINOIS Central Office to the End-User premises.

3. YZP OFFERING

- 3.1 Provisioning Process:
 - 3.1.1 MCIm will provide AT&T ILLINOIS with the type of technology it seeks to deploy at the time of ordering, including the PSD of the xDSL technology MCIm intends to deploy. If the technology does not fall within an existing PSD mask, then the YZP process set forth in this Attachment shall not apply.
 - 3.1.2 MCIm will order eligible HFPL, or xDSL Loops, using the Loop Specification Code (SPEC code) or Loop Modification Type (LMT) designated for the YZP process.
 - 3.1.3 MCIm may choose to do a mechanized loop qualification prior to placing an initial order via the YZP process, but no manual loop qualification requests shall be submitted when MCIm is utilizing the YZP process.
 - 3.1.4 AT&T ILLINOIS shall provision orders submitted using the YZP process within three (3) business days for HFPL and five (5) business days for xDSL Loops.

3.2 Maintenance Process

3.2.1 The initial YZP service order must have completed and closed prior to the opening of a YZP trouble ticket as a result of MCIm experiencing a situation in which its DSLAM will not communicate with the end user customer premises. In such event, MCIm shall choose one of the two options set forth below:

3.2.1.1 OPTION 1: Trouble Ticket

3.2.1.1.1 MCIm may generate a trouble ticket with AT&T ILLINOIS' Local Operations Center (LOC) identifying the reason why MCIm is experiencing a situation in which its DSLAM will not communicate with the end user customer premises based on maintenance assurance procedures set forth elsewhere in this Agreement, and subject to the terms and conditions set forth herein. Based on MCIm's own testing, the YZP trouble ticket may be conditioning related. The AT&T ILLINOIS LOC will analyze MCIm provided test results and try to determine why MCIm's DSLAM is not communicating with the end user customer premises and will attempt to resolve the trouble by addressing any non-conditioning related reason (to the extent one exists) on AT&T ILLINOIS' side of the network, and/or by conditioning the facility as needed. On YZP-related trouble tickets, AT&T ILLINOIS will offer a five (5) business day interval from the time MCIm submits the trouble ticket.

3.2.1.1.2 AT&T ILLINOIS' LOC may elect to perform Line Station Transfers ("LSTs") in lieu of conditioning when conditioning is not available. The rates for LSTs are set forth in Appendix Pricing of this Agreement.

3.2.1.1.3 On loops with Actual Loop Lengths between 12,000 and 17,500 feet, if the xDSL Loop, HFPL has been ordered using the YZP process, AT&T ILLINOIS will use that YZP designation and MCIm's opening of a trouble ticket as authorization from MCIm for AT&T ILLINOIS to perform the requested conditioning on the xDSL Loop, the HFPL or the HFPCL, including whatever work AT&T ILLINOIS believes is necessary to make the loop work utilizing applicable industry standards, including ANSI T1.417. No separate, loop specific authorization to condition a loop will be required by AT&T ILLINOIS from MCIm, after the initial YZP trouble ticket is opened. MCI will then be billed and shall pay the applicable conditioning charges pursuant to the rates, terms and conditions set forth elsewhere in this Agreement.

3.2.1.2 OPTION 2: Disconnect

3.2.1.2.1 MCIm may cancel an order by issuing an LSR requesting a disconnect prior to submitting any trouble ticket (i.e., when MCIm is utilizing the YZP process and wishes to avail itself of this Option 2, MCIm shall request a disconnect at the time it determines its DSLAM will not communicate with the end user customer premises on a completed service order). In the event that MCIm submits an Option 1 trouble ticket but subsequently decides to request an Option 2 disconnect, MCIm shall pay applicable charges for work actually performed by AT&T ILLINOIS, (including without limitation, the loop conditioning charges set forth elsewhere in this Agreement to the extent

that AT&T ILLINOIS has performed any preparatory work for the loop conditioning and/or has performed any loop conditioning work in response to MCIm's trouble ticket) prior to the issuance of the disconnect order.

3.3 Maintenance /Service Assurance

3.3.1 AT&T ILLINOIS will provide resolution of MCIm-referred YZP trouble tickets for xDSL Loops, the HFPL in parity with the repair intervals AT&T ILLINOIS provides to itself, any of its affiliates in Texas providing advanced services affiliates and other CLECs.

3.3.2 Prior to opening a YZP trouble ticket, MCIm shall verify the DSLAM is built properly, check the logical translations, perform a loop back test from its DSLAM, ensure proper routing, profile, and modem settings and shall confirm that the problem is not MCIm-related.

3.3.3 MCIm shall pay Maintenance of Service charges on a time and material basis, in 30-minute increments, associated with any YZP-related trouble ticket dispatch pursuant to the FCC tariffed rates set forth in Section 5 below, if:

3.3.3.1 the YZP trouble ticket is opened, and it is later determined by AT&T ILLINOIS to be a 'No Trouble Found' (NTF) in AT&T ILLINOIS' portion of the network; or

3.3.3.2 the loop specific inhibitor information provided by MCIm to AT&T ILLINOIS requires a dispatch by AT&T ILLINOIS but is found to be incorrect upon subsequent investigation by AT&T ILLINOIS during the trouble ticket resolution process; or

3.3.3.3 a retrip is involved with a YZP trouble ticket (when MCIm notifies AT&T ILLINOIS that the loop is not working properly after initial trouble resolution), and there is NTF by AT&T ILLINOIS in AT&T ILLINOIS' portion of the network; or

3.3.3.4 the need for a vendor meet is agreed upon by AT&T ILLINOIS and the MCIm technician is not equipped properly at the vendor meet site or MCIm's Technician is not at the site at the scheduled time or within ten (10) minutes thereafter.

3.3.3.5 AT&T ILLINOIS shall pay Time and Material Charges (maintenance of service charges/additional labor charges) when, in the course of resolving a YZP trouble ticket, AT&T ILLINOIS requires MCIm to dispatch personnel to the end user customer's premises or a Central Office and the trouble was not caused by MCIm's facilities or equipment. Such Time and Material Charges will include all technicians dispatched, including technicians dispatched to other locations for purposes of testing. Rates of Time and Material charges will be billed at amounts equal to those contained in Appendix Pricing.

3.4 MCIm can open a YZP-related Trouble Ticket by one of the following methods:

3.4.1 Via Live Call: MCIm can call AT&T ILLINOIS' LOC and open a manual ticket through the call center and in such case, shall identify that the original order was YZP related and whether the trouble ticket is a conditioning related trouble ticket or not; or

- 3.4.2 Via an Electronic Bonding Ticket: MCIm can open an electronic bonding ticket and in opening such a ticket, shall note in the 'Remarks' field that the ticket is an YZP-related trouble ticket.
- 3.5 Trouble Tickets where MCIm Identifies Possible Conditioning-Related Trouble:
- 3.5.1 In those instances where MCIm's test results indicate (which, in accordance with Section 4.5 below, should include the quantity and location of the number of load coils, repeaters and excessive bridged tap), that the cause of a trouble ticket may be conditioning related, irrespective of whether MCIm submits its YZP trouble ticket to AT&T ILLINOIS via live call or an electronic bonding ticket, then MCIm shall note on its trouble ticket that the cause of the trouble is possibly conditioning related. The identification by the MCIm of a possible conditioning-related trouble on its trouble ticket will allow the AT&T ILLINOIS LOC or to convert it to a YZP conditioning type ticket immediately after checking for potential non-conditioning causes of physical fault on the xDSL Loop, the HFPL and for AT&T ILLINOIS to perform loop conditioning which may be needed to resolve the reported trouble. Ticket conversions to YZP type may include opening a new ticket if AT&T ILLINOIS physical faults were found and cleared on the original trouble report, and MCIm testing indicates conditioning is still required.
- 3.5.2 Loops less than 12,000 feet in Actual Loop Length: Irrespective of whether the trouble ticket is opened via live call or an electronic bonding ticket, if MCIm opens the trouble ticket as a possible conditioning related trouble ticket associated with an xDSL Loop, HFPL that was ordered via the YZP process with an Actual Loop Length less than 12,000 feet, AT&T ILLINOIS will contact and provide MCIm with status after any necessary loop conditioning has been performed by AT&T ILLINOIS. AT&T ILLINOIS shall not charge MCIm for conditioning loops with an actual loop length of less than 12,000 feet.
- 3.5.3 Conditioning. If MCIm issues a YZP trouble ticket for an xDSL Loop, HFPL loop between 12,000 and 17,500 feet, AT&T ILLINOIS will use that YZP designation and the initiation of the trouble ticket by MCIm as authorization to perform any Loop conditioning for that Loop. MCIm will then be billed and shall pay the applicable conditioning charges pursuant to the rates, terms and conditions set forth in Appendix Pricing of this Agreement.
- 3.5.4 If MCIm requests removal of all or non-excessive bridged taps, such request shall be made pursuant to the terms and conditions of the Removal of All or Non-Excessive Bridged Tap ("RABT") Attachment of this Agreement.
- 3.5.5 If MCIm requests that AT&T ILLINOIS perform any loop Conditioning beyond that which is covered under this Attachment or elsewhere in the Agreement, the Parties shall meet to negotiate rates, terms and conditions for any such Conditioning. If there are any disputes between the parties as to the provisions for any additional type(s) of Conditioning after negotiations, then any outstanding disputes will be resolved in accordance with the Dispute Resolution Procedures set forth elsewhere in this Agreement.
- 3.6 Trouble Tickets where MCIm Does Not Identify Conditioning as a Possible Source of the Trouble:
- 3.6.1 If MCIm opens a YZP trouble ticket that does not identify conditioning as the source of the trouble, the AT&T ILLINOIS LOC will handle the ticket pursuant to the method applicable to other repair tickets and will look for physical faults. If no fault is found, the LOC will contact MCIm so that MCIm can conduct its own Sync test. If MCIm's DSLAM does not communicate with the end user customer premises, MCIm shall open another trouble ticket to address any conditioning that MCIm believes may be required on the xDSL Loop, HFPL, subject to the provisions set forth herein.

- 3.6.2 If MCIm opens a YZP trouble ticket that does not identify conditioning on the xDSL Loop, HFPL loop as the source of the trouble's but AT&T ILLINOIS later determines that there is a conditioning-related problem, AT&T ILLINOIS shall convert the ticket to a YZP conditioning ticket and the process set forth in Section 3.5 above shall apply, depending upon the actual loop length. A five (5) business day interval will apply to complete the conditioning on the loop, which shall begin the day after it is determined to be a conditioning related problem by AT&T ILLINOIS.
- 3.7 If a physical fault is found and resolved in response to the initial YZP trouble ticket, the trouble ticket will be closed and MCIm notified, unless the ticket was initially classified as a conditioning related YZP ticket.
- 3.8 Trouble ticket status will be provided to MCIm by AT&T ILLINOIS as follows:
- 3.8.1 Trouble Tickets Opened via Live Call: If the YZP trouble ticket is opened with a live call (as provided for in Section 3.4.1 above) by MCIm to AT&T ILLINOIS. AT&T Texas will not provide ticket status until the trouble has been resolved.
- 3.8.2 Trouble Tickets Opened Via an Electronic Bonding Ticket: If the YZP trouble ticket is opened via an electronic bonding ticket (as provided for in Section 3.4.2 above) where MCIm's DSLAM does not communicate with the end user customer premises, an electronic status/acknowledgement will be provided by AT&T ILLINOIS to MCIm within eight (8) business hours from receipt of the trouble ticket. If AT&T ILLINOIS determines that the trouble is conditioning related, AT&T ILLINOIS shall convert the straight xDSL Loop, HFPL YZP trouble ticket to a YZP conditioning-related trouble ticket.
- 3.8.3 In all cases, the AT&T ILLINOIS LOC will notify MCIm as soon as the trouble is isolated, resolved and closed, whether conditioning has been performed or not.
- 3.9 Post Trouble Resolution Sync Testing By MCIm:
- 3.9.1 After MCIm is notified that the trouble has been resolved, with or without loop conditioning, MCIm shall repeat its Sync Test between its DSLAM and the end user customer premises. If the Loop does not sync, due to undetermined reasons, a second trouble ticket shall be opened by MCIm which will be governed by the same provisions set forth above.
- 3.10 When MCIm escalates a YZP trouble ticket, the Parties shall follow existing repair escalation procedures set forth elsewhere in this Agreement and to the extent not outlined in this Agreement, the standard escalation processes outlined on AT&T ILLINOIS' CLEC online website shall apply.

4. TESTING

- 4.1 AT&T ILLINOIS will not perform a Line Sharing Turn-Up Test prior to the completion of an HFPL ordered using the YZP process.
- 4.2 MCIm may not request, and AT&T ILLINOIS will not perform, Acceptance Testing in association with any xDSL Loops, HFPLs which are ordered by MCIm via the YZP process.
- 4.3 For xDSL Loops only, MCIm has the option of requesting Cooperative Testing pursuant to the rates, terms and conditions set forth in Appendix xDSL of this Agreement, at the time it opens the YZP trouble ticket. MCIm may not request and AT&T ILLINOIS will not perform a Cooperative Test on an HFPL for which MCIm has opened a trouble ticket via the YZP Process.

- 4.4 MCIIm shall assist in trouble isolation on trouble tickets for the YZP by obtaining and providing to AT&T ILLINOIS disturber information on the Loop at the time of opening the trouble ticket. For best results, MCIIm is encouraged to provide its field technician with appropriate test sets that can detect and detail the presence of the following: the number and location of load coil(s), repeater(s) and of sections of bridged tap (including the lengths of such section(s)).
- 4.5 AT&T ILLINOIS will not specify to MCIIm the type of test equipment or the specific tests to use for determining the presence of inhibitors. MCIIm will determine its own test requirements and capabilities.

5. PRICING

- 5.1. MCIIm shall pay Maintenance of Service charges on a time and material basis, in 30-minute increments, associated with any YZP-related trouble ticket dispatch pursuant to Section 13.2.6 of the FCC No. 2 tariff; provided, however, the referenced tariff rates shall be deemed to be automatically revised and updated in the event that the referenced tariffed rates are modified during the term of this Agreement.

6. INTENTIONALLY OMITTED

APPENDIX TRANSIT TRAFFIC SERVICE

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1. INTRODUCTION

- 1.1 This Transit Traffic Service Appendix ("Appendix") sets forth the rates, terms and conditions of AT&T ILLINOIS' Transit Traffic Service as a Transit Service Provider. AT&T ILLINOIS' Transit Traffic Service Appendix sets forth the provisions of interconnection services to other Telecommunications Service providers whereby the Telecommunications traffic does not originate with (or terminate to) the Transit Service Provider's End User Customer. Transit Traffic Service allows MCIm to exchange traffic with a Third Party Terminating Carrier to which it is not directly interconnected.
- 1.2 This Appendix incorporates the provisions of a transiting arrangement as it relates to AT&T ILLINOIS' provision of Transit Traffic Service as a Transit Service Provider to interconnected Competitive Local Exchange Carriers (CLECs) or to interconnected Out of Exchange Local Exchange Carriers (OE LECs) (*i.e.*, carriers that interconnect with AT&T ILLINOIS' network but operate and/or provide Telecommunications Services outside of AT&T ILLINOIS' incumbent local exchange area).
- 1.3 Transit Traffic Service is a service provided by AT&T ILLINOIS to MCIm where MCIm is directly interconnected with an AT&T ILLINOIS Tandem. AT&T ILLINOIS neither originates nor terminates Transit Traffic on its network, but acts only as an intermediary. For the purposes of this Appendix, Transit Traffic Service is a service that is limited to Section 251(b)(5) Traffic, ISP-Bound Traffic, IntraLATA Toll Traffic, and 800 IntraLATA Toll Traffic (as defined in Sections 2.1 through 2.4 below) destined to the End User Customers of a Third Party Terminating Carrier (*i.e.*, Competitive Local Exchange Carriers, Incumbent Local Exchange Carriers, Commercial Mobile Radio Service (CMRS) providers or Out-of Exchange Local Exchange Carriers, but specifically excluding Interexchange Carriers) ("Third Party Terminating Carrier"), and is routed utilizing an AT&T ILLINOIS tandem switch where an AT&T ILLINOIS End User Customer is neither the originating nor the terminating party.

2. DEFINITIONS

- 2.1 "800 IntraLATA Toll Traffic" is defined as traffic that originates from MCIm's End User Customer that utilizes a dialing sequence that invokes toll-free, 800-like, service processing, that terminates to an End User Customer served by a Third Party Terminating Carrier, whereby the Third Party Terminating Carrier is both the Section 251(b)(5) Traffic Provider and the IntraLATA toll provider (not sent through an IXC or an intermediary). "800 IntraLATA Toll Traffic" includes but is not limited to calls placed to 800, 877, 888, ("8YY") NPA Service Access Codes (SAC).
- 2.2 "ISP-Bound Traffic" is as defined in Appendix Reciprocal Compensation.
- 2.3 "IntraLATA Toll Traffic" is defined as traffic exchanged between MCIm's End User Customers and the End User Customers of a Third Party Terminating Carrier which subtends an AT&T ILLINOIS Tandem, whereby the Transit Traffic originates in one mandatory local calling area and terminates in a different mandatory local calling area but where both mandatory local calling areas are within the same LATA. Such IntraLATA Toll Traffic must terminate to a Third Party Terminating Carrier's End User Customer, whereby the Third Party Terminating Carrier is both the Section 251(b)(5) Traffic Provider and the

IntraLATA toll provider (not sent through an IXC or an intermediary). For purposes of this Appendix, traffic between MCIm's End User Customers that subscribe to one-way or two-way Optional Extended Area Service (Optional EAS) and the End User Customer of a Third Party Terminating Carrier that is within the AT&T ILLINOIS local or mandatory exchanges that are covered by an Optional EAS Plan will be treated as IntraLATA Toll Traffic.

- 2.4 "Section 251(b)(5) Traffic" is as defined in Appendix Reciprocal Compensation, with the addition that for Section 251(b)(5) Traffic exchanged between MCIm's End User Customers and the End User Customers of a CMRS provider that terminates the call, such traffic shall originate and terminate within the same Major Trading Area (MTA) as defined in 47 CFR§ 24.202(a).
- 2.5 "Third Party Originating Carrier" means a Telecommunications Carrier (e.g., Competitive Local Exchange Carrier (CLEC), Incumbent Local Exchange Carrier (ILEC), Commercial Mobile Radio Service (CMRS) provider or Out-of Exchange Local Exchange Carrier (OE-LEC)) that originates Transit Traffic that transits AT&T ILLINOIS' network and is delivered to MCIm.
- 2.6 "Third Party Terminating Carrier" means a Telecommunications Carrier to which traffic is terminated when MCIm uses AT&T ILLINOIS' Transit Traffic Service (e.g., Competitive Local Exchange Carrier (CLEC), Incumbent Local Exchange Carrier (ILEC), Commercial Mobile Radio Service (CMRS) provider or Out-of Exchange Local Exchange Carrier (OELEC)).
- 2.7 "Transit Service Provider" means AT&T ILLINOIS when providing its Transit Traffic Service.
- 2.8 "Transit Traffic" means all Section 251(b)(5) Traffic, ISP-Bound Traffic, IntraLATA Toll Traffic, CMRS provider-bound traffic and/or 800 IntraLATA Toll Traffic delivered via the Transit Traffic Service.

3. RESPONSIBILITIES OF THE PARTIES

- 3.1 Intentionally omitted.
- 3.2 AT&T ILLINOIS will provide MCIm with AT&T ILLINOIS' Transit Traffic Service to deliver Section 251(b)(5) Traffic, ISP-Bound Traffic, IntraLATA Toll Traffic, CMRS provider-bound traffic and/or 800 IntraLATA Toll Traffic to all Third Party Terminating Carriers with whom AT&T ILLINOIS is interconnected in the LATA, or outside of the LATA when a LATA boundary waiver exists.
- 3.3 A Transit Traffic Service rate applies to all traffic that originated on MCIm's network, transits AT&T ILLINOIS' network and terminates to a Third Party Terminating Carrier's network. The Transiting rate is only applicable when calls do not originate with (or terminate to) an AT&T ILLINOIS End User Customer.
- 3.4 MCIm shall route appropriate traffic (i.e., only traffic to End Offices that subtend that Tandem or Transit Traffic) to the respective AT&T ILLINOIS Tandems on the Trunk Groups defined below. AT&T ILLINOIS shall route appropriate traffic to MCIm switches on the Trunk Groups defined below.
- 3.5 The rates that AT&T ILLINOIS shall charge MCIm for the Transit Traffic Service is outlined in Section 4.0, below.

- 3.6 MCIm has the sole obligation to enter into traffic compensation arrangements with Third Party Terminating Carriers prior to delivering traffic to AT&T ILLINOIS for transiting to such Third Party Terminating Carriers. In no event will AT&T ILLINOIS have any liability to MCIm or any Third Party if MCIm fails to enter into such traffic compensation arrangements. In the event MCIm originates traffic that transits AT&T ILLINOIS' network to reach a Third Party Terminating Carrier with whom MCIm does not have a traffic compensation arrangement, then MCIm will indemnify, defend and hold harmless AT&T ILLINOIS against any and all Losses including, without limitation, charges levied by such Third Party Terminating Carrier. The Third Party Terminating Carrier and AT&T ILLINOIS will bill their respective charges directly to MCIm. AT&T ILLINOIS will not be required to function as a billing intermediary, e.g. clearinghouse. Under no circumstances will AT&T ILLINOIS be required to pay any termination charges to the Third Party Terminating Carrier.
- 3.7 MCIm shall not charge AT&T ILLINOIS when AT&T ILLINOIS provides Transit Traffic Service as the Transit Traffic Provider for calls terminated to MCIm.
- 3.8 Each Party to this Appendix will be responsible for the accuracy and quality of its data submitted to the other Party.
- 3.9 MCIm will be responsible for sending the Calling Party Number (CPN) for calls originating on its network and passed to the network of a Third Party Terminating Carrier from AT&T ILLINOIS serving as the Transit Traffic Provider. Where AT&T ILLINOIS is providing the Transit Traffic Service as defined in Section 1.3 above, AT&T ILLINOIS will pass the Calling Party Number (CPN), if it is received from MCIm. If the CPN is not received from the MCIm, AT&T ILLINOIS can not forward the CPN and MCIm will indemnify, defend and hold harmless AT&T ILLINOIS from any and all Losses arising out of the failure of any traffic transiting AT&T ILLINOIS' network to have CPN.
- 3.10 When AT&T ILLINOIS, operating as a Transit Service Provider, transits Section 251(b)(5) Traffic, ISP-Bound Traffic, IntraLATA Toll Traffic, CMRS provider-bound traffic and/or 800 IntraLATA Toll Traffic to MCIm from a Third Party Originating Carrier, AT&T ILLINOIS agrees to pass the originating CPN information to MCIm as provided by the Third Party Originating Carrier.
- 3.11 For all Transit Traffic as defined in Section 2.15 above, MCIm shall provide CPN as defined in 47 C.F.R. § 64.1600(c) ("CPN") and shall not strip, alter, modify, add, delete, change, or incorrectly assign any CPN. If AT&T ILLINOIS or Third Party Terminating Carrier identifies improper, incorrect, or fraudulent use of local exchange services or identifies stripped, altered, modified, added, deleted, changed, and/or incorrectly assigned CPN, MCIm agrees to cooperate to investigate and take corrective action. If MCIm is passing CPN but AT&T ILLINOIS or Third Party Terminating Carrier is not properly receiving information, MCIm will work cooperatively to correct the problem.
- 3.12 MCIm shall provide all SS7 signaling information including, without limitation, charge number and originating line information ("OLI"). For terminating Feature Group D traffic ("FGD"), AT&T ILLINOIS will pass all SS7 signaling information including, without limitation, CPN if it receives CPN from FGD carriers. All privacy indicators will be honored. Where available, network signaling information such as transit network selection ("TNS") parameter, carrier identification codes ("CIC") (CCS platform) and CIC/OZZ information (non-SS7 environment) will be provided by MCIm wherever such information is needed for

call routing or billing. The Parties will follow all OBF adopted standards pertaining to TNS and CIC/OZZ codes.

- 3.13 The Third Party Originating Carrier is responsible for sending the CPN for calls originating on its network and passed to the network of MCIm from AT&T ILLINOIS serving as the Transit Traffic Provider. Where AT&T ILLINOIS is providing a Transit Traffic Service as defined in Section 2.0 above, AT&T ILLINOIS will pass the Calling Party Number (CPN), if it is received from a Third Party Originating Carrier. If the CPN is not received from the Third Party Originating Carrier, AT&T ILLINOIS can not forward the CPN; therefore, MCIm will indemnify, defend and hold harmless AT&T ILLINOIS from any Losses, according to Section 3.7 above. If AT&T ILLINOIS or MCIm identifies stripped, altered, modified, added, deleted, changed, and/or incorrectly assigned CPN from Third Party Originating Carrier, MCIm agrees to cooperate to work with Third Party Originating Carrier to investigate and take corrective action. If Third Party Originating Carrier is passing CPN but AT&T ILLINOIS or MCIm is not properly receiving information, MCIm will work cooperatively to correct the problem.
- 3.14 MCIm agrees to seek terminating compensation directly from the Third Party Originating Carrier. AT&T ILLINOIS, as the Transit Service Provider will not be obligated to pay for Transit Traffic as the default originator.

4. TRANSIT TRAFFIC RATE APPLICATION

- 4.1 The Transit Traffic Services rate applies to all Minutes of Use ("MOUs") when MCIm sends Section 251(b)(5) Traffic, ISP-Bound Traffic, IntraLATA Toll Traffic, CMRS provider-bound traffic and/or 800 IntraLATA Toll Traffic to a Third Party Terminating Carrier's network through AT&T ILLINOIS' tandem switch where an AT&T ILLINOIS End User Customer is neither the originating nor the terminating party. MCIm agrees to compensate AT&T ILLINOIS operating as a Transit Service Provider as defined in Section 1.3 at the applicable rates set forth in Appendix Pricing and as specified in Section 4.2 below.
- 4.2 Rate Elements - the following rate elements apply, but the corresponding rates are specified in Appendix Pricing:
- 4.2.1 Tandem Switching - Compensation for the use of AT&T ILLINOIS' Tandem Switch, and
- 4.2.2 Tandem Switched Transport - compensation for the transmission facilities between AT&T ILLINOIS' local tandem and the end offices subtending that tandem, which is assessed as
- 4.2.2.1 Tandem Transport per minute of use, and
- 4.2.2.2 Tandem Transport Facility.

5. TRANSIT TRAFFIC ROUTING

- 5.1 Where AT&T ILLINOIS has a Local Tandem Switch separate from an Access Tandem Switch in the local exchange area, MCIm's originated Section 251(b)(5) Traffic and ISP-Bound Traffic utilizing AT&T ILLINOIS' Transit Traffic Service will be routed via AT&T ILLINOIS' Local Tandem Switches, but not at or through any AT&T ILLINOIS Access Tandem Switches.

- 5.2 Where AT&T ILLINOIS has a Local/IntraLATA Tandem Switch or Local/Access Tandem Switch in the local exchange area, MCIm originated Section 251(b)(5) Traffic or ISP-Bound Traffic utilizing AT&T ILLINOIS' Transit Traffic Service will be routed via the appropriate AT&T ILLINOIS Local/IntraLATA Tandem Switch or Local /Access Tandem Switch.
- 5.3 Where AT&T ILLINOIS has a Local Tandem Switch separate from an Access Tandem Switch in the local exchange area, MCIm originated IntraLATA Toll Traffic or 800 IntraLATA Toll Traffic utilizing AT&T ILLINOIS' Transit Traffic Service will be routed via AT&T ILLINOIS' Access Tandem Switches, but not at or through any AT&T ILLINOIS Local Tandem Switches.
- 5.4 Where AT&T ILLINOIS has a combined Local/IntraLATA Tandem Switch or Local/Access Tandem Switch in the local exchange area, MCIm originated IntraLATA Toll Traffic or 800 IntraLATA Toll Traffic utilizing AT&T ILLINOIS' Transit Traffic Service will be routed via the appropriate AT&T ILLINOIS Local/IntraLATA Tandem Switch or Local/Access Tandem Switch.
- 5.5 Upon written notification from AT&T ILLINOIS of misrouting of Transit Traffic by MCIm as identified above, MCIm will take appropriate action and correct such misrouting within a reasonably practical period of time no longer than 60 days after receipt of notification of such misrouting.

6. DIRECT TRUNKING REQUIREMENTS

- 6.1 When Transit Traffic from MCIm through the AT&T ILLINOIS Tandem to another Local Exchange Carrier, CLEC or wireless carrier requires twenty-four (24) or more trunks, upon AT&T ILLINOIS written request, MCIm shall establish a direct trunk group or alternate transit arrangement between itself and the other Local Exchange Carrier, CLEC or wireless carrier within sixty (60) calendar days. MCIm shall route Transit Traffic via AT&T ILLINOIS' Tandem switches, and not at or through any AT&T 12-STATE End Offices. Once this trunk group has been established, MCIm agrees to cease routing Transit Traffic through the AT&T ILLINOIS Tandem to the Third Party Terminating Carrier, unless the parties mutually agree otherwise.

APPENDIX PRICING

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1. INTRODUCTION

- 1.1 This Appendix sets forth the pricing rates, terms and conditions for Interconnection, unbundled access to Network Elements, Resale, Collocation and for any other services provided pursuant to this Agreement. All such rates shall be just, reasonable and nondiscriminatory in accordance with Applicable law.
- 1.2 All of the rates set forth in this Agreement are inclusive. If the Parties have inadvertently omitted an appropriate Commission-approved rate for any unbundled Network Element, service, feature or function contemplated under this Agreement ("Contemplated Services"), the Parties shall amend the Agreement to include such rate. In the event that there is no appropriate Commission-approved rate for a Contemplated Service and AT&T ILLINOIS has a reasonable basis to believe it can charge MCIm for the Contemplated Service, the Parties agree to negotiate in good faith to amend the Agreement to include an interim rate. Such interim rates shall remain in effect, subject to true-up, until the Commission determines a permanent rate or decides that no rate is appropriate. The Parties further agree that during any negotiations pursuant to this Section 1.2, AT&T ILLINOIS shall provide MCIm with the Contemplated Service in question and MCIm shall be responsible for paying for such Contemplated Service retroactive to the date it was first delivered. For any rates set pursuant to this Section 1.2, the Parties agree to use the appropriate AT&T ILLINOIS tariff rate, if such a rate exists. All of the rates set forth in this Agreement shall remain in effect for the term of this Agreement unless they are changed in accordance with the provisions of this Agreement. For the purposes of this Appendix, "rates" may refer to either or both recurring and nonrecurring prices.
- 1.3 Each rate set forth in this Appendix is the total rate applicable for the respective service, save for taxes and late payment charges, if any. Where required by Applicable Law, rates contained in this Appendix Pricing are based upon FCC and state Commission approved pricing methodologies. If a rate element and/or charge for a product or service contained in, referenced to or otherwise provided by AT&T ILLINOIS under this Agreement (including any attached or referenced Appendices) is not listed in this Appendix Pricing, including any rates and/or charges developed in response to a Bona Fide Request (BFR), such rates and charges shall be determined in accordance with the pricing principles set forth in the Act; provided however, if AT&T ILLINOIS provides a product or service that is not subject to the pricing principles of the Act, such rate(s) and/or charges shall be as negotiated by AT&T ILLINOIS and MCIm.
- 1.4 Intentionally Omitted.
- 1.5 Except as otherwise noted, all rates set forth in this Agreement are permanent rates, unless changed by order of the Commission or other administrative or judicial body of competent jurisdiction, or by mutual agreement of the Parties. The rates set forth in the Pricing Schedule to this Agreement are subject to change based upon the outcome of Illinois Commerce Commission proceedings affecting wholesale prices which are given general applicability by the Commerce Commission, including carrier-specific dockets that are given general applicability, where the outcome produces rates different than the rates set forth in the Pricing Schedule. Absent a stay of such an outcome, the affected rate(s) shall be modified consistent with the outcome via written amendment to the Agreement and/or its Pricing Schedule, as appropriate, within thirty (30) days after receipt of written notice by one Party from the other Party. Where such rate differences are accompanied by or are the result of changes to terms and conditions that are legitimately related to the item(s) associated with the affected rates, then the Parties shall include in their amendment conforming modifications to such terms and conditions. If the Parties disagree as to the appropriate terms and conditions requiring modification due to a price change requested pursuant to this Section, either Party may seek resolution of the

dispute in accordance with the provisions of Section 12 of the General Terms and Conditions of this Agreement. The modified rates and any associated modified terms and conditions shall take effect upon the effective date set forth in the Commission order that approves the rate. If the order approving the rate is silent as to the effective date, then the rate would become effective upon the approval of the amendment by the Commission or within sixty (60) days after receipt of the written notice described above, whichever is sooner, unless otherwise agreed to by the parties. Nothing in this paragraph is intended to limit either Party's right to obtain modification of any rates in this Pricing Schedule or any associated terms and conditions in accordance with other terms of this Agreement, including but not limited to the Agreement's "Intervening Law" provision Section 23 of the General Terms and Conditions.

- 1.6 If a rate is identified as interim, upon adoption of a final rate by the Commission, either Party may elect to change the interim rate to conform to the permanent rate upon written notice to other Party. If either Party elects to change an interim rate to conform to a permanent rate, the permanent rate will be substituted for the interim rate and will remain in effect for the remainder of this Agreement unless otherwise changed in accordance with the terms of this Agreement. Unless otherwise agreed by the Parties, an interim rate will be replaced by the permanent rate retroactive to the Effective Date of this Agreement, and will be trued up within ninety (90) days after the Effective Date of the amendment adopting the permanent rate.
- 1.7 Intentionally Omitted.
- 1.8 AT&T ILLINOIS shall not charge MCIm different rates for unbundled Network Elements based on the class of end user customers served by MCIm, or on the type of services provided by MCIm using those unbundled Network Elements, unless otherwise ordered by the Commission. This paragraph does not apply to Resale.

2. RECURRING CHARGES

- 2.1 Unless otherwise identified in the pricing tables, where rates are shown as monthly, a month will be defined as thirty (30) days. Billing will be on the basis of whole or fractional months used. The rates for non-monthly rated UNEs will be billed as specified in Appendix Pricing. Billing will be on the basis of whole or fractional periods used. Fractional billing will be adjusted on a pro-rata basis to reflect actual usage during any particular month or period.
- 2.2 Unless otherwise identified in the pricing tables, where rates are usage sensitive, measurement of usage-based charges shall be in actual conversation seconds, or fraction thereof, measured in one tenth (1/10) of one second increments. For purposes of billing charges, total conversation seconds, or fractions thereof, per chargeable traffic types will be totaled for the entire monthly bill cycle and then rounded up to the next whole minute. There shall be no usage-based charges for incomplete calls or call attempts, including "busy" or "don't answer" status calls.
- 2.3 Intentionally Omitted.
- 2.4 Unless otherwise identified in the pricing tables, where rates are distance sensitive, the mileage will be calculated on the airline distance involved between the locations. To determine the rate to be billed, AT&T ILLINOIS will first compute the mileage using the V&H coordinates method, as set forth in the National Exchange Carrier Association, Inc. Tariff FCC No 4. When the calculation results in a fraction of a mile, AT&T ILLINOIS will round up to the next whole mile before determining the mileage and applying rates.

3. NON-RECURRING CHARGES

Some items which must be individually charged (e.g., extraordinary charges, CLEC Changes and etc.), are billed as nonrecurring charges.

	A	B	C	D	E	F	G	H	I	J	K
1	ILLINOIS				USOC	Recurring		Non-Recurring			
2											
3	UNBUNDLED NETWORK ELEMENTS										
4											
5	Unbundled Loops										
6	6	2-Wire Analog -Rural (Access Area C)			U2HXC	\$	14.91	See NRC prices below			
7	6	2-Wire Analog - Suburban (Access Area B)			U2HXB	\$	12.40	See NRC prices below			
8	6	2-Wire Analog - Metro (Access Area A)			U2HXA	\$	5.17	See NRC prices below			
9	6	2-Wire Ground Start, Analog/Reverse Battery-Rural(Access Area C)			U2WXC	\$	16.71	See NRC prices below			
10	6	2-Wire Ground Start, Analog/Reverse Battery-Suburban(Access Area B)			U2WXB	\$	13.13	See NRC prices below			
11	6	2-Wire Ground Start, Analog/Reverse Battery-Metro(Access Area A)			U2WXA	\$	4.11	See NRC prices below			
12	6	2-Wire Ground Start, PBX-Rural (Access Area C)			U2JXC	\$	16.71	See NRC prices below			
13	6	2-Wire Ground Start, PBX-Suburban (Access Area B)			U2JXB	\$	13.13	See NRC prices below			
14	6	2-Wire Ground Start, PBX-Metro (Access Area A)			U2JXA	\$	4.11	See NRC prices below			
15	6	2-Wire COPTS Coin-Rural(Access Area C)			U2CXC	\$	16.94	See NRC prices below			
16	6	2-Wire COPTS Coin-Suburban(Access Area B)			U2CXB	\$	13.28	See NRC prices below			
17	6	2-Wire COPTS Coin-Metro(Access Area A)			U2CXA	\$	4.11	See NRC prices below			
18	6	2-Wire EKL--Rural(Access Area C)			U2KXC	\$	21.62	See NRC prices below			
19	6	2-Wire EKL-Suburban(Access Area B)			U2KXB	\$	16.30	See NRC prices below			
20	6	2-Wire EKL-Metro(Access Area A)			U2KXA	\$	4.24	See NRC prices below			
21		Conditioning for dB Loss									
22	6	4-Wire Analog - Rural (Access Area C)			U4XHC	\$	34.97	See NRC prices below			
23	6	4-Wire Analog - Suburban (Access Area B)			U4HXB	\$	27.25	See NRC prices below			
24	6	4-Wire Analog - Metro Access Area A)			U4HXA	\$	8.27	See NRC prices below			
25	6	2-Wire Digital - Rural (Access Area C)			U2QXC	\$	22.24	See NRC prices below			
26	6	2-Wire Digital - Suburban (Access Area B)			U2QXB	\$	17.76	See NRC prices below			
27	6	2-Wire Digital - Metro (Access Area A)			U2QXA	\$	5.44	See NRC prices below			
28	6	2-Wire Digital ISDN - BRI - Rural (Access Area C)			U2QXC	\$	22.24	See NRC prices below			
29	6	2-Wire Digital ISDN BRI - Suburban (Access Area B)			U2QXB	\$	17.76	See NRC prices below			
30	6	2-Wire Digital ISDN BRI - Metro (Access Area A)			U2QXA	\$	5.44	See NRC prices below			
31	6	4-Wire Digital - Rural (Access Area C)			4U1XC	\$	53.82	See NRC prices below			
32	6	4-Wire Digital - Suburban (Access Area B)			4U1XB	\$	40.49	See NRC prices below			
33	6	4-Wire Digital - Metro (Access Area A)			4U1XA	\$	27.72	See NRC prices below			
34	6	DS3 Loop - Rural (Access Area C)			U4D3C	\$	528.15	See NRC prices below			
35	6	DS3 Loop - Suburban (Access Area B)			U4D3B	\$	405.76	See NRC prices below			
36	6	DS3 Loop - Metro (Access Area A)			U4D3A	\$	335.73	See NRC prices below			
37											
38	DSL Capable Loops										
39	2-Wire xDSL Loop										
40	6		PSD #1 - 2-Wire xDSL Loop Access Area C- Rural		2SLA3	\$	17.81	See NRC prices below			
41	6		PSD #1 - 2-Wire xDSL Loop Access Area B- Suburban		2SLA2	\$	11.57	See NRC prices below			
42	6		PSD #1 - 2-Wire xDSL Loop Access Area A- Metro		2SLA1	\$	5.09	See NRC prices below			
43											
44	6		PSD #2 - 2-Wire xDSL Loop Access Area C- Rural		2SLC3	\$	17.81	See NRC prices below			
45	6		PSD #2 - 2-Wire xDSL Loop Access Area B- Suburban		2SLC2	\$	11.57	See NRC prices below			
46	6		PSD #2 - 2-Wire xDSL Loop Access Area A- Metro		2SLC1	\$	5.09	See NRC prices below			
47											
48	6		PSD #3 - 2-Wire xDSL Loop Access Area C- Rural		2SLB3	\$	17.81	See NRC prices below			
49	6		PSD #3 - 2-Wire xDSL Loop Access Area B- Suburban		2SLB2	\$	11.57	See NRC prices below			
50	6		PSD #3 - 2-Wire xDSL Loop Access Area A- Metro		2SLB1	\$	5.09	See NRC prices below			
51											
52	6		PSD #4 - 2-Wire xDSL Loop Access Area C- Rural		2SLD3	\$	17.81	See NRC prices below			
53	6		PSD #4 - 2-Wire xDSL Loop Access Area B- Suburban		2SLD2	\$	11.57	See NRC prices below			
54	6		PSD #4 - 2-Wire xDSL Loop Access Area A- Metro		2SLD1	\$	5.09	See NRC prices below			
55											
56	6		PSD #5 - 2-Wire xDSL Loop Access Area C- Rural		UWRA3	\$	17.81	See NRC prices below			
57	6		PSD #5 - 2-Wire xDSL Loop Access Area B- Suburban		UWRA2	\$	11.57	See NRC prices below			
58	6		PSD #5 - 2-Wire xDSL Loop Access Area A- Metro		UWRA1	\$	5.09	See NRC prices below			
59											
60	6		PSD #7 - 2-Wire xDSL Loop Access Area C- Rural		2SLF3	\$	17.81	See NRC prices below			
61	6		PSD #7 - 2-Wire xDSL Loop Access Area B- Suburban		2SLF2	\$	11.57	See NRC prices below			
62	6		PSD #7 - 2-Wire xDSL Loop Access Area A- Metro		2SLF1	\$	5.09	See NRC prices below			
63	4-Wire xDSL Loop										
64	6		PSD #3 - 4-Wire xDSL Loop Access Area C- Rural		4SL13	\$	33.59	See NRC prices below			
65	6		PSD #3 - 4-Wire xDSL Loop Access Area B- Suburban		4SL12	\$	20.93	See NRC prices below			
66	6		PSD #3 - 4-Wire xDSL Loop Access Area A- Metro		4SL11	\$	7.93	See NRC prices below			
67											
68	IDSL Capable Loop										
69	6		IDSL Loop Access Area C - Rural		UY5FC	\$	22.24	See NRC prices below			
70	6		IDSL Loop Access Area B - Suburban		UY5FB	\$	17.76	See NRC prices below			
71	6		IDSL Loop Access Area A - Metro		UY5FA	\$	5.44	See NRC prices below			
72											
73	HFPL										
74		HFPL Loop									
75			HFPL Loop - Access Area C- Rural		ULPP3		\$0.00	N/A	N/A		
76			HFPL Loop - Access Area B- Suburban		ULPP2		\$0.00	N/A	N/A		
77			HFPL Loop - Access Area A- Metro		ULPP1		\$0.00	N/A	N/A		
78											
79		HFPL Cross Connects									
80			HFPL Cross Connect - CLEC Owned Non Integrated		UKCGE	\$	0.56	\$64.37			
81			HFPL Cross Connect - CLEC Owned Integrated		UKCGD	\$	0.56	\$64.37			
82			HFPL Cross Connect - SBC Owned		UKCGX	\$	0.56	\$78.40			
83											
84	Line Station Transfer (LST)										
85		Line & Station Transfer(LST) performed on CODSLAM Loop			URCLD		N/A	\$	237.74		

	A	B	C	D	E	F	G	H	I	J	K
1	ILLINOIS				USOC	Recurring		Non-Recurring			
86											
87	Loop Qualification Process										
88		Loop Qualification Process - Mechanized			NR98U	N/A		\$0.00	N/A		
89		Loop Qualification Process - Manual per minute			NRBXU	N/A		\$0.00	N/A		
90											
91	DSL Conditioning Options										
92		DSL Conditioning Options - >12KFT and < 17.5KFT									
93			Removal of Repeater Options - per element		NRBXV	N/A		\$21.49	N/A		
94			Removal Bridged Tap Option - per element		NRBXW	N/A		\$14.00	N/A		
95			Removal of Load Coil - per element		NRBXZ	N/A		\$14.08	N/A		
96		DSL Conditioning Options - >17.5KFT in addition to the rates for > 12KFT and < 17.5KFT per element									
97			Removal of Repeater Options - per element		NRBNL	N/A		\$21.49	N/A		
98			Removal Bridged Tap Option - per element		NRBNK	N/A		\$14.00	N/A		
99			Removal of Load Coil - per element		NRBNJ	N/A		\$14.08	N/A		
100											
101	Removal of All Bridge Tap (RABT) Modified Maintenance Process (MMP)										
102		Removal of All Bridged Tap									
103			DSL Loops - >12KFT and <17.5KFT			N/A		\$ 742.35			
104		Removal of All Bridged Tap >17.5KFT									
105			DSL Loops - >17.5KFT - per element								
106			Incremental Removal of All Bridged Tap > 17.5KFT - per element			N/A		\$ 286.75			
107		Removal of Non-Excessive Bridged Tap									
108			DSL Loops - >0KFT and <17.5KFT			N/A		\$ 286.75			
109		Removal of Non-Excessive Bridged Tap >17.5KFT									
110			DSL Loops - >17.5KFT - per element								
111			Incremental Removal of All Bridged Tap > 17.5KFT - per element			N/A		\$ 286.75			
112											
113	Maintenance of Service Charges and/or Service Call Charge					FCC Tariff No. 2: Section 13.2.6					
114											
115											
116	Loop Non-Recurring Charges										
117	6, 8	Service Order - Initial			SEPUP	NA		\$11.27			
118	6, 7	Service Order - Initial Connection						\$ 6.76			
119	6, 7	Service Order - Disconnect						\$ 6.36			
120	6	Service Order - Subsequent			REAH9	NA		\$ 6.76			
121	6	Service Order-Record Work Only			NR9UP	NA		\$ 5.78			
122	6, 8	Line Connection			SEPUC	NA		\$50.13			
123	6, 7	Line Connection - Initial Connection						\$ 49.00			
124	6, 7	Line Connection - Additional Connection						\$ 33.92			
125	6, 7	Line Connection - Initial Disconnection						\$ 9.50			
126	6, 7	Line Connection - Additional Disconnection						\$ 7.03			
127	6, 8	DS1 - Administrative			NR90R	NA		\$16.74			
128	6, 7	DS-1 Administrative - Connection						\$ 10.64			
129	6, 7	DS-1 Administrative - Disconnection						\$ 8.60			
130	6, 8	DS-1 Service Provisioning				N/A		\$206.06			
131	6, 7	DS-1 Service Provisioning - Initial Connection						\$ 200.75			
132	6, 7	DS-1 Service Provisioning - Additional Connection						\$ 7.49			
133	6, 7	DS-1 Service Provisioning - Initial Disconnection						\$ 100.57			
134	6, 7	DS-1 Service Provisioning - Additional Disconnection						\$ 5.83			
135	6, 8	DS3 - Adminstrative			NR90Y	N/A		\$16.74			
136	6, 7	DS-3 Administrative - Connection						\$ 10.64			
137	6, 7	DS-3 Administrative - Disconnection						\$ 8.60			
138	6, 8	DS-3 Service Provisioning				N/A		\$89.95			
139	6, 7	DS-3 Service Provisioning - Initial Connection						\$ 84.49			
140	6, 7	DS-3 Service Provisioning - Additional Connection						\$ 28.79			
141	6, 7	DS-3 Service Provisioning - Initial Disconnection						\$ 7.68			
142	6, 7	DS-3 Service Provisioning - Additional Disconnection						\$ 6.02			
143											
144	SUB-LOOPS										
145											
146		ECS to SAI sub-loop									
147			2 Wire Analog - area A		PENDING	\$ 0.99		See NRC prices below			
148			2 Wire Analog - area B		PENDING	\$ 1.64		See NRC prices below			
149			2 Wire Analog - area C		PENDING	\$ 1.70		See NRC prices below			
150			4 Wire Analog - area A		PENDING	\$ 2.00		See NRC prices below			
151			4 Wire Analog - area B		PENDING	\$ 3.34		See NRC prices below			
152			4 Wire Analog - area C		PENDING	\$ 3.35		See NRC prices below			
153			2 Wire DSL - area A		PENDING	\$ 0.99		See NRC prices below			
154			2 Wire DSL - area B		PENDING	\$ 1.64		See NRC prices below			
155			2 Wire DSL - area C		PENDING	\$ 1.70		See NRC prices below			
156			4 Wire DSL - area A		PENDING	\$ 2.00		See NRC prices below			
157			4 Wire DSL - area B		PENDING	\$ 3.34		See NRC prices below			
158			4 Wire DSL - area C		PENDING	\$ 3.35		See NRC prices below			
159		ECS to Terminal sub-loop									
160			2 Wire Analog - area A		PENDING	\$ 0.98		See NRC prices below			
161			2 Wire Analog - area B		PENDING	\$ 5.93		See NRC prices below			
162			2 Wire Analog - area C		PENDING	\$ 10.38		See NRC prices below			
163			4 Wire Analog - area A		PENDING	\$ 2.03		See NRC prices below			
164			4 Wire Analog - area B		PENDING	\$ 11.88		See NRC prices below			
165			4 Wire Analog - area C		PENDING	\$ 20.70		See NRC prices below			
166			2 Wire DSL - area A		PENDING	\$ 0.98		See NRC prices below			
167			2 Wire DSL - area B		PENDING	\$ 5.93		See NRC prices below			

	A	B	C	D	E	F	G	H	I	J	K
1	ILLINOIS				USOC	Recurring		Non-Recurring			
168			2 Wire DSL - area C		PENDING	\$ 10.38		See NRC prices below			
169			4 Wire DSL - area A		PENDING	\$ 2.03		See NRC prices below			
170			4 Wire DSL - area B		PENDING	\$ 11.88		See NRC prices below			
171			4 Wire DSL - area C		PENDING	\$ 20.70		See NRC prices below			
172			ECS to NID sub-loop								
173	1		2 Wire Analog - area A		PENDING	\$ 2.14		See NRC prices below			
174	1		2 Wire Analog - area B		PENDING	\$ 7.36		See NRC prices below			
175	1		2 Wire Analog - area C		PENDING	\$ 11.84		See NRC prices below			
176	1		4 Wire Analog - area A		PENDING	\$ 4.36		See NRC prices below			
177	1		4 Wire Analog - area B		PENDING	\$ 14.74		See NRC prices below			
178	1		4 Wire Analog - area C		PENDING	\$ 23.64		See NRC prices below			
179	1		2 Wire DSL - area A		PENDING	\$ 2.14		See NRC prices below			
180	1		2 Wire DSL - area B		PENDING	\$ 7.36		See NRC prices below			
181	1		2 Wire DSL - area C		PENDING	\$ 11.84		See NRC prices below			
182	1		4 Wire DSL - area A		PENDING	\$ 4.36		See NRC prices below			
183	1		4 Wire DSL - area B		PENDING	\$ 14.74		See NRC prices below			
184	1		4 Wire DSL - area C		PENDING	\$ 23.64		See NRC prices below			
185			SAI to Terminal sub-loop								
186	1		2 Wire Analog - area A		PENDING	\$ 1.28		See NRC prices below			
187	1		2 Wire Analog - area B		PENDING	\$ 3.50		See NRC prices below			
188	1		2 Wire Analog - area C		PENDING	\$ 5.65		See NRC prices below			
189	1		4 Wire Analog - area A		PENDING	\$ 1.43		See NRC prices below			
190	1		4 Wire Analog - area B		PENDING	\$ 5.90		See NRC prices below			
191	1		4 Wire Analog - area C		PENDING	\$ 9.34		See NRC prices below			
192	1		2 Wire DSL - area A		PENDING	\$ 1.14		See NRC prices below			
193	1		2 Wire DSL - area B		PENDING	\$ 3.12		See NRC prices below			
194	1		2 Wire DSL - area C		PENDING	\$ 5.65		See NRC prices below			
195	1		4 Wire DSL - area A		PENDING	\$ 1.43		See NRC prices below			
196	1		4 Wire DSL - area B		PENDING	\$ 5.90		See NRC prices below			
197	1		4 Wire DSL - area C		PENDING	\$ 9.34		See NRC prices below			
198			SAI to NID sub-loop								
199	1		2 Wire Analog - area A		PENDING	\$ 1.67		See NRC prices below			
200	1		2 Wire Analog - area B		PENDING	\$ 4.67		See NRC prices below			
201	1		2 Wire Analog - area C		PENDING	\$ 7.66		See NRC prices below			
202	1		4 Wire Analog - area A		PENDING	\$ 2.14		See NRC prices below			
203	1		4 Wire Analog - area B		PENDING	\$ 8.81		See NRC prices below			
204	1		4 Wire Analog - area C		PENDING	\$ 13.94		See NRC prices below			
205	1		2 Wire DSL - area A		PENDING	\$ 1.38		See NRC prices below			
206	1		2 Wire DSL - area B		PENDING	\$ 3.61		See NRC prices below			
207	1		2 Wire DSL - area C		PENDING	\$ 7.66		See NRC prices below			
208	1		4 Wire DSL - area A		PENDING	\$ 2.14		See NRC prices below			
209	1		4 Wire DSL - area B		PENDING	\$ 8.63		See NRC prices below			
210	1		4 Wire DSL - area C		PENDING	\$ 13.94		See NRC prices below			
211			Terminal to NID sub-loop								
212	1		2 Wire Analog - area A		PENDING	\$ 0.42		See NRC prices below			
213	1		2 Wire Analog - area B		PENDING	\$ 1.01		See NRC prices below			
214	1		2 Wire Analog - area C		PENDING	\$ 1.10		See NRC prices below			
215	1		4 Wire Analog - area A		PENDING	\$ 0.62		See NRC prices below			
216	1		4 Wire Analog - area B		PENDING	\$ 2.21		See NRC prices below			
217	1		4 Wire Analog - area C		PENDING	\$ 2.42		See NRC prices below			
218	1		2 Wire DSL - area A		PENDING	\$ 0.35		See NRC prices below			
219	1		2 Wire DSL - area B		PENDING	\$ 0.78		See NRC prices below			
220	1		2 Wire DSL - area C		PENDING	\$ 0.97		See NRC prices below			
221	1		4 Wire DSL - area A		PENDING	\$ 0.56		See NRC prices below			
222	1		4 Wire DSL - area B		PENDING	\$ 1.89		See NRC prices below			
223	1		4 Wire DSL - area C		PENDING	\$ 2.28		See NRC prices below			
224											
225			Stand Alone NID (NID sub-loop element)								
226	11		2 Wire Analog - area A		PENDING	\$ 0.19		See NRC prices below			
227	11		2 Wire Analog - area B		PENDING	\$ 0.24		See NRC prices below			
228	11		2 Wire Analog - area C		PENDING	\$ 0.20		See NRC prices below			
229	11		4 Wire Analog - area A		PENDING	\$ 0.42		See NRC prices below			
230	11		4 Wire Analog - area B		PENDING	\$ 0.50		See NRC prices below			
231	11		4 Wire Analog - area C		PENDING	\$ 0.42		See NRC prices below			
232	11		2 Wire DSL - area A		PENDING	\$ 0.19		See NRC prices below			
233	11		2 Wire DSL - area B		PENDING	\$ 0.24		See NRC prices below			
234	11		2 Wire DSL - area C		PENDING	\$ 0.20		See NRC prices below			
235	11		4 Wire DSL - area A		PENDING	\$ 0.42		See NRC prices below			
236	11		4 Wire DSL - area B		PENDING	\$ 0.50		See NRC prices below			
237	11		4 Wire DSL - area C		PENDING	\$ 0.42		See NRC prices below			
238	11		2 Wire ISDN Compatible - area A		PENDING	\$ 0.19		See NRC prices below			
239	11		2 Wire ISDN Compatible - area B		PENDING	\$ 0.24		See NRC prices below			
240	11		2 Wire ISDN Compatible - area C		PENDING	\$ 0.20		See NRC prices below			
241	11		4 Wire DS1 Compatible - area A		PENDING	TBD		See NRC prices below			
242	11		4 Wire DS1 Compatible - area B		PENDING	TBD		See NRC prices below			
243	11		4 Wire DS1 Compatible - area C		PENDING	TBD		See NRC prices below			
244	11		DS3 compatible subloop - area A		PENDING	TBD		See NRC prices below			
245	11		DS3 compatible subloop - area B		PENDING	TBD		See NRC prices below			
246	11		DS3 compatible subloop - area C		PENDING	TBD		See NRC prices below			
247											
248			Sub-Loop Non-Recurring Charges								
249	1		2-Wire Analog Sub-Loop		PENDING			\$ 220.28			
250	1		4-Wire Analog Sub-Loop		PENDING			\$ 239.27			
251	1		2-Wire xDSL Digital Sub-Loop		PENDING			\$ 220.28			
252	1		4-Wire xDSL Digital Sub-Loop		PENDING			\$ 279.25			

TBD -To be determined
NRO -Nonrecurring only
ICB -Individual Case Basis
NA -Not Applicable

	A	B	C	D	E	F	G	H	I	J	K
1	ILLINOIS				USOC	Recurring		Non-Recurring			
253	1		2-Wire ISDN Digital Sub-Loop		PENDING			\$	305.92		
254	1		4-Wire DS-1 (1.544 Mbps) Digital Sub-Loop		PENDING			\$	513.73		
255	1		DS3 Sub-Loop		PENDING			\$	677.02		
256	1, 6, 8	Service Order - Initial				NA		\$11.27			
257	1, 6, 7	Service Order - Initial Connection						\$	6.76		
258	1, 6, 7	Service Order - Disconnect						\$	6.36		
259											
260	Cross Connects										
261		2-Wire			CXCT2	\$	0.14	NA	NA		
262		4-Wire			CXCT4	\$	0.31	NA	NA		
263		6-Wire			OPEN	\$	0.45	NA	NA		
264		8-Wire			OPEN	\$	0.62	NA	NA		
265		DS1/LT1			CXCDX	\$	0.43	NA	NA		
266		DS3/LT3			CXC8X	\$	0.76	NA	NA		
267											
268											
269	Dedicated Transport										
270		Entrance Facility:									
271		DS1		Area A	UEYBA	\$	73.46	NA	NA		
272				Area B	UEYBB	\$	61.45	NA	NA		
273				Area C	UEYBC	\$	61.56	NA	NA		
274		DS3		Area A	UEYCA	\$	686.47	NA	NA		
275				Area B	UEYCB	\$	768.77	NA	NA		
276				Area C	UEYCC	\$	752.87	NA	NA		
277											
278		Interoffice Transport:									
279		DS1	Interoffice Mileage Termination - Per Point of Termination - All Areas		CZ4XA-XC	\$	17.35	NA	NA		
280			Interoffice Mileage - Per Mile - All Areas		1YZXA-XC	\$	1.88	NA	NA		
281		DS3	Interoffice Mileage Termination - Per Point of Termination - All Areas		CZ4XA-XC	\$	146.93	NA	NA		
282			Interoffice Mileage - Per Mile - All Areas		1YZXA-XC	\$	29.81	NA	NA		
283											
284		Multiplexing									
285		DS1 to Voice Grade			QMVXA-XC	\$	275.34	NA	NA		
286		DS3 to DS1			QM3XA-XC	\$	404.30	NA	NA		
287											
288		Dedicated Transport Cross Connects									
289		DS1			CXCDX	\$	0.43	NA	NA		
290		DS3			CXCEX	\$	0.76	NA	NA		
291											
292		Dedicated Transport Optional Features & Functions									
293	1	DS1	Clear Channel Capability - Per 1.544 Mbps Circuit Arranged		CLYXA-XC	NA		\$	443.18	NA	
294											
295		Dedicated Transport Installation & Rearrangement Charges									
296	1	DS1	Administration Charge - Per Order		ORCMX	NA		\$	406.61	NA	
297	1		Design & Central Office Connection Charge - Per Circuit		NRBCL	NA		\$	632.71	NA	
298	1		Carrier Connection Charge - Per Order		NRBBL	NA		\$	585.51	NA	
299	1	DS3	Administration Charge - Per Order		ORCMX	NA		\$	308.22	NA	
300	1		Design & Central Office Connection Charge - Per Circuit		NRBCL	NA		\$	671.16	NA	
301	1		Carrier Connection Charge - Per Order		NRBBL	NA		\$	377.25	NA	
302											
303	Dedicated Transport Network Reconfiguration Service (NRS)										
304		On rates, terms and conditions specified in FCC Tariff No. 2			OPEN						
305											
306	Digital Cross-Connect System										
307		DCS Port Charge			OPEN	ICB		ICB	NA		
308		DS1			OPEN	ICB		ICB	NA		
309		DS3			OPEN	ICB		ICB	NA		
310		DCS Establishment Charge			OPEN	ICB		ICB	NA		
311		Database Modification Charge			OPEN	ICB		ICB	NA		
312		Reconfiguration Charge			OPEN	ICB		ICB	NA		
313											
314	Dark Fiber										
315		Dark Fiber Interoffice									
316			Dark Fiber Interoffice Termination (Per Termination per Fiber)		ULYCX	\$	16.24	NA	NA		
317			Dark Fiber Interoffice Mileage (Per Fiber per Foot)		ULNCF	\$	0.00	NA	NA		
318			Dark Fiber Interoffice Cross Connect (Per Termination per Fiber)		UKCJX	\$	3.43	NA	NA		
319		Dark Fiber Loop									
320			Dark Fiber Loop Termination (Per Termination per Fiber)		UL1WX	\$	13.02	NA	NA		
321	1		Dark Fiber Loop Mileage (Per Fiber per Foot)		ULOWG	\$	0.00	NA	NA		
322			Dark Fiber Loop Cross Connect (Per Termination per Fiber)		UKCHX	\$	2.71	NA	NA		
323		Inquiry (Per Request)									
324	1		Dark Fiber Loop/Subloop - NRC		NR9DT	NA		\$	78.29		
325	1		Dark Fiber Interoffice Transport - NRC		NR9D6	NA		\$	325.28		
326		FIRM ORDER (Per Fiber Strand)									
327	1		Administrative per Order		Intent. Omitted	NA		\$28.63			
328											
329	1		Sub-Loop Connection Charge, RT/CEV Hut to Premises per strand		NRB53	NA		\$	531.56		
330	1		Interoffice Connection Charge, per strand		NRB54	NA		\$	612.88		
331	Routine Modifications										
332	12	Routine Modifications to Existing Facilities Charge			N/A	NA		ICB	ICB		
333											
334											
335	Local Number Portability (LNP) - FCC Tariff No. 2 Access Services, Section 6										
336											
337	UNE - P Service Order Charge										

	A	B	C	D	E	F	G	H	I	J	K
1	ILLINOIS				USOC	Recurring		Non-Recurring			
338	6, 8	Electronic POTS						\$4.43			
339	6, 7	Electronic POTS (Connection)						\$ 3.08			
340	6, 7	Electronic POTS (Disconnection)						\$ 1.91			
341	6, 8	Manual POTS						\$42.37			
342	6, 7	Manual POTS (Connection)						\$ 31.31			
343	6, 7	Manual POTS (Disconnection)						\$ 15.59			
344	6, 8	Electronic Non-POTS						\$9.76			
345	6, 7	Electronic Non-POTS (Connection)						\$ 7.19			
346	6, 7	Electronic Non-POTS (Disconnection)						\$ 3.61			
347	6, 8	Manual Non-POTS						\$62.09			
348	6, 7	Manual Non-POTS (Connection)						\$ 47.65			
349	6, 7	Manual Non-POTS (Disconnection)						\$ 20.35			
350											
351	New UNE-P Line Connection Charge										
352	6, 8	Analog Loop Line Connection - Per Termination						\$26.81			
353	6, 7	Analog Loop Line Connection - Per Termination (Initial Connection)						\$ 35.97			
354	6, 7	Analog Loop Line Connection - Per Termination (Additional Connection)						\$ 20.41			
355	6, 7	Analog Loop Line Connection - Per Termination (Initial Disconnection)						\$ 0.28			
356	6, 7	Analog Loop Line Connection - Per Termination (Additional Disconnection)						\$ 0.22			
357	6, 8	4 Wire Digital Loop (DS1) Service Provisioning						\$208.24			
358											
359	New UNE-P Port Connection Charge										
360	6, 8	Basic Line Port						\$1.20			
361	6, 7	Basic Line Port (Connection)						\$ 0.71			
362	6, 7	Basic Line Port (Disconnection)						\$ 0.70			
363	6, 8	Ground Start Line Port						\$1.20			
364	6, 7	Ground Start Line Port (Connection)						\$ 0.71			
365	6, 7	Ground Start Line Port (Disconnection)						\$ 0.70			
366	6, 8	ISDN Direct Port						\$16.50			
367	6, 7	ISDN Direct Port (Connection)						\$ 9.66			
368	6, 7	ISDN Direct Port (Disconnection)						\$ 9.66			
369											
370	6, 8	Direct Inward Dialing (DID) Trunk Port						\$18.35			
371	6, 7	Direct Inward Dialing (DID) Trunk Port (Connection)						\$ 12.80			
372	6, 7	Direct Inward Dialing (DID) Trunk Port (Disconnection)						\$ 7.81			
373											
374	6, 8	Centrex Basic Line Port						\$1.20			
375	6, 7	Centrex Basic Line Port (Connection)						\$ 0.71			
376	6, 7	Centrex Basic Line Port (Disconnection)						\$ 0.70			
377	6, 8	Centrex ISDN - BRI Line Port						\$16.50			
378	6, 7	Centrex ISDN - BRI Line Port (Connection)						\$ 9.66			
379	6, 7	Centrex ISDN - BRI Line Port (Disconnection)						\$ 9.66			
380	6, 8	Centrex EKL Line Port						\$10.15			
381	6, 7	Centrex EKL Line Port (Connection)						\$ 5.94			
382	6, 7	Centrex EKL Line Port (Disconnection)						\$ 5.93			
383	6, 8	Centrex Attendant Console Line Port						\$1.20			
384	6, 7	Centrex Attendant Console Line Port (Connection)						\$ 0.71			
385	6, 7	Centrex Attendant Console Line Port (Disconnection)						\$ 0.70			
386	6, 8	Basic COPTS Port						\$1.20			
387	6, 7	Basic COPTS Port (Connection)						\$ 0.71			
388	6, 7	Basic COPTS Port (Disconnection)						\$ 0.70			
389	6, 8	COPTS - Coin Line Port						\$1.20			
390	6, 7	COPTS - Coin Line Port (Connection)						\$ 0.71			
391	6, 7	COPTS - Coin Line Port (Disconnection)						\$ 0.70			
392	6	Basic Port Conversion (Conversion Charge - Change from one type of line-port to another, per each changed.			REAKD	NA		\$ 0.77			
393											
394	Port Feature Add/Change Translation Charge (feature per port, per order)										
395	6, 8	Basic						\$0.94			
396	6, 7		Connection					\$ 0.55			
397	6, 7		Disconnection					\$ 0.55			
398	6, 8	Ground Start/PBX						\$0.94			
399	6, 7		Connection					\$ 0.55			
400	6, 7		Disconnection					\$ 0.55			
401	6, 8	Basic COPTS						\$0.94			
402	6, 7		Connection					\$ 0.55			
403	6, 7		Disconnection					\$ 0.55			
404	6, 8	COPTS - Coin						\$0.94			
405	6, 7		Connection					\$ 0.55			
406	6, 7		Disconnection					\$ 0.55			
407	6, 8	ISDN Direct						\$1.28			
408	6, 7		Connection					\$ 0.75			
409	6, 7		Disconnection					\$ 0.75			
410											
411	6	Direct Inward Dialing (DID) Trunk Port, per port - Add/Rearrange Termination						\$ 48.48			
412	6	Service Ordering - Record Order									
413			Basic					\$ 5.11			
414			Complex					\$ 5.11			
415											
416	6	Service Ordering - Subsequent									
417			Subsequent Basic					\$ 5.40			
418			Subsequent Complex					\$ 11.58			

TBD -To be determined
NRO -Nonrecurring only
ICB -Individual Case Basis
NA -Not Applicable

	A	B	C	D	E	F	G	H	I	J	K
1	ILLINOIS				USOC	Recurring		Non-Recurring			
419											
420	6	ULS-ST Billing Establishment Charge, if applicalbe - per carrier						\$	2,718.64		
421	6	Custom Routing, via LCC - New LCC, per LCC, per switch						\$	256.29		
422	6, 8	Custom Routing, via LCC - New Network Routing, per Route, per switch							\$59.02		
423		Custom Routing, via LCC - New Network Routing, per Route, per switch									
424	6, 7		Connection					\$	33.94		
425	6, 7		Disconnection					\$	35.36		
426	6, 8	Custom Routing, via AIN, of OS/DA per Route, per switch							\$119.24		
427		Custom Routing, via AIN, of OS/DA per Route, per switch									
428	6, 7		Connection					\$	72.22		
429	6, 7		Disconnection					\$	66.29		
430		Centrex System Charges									
431	6, 8		Centrex Common Block Establishment, each						\$459.04		
432		Centrex Common Block Establishment									
433	6, 7		Connection					\$	370.92		
434	6, 7		Disconnection					\$	124.21		
435	6		Centrex System Features Change or Rearrangement, per feature, per occasion					\$	50.89		
436	6, 8		Centrex System Features Activation, per feature, per occasion						\$85.99		
437		Centrex System Features Activation									
438	6, 7		Connection					\$	50.89		
439	6, 7		Disconnection					\$	49.47		
440											
441	Unbundled Local Switching with Shared Transport										
442		ULS-ST Switch Originating Usage (ULS-O)			USAGE	\$0.00	per Mou	NA	NA		
443		ULS-ST Switch Terminating Usage (ULS-T)			USAGE	\$0.00	per Mou	NA	NA		
444		ULS-ST Blended Transport MOU			USAGE	\$ 0.000415	per Mou	NA	NA		
445		End Office Local Termination				\$ 0.003746	per mou	NA			
446		ULS-ST Common Transport MOU			USAGE	\$ 0.000304	per Mou	NA	NA		
447		ULS-ST Tandem Switching MOU			USAGE	\$ 0.000215	per Mou	NA	NA		
448		ULS-ST Daily Usage Feed (DUF)			USAGE	\$ 0.000459	per Message				
449	6, 8	Custom Routing, via AIN, of OS/DA per Route, per switch						\$119.24	NA		
450		Custom Routing, via AIN, of OS/DA per Route, per switch									
451	6, 7		Connection					\$	72.22		
452	6, 7		Disconnection					\$	66.29		
453		SS7 Signaling Transport associated with ULS-ST			USAGE	\$ 0.000176	per Message	N/A	NA		
454		ULS-ST Ports									
455			Basic Line Port - Residence, per Port		UJR	\$ 2.18		\$	53.01		
456											
457	Unbundled Local Switching										
458	10	ULS Usage, per Originating or Terminating MOU (statewide)			N/A	TBD	per Mou	NA	NA		
459		Daily Usage Feed (DUF), per message			N/A	\$ 0.000459	per Message				
460	6, 8	Customized Routing, per Line Class Code, per switch, new LCC, per LCC			UROPW	N/A		\$256.29	NA		
461	6, 8	Custom Routing, via LCC - New Network Routing, per Route, per switch						\$59.02			
462		Custom Routing, via LCC - New Network Routing, per Route, per switch									
463	6, 7		Connection					\$	33.94		
464	6, 7		Disconnection					\$	35.36		
465	6	Billing Establishment Charge, if applicable, per CLEC			NR9UJ	NA		\$	2,718.64	NA	
466		Service Coordination Fee, per CLEC bill, per switch			UFEPW	\$ 1.15		N/A	NA		
467		Subsequent Training, per Company Person, per Hour			NR9UT	N/A		\$	82.10	NA	
468											
469	Port Charge, per Month, per Port - ULS-ULS-ST										
470		Analog Line Port			UPC	\$ 2.18	per Port	\$	53.01	N/A	
471		Basic Line Port - PBX 2W			UVL	\$ 2.18	per Port	\$	53.01	N/A	
472		Basic Line Port - PBX 1W In			U1L	\$ 2.18	per Port	\$	53.01	N/A	
473		Basic Line Port - PBX 1W Out			UOL	\$ 2.18	per Port	\$	53.01	N/A	
474		Ground Start Port			UPZ	\$ 2.18	per Port	\$	53.01	N/A	
475		Ground Start Port - PBX 1W In			U1Z	\$ 2.18	per Port	\$	53.01	N/A	
476		Ground Start Port - PBX 1W Out			UOZ	\$ 2.18	per Port	\$	53.01	N/A	
477		Analog DID Trunk Port			UPR	\$ 20.65	per Port	\$	53.01	N/A	
478			per Telephone Number		UDM	\$ 0.06	per Number	N/A	N/A		
479	6		Add / Rearrange each Termination		REAJG	N/A		\$	48.48	N/A	
480		ISDN BRI Port			U2P	\$ 9.34	per Port	\$	53.01	N/A	
481			per Telephone Number		UZN	\$ 0.06	per Number	NA	NA		
482		ISDN-Direct Port - Custom			U25	\$ 9.34	per Port	\$	53.01	N/A	
483			per Telephone Number		UZN	\$ 0.06	per Number				
484											
485		Centrex Basic Line Port			U3XAA-CA	\$ 2.18	per Port	\$	53.01	N/A	
486		Centrex Basic Line Port			U3XAB-CB	\$ 2.18	per Port	\$	53.01	N/A	
487		Centrex Basic Line Port			U3XAD-CD	\$ 2.18	per Port	\$	53.01	N/A	
488		Centrex Basic Line Port			U3XAE-CE	\$ 2.18	per Port	\$	53.01	N/A	
489		Centrex ISDN BRI Port			PENDING	\$ 6.11	per Port	\$	53.01	N/A	
490		Centrex ISDN Line Port-Custom			PENDING	\$ 9.34	per Port	\$	53.01	N/A	
491		Centrex EKL Line Port			U3XAC-CC	\$ 4.92	per Port	\$	53.01	N/A	
492		Centrex Attendant Console Line Port			U6A	\$ 7.12	per Port	\$	106.01	N/A	
493		Basic COPTS Port			UYC	\$ 3.24	per Port	\$	53.01	N/A	
494		COPTS-Coin Line Port			U5N	\$ 3.24	per Port	\$	53.01	N/A	
495											
496	Port Non-Recurring Charges - ULS-ULS-ST										
497	Basic Line Port										
498	6	Service Order - Initial			NR9UU	NA		\$	2.35	N/A	
499	6	Service Order - Subsequent			NR9UV	NA		\$	5.40		
500	6	Service Order - Record Work Only			NR9F6	NA		\$	5.40	N/A	
501	Complex Line Port										
502	6	Service Order - Initial			NR9B5	NA		\$	27.60	N/A	

	A	B	C	D	E	F	G	H	I	J	K
1	ILLINOIS				USOC	Recurring		Non-Recurring			
503	6	Service Order - Subsequent			NR9UV	NA		\$ 11.58			
504	6	Service Order - Record Work Only			NR9F7	NA		\$ 11.58	N/A		
505											
506											
507	Port Conversion										
508	6	Basic Port Conversion (Conversion Charge - Change from one type of line-port to another, per each changed.			REAKD	NA		\$ 0.77	N/A		
509											
510	Tandem Switching										
511		per minute of use (without Tandem Trunks)			USAGE	\$ 0.000569		NA	NA		
512											

TBD -To be determined
NRO -Nonrecurring only
ICB -Individual Case Basis
NA -Not Applicable

	A	B	C	D	E	F	G	H	I	J	K
1	ILLINOIS				USOC	Recurring		Non-Recurring			
513	EELs										
514		Service Order									
515	6, 8			Electronic Establish				\$16.61			
516	6, 7			Electronic Establish (Connection)				\$10.48			
517	6, 7			Electronic Establish (Disconnection)				\$8.63			
518	6, 8			Electronic Subsequent				\$10.04			
519	6, 8			Manual Establish				\$93.25 \$0.00			
520	6, 7			Manual Establish (Connection)				\$63.12			
521	6, 7			Manual Establish (Disconnection)				\$42.47			
522	6, 8			Manual Subsequent				\$59.18			
523			2 Wire	Loop Digital Service Order Charge							
524	6, 8			Electronic Establish				\$16.61			
525	6, 7			Electronic Establish (Connection)				\$10.48			
526	6, 7			Electronic Establish (Disconnection)				\$8.63			
527	6, 8			Electronic Subsequent				\$10.04			
528	6, 8			Manual Establish				\$93.25			
529	6, 7			Manual Establish (Connection)				\$63.12			
530	6, 7			Manual Establish (Disconnection)				\$42.47			
531	6, 8			Manual Subsequent				\$59.18			
532			DS1 Loop	Service Order Charge, per ASR or LSR							
533	6, 8			Electronic Establish				\$17.27			
534	6, 7			Electronic Establish (Connection)				\$11.14			
535	6, 7			Electronic Establish (Disconnection)				\$8.63			
536	6, 8			Electronic Subsequent				\$10.04			
537	6, 8			Manual Establish				\$99.88			
538	6, 7			Manual Establish (Connection)				\$69.74			
539	6, 7			Manual Establish (Disconnection)				\$42.47			
540	6, 8			Manual Subsequent				\$59.18			
541			DS1 Transport	Service Order Charge, per ASR or LSR							
542	6, 8			Electronic Establish				\$17.56			
543	6, 7			Electronic Establish (Connection)				\$11.44			
544	6, 7			Electronic Establish (Disconnection)				\$8.63			
545	6, 8			Manual Establish				\$102.83			
546	6, 7			Manual Establish (Connection)				\$72.70			
547	6, 7			Manual Establish (Disconnection)				\$42.47			
548			DS3 Transport	Service Order Charge, per ASR or LSR							
549	6, 8			Electronic Establish				\$17.56			
550	6, 7			Electronic Establish (Connection)				\$11.44			
551	6, 7			Electronic Establish (Disconnection)				\$8.63			
552	6, 8			Manual Establish				\$102.83			
553	6, 7			Manual Establish (Connection)				\$72.70			
554	6, 7			Manual Establish (Disconnection)				\$42.47			
555			Central Office DS1 to Voice MUX	Service Order							
556	6, 8			Electronic Establish				\$17.56			
557	6, 7			Electronic Establish (Connection)				\$11.44			
558	6, 7			Electronic Establish (Disconnection)				\$8.63			
559	6, 8			Manual Establish				\$102.83			
560	6, 7			Manual Establish (Connection)				\$72.70			
561	6, 7			Manual Establish (Disconnection)				\$42.47			
562			Non-Channelized DS1 EELs	Service Order							
563	6, 8			Electronic Establish				\$17.27			
564	6, 7			Electronic Establish (Connection)				\$11.14			
565	6, 7			Electronic Establish (Disconnection)				\$8.63			
566	6, 8			Manual Establish				\$101.64			
567	6, 7			Manual Establish (Connection)				\$69.74			
568	6, 7			Manual Establish (Disconnection)				\$42.47			
569											
570		Provisioning									
571	6, 8		2 Wire Analog Loop	Connection - Initial				\$56.18			
572	6, 7			2 Wire Analog Loop Connection - Initial (Connection)				\$49.44			
573	6, 7			2 Wire Analog Loop Connection - Initial (Disconnection)				\$9.50			
574	6, 8		2 Wire Analog Loop	Connection - Additional				\$38.85			
575	6, 7			2 Wire Analog Loop Connection - Additional (Connection)				\$33.86			
576	6, 7			2 Wire Analog Loop Connection - Additional (Disconnection)				\$7.03			
577	6, 8		4 Wire Analog Loop	Connection - Initial				\$56.18			
578	6, 7			4 Wire Analog Loop Connection - Initial (Connection)				\$49.44			
579	6, 7			4 Wire Analog Loop Connection - Initial (Disconnection)				\$9.50			
580	6, 8		4 Wire Analog Loop	Connection - Additional				\$38.85			
581	6, 7			4 Wire Analog Loop Connection - Additional (Connection)				\$33.86			
582	6, 7			4 Wire Analog Loop Connection - Additional (Disconnection)				\$7.03			
583	6, 8		2 Wire Digital Loop	Connection - Initial				\$72.50			
584	6, 7			2 Wire Digital Loop Connection - Initial (Connection)				\$65.76			
585	6, 7			2 Wire Digital Loop Connection - Initial (Disconnection)				\$9.50			
586	6, 8		2 Wire Digital Loop	Connection - Additional				\$35.44			
587	6, 7			2 Wire Digital Loop Connection - Additional (Connection)				\$30.46			
588	6, 7			2 Wire Digital Loop Connection - Additional (Disconnection)				\$7.03			
589	6, 8		4 Wire DS1 Digital Loop	Connection - Initial				\$256.71			
590	6, 7			4 Wire Digital Loop Connection - Initial (Connection)				\$248.22			
591	6, 7			4 Wire Digital Loop Connection - Initial (Disconnection)				\$11.97			
592	6, 8		4 Wire DS1 Digital Loop	Connection - Additional				\$141.01			

	A	B	C	D	E	F	G	H	I	J	K
1	ILLINOIS				USOC	Recurring		Non-Recurring			
593	6, 7			4 Wire Digital Loop Connection - Additional (Connection)				\$ 135.15			
594	6, 7			4 Wire Digital Loop Connection - Additional (Disconnection)				\$ 8.25			
595	6, 8		Central	Office Multiplexing DS1 to Voice - Initial				\$72.39			
596	6, 7			Central Office Multiplexing DS1 to Voice - Initial (Connection)				\$ 66.78			
597	6, 7			Central Office Multiplexing DS1 to Voice - Initial (Disconnection)				\$ 7.92			
598	6, 8		Central	Office Multiplexing DS1 to Voice - Additional				\$39.58			
599	6, 7			Central Office Multiplexing DS1 to Voice - Additional (Connection)				\$ 36.59			
600	6, 7			Central Office Multiplexing DS1 to Voice - Additional (Disconnection)				\$ 4.20			
601	6, 8			DS1 Interoffice UDT - Collocated - Initial				\$104.45			
602	6, 7			DS1 Interoffice UDT - Collocated - Initial (Connection)				\$ 95.69			
603	6, 7			DS1 Interoffice UDT - Collocated - Initial (Disconnection)				\$ 12.35			
604	6, 8			DS1 Interoffice UDT - Collocated - Additional				\$67.78			
605	6, 7			DS1 Interoffice UDT - Collocated - Additional (Connection)				\$ 61.65			
606	6, 7			DS1 Interoffice UDT - Collocated - Additional (Disconnection)				\$ 8.64			
607											
608											
609	6, 8			4 Wire DS1 Digital Loop to DS1 Interoffice Ded. Trnspt. Collocated - Initial				\$292.84			
610	6, 7			4 Wire DS1 Digital Loop to DS1 Interoffice Ded. Trnspt. Collocated - Initial (Connection)				\$ 280.64			
611	6, 7			4 Wire DS1 Digital Loop to DS1 Interoffice Ded. Trnspt. Collocated - Initial (Disconnection)				\$ 17.20			
612	6, 8			4 Wire DS1 Digital Loop to DS1 Interoffice Ded. Trnspt. Collocated - Addt'l				\$155.01			
613	6, 7			4 Wire DS1 Digital Loop to DS1 Interoffice Ded. Trnspt. Collocated - Additional (Connection)				\$ 146.40			
614	6, 7			4 Wire DS1 Digital Loop to DS1 Interoffice Ded. Trnspt. Collocated - Additional (Disconnection)				\$ 12.13			
615											
616											
617	6, 8			DS3 Interoffice UDT - Collocated - Initial (Connection + Disconnection)				\$151.91			
618	6, 7			DS3 Digital Loop to DS1 Interoffice Ded. Trnspt. Collocated - Initial (Connection)				\$ 139.71			
619	6, 7			DS3 Digital Loop to DS1 Interoffice Ded. Trnspt. Collocated - Initial (Disconnection)				\$ 17.20			
620	6, 8			DS3 Interoffice UDT - Collocated - Addt'l				\$57.39			
621	6, 7			DS3 Digital Loop to DS1 Interoffice Ded. Trnspt. Collocated - Additional (Connection)				\$ 48.78			
622	6, 7			DS3 Digital Loop to DS1 Interoffice Ded. Trnspt. Collocated - Additional (Disconnection)				\$ 12.13			
623											
624											
625	6			Clear Channel Capability - Initial				\$ 70.32			
626	6			Clear Channel Capability - Addt'l				\$ 8.87			
627											
628				Special Access UNE Conversions							
629	6			Project Administrative Charge, per service order				\$ 25.57			
630											
631	6	Private Line to UNE Conversion						\$ 25.57			
632											
633	Unbundled Switch Port - Vertical Features										
634		Analog Line Port Features (per feature per port):									
635		Call Waiting				See Port Feature Add/Change Translation Charge, per feature NRC above					
636		Call Forwarding Variable				See Port Feature Add/Change Translation Charge, per feature NRC above					
637		Call Forwarding Busy Line				See Port Feature Add/Change Translation Charge, per feature NRC above					
638		Call Forwarding Don't Answer				See Port Feature Add/Change Translation Charge, per feature NRC above					
639		Three-Way Calling				See Port Feature Add/Change Translation Charge, per feature NRC above					
640		Speed Calling - 8				See Port Feature Add/Change Translation Charge, per feature NRC above					
641		Speed Calling - 30				See Port Feature Add/Change Translation Charge, per feature NRC above					
642		Auto Callback/Auto Redial				See Port Feature Add/Change Translation Charge, per feature NRC above					
643		Distinctive Ring/Priority Call				See Port Feature Add/Change Translation Charge, per feature NRC above					
644		Selective Call Rejection/Call Blocker				See Port Feature Add/Change Translation Charge, per feature NRC above					
645		Auto Recall/Call Return				See Port Feature Add/Change Translation Charge, per feature NRC above					
646		Selective Call Forwarding				See Port Feature Add/Change Translation Charge, per feature NRC above					
647		Calling Number Delivery				See Port Feature Add/Change Translation Charge, per feature NRC above					
648		Calling Name Delivery				See Port Feature Add/Change Translation Charge, per feature NRC above					
649		Calling Number/Name Blocking				See Port Feature Add/Change Translation Charge, per feature NRC above					
650		Anonymous Call Rejection (to date only available in Texas)				See Port Feature Add/Change Translation Charge, per feature NRC above					
651											
652	Analog Line Port Features:										
653		Personalized Ring (per arrangement per port)				See Port Feature Add/Change Translation Charge, per feature NRC above					
654		Hunting Arrangement (per arrangement)				See Port Feature Add/Change Translation Charge, per feature NRC above					
655											
656	ISDN BRI Port Features (per B Channel, unless noted)										
657		CSV/CSD per ISDN BRI port (required/provided)				See Port Feature Add/Change Translation Charge, per feature NRC above					
658											
659											
660	Unbundled Centrex System Options for ULS-ULS-ST										
661		System Features, per Common Block			USFCB	\$ 378.58		NA	NA		
662	6, 8	Centrex Common Block Establishment, each, if required						\$459.04			
663	6	System Features Change or Rearrangement, per Feature, per Occasion			REAJY	N/A		\$ 50.89			
664		System Feature Activation, per Feature, per Occasion									
665		Install and Remove			NR9VY	N/A		\$ 85.99			
666		Install Only			NR9UE	N/A		\$ 50.89			
667											

	A	B	C	D	E	F	G	H	I	J	K
1	ILLINOIS				USOC	Recurring		Non-Recurring			
668	<u>OTHER</u>										
669											
670	Directory Assistance										
671	UNE P DA										
672			Directory Assistance - per call			\$	0.258				
673			Directory Assistance - 12 month term			\$	0.255				
674			Directory Assistance - 24 month term			\$	0.250				
675			Directory Assistance - 36 month term			\$	0.245				
676			Directory Assistance Call Completion (DACC) - per call			\$	0.021				
677			National Directory Assistance - per call UNE-P			\$	0.65				
678			Facility Based DA, NDA, Reverse DA - per call			\$	0.35				
679											
680			Directory Assistance/National Directory Assistance/Reverse DA, per call		OPEN	\$	0.35	NA	NA		
681			Directory Assistance Call Completion (DACC)		OPEN	\$	0.021	NA	NA		
682			Branding - Other - Initial/Subsequent Load		OPEN			\$	1,800.00	NA	
683			- per call		OPEN	\$	0.025				
684											
685			Branding - Facility Based - Initial/Subsequent Load								
686	3		- Branding, per trunk group		OPEN	NA		\$	299.73		
687											
688			Rate Reference - Initial Load		OPEN	NA		\$	2,200.00	NA	
689			Rate Reference - Subsequent Load		OPEN	NA		\$	1,000.00	NA	
690											
691	DA Listing License 13										
692			Option #1 Full File (all states inclusive) Non-Billable Release (no query charges)								
693			- per listing for initial load		OPEN	NA		\$	0.040	NA	
694			- per listing for subsequent updates		OPEN	NA		\$	0.060	NA	
695			Option #2 Full File (all states inclusive) Billable Release								
696			- per listing for initial load		OPEN	NA		\$	0.020	NA	
697			- per listing for subsequent updates		OPEN	NA		\$	0.030	NA	
698			- per usage/query		OPEN	NA		\$	0.020	NA	
699			Option #3 Pick & Choose (by state) Non-billable Release (no query charges)								
700			- per listing for initial load		OPEN	NA		\$	0.050	NA	
701			- per listing for subsequent updates		OPEN	NA		\$	0.060	NA	
702			Option #4 Pick & Choose (by state) Billable Release								
703			- per listing for initial load		OPEN	NA		\$	0.020	NA	
704			- per listing for subsequent updates		OPEN	NA		\$	0.030	NA	
705			- per usage/query		OPEN	NA		\$	0.020	NA	
706											
707	Operator Services										
708			Fully Automated Call Processing, per occurrence		OPEN	0.018		NA	NA		
709			Manual Call Assistance - per occurrence			\$	0.364				
710											
711			Branding - Other - Initial/Subsequent Load		OPEN			\$	1,800.00	NA	
712			- per call		OPEN	\$	0.025				
713											
714			Branding - Facility Based - Initial/Subsequent Load								
715	3		- Branding, per trunk group		OPEN	NA		\$	299.73		
716											
717			Operator Services - Rate Reference - Initial Load		OPEN	NA		\$	2,200.00	NA	
718			Operator Services - Rate Reference - Subsequent Load		OPEN	NA		\$	1,000.00	NA	
719											
720	Resale										
721			Facility Based DA, NDA, Reverse DA - per call			\$	0.35				
722											
723	Non-Pub ENS					NA		\$	12.50		
724											
725											
726	Structure Access - Poles & Ducts					Annually					
727			Per Pole attachment*		OPEN	\$	1.69	NA	NA		
728			Per Foot of innerduct:								
729			with two or fewer innerducts		OPEN	\$	0.38	NA	NA		
730			with three innerducts		OPEN	\$	0.26	NA	NA		
731			with four innerducts		OPEN	\$	0.19	NA	NA		
732			Application fee		OPEN	NA		\$	200.00		
733			*For (1) each one foot of usable space, or fraction thereof, occupied and (2) each additional								
734			one foot of space, or fraction thereof, rendered unusable by the attachment's presence.								

TBD -To be determined
NRO -Nonrecurring only
ICB -Individual Case Basis
NA -Not Applicable

	A	B	C	D	E	F	G	H	I	J	K
1	ILLINOIS				USOC	Recurring		Non-Recurring			
735											
736	Emergency Number Service Access										
737	**Emergency 9-1-1 pricing is interim until an Illinois specific approved cost study										
738	is completed. The new rates will become effective automatically on the										
739	effective date of the approved cost study										
740		911 Selective Router Interconnection									
741		-Digital DS1 Interface			USAGE	\$	205.16		\$	572.39	
742		-Each DSO installed			USAGE		NA		\$	319.30	
743		-Analog Channel Interface			EVG9X	\$	19.81		\$	496.18	
744		ANI/ALI/SR and Database Management			EV69X						
745		- Per 100 records, rounded up to nearest 100			9S89X	\$	3.93				
746		911 Selective Router Switch Administration									
747		-Per Selective Router			USAGE	\$	5.06		\$	233.32	
748											
749											
750	Unbundled Access to AIN Query					BFR					
751											
752	RECIPROCAL COMPENSATION										
753		End Office Local Termination				\$	0.003746	per mou	NA		
754		Tandem Switching				\$	0.001072	per mou	NA		
755		Tandem Transport Termination, per MOU			USAGE	\$	0.000201		NA		
756		Tandem Transport Facility per MOU, per Mile			USAGE	\$	0.000013		NA		
757		ISP-bound Traffic, per MOU			USAGE	\$	0.000700		NA		
758											
759	TRANSIT SERVICE										
760		Tandem Switching, per minute of use			USAGE	\$	0.004836		NA		
761		Tandem Termination, per minute of use			USAGE	\$	0.000189		NA		
762		Tandem Facility, per minute of use			USAGE		0.0000093		NA		
763											
764	RESALE										
765											
766		The rate for resale services, including nonrecurring charges, shall be as set forth in SBC Illinois ICC Tariff No. 20, Part 22 (which shall reflect the appropriate commission ordered resale discount).									
767											
768	WHITE PAGES										
769		Extra Listings:									
770		Chicago Exchange			RLT	\$	0.82				
771		Exchange included in Chicago Suburban Directories:			RLT	\$	0.82				
772			Algonquin, Calumet City, Forest								
773			Antioch, Cary, Fox Lake								
774			Arlington Heights, Chicago Heights, Frankfort								
775			Aurora, Cicero, Franklin Park								
776			Barrington, Crete, Geneva								
777			Bartlett, Darien, Glencoe								
778			Batavia, Deerfield, Glen Ellyn								
779			Beecher, Downers Grove, Glenview								
780			Bellwood, Dundee, Grayslake								
781			Bensenville, Elgin, Half Day								
782			Berwyn, Elk Grove, Harvey								
783			Bloomingdale, Elmhurst, Highland Park								
784			Blue Island, Elwood, Hinsdale								
785			Braidwood, Evanston, Homewood								
786			Brookfield, Evergreen Park, Itasca								
787			Joliet, Oak Lawn, Warrenville								
788			La Grange, Oak Park, Wauconda								
789			Lake Forest, Orland, Waukegan								
790			Lake Villa, Palatine, West Chicago								
791			Lake Zurich, Palos Park, Western Springs								
792			Lansing, Peotone, Wheaton								
793			Lemont, Pistakee Highlands, Wheeling								
794			Libertyville, Plainfield, Willow Springs								
795			Lockport, Plattville, Wilmette								
796			Lombard, Riverdale, Wilmington								
797			Manhattan, River Grove, Winnetka								
798			Maywood, Riverside, Zion								
799			Minooka, Roselle								
800			Mokena, Round Lake								
801			Monee, St. Charles								
802			Mundelein, Schaumburg								
803			Naperville, Skokie								
804			New Lenox, Summit								
805			Northbrook, Thornton								
806			Oak Forest South, Tinley Park								
807		Other Exchange			LR2	\$	0.58				
808											
809		Private Directory Service, each separate customer service			NPU	\$	1.20				
810			The Private Directory Service rate does not apply to:								
811			A. Reversed Charge Service.								
812			B. Foreign Exchange, Foreign District or Foreign Central Office								
813			Service if the customer has other exchange service which is listed								
814			in the published telephone directory at the same address.								
815			C. Additional service furnished to the same customer who has service								
816			listed in the published telephone directory at the same address.								
817			D. A customer living in a hotel, hospital, retirement complex,								
818			apartment house, boarding house, or club if the customer is listed								

	A	B	C	D	E	F	G	H	I	J	K
1	ILLINOIS				USOC	Recurring		Non-Recurring			
819				under the telephone number of the P.B.X. or semipublic service							
820				furnished to the hotel, hospital, retirement complex, apartment							
821				house, boarding house or club.							
822				E. Temporary service furnished for short periods, such as for							
823				elections, special events (e.g., fairs, exhibits, parades, etc.)							
824				and other special situations.							
825				F. 800 Service.							
826											
827				Semi-Private Directory Service, each separate customer listing	NLT	\$	0.50				
828											
829				Number Search and Assignment	RNCSP			\$	38.00		
830											
831				Directory Price List							
832				Locality Price 2004							
833				Algonquin				\$	19.10		
834				Alton				\$	16.70		
835				Arlington Heights				\$	29.35		
836				Aurora				\$	20.45		
837				Barrington				\$	29.35		
838				Bartlett				\$	29.35		
839				Beardstown				\$	11.35		
840				Belleville				\$	16.70		
841				Bensenville				\$	29.35		
842				Big Rock				\$	20.45		
843				Bloomington				\$	29.35		
844				Blue Island				\$	25.00		
845				Buffalo Grove - Wheeling				\$	29.35		
846				Cairo				\$	11.35		
847				Calumet City				\$	25.00		
848				Canton				\$	12.25		
849				Cary				\$	19.10		
850				Chain O'Lakes				\$	19.10		
851				Champaign				\$	19.10		
852				Chicago WP				\$	41.05		
853				Chicago Heights				\$	25.00		
854				Cicero				\$	23.80		
855				Clinton County				\$	16.70		
856				Collinsville				\$	16.70		
857				Crete				\$	25.00		
858				Crystal Lake				\$	19.10		
859				Danville				\$	13.65		
860				Darien				\$	29.35		
861				Decatur				\$	16.20		
862				Deerfield				\$	25.00		
863				Delavan				\$	11.35		
864				Downers Grove				\$	29.35		
865				Dundee				\$	29.35		
866				Dwight				\$	11.80		
867				East St. Louis				\$	16.70		
868				Edwardsville				\$	16.70		
869				Elburn				\$	20.45		
870				Elgin				\$	29.35		
871				Elk Grove Village				\$	29.35		
872				Elmhurst				\$	29.35		
873				Evanston				\$	25.00		
874				Evergreen Park				\$	25.00		
875				Forrest				\$	11.35		
876				Frankfort				\$	21.00		
877				Galena				\$	14.70		
878				Geneva				\$	29.35		
879				Gibson City				\$	11.35		
880				Gilman				\$	11.80		
881				Glen Ellyn				\$	29.35		
882				Glenview				\$	25.00		
883				Granite City				\$	16.70		
884				Greenville				\$	11.80		
885				Hampshire				\$	12.25		
886				Harvard				\$	19.10		
887				Harvey				\$	25.00		
888				Highland Park				\$	25.00		
889				Hinsdale				\$	29.35		
890				Homewood				\$	25.00		
891				Joliet				\$	21.00		
892				Kankakee				\$	14.70		
893				La Grange				\$	23.80		
894				La Salle				\$	14.70		
895				Lake Forest				\$	25.00		
896				Lansing				\$	25.00		
897				Lemont				\$	21.00		
898				Libertyville				\$	23.80		
899				Lombard - Villa Park				\$	29.35		
900				Marengo				\$	19.10		
901				Maywood				\$	23.80		
902				McHenry				\$	19.10		
903				Morris				\$	12.25		

TBD -To be determined
NRO -Nonrecurring only
ICB -Individual Case Basis
NA -Not Applicable

	A	B	C	D	E	F	G	H	I	J	K
1	ILLINOIS				USOC	Recurring		Non-Recurring			
904				Mount Vernon				\$	14.70		
905				Naperville				\$	29.35		
906				Nashville				\$	11.35		
907				Oak Park				\$	23.80		
908				Olive Branch				\$	11.35		
909				Orland Park				\$	25.00		
910				Palatine				\$	29.35		
911				Park Ridge - Des Plaines				\$	23.85		
912				Peoria				\$	26.40		
913				Quad Cities				\$	27.00		
914				Quincy				\$	14.70		
915				River Grove				\$	23.80		
916				Riverdale				\$	25.00		
917				Rockford				\$	27.85		
918				Schaumburg				\$	29.35		
919				Seneca				\$	11.80		
920				Skokie				\$	25.00		
921				South Beloit				\$	13.10		
922				Springfield				\$	25.00		
923				Sterling				\$	12.25		
924				Summit				\$	25.00		
925				Tinley Park				\$	25.00		
926				Vandalia				\$	11.80		
927				Watseka				\$	11.80		
928				Waukegan				\$	23.80		
929				Wilmington				\$	21.00		
930				Winnetka				\$	25.00		
931				Woodstock				\$	19.10		
932				Yorkville				\$	20.45		
933				Zion				\$	23.80		
934											
935				Chicago Metropolitan Area (MSA-1) Name and Address Service							
936				Charge for each completed call within MSA-1 (whether the information is furnished or not)				\$	0.30		
937											
938	1 - This rate is interim, pursuant to the February 6, 2003 Order of the Illinois Commerce Commission in Docket No. 01-0662, and are subject to true-up to reflect any adjustments made by legally binding rulings in subsequent proceedings. Any true-up shall be pursuant to the requirements of that Order.										
939	2 - Intentionally Omitted										
940	3 - Pursuant to Second Interim Order in ILL. C.C. Docket Nos. 96-0486/0569 Consolidated, dated February 17, 1998.										
941	4 - Intentionally Omitted										
942	5 - Intentionally Omitted										
943	6 - Intentionally Omitted										
944	7 - In accordance with the Commission's UNE Loop Order in Docket 02-0864, the connect and disconnect charges must be disaggregated within the first quarter of 2005.										
945	8 - These rates will be replaced by rates becoming effective 3/31/05.										
946	9 - Intentionally Omitted.										
947	10 - Pursuant to ICC Dockets #96-0486/0569 Consolidated										
948	11 - Interim, subject to true-up pursuant to Section 1.6 of Appendix Pricing.										
949	12 - SBC ILLINOIS shall expressly certify that no cost recovered by routine network modification charges is recovered by any other rate or charge.										

TBD -To be determined
NRO -Nonrecurring only
ICB -Individual Case Basis
NA -Not Applicable

	A	B	C	D	E	F	G	H	I	J	K
									Year 1 (10/02/03 to 10/01/04)	Year 2 (10/02/04 to 10/01/05)	Year 3 (10/02/05 to 10/01/06)
1											
2											
3	HFPL										
4		2-Wire									
5			PSD #1 - 2-Wire Access Area C- Rural						\$ 2.85	\$ 5.70	\$ 8.55
6			PSD #1 - 2-Wire Access Area B- Suburban						\$ 1.77	\$ 3.54	\$ 5.30
7			PSD #1 - 2-Wire Access Area A- Metro						\$ 0.65	\$ 1.30	\$ 1.94
8											
9			PSD #2 - 2-Wire Access Area C- Rural						\$ 2.85	\$ 5.70	\$ 8.55
10			PSD #2 - 2-Wire Access Area B- Suburban						\$ 1.77	\$ 3.54	\$ 5.30
11			PSD #2 - 2-Wire Access Area A- Metro						\$ 0.65	\$ 1.30	\$ 1.94
12											
13			PSD #3 - 2-Wire Access Area C- Rural						\$ 2.85	\$ 5.70	\$ 8.55
14			PSD #3 - 2-Wire Access Area B- Suburban						\$ 1.77	\$ 3.54	\$ 5.30
15			PSD #3 - 2-Wire Access Area A- Metro						\$ 0.65	\$ 1.30	\$ 1.94
16											
17			PSD #4 - 2-Wire Access Area C- Rural						\$ 2.85	\$ 5.70	\$ 8.55
18			PSD #4 - 2-Wire Access Area B- Suburban						\$ 1.77	\$ 3.54	\$ 5.30
19			PSD #4 - 2-Wire Access Area A- Metro						\$ 0.65	\$ 1.30	\$ 1.94
20											
21			PSD #5 - 2-Wire Access Area C- Rural						\$ 2.85	\$ 5.70	\$ 8.55
22			PSD #5 - 2-Wire Access Area B- Suburban						\$ 1.77	\$ 3.54	\$ 5.30
23			PSD #5 - 2-Wire Access Area A- Metro						\$ 0.65	\$ 1.30	\$ 1.94
24											
25			PSD #7 - 2-Wire Access Area C- Rural						\$ 2.85	\$ 5.70	\$ 8.55
26			PSD #7 - 2-Wire Access Area B- Suburban						\$ 1.77	\$ 3.54	\$ 5.30
27			PSD #7 - 2-Wire Access Area A- Metro						\$ 0.65	\$ 1.30	\$ 1.94
28											
29		4-Wire									
30			PSD #3 - 4-Wire Access Area C- Rural						\$ 6.66	\$ 13.32	\$ 19.97
31			PSD #3 - 4-Wire Access Area B- Suburban						\$ 4.21	\$ 8.41	\$ 12.62
32			PSD #3 - 4-Wire Access Area A- Metro						\$ 1.02	\$ 2.04	\$ 3.06

APPENDIX PERFORMANCE MEASUREMENTS

TABLE OF CONTENTS

INTRODUCTION.....1

APPENDIX PERFORMANCE MEASUREMENTS

1. INTRODUCTION

- 1.1 AT&T MIDWEST REGION 5-STATE means the AT&T ILECs as identified in the General Terms and Conditions operating in the States of Illinois, Indiana, Michigan, Ohio and Wisconsin. The performance measurements and remedy plan referenced herein, notwithstanding any provisions in any other appendix in this Agreement, are not intended to create, modify or otherwise affect Parties' rights and obligations. The existence of any particular performance measure, or the language describing that measure, is not evidence that CLEC is entitled to any particular manner of access, nor is it evidence that AT&T MIDWEST REGION 5-STATE is limited to providing any particular manner of access. The Parties' rights and obligations to such access are defined elsewhere, including the relevant laws, FCC and state Commission decisions/regulations, tariffs, and within this interconnection agreement.
- 1.2 **Performance Measurements** means the set of performance measurements approved by the specific State Commission in the state-specific proceeding(s) listed in Section 1.8 below. The first set of measurements effective under this agreement is that first submitted in the proceeding listed in Section 1.8 below after October 15, 2007. For purposes of implementation, such measures shall be effective as of December 1, 2007 for performance beginning with December 2007 results, except for Michigan, where these measurements will be in effect with the first full month of performance after Commission approval of the measures.
- 1.3 **AT&T Midwest Remedy Plan** means the first remedy plan filed for State Commission review and approved in the state-specific proceeding listed in Section 1.8 below on or after October 15, 2007. For purposes of implementation, that remedy plan shall be effective as of December 1, 2007 for performance beginning with December 2007 results, except for Michigan, where the remedy plan will be in effect with the first full month of performance after Commission approval of the plan.
- 1.4 Any subsequent Commission-approved additions, modifications and/or deletions to the Performance Measurements, shall be automatically incorporated into this Agreement by reference in the first full month following the effective date of the Commission's order, or as otherwise agreed-to by the Parties.
- 1.5 Any future Commission-ordered additions, modifications and/or deletions to the AT&T Midwest Remedy Plan (and its supporting documents) in the proceedings or under the Rule as listed in Section 1.8 below, or any successor proceeding or Rule, to which no Party has objected, shall be automatically incorporated into this Interconnection Agreement by reference in the first full month following the effective data of the Commission's order, or as otherwise agreed by the Parties.
- 1.6 AT&T MIDWEST REGION 5-STATE's agreement to implement this Performance Measurements Plan will not be considered as an admission against interest or an admission of liability in any legal, regulatory, or other proceeding relating to the same performance. AT&T MIDWEST REGION 5-STATE and CLEC agree that CLEC may not use the existence of this Plan as evidence that AT&T MIDWEST REGION 5-STATE has discriminated in the provision of any facilities or services under Sections 251 or 252, or has violated any state or federal law or regulation. AT&T MIDWEST REGION 5-STATE conduct underlying its performance measures, and the performance data provided under the performance measures, however, are not made inadmissible by these terms. Any CLEC accepting this performance measurements plan agrees that AT&T MIDWEST REGION 5-STATE's performance with respect to this plan may not be used as an admission of liability or culpability for a violation of any state or federal law or regulation.
- 1.7 Nothing herein shall be interpreted to be a waiver of AT&T MIDWEST REGION 5-STATE's right to argue and contend in any forum, in the future, that sections 251 and 252 of the Telecommunications Act of 1996 impose no duty or legal obligation to negotiate and/or mediate or arbitrate a self-executing liquidated damages and remedy plan.
- 1.8 Sources of Commission authority over Performance Measures and/or the AT&T Midwest Remedy Plan:
 - Illinois – 83 IL. Administrative Code Part 731
 - Indiana – Cause No. 41657

- Michigan – Case No. U-11830
 - Ohio – Case No. 00-942-TP-COI
 - Wisconsin – 6720-TI-198 (Performance Measurements only)
 - Wisconsin – AT&T Midwest Remedy Plan as approved by the Commission in CLEC-specific ICA
- 1.9 Provisions of this Performance Measurements Appendix will terminate in accordance with Section 6.5 (Section 6.6 for Illinois and Michigan) of the AT&T Midwest Remedy Plan.

AMENDMENT TO
 INTERCONNECTION AGREEMENT
 BETWEEN
 ILLINOIS BELL TELEPHONE COMPANY d/b/a AT&T ILLINOIS
 AND
 MCIMETRO ACCESS TRANSMISSION SERVICES LLC

This TRRO Amendment amends the Interconnection Agreement by and between Illinois Bell Telephone Company d/b/a AT&T Illinois ("AT&T") and MCImetro Access Transmission Services LLC ("CLEC"). AT&T and CLEC are hereinafter referred to collectively as the "Parties" and individually as a "Party". This Amendment applies in AT&T's service territory in the State of Illinois.

WITNESSETH:

WHEREAS, AT&T and CLEC are Parties to an Interconnection Agreement under Sections 251 and 252 of the Communications Act of 1934, as amended [the "Act"], dated May 1, 2005 (the "Agreement"); and

WHEREAS, the FCC released an order on February 4, 2005 in WC Docket No 04-313 and CC Docket No. 01-338, (the "Triennial Review Remand Order" or "TRO Remand"), which became effective as of March 11, 2005;

WHEREAS, pursuant to Section 252(a)(1) of the Act, the Parties wish to amend the Agreement in order to give contractual effect to the effective portions of the TRO Remand as set forth herein;

NOW, THEREFORE, in consideration of the promises and mutual agreements set forth herein, the Parties agree to amend the Agreement as follows:

1. The Parties agree that the Agreement should be amended by the addition of the terms and conditions set forth in the TRO Remand Attachment attached hereto.
2. Conflict between this Amendment and the Agreement. 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 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 Section 2.
3. Counterparts. This Amendment may be executed in one or more counterparts, each of which when so executed and delivered shall be an original and all of which together shall constitute one and the same instrument.
4. Captions. The Parties acknowledge that the captions in this Amendment have been inserted solely for convenience of reference and in no way define or limit the scope or substance of any term or provision of this Amendment.
5. Scope of Amendment. This Amendment shall amend, modify and revise the Agreement only to the extent set forth expressly in Section 1 of this Amendment. Nothing in this Amendment shall be deemed to amend or extend the term of the Agreement, or to affect the right of a Party to exercise any right of termination it may have under the Agreement. 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.
6. This Amendment may require that certain sections of the Agreement shall be replaced and/or modified by the provisions set forth in this Amendment. The Parties agree that such replacement and/or modification shall be accomplished without the necessity of physically removing and replacing or modifying such language throughout the Agreement.

7. The Parties acknowledge and agree that this Amendment shall be filed with, and is subject to approval by the Commission and shall become effective ten (10) days following approval by such Commission (the “Amendment Effective Date”).
8. Reservation of Rights. Nothing contained in this Amendment shall limit either Party’s right to appeal, seek reconsideration of or otherwise seek to have stayed, modified, reversed or invalidated any order, rule, regulation, decision, ordinance or statute issued by the Commission, the FCC, any court or any other governmental authority related to, concerning or that may affect either Party’s obligations under the Agreement, this Amendment, any AT&T tariff, or Applicable Law. Furthermore, to the extent any terms of this Amendment are imposed by arbitration, a party’s act of incorporating those terms into the agreement should not be construed as a waiver of any objections to that language and each party reserves its right to later appeal, challenge, seek reconsideration of, and/or oppose such language.

ILLINOIS TRO/TRRO ATTACHMENT

0.1 Definitions. The following definitions are applicable to this Attachment.

- 0.1.1 **Building.** For purposes of this Attachment relative to the DS1 and DS3 loop caps as defined in Rules 51.319(a)(4)(ii) and 51.319(a)(5)(ii), a “building” or a “single building” is a structure under one roof. 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, unless such structures share the same street address (e.g., two department stores connected by a covered walkway to protect shoppers from weather would be considered two separate buildings). An educational, industrial, governmental or medical premises or campus shall constitute a single building for purposes of the DS1 and DS3 loop and transport caps provided that all of the structures are located on the same continuous property and the DS1 and/or DS3 loops are terminated at a single structure and are subsequently routed throughout the premises or campus, the property is owned and/or leased by the same end-user customer, and the property is not separated by a public roadway.
- 0.1.2 Intentionally Omitted.
- 0.1.3 Intentionally Omitted.
- 0.1.4 Intentionally Omitted.
- 0.1.5 Intentionally Omitted.
- 0.1.6 Intentionally left blank.
- 0.1.7 **Non-Impaired Wire Centers for DS1 and DS3 Unbundled High-Capacity Loops.** In accordance with Rule 51.319(a)(4), Unbundled DS1 Loop Non-Impaired Wire Centers are defined as wire centers serving at least 60,000 business lines and at least four fiber-based collocators. In accordance with Rule 51.319(a)(5), DS3 Loop Non-Impaired Wire Centers are defined as wire centers serving at least 38,000 business lines and at least four fiber-based collocators.
- 0.1.8 **Tier 1 Non-Impaired Wire Centers for DS1, DS3 and Dark Fiber Unbundled Dedicated Transport.** Tier 1 Non-Impaired Wire Centers are defined in accordance with Rule 51.319(e)(3)(i) as wire centers serving at least four fiber-based collocators, at least 38,000 business lines, or both.
- 0.1.9 **Tier 2 Non-Impaired Wire Centers for DS1, DS3 and Dark Fiber Unbundled Dedicated Transport.** Tier 2 non-impaired Wire Centers are defined in accordance with Rule 51.319(e)(3)(ii) as 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.
- 0.1.10 **Tier 3 Wire Centers.** In accordance with Rule 51.319(e)(3)(iii), Tier 3 Wire Centers are defined as wire centers that do not meet the criteria for Tier 1 and Tier 2 Wire Centers.
- 0.1.11 **Business Lines.** For purposes of determining Tier 1 and Tier 2 Wire Centers, Business Line tallies shall be calculated in accordance with the FCC’s TRRO, including Rule 51.5 as follows: A Business Line is an ILEC-owned switched access line used to serve a business customer, whether by the ILEC itself or by a CLEC that leases the line from the ILEC. The number of business lines in a wire center shall equal the sum of all ILEC business switched access lines, plus the sum of all UNE loops connected to that wire center, including UNE loops provisioned in combination with other unbundled elements. Among these requirements, business line tallies (1) shall include only those access lines connecting end-user customers with ILEC end-offices for switched services, (2) shall not include non-switched special access lines, (3) shall account for ISDN and other digital access lines by counting each 64 kbps-equivalent as one line. For example, a DS1 line corresponds to 24 64 kbps-equivalents, and therefore to 24 “Business Lines.” Centrex and PBX Trunks and Centrex Extensions will be counted as outlined in the ARMIS 43-08 reporting guidelines.
- 0.1.12 **Embedded Base.** Embedded Base used as a term in this Attachment is defined for TRO Affected Elements identified in Section 1.0 as those TRO Affected Elements for which CLEC had generated and

- AT&T had accepted a valid service order requesting the provisioning of such TRO Affected Element(s) for a customer as of the date of this Attachment. For the TRO Remand Affected Elements identified in Sections 2.0 and 3.0, the Embedded Base is defined as including those customers for which CLEC had generated and AT&T had accepted a valid service order requesting the provisioning of TRO Remand Affected Element(s) prior to March 11, 2005.
- 0.1.13 DS1 Loop. A “DS1 Loop”, in accordance with Rule 51.319(a)(4), is defined as a digital local loop having a total digital signal speed of 1.544 Mbps per second. A DS1 Loop includes the electronics necessary to provide the DS1 transmission rate digital UNE Local Loop having a total digital signal speed of 1.544 megabytes per second. A DS1 Loop also includes all electronics, optronics and intermediate devices used to establish the transmission path to the end user customer premises as well as any inside wire owned or controlled by AT&T that is part of that transmission path. DS1 Loops include, but are not limited to, two-wire and four-wire copper loops capable of providing high-bit rate DSL services, including T1 services.
- 0.1.14 Fiber-Based Collocator. A fiber-based collocator is any carrier, unaffiliated with the ILEC, that maintains a collocation arrangement in an ILEC wire center, with active electrical power supply, and operates a fiber-optic cable or comparable transmission facility that (1) terminates at a collocation arrangement within the wire center; (2) leaves the ILEC wire center premises; and (3) is owned by a party other than the ILEC or any affiliate of the ILEC, except as set forth in this paragraph. Dark fiber obtained from an ILEC on an indefeasible right of use basis shall be treated as non-ILEC fiber-optic cable. Two or more affiliated fiber-based collocators in a single wire center shall collectively be counted as a single fiber-based collocator. For purposes of this definition the term “affiliate” is defined by 47 U.S.C. §153(1).
- 0.1.15 DS3 Loop. DS3 Loops are digital transmission channels suitable for the transport of isochronous bipolar serial data at a rate of 44.736 Mbps (the equivalent of 28 DS1 channels). A DS3 Loop includes the electronics necessary to provide the DS3 transmission rate having a total digital signal speed of 44.736 megabytes per second. A DS3 Loop also includes all of the electronics, optronics and intermediate devices used to establish the transmission path to the end user customer premises as well as any inside wire owned or controlled by AT&T that is part of that transmission path.
- 0.1.16 Dedicated Transport. Dedicated Transport in accordance with Rule 51.319(e) and (e)(1) includes AT&T transmission facilities between wire centers or switches owned by AT&T, or between wire centers or switches owned by AT&T and switches owned by other telecommunications carriers, including, but not limited to, DS1-, DS3- and OCn-capacity level services, as well as dark fiber, dedicated to a particular customer or carrier.
- 0.1.17 Intentionally Omitted.
- 0.1.18 Intentionally Omitted.
- 0.1.19 “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, with or without multiplexing capabilities).
- 0.1.20 Intentionally Omitted.
- 0.1.21 ICC. ICC means the Illinois Commerce Commission.
- 0.1.22 “Rule” refers to the FCC regulations set forth in Title 47 of the U.S. Code of Federal Regulations.
- 1.0 Intentionally Omitted.
- 2.0 TRO Remand Affected Unbundled Local Circuit Switching and UNE-P Elements. To avoid any doubt, pursuant to this Attachment, AT&T is no longer required to provide any ULS/UNE-P pursuant to Section 251(c)(3) except as otherwise provided for in this Attachment, e.g., the Embedded Base during the transition periods as set forth in Section 2.0.

- 2.1 The Parties acknowledge that if CLEC does not have an Embedded Base of ULS/UNE-P end user customers served through the Agreement then the terms and conditions of this Section 2.0 as to the continued provision of the Embedded Base of ULS/UNE-P shall not apply and CLEC reserves its rights as to whether the requirements of this Section 2.0 as to the continued provision of the Embedded Base of ULS or UNE-P are in accordance with Applicable Law. In accordance with Rule 51.319(d)(2), AT&T shall not be required to provide Unbundled Local Circuit Switching and UNE-P (ULS/UNE-P) Elements under Section 251(c)(3) where the ULS/UNE-P is requested or provisioned for the purpose of serving DS-0 capacity loops, in accordance with the following provisions:
- 2.1.1 AT&T is not required to provide new ULS, either alone or in combination (as in with "UNE-P") as an unbundled network element under Section 251 of the Act for non-Embedded Base customers. AT&T shall continue to provide access to ULS and UNE-P to CLEC for CLEC to serve its Embedded Base of customers in accordance with Rule 51.319(d)(2)(iii) and orders issued by the ICC. The price for such ULS and UNE-P shall be AT&T's tariffed and effective ULS and UNE-P rates as of June 25, 2004, plus one dollar. CLEC shall be fully liable to AT&T to pay such pricing under the Agreement effective as of March 11, 2005, including applicable terms and conditions setting forth penalties for failure to comply with payment terms, notwithstanding anything to the contrary in the Agreement, provided that bills rendered prior to the effective date of this Attachment that include such rate increases shall not be subject to late payments charges, as to such increases, if CLEC pays such increased amount within thirty (30) days after the effective date of this Attachment.
- 2.1.1.1 CLEC shall be entitled to initiate feature add and/or change orders, record orders, and disconnect orders for Embedded Base customers. CLEC shall also be entitled to initiate orders for the conversion of UNE-P to a UNE line splitting arrangement to serve the same end user and UNE line splitting arrangement to UNE-P for the same end-user. CLEC shall be entitled to initiate move orders and orders for additional UNE-P lines for Embedded Base customers.
- 2.1.1.2 Feature adds and/or change orders as referenced in Section 2.1.1.1 include features that AT&T has available and activated in the Local Circuit Switch.
- 2.1.1.3 In accordance with Rule 51.319(d)(4)(i), AT&T shall provide a CLEC with nondiscriminatory access to signaling, call-related databases and shared transport facilities on an unbundled basis, in accordance with section 251 (c)(3) of the Act and in accordance with and only to the extent permitted by the terms and conditions set forth in the Agreement.
- 2.1.2 AT&T shall continue to provide access to ULS/UNE-P for CLEC to serve its Embedded Base of customers under this Section 2.1.2, in accordance with and only to the extent permitted by the terms and conditions set forth in this Attachment, 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 ULS or UNE-P;
 - (b) CLEC's transition of a ULS Element(s) or UNE-P to an alternative arrangement; or
 - (c) March 11, 2006.
- 2.1.3 In accordance with Rule 51.319(d)(2)(ii), CLECs shall migrate the Embedded Base of end-user customers off of the ULS element to an alternative arrangement within 12 months of the effective date of the TRO Remand, i.e., March 11, 2006. CLEC and AT&T agree to utilize the twelve-month transition period as set forth by the FCC in Paragraph 227 of the TRO Remand to perform the tasks necessary to complete an orderly transition including the CLECs submission of the necessary orders to convert their Embedded Base of ULS/UNE-P customers to an alternative service.

- 2.1.3.1 To the extent CLEC intends to convert its Embedded Base of ULS/UNE-P arrangements to an alternative AT&T service arrangement, CLEC shall generate the orders necessary to convert its Embedded Base of ULS/UNE-P arrangements to an alternative AT&T service arrangement in accordance with this ULS/UNE-P transition plan unless otherwise agreed to by the Parties.
- 2.1.3.2 AT&T will complete CLEC transition orders in support of the analogous service that the CLEC is requesting the ULS/UNE-P be transitioned to with any disruption to the end user's service reduced to a minimum or, where technically feasible given current systems and processes, no disruption should occur. Where disruption is unavoidable due to technical considerations, AT&T shall accomplish such conversions in a manner to minimize any disruption detectable to the end user. Where necessary or appropriate, AT&T and CLEC shall coordinate such conversions
- 2.1.3.3 CLEC agrees to pay all non-recurring charges applicable to the transition of its Embedded Base provided the order activities necessary to facilitate such transition involve physical work (physical work does not include the re-use of facilities in the same configuration) and involve other than a "record order" transaction. The rates, terms and conditions associated with such transactions are set forth in the Pricing Schedule or Tariff applicable to the service being transitioned to. To the extent that physical work is not involved in the transition, the applicable service order charge(s) will be the only non-recurring charge(s) that apply.
- 2.1.3.4 To the extent there are CLEC Embedded Base ULS/ UNE-P arrangements in place at the conclusion of the twelve (12) month transition period, AT&T, without further notice or liability, will re-price such arrangements to market-based rates.
- 2.2 The provisions of this Section 2.0, apply and are operative with respect to AT&T's unbundling obligations under Section 251 regardless of whether CLEC is requesting ULS/UNE-P under the Agreement or under a state tariff, if applicable, and regardless of whether the state tariff is referenced in the Agreement.
- 2.3 Intentionally left blank.
- 3.0 TRO Remand Affected Unbundled High-Capacity Loops and Transport**
- 3.1 AT&T is not required to provision the following new DS1, DS3, and Dark Fiber Loops, and Dedicated Transport as unbundled elements under Section 251, either alone or in a Section 251 combination except as follows:
- 3.1.1 Dark Fiber Unbundled Loops. In accordance with Rule 51.319(a)(6)(i), AT&T is not required to provide requesting telecommunications carrier with access to a dark fiber loop on an unbundled basis under Section 251.
- 3.1.2 DS1 Loops. In accordance with Rule 51.319(a)(4)(i), AT&T shall provide CLEC, upon CLEC's request, with nondiscriminatory access to DS1 Loops on an unbundled basis to any Building not served by (a) a wire center with at least 60,000 business lines and (b) at least four fiber-based collocators. Once the wire center meets the requirements of Section 4.0 and the wire center exceeds both of these thresholds, no future DS1 Loop unbundling in accordance with Section 251 will be required of AT&T in that wire center, except as otherwise set forth in this Attachment.
- 3.1.2.1 In accordance with Rule 51.319(a)(4)(ii), CLEC may obtain a maximum of ten unbundled DS1 Loops to any single Building in which DS1 Loops are available as Section 251 unbundled Loops.
- 3.1.3 DS3 Loops. In accordance with Rule 51.319(a)(5)(i) AT&T shall provide CLEC, upon CLEC's request, with nondiscriminatory access to DS3 Loops on an unbundled basis under Section 251 to any Building not served by (a) a wire center with at least 38,000 business lines and (b) at least four fiber-based collocators. Once the wire center meets the requirements of Section 4.0 and

the wire center exceeds both of these thresholds, no future Section 251 DS3 Loop unbundling will be required of AT&T in that wire center, except as otherwise set forth in this Attachment.

3.1.3.1 In accordance with Rule 51.319(a)(5)(ii), AT&T is not obligated to provision to CLEC more than one unbundled DS3 Loop to any single Building in which DS3 Loops are available as Section 251 unbundled Loops.

3.1.4 DS1 Unbundled Dedicated Transport. In accordance with Rule 51.319(e)(2) AT&T shall provide CLEC, upon CLEC's request, with nondiscriminatory access to Section 251 DS1 Unbundled Dedicated Transport. Once the wire center meets the requirements of Section 4 and the wire centers on both ends of the transport route between wire centers are determined to be Tier 1 wire centers as defined in Section 0.1.9 of this Attachment, no future Section 251 DS1 Unbundled Dedicated Transport will be required of AT&T on such routes, except as otherwise set forth in this Attachment.

3.1.4.1 In accordance with Rule 51.319(e)(2), AT&T is not obligated to provision to a CLEC more than ten unbundled DS1 Dedicated Transport circuits on each route on an unbundled basis.

3.1.5 DS3 Unbundled Dedicated Transport. In accordance with Rule 51.319(e)(2), AT&T shall provide CLEC, upon CLEC's request, with nondiscriminatory access to Section 251 DS3 Unbundled Dedicated Transport. Once the wire center meets the requirements of Section 4.0 and the wire centers on both ends of the transport route between wire centers are determined to be either Tier 1 or Tier 2 Wire Centers as defined in Sections 0.1.9 and 0.1.10 of this Attachment, no future Section 251 DS3 Unbundled Dedicated Transport will be required of AT&T on such routes, except as otherwise set forth in this Attachment.

3.1.5.1 In accordance with Rule 51.319(e)(2), AT&T is not obligated to provision to a CLEC more than twelve unbundled DS3 Dedicated Transport circuits on each route where DS3 Dedicated Transport is available on an unbundled basis under Section 251.

3.1.6 Dark Fiber Unbundled Dedicated Transport. In accordance with Rule 51.319(e)(2) AT&T shall provide CLEC, upon CLEC's request, with nondiscriminatory access to Dark Fiber Unbundled Dedicated Transport. Once the wire center meets the requirements of Section 4.0 and the wire centers on both ends of the transport route between wire centers are determined to be either Tier 1 or Tier 2 Wire Centers as defined in Sections 0.1.9 and 0.1.10 of this Attachment, no future Section 251 Dark Fiber Unbundled Dedicated Transport will be required of AT&T on such routes, except as otherwise set forth in this Attachment.

3.2 Transition of TRO Remand Affected Unbundled High Capacity Loops and Transport. For those DS1 and DS3 Loops and DS1 and DS3 Dedicated Transport facilities that AT&T is no longer required to unbundle under Section 251 under the terms of this Attachment as of March 11, 2005, AT&T shall continue to provide CLEC's Embedded Base of such arrangements ordered by CLEC before March 11, 2005 for a 12-month period beginning on March 11, 2005 and ending on March 11, 2006. For those Dark Fiber Loops, and Dark Fiber Dedicated Transport facilities that AT&T is no longer required to unbundle under Section 251 under the terms of this Attachment as of March 11, 2005, AT&T shall continue to provide such arrangements for an 18-month period beginning on March 11, 2005 and ending on September 11, 2006.

3.2.1 During the transition periods defined in Section 3.2, the rates for the High-Capacity Loop and Transport Embedded Base arrangements (including dark fiber loop and transport arrangements), in accordance with Rule 51.319(a) and Rule 51.319(e), shall be AT&T's tariffed and effective DS1 and DS3 loop, dedicated transport, and dark fiber loop and transport rates as of June 25, 2004, plus 15%. CLEC shall be fully liable to AT&T to pay such pricing under the Agreement, including applicable terms and conditions setting forth penalties for failure to comply with payment terms, notwithstanding anything to the contrary in the Agreement.

3.2.2 Where AT&T is no longer required to provide Unbundled Loops and Transport pursuant to Section 251 as defined in Section 3.1 of this Attachment, CLEC shall generate the orders necessary to disconnect or convert the Embedded Base of High-Capacity DS1 and DS3 Loop and Transport arrangements to analogous services where available in accordance with the Unbundled Loop and Transport transition plan in Section 3.2 of this Attachment unless otherwise agreed to by the Parties. With respect to Dark Fiber Loops and Transport, CLEC shall generate the orders necessary to disconnect such arrangements and return the facilities to AT&T by the end of the transition period.

3.2.2.1 AT&T will complete CLEC transition orders in accordance with the OSS guidelines in place in support of the analogous service that the CLEC is requesting the Loop or Transport arrangement be transitioned to with any disruption to the end user's service reduced to a minimum or, where technically feasible given current systems and processes, no disruption should occur. Where disruption is unavoidable due to technical considerations, AT&T shall accomplish such conversions in a manner to minimize any disruption detectable to the end user. Where necessary or appropriate, AT&T and CLEC shall coordinate such conversions.

3.2.2.2 CLEC agrees to pay all non-recurring charges applicable to the transition of its Embedded Base provided the order activities necessary to facilitate such transition involve physical work and involve other than a "record order" transaction. The rates, terms and conditions associated with such transactions are set forth in the Pricing Schedule or Tariff applicable to the service being transitioned to. To the extent that physical work is not involved in the transition, the applicable service order charge(s) and/or non-recurring charges, if any as governed by this Agreement and/or Tariff from which the service being transitioned to is ordered, will be the only non-recurring charge(s) that apply.

3.2.2.3 If CLEC has not submitted an LSR or ASR, as applicable, to AT&T requesting conversion of the Affected DS1 and DS3 Loop/Transport Elements to another wholesale service, then on March 11, 2006, AT&T, at its option, shall convert such loop(s)/transport to an analogous special access arrangement at month-to-month pricing. Nothing in this Section prohibits the Parties from agreeing upon another service arrangement within the requisite transition timeframe (e.g., via a separate agreement at market-based rates). If CLEC has not submitted an LSR or ASR, as applicable, to AT&T requesting that the Affected Dark Fiber Loop and Transport arrangements be disconnected and returned to AT&T, AT&T shall disconnect such arrangements that remain in place as of September 11, 2006.

3.3 Intentionally left blank.

4.0 Non-Impaired Wire Center Criteria and Related Processes

4.1 AT&T has designated and posted to CLEC Online a list of wire centers where it contends the thresholds for DS1 and DS3 Unbundled High-Capacity Loops as stated in Section 0.1.7 and for Tier 1 and Tier 2 Non-Impaired Wire Centers as stated in Sections 0.1.8 and 0.1.9 have been met. AT&T's designations shall be treated as controlling (even if CLEC believes the list is inaccurate) for purposes of transition and ordering unless CLEC provides a self-certification as outlined below. Until CLEC provides a self-certification for High-Capacity Loops and/or Transport for such wire center designations, CLEC will not submit High Capacity Loop and/or Transport orders based on the wire center designation, and if no self-certification is provided will transition its affected High-Capacity Loops and/or Transport in accordance with the applicable transition period. If CLEC does not provide a self-certification, CLEC will transition DS1 and DS3 Loop and Transport arrangements affected by AT&T's wire center designation as of March 11, 2005 by disconnecting or transitioning to an alternate facility or arrangement, if available, by March 11, 2006 and CLEC will transition any Dark Fiber Transport arrangements affected by AT&T's wire center designations as of March 11, 2005 by disconnecting or

transitioning to an alternate facility or arrangement, if available, by September 11, 2006. AT&T will update the CLEC Online posted list and will advise CLECs of such posting via Accessible Letter, which term for the purposes of this Section 4.0 shall be deemed to mean an Accessible Letter issued after the effective date of this Amendment, as set forth in this Section 4.0.

If the ICC has not previously determined, in any proceeding, that a wire center is properly designated as a wire center meeting the thresholds set forth in Sections 0.1.7, 0.1.8 or 0.1.9, then, prior to submitting an order for an unbundled a DS1/DS3 Loop, DS1/DS3 Dedicated Transport or Dark Fiber Dedicated Transport arrangement at a wire center designated by AT&T and posted to CLEC Online, CLEC shall perform a reasonably diligent inquiry to determine, to the best of CLEC's knowledge, whether the wire center meets the non-impairment thresholds as set forth in Sections 0.1.7, 0.1.8 or 0.1.9 of this Amendment. If, based on its reasonably diligent inquiry, the CLEC disputes the AT&T wire center non-impairment designation, the CLEC will provide a self-certification to AT&T identifying the wire center(s) that it is self-certifying for. In performing its inquiry, CLEC shall not be required to consider any lists of Non-Impaired Wire Centers compiled by AT&T as creating a presumption that a wire center is not impaired. CLEC may self-certify by sending written notification to AT&T using letter, facsimile or e-mail. In the event that the CLEC issues a self-certification to AT&T where AT&T has deemed that the non-impairment threshold has been met in a specific wire center for High-Capacity Loops and/or Transport, CLEC can continue to submit and AT&T must continue to accept and provision orders for the affected High Capacity Loops and/or Transport provided the CLEC is entitled to order such pursuant to the terms and conditions of the underlying Agreement, for as long as such self-certification remains in effect and valid pursuant to the dispute resolution provisions of Section 4.0. If CLEC makes such a self-certification, and CLEC is otherwise entitled to the ordered element under the Agreement, AT&T shall provision the requested facilities in accordance with CLEC's order and within AT&T's standard ordering interval applicable to such facilities. If AT&T in error rejects CLEC orders, where CLEC has provided self certification in accordance with this Section 4.0, AT&T will modify its systems to accept such orders within 5 business hours of CLEC notification to its account manager.

4.1.1 The parties recognize that wire centers that AT&T had not designated as meeting the FCC's non-impairment thresholds as of March 11, 2005 may meet those thresholds in the future. In the event that a wire center that was not designated by AT&T as meeting one or more of the FCC's non-impairment thresholds as of March 11, 2005 meets one or more of these thresholds at a later date, AT&T may add the wire center to the list of designated wire centers and the Parties will use the following process:

4.1.1.1 AT&T may update the wire center list as changes occur.

4.1.1.2 To designate a wire center that had previously not met one or more of the FCC's impairment thresholds but subsequently does so, AT&T will provide notification to CLEC via Accessible Letter and by a posting on CLEC Online.

4.1.1.3 AT&T will continue to accept CLEC orders for newly-designated DS1/DS3 Loops, DS1/DS3 Dedicated Transport and/or Dark Fiber Dedicated Transport without requiring CLEC self-certification for 30 calendar days after the date the Accessible Letter is issued.

4.1.1.4 In the event the CLEC disagrees with AT&T's determination, and desires not to have the applicable established DS1/DS3 Loops, DS1/DS3 Dedicated Transport and/or Dark Fiber Dedicated Transport transitioned or disconnected as set forth in Section 4.1.1.5 below, CLEC has 60 calendar days from the issuance of the Accessible Letter to provide a self-certification to AT&T.

4.1.1.5 If the CLEC does not use the self-certification process described in Section 4.0 to self-certify against AT&T's wire center designation within 60 calendar days of the issuance of the Accessible Letter, the parties must comply with the Applicable Transitional Period as follows: transition applicable to DS1/DS3 Loops is within 12 months, transition applicable to DS1/DS3 Dedicated Transport is within 12 months, and disconnection applicable to

Dark Fiber Dedicated Transport is within 18 months. All such transitional periods apply from the date of the issuance of the Accessible Letter providing the wire center designation of non-impairment. For the Applicable Transitional Period, no additional notification will be required. DS1 Loops will continue to be provisioned for a period of 12 months from the date of the Accessible Letter for existing customers. AT&T shall continue to provide access to DS1 Loops to CLEC for applicable established customer service in accordance with and only to the extent permitted by the terms and conditions set forth in this Attachment, ending upon the earlier of:

- (a) CLEC's disconnection or other discontinuance of use of DS1/DS3 Loops;
- (b) CLEC's transition of DS1/DS3 Loops to an alternative arrangement; or
- (c) the applicable transition period.

AT&T will not convert or disconnect DS1/DS3 High Capacity Loops, DS1/DS3 Dedicated Transport, or Dark Fiber Transport prior to the end of the applicable transitional period unless specifically requested by CLEC; CLEC is responsible for submitting orders to complete the transition by the end of applicable transition period.

4.1.1.6 If the CLEC does provide self-certification, AT&T may dispute CLEC's self-certification as described in Sections 4.1.3 and 4.1.4 and AT&T will accept and provision the applicable loop and transport orders for the CLEC providing the self-certification during a dispute resolution process.

4.1.1.7 During the applicable transition period, the rates paid will be the rates in effect at the time of the non-impairment designations plus 15%.

4.1.2 If the ICC has previously determined, in any proceeding, even if CLEC was not a party to that proceeding that a wire center is properly designated as a wire center meeting the thresholds set forth in Sections 0.1.7, 0.1.8 or 0.1.9, then CLEC shall not be entitled to DS1/DS3 Loops, DS1/DS3 Dedicated Transport or Dark Fiber Dedicated Transport arrangements declassified by the non-impairment status of such wire center. AT&T CLEC Online shall be updated to indicate that the wire center was the subject of an ICC determination. If CLEC withdraws its self-certification after a dispute has been filed with the ICC, but before the ICC has made a determination regarding the wire center designation, AT&T's wire center designation(s) shall become effective as to CLEC, and CLEC shall not thereafter re-submit the withdrawn self-certification.

4.1.3 The Dispute Resolution process set forth in the General Terms and Conditions of the Agreement shall not apply to a dispute of a CLEC self-certification. In the state of Illinois, if it desires to do so by filing a complaint at the ICC, AT&T may dispute the self-certification and associated CLEC orders for DS1/DS3 Loops, DS1/DS3 Dedicated Transport, and Dark Fiber Dedicated Transport pursuant to the following procedures: AT&T shall notify the CLEC of its intent to dispute the CLEC's self-certification within 30 days of the CLEC's self-certification or within 30 days of the effective date of this amendment, whichever is later. AT&T will file the dispute for resolution with the state Commission within 60 days of the CLEC's self-certification or within 60 days of the effective date of this Attachment, whichever is later. AT&T shall include with the filing its direct case testimony and exhibits which may reasonably be supplemented. To the extent this filing contains confidential information, AT&T may file that information under seal. AT&T shall offer to enter into a protective agreement under which AT&T would provide such confidential information to CLEC. AT&T shall have no obligation to provide such confidential information to any Party in the absence of an executed protective agreement. AT&T will notify CLECs of the filing of such a dispute via Accessible Letter issued within 5 business days following the filing of a dispute. If the self-certification dispute is filed with the state Commission for resolution, the Parties will not oppose requests for intervention by other CLECs if such request is related to the disputed wire center designation(s). The parties agree to urge the ICC to adopt a case schedule resulting in the prompt resolution of the dispute. During the pendency of any dispute resolution proceeding,

AT&T shall continue to provide the loop or transport facility in question to CLEC at the rates in the Pricing Schedule to the Agreement. If the CLEC withdraws its self-certification, or the state Commission determines through arbitration or otherwise that CLEC was not entitled to the provisioned DS1/DS3 Loops or DS1/DS3 Dedicated Transport or Dark Fiber Dedicated Transport under Section 251, then (with rates paid by CLEC for the affected loop or transport subject to true-up):

- (a) When AT&T designated relevant wire centers to be non-impaired before March 11, 2005, and a DS1/DS3 Loop or DS1/DS3 Dedicated Transport or Dark Fiber Dedicated Transport is ordered by CLEC pursuant to Section 251(c)(3) of the Act pursuant to a self-certification on or after March 11, 2005, and where the self-certification is reversed before the transition period specified in Section 4.1 has expired, then CLEC shall transition the DS1/DS3 Loop or DS1/DS3 Dedicated Transport or Dark Fiber Dedicated Transport according to the process in Section 4.1. Rates between the date that the circuit is provisioned and the date the circuit is transitioned shall be the equivalent special access rate or, where no such equivalent exists, the rates established in Section 3.2.1.
- (b) When AT&T designated relevant wire centers to be non-impaired before March 11, 2005, and a DS1/DS3 Loop or DS1/DS3 Dedicated Transport or Dark Fiber Dedicated Transport is ordered by CLEC pursuant to Section 251(c)(3) of the Act pursuant to a self-certification on or after March 11, 2005, and where the self-certification is reversed after the transition period specified in Section 4.1 has expired then CLEC shall transition the DS1/DS3 Loop or DS1/DS3 Dedicated Transport or Dark Fiber Dedicated Transport within 90 days of the date on which the CLEC self-certification is reversed. Rates between the date the circuit is provisioned and the date the circuit is actually transitioned shall be the equivalent special access rate or, where no such equivalent exists, the rates established in Section 3.2.1. If the CLEC has not submitted an LSR or ASR, as applicable, to AT&T within 90 days of the date on which the CLEC self-certification is reversed, then AT&T shall be entitled to convert the loop to an analogous AT&T wholesale service of its choice or in the absence of any analogous wholesale service to disconnect the arrangement.
- (c) When AT&T designated relevant wire centers to be non-impaired before March 11, 2005, and a DS1/DS3 Loop or DS1/DS3 Dedicated Transport or Dark Fiber Dedicated Transport is ordered by CLEC pursuant to Section 251(c)(3) of the Act before March 11, 2005, and where the self-certification is reversed before the transition period specified in Section 4.1 has expired then CLEC shall transition the DS1/DS3 Loop or DS1/DS3 Dedicated Transport or Dark Fiber Dedicated Transport according to the process in Section 4.1. Rates between the date that AT&T issued the Accessible Letter and the date the circuit is transitioned shall be those in Section 3.2.1.
- (d) When AT&T designated relevant wire centers to be non-impaired before March 11, 2005, and a DS1/DS3 Loop or DS1/DS3 Dedicated Transport or Dark Fiber Dedicated Transport is ordered by CLEC pursuant to Section 251(c)(3) of the Act before March 11, 2005, and where the self-certification is reversed after the transition period specified in Section 4.1 has expired then CLEC shall transition the DS1/DS3 Loop or DS1/DS3 Dedicated Transport or Dark Fiber Dedicated Transport within 90 days of the date on which the CLEC self-certification is reversed. Rates between the date AT&T issued the Accessible Letter and the end of the transition period specified in Section 4.1 shall be those in Section 3.2.1. Rates during the period between the expiration of the transition period in Section 4.1 and date the circuit is actually transitioned shall be the equivalent special access rate or, where no such equivalent exists, the rates established in Section 3.2.1. If the CLEC has not submitted an LSR or ASR, as applicable, to AT&T within 90 days of the date on which the CLEC self-certification is reversed, then AT&T shall be entitled to convert the loop to an analogous AT&T wholesale service of its choice or in the absence of any analogous wholesale service to disconnect the arrangement.

- (e) When AT&T issues an Accessible Letter designating relevant wire centers to be non-impaired after March 11, 2005, and a DS1/DS3 Loop or DS1/DS3 Dedicated Transport or Dark Fiber Dedicated Transport is ordered by CLEC pursuant to Section 251(c)(3) of the Act pursuant to a self-certification after AT&T issued the Accessible Letter, and where the self-certification is reversed before the transition period specified in Section 4.1.1.5 has expired, then CLEC shall transition the DS1/DS3 Loop or DS1/DS3 Dedicated Transport or Dark Fiber Dedicated Transport according to the process in Section 4.1.1.5. Rates between the date that the circuit is provisioned or the date 30 days following the date AT&T issued the Accessible Letter, whichever is later, and the date the circuit is transitioned shall be the equivalent special access rate or, where no such equivalent exists, the rates established in Section 4.1.1.7.
- (f) When AT&T issues an Accessible Letter designating relevant wire centers to be non-impaired after March 11, 2005, and a DS1/DS3 Loop or DS1/DS3 Dedicated Transport or Dark Fiber Dedicated Transport is ordered by CLEC pursuant to Section 251(c)(3) of the Act pursuant to a self-certification after AT&T issued the Accessible Letter, and where the self-certification is reversed after the transition period specified in Section 4.1.1.5 has expired then CLEC shall transition the DS1/DS3 Loop or DS1/DS3 Dedicated Transport or Dark Fiber Dedicated Transport within 90 days of the date on which the CLEC self-certification is reversed. Rates between the date the circuit is provisioned or the date 30 days following the date AT&T issued the Accessible Letter, whichever is later, and date the circuit is actually transitioned shall be the equivalent special access rate or, where no such equivalent exists, the rates established in Section 4.1.1.7. If the CLEC has not submitted an LSR or ASR, as applicable, to AT&T within 90 days of the date on which the CLEC self-certification is reversed, then AT&T shall be entitled to convert the loop to an analogous AT&T wholesale service of its choice or in the absence of any analogous wholesale service to disconnect the arrangement.
- (g) When AT&T issues an Accessible Letter designating relevant wire centers to be non-impaired after March 11, 2005, a DS1/DS3 Loop or DS1/DS3 Dedicated Transport or Dark Fiber Dedicated Transport is ordered pursuant to Section 251(c)(3) of the Act before AT&T issued the Accessible Letter, and where the self-certification is reversed before the transition period specified in Section 4.1 has expired then CLEC shall transition the DS1/DS3 Loop or DS1/DS3 Dedicated Transport or Dark Fiber Dedicated Transport according to the process in Section 4.1. Rates during the period between the date that is 30 days following the date that AT&T issued the Accessible Letter and the date the circuit is transitioned shall be those in Section 4.1.1.7.
- (h) When AT&T issues an Accessible Letter designating relevant wire centers to be non-impaired after March 11, 2005, a DS1/DS3 Loop or DS1/DS3 Dedicated Transport or Dark Fiber Dedicated Transport is ordered pursuant to Section 251(c)(3) of the Act before AT&T issued the Accessible Letter, and where the self-certification is reversed after the transition period specified in Section 4.1.1.5 has expired then CLEC shall transition the DS1/DS3 Loop or DS1/DS3 Dedicated Transport or Dark Fiber Dedicated Transport within 90 days of the date on which the CLEC self-certification is reversed. Rates between the date 30 days after the date AT&T issued the Accessible Letter and the end of the transition period specified in Section 4.1.1.5 shall be those in Section 4.1.1.7. Rates during the period between the expiration of the transition period in Section 4.1.1.5 and date the circuit is actually transitioned shall be the equivalent special access rate or, where no such equivalent exists, the rates established in Section 4.1.1.7. If the CLEC has not submitted an LSR or ASR, as applicable, to AT&T within 90 days of the date on which the CLEC self-certification is reversed, then AT&T shall be entitled to convert the loop to an analogous AT&T wholesale service of its choice or in the absence of any analogous wholesale service to disconnect the arrangement.

- 4.1.4 In the event of a dispute following CLEC's self-certification, upon request by the Commission or CLEC, AT&T will make available, subject to the appropriate state or federal protective order, and other reasonable safeguards, all documentation and all data upon which AT&T intends to rely.
- 4.1.5 When more than 60 days from the issuance of an AT&T designation of a wire center as non-impaired has elapsed, and if there has been no prior ICC determination of non-impairment as to the applicable wire center(s), CLEC can thereafter still self-certify for the purpose of ordering new loop and transport facilities. AT&T may dispute CLEC's self-certification as described in Section 4.1.3 through 4.1.4 and AT&T will accept and provision the applicable loop and transport orders for the CLEC providing the self certification during a dispute resolution process.
- 4.2 The provisions of Section 3.2.2, 3.2.2.1, 3.2.2.2 and 3.2.2.3 shall apply to the transition of DS1/DS3 Loops, DS1/DS3 Dedicated Transport or Dark Fiber Dedicated Transport arrangements impacted by wire center designation(s). Requested transitions of DS1/DS3 Loops, DS1/DS3 Dedicated Transport or Dark Fiber Dedicated Transport arrangements shall be performed in a manner that reasonably minimizes the disruption or degradation to CLEC's customer's service, and all applicable charges shall apply. Cross-connects provided by AT&T in conjunction with such Loops and/or Transport shall be billed at applicable wholesale rates (i.e. if conversion is to an access product, they will be charged at applicable access rates, as of the date of conversion). Cross-connects that are not associated with such transitioned DS1/DS3 High-Capacity Loops, DS1/DS3 Dedicated Transport or Dark Fiber Dedicated Transport arrangements shall not be re-priced.
- 4.3 Intentionally left blank.
- 4.4 A Building that is served by both an impaired wire center and a Non-Impaired Wire Center and that is not located in the serving area of the non-impaired wire center will continue to have Affected Elements available from the impaired wire center and support incremental moves, adds, and changes otherwise permitted by the Agreement, as amended.
- 4.5 Notwithstanding anything to the contrary in the Agreement, including any amendments to the Agreement, at the end of the Applicable Transitional Period, unless CLEC has submitted a disconnect/discontinuance LSR or ASR, as applicable, under Section 3.2.2 above, and if CLEC and AT&T ILLINOIS have failed to reach agreement under Section 3.2.2.3 above as to a substitute service arrangement or element, then AT&T may, at its sole option, disconnect Dark Fiber element(s), whether previously provided alone or in combination with or as part of any other arrangement, or convert the subject element(s), whether alone or in combination with or as part of any other arrangement to an analogous resale or access service, if available at rates applicable to such analogous service or arrangement.
- 4.6 Whenever AT&T updates its wire center list pursuant to Section 4.1.1.1 and in the course of that analysis gathers and/or reviews information upon which said updates are based, AT&T shall make available to CLEC, on a confidential basis, information advising when it believes a wire center has reached 90% of the number of Business Lines needed for the wire center to be classified as a Tier 1 or a Tier 2 Wire Center. In addition, AT&T will specify which wire centers it considers to have 2 Fiber-Based Collocators and 3 Fiber-Based Collocators. This information shall only be used by CLEC for planning its transition off of the UNE loops and transport it purchases from AT&T.
- 4.7. Intentionally omitted.
- 5.0 Intentionally Omitted.
- 6.0 EELs
- 6.1 AT&T agrees to make available to CLEC Enhanced Extended Links ("EELs") on the terms and conditions set forth below. AT&T 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 this Agreement. Except as provided below in this Section 6.0 and subject to this Section 6.1, AT&T shall provide access

- to Section 251 UNEs and combinations of Section 251 UNEs without regard to whether CLEC seeks access to the UNEs to establish a new circuit or to convert an existing circuit from a service to UNEs provided the rates, terms and conditions under which such Section 251 UNEs are to be provided are included within the CLEC's underlying Agreement.
- 6.2 An EEL that consists of a combination of voice grade to DS-0 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 Criteria set out in this Sections 6.2 and 6.3. If an EEL is made up of a combination that includes one or more of the following described combinations (the "High-Cap EELs"), each circuit to be provided to each customer is required to terminate in a collocation arrangement that meets the requirements of Section 6.3.4 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 collocation arrangement via a cross-connect unless the EEL is Commingled with a wholesale service in which case the wholesale service must terminate at the collocation). A High-Cap EEL is either:
- (A) 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
 - (B) 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 dedicated DS3 transport facility in combination, or Commingled, with an unbundled DS1 Loop or a DS1 channel termination service, or to an unbundled DS3 Loop or a DS3 or higher channel termination service.
- 6.3 AT&T shall make Low Capacity EELs available to CLEC without restriction, except as otherwise provided in the Agreement or this Attachment. AT&T shall provide access to the High-Cap EELs (Sections 6.2(A) and 6.2(B)) only when CLEC satisfies the following service Eligibility Criteria:
- 6.3.1 CLEC (directly and not via an affiliate) has received state certification (or equivalent regulatory approval, as applicable) from the Commission to provide local voice service in the area being served. By issuing an order for an EEL, CLEC certifies that it has the necessary processes and procedures in place to certify that it will meet the EELs Eligibility Criteria for each such order it submits. AT&T hereby acknowledges that CLEC has received sufficient state certifications to satisfy these criteria.
- 6.3.1.1 At CLEC's option, CLEC may also or alternatively provide self certification via email or letter to AT&T. Provided that AT&T has received such self certification from CLEC, AT&T shall not deny CLEC access to High-Capacity EELs. Anything to the contrary in this Section notwithstanding, CLEC shall not be required to provide certification to obtain access to Low Capacity EELs, other Combinations or individual unbundled Network Elements.
- 6.3.1.1.1 This alternative method of certification-by-order applies only to certifications of Eligibility Criteria set forth in this Section 6, and not to self-certifications relative to routes, Buildings and wire centers.
- 6.3.2 The following Eligibility Criteria must be satisfied for each High-Cap EEL, including without limitation each DS1 circuit, each DS3 circuit, each DS1 EEL and each DS1 equivalent circuit on a DS3 EEL in accordance with Rule 51.318(b)(2):
- (i) Each circuit to be provided to each customer will be assigned a local number prior to the provision of service over that circuit. Each DS1 circuit to be provided to each end user customer will have at least one DS-0 assigned a local telephone number (NPA-NXX-XXXX).
 - (ii) Each DS1-equivalent circuit on a DS3 EEL must have its own local telephone number assignment, so that each DS3 must have at least 28 local voice telephone numbers assigned to it;
 - (iii) Each DS1 equivalent circuit to be provided to each customer will have designed 911 or E911 capability prior to the provision of service over that circuit.

- (iv) Each DS1 circuit to be provided to each customer will terminate in a collocation arrangement meeting the requirements of Section 6.3.4 of this Attachment;
 - (v) Each DS1 circuit to be provided to each end user customer will be served by an interconnection trunk that meets the requirements of Section 6.3.5 of this Attachment;
 - (vi) 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 6.3.5 of this Attachment; and
 - (vii) Each DS1 circuit to be provided to each customer will be served by a switch capable of switching local voice traffic.
- 6.3.3 The Eligibility Criteria set forth in this Section 6.3 shall apply to any arrangement that includes more than one of the UNEs, facilities, or services set forth in Section 6.2, including, without limitation, to any arrangement where one or more UNEs, facilities, or services not set forth in Section 6.2 is also included or otherwise used in that arrangement (whether as part of a UNE combination, Commingled Arrangement, or a Special Access to UNE Conversion), and irrespective of the placement or sequence of them.
- 6.3.4 Pursuant to the collocation terms and conditions in the underlying Agreement, a collocation arrangement meets the requirements of this Section 6.0 if it is:
- (A) Established pursuant to Section 251(c)(6) of the Act and located at AT&T's premises within the same LATA as the customer's premises, when AT&T is not the collocator; or
 - (B) Established pursuant to any collocation type defined in any AT&T Tariff to the extent applicable, or any applicable CLEC interconnection agreement.
 - (C) Located at a third party's premises within the same LATA as the customer's premises, when the incumbent LEC is the collocator.
- 6.3.5 Pursuant to the network interconnection terms and conditions in the underlying Agreement, an interconnection trunk meets the requirements of Sections 6.3.2(v) and (vii) of this Attachment if CLEC will transmit the calling party's Local Telephone Number in connection with calls exchanged over the trunk.
- 6.3.6 Before (1) converting a High-Cap wholesale service to a High-Cap EEL, (2) ordering a new High-Cap EEL Arrangement, or (3) ordering a High-Cap EEL that is comprised of Commingled wholesale services and UNEs, CLEC must certify to all of the Eligibility Criteria set out in Section 6.3 for each circuit. To the extent the Eligibility Criteria for High Cap EELs apply, CLEC shall be permitted to self-certify its compliance with the Eligibility Criteria by providing AT&T notification pursuant to Sections 6.3.1 and/or 6.3.1.1. Upon CLEC's self-certification of compliance, in accordance with this Attachment, AT&T shall provide the requested EEL in accordance with this Attachment, and shall not exercise self help to deny the provisioning of the requested EEL; provided, however, that CLEC shall promptly share records of its compliance with the qualifying service criteria discussed herein upon request from AT&T.
- 6.3.7 AT&T may audit CLEC's compliance with the Eligibility Criteria by obtaining and paying for an independent auditor to audit, on no more frequently than an annual basis, CLEC's compliance in Illinois with the conditions set out in Section 6. Such an audit will be initiated only to the extent reasonably necessary to determine CLEC's compliance with the Eligibility Criteria. For purposes of calculating and applying an "annual basis", "annual basis" shall mean a consecutive 12-month period, beginning upon AT&T's written notice that an audit will be performed for Illinois.
- 6.3.7.1 To invoke its limited right to audit, AT&T will send a Notice of Audit to CLEC, identifying examples of particular High-Cap EELS for which AT&T alleges non-compliance and the cause upon which AT&T rests its audit. The Notice of Audit shall state the proposed scope of the audit and include all supporting documentation upon which AT&T establishes the cause that forms the basis of its belief that CLEC is non-compliant. Such Notice of Audit will be delivered to CLEC with supporting documentation no less than thirty (30) calendar days prior to the date upon which AT&T seek to commence an audit.

The Notice of Audit shall identify the proposed independent auditor. Such auditor may not be substantially dependent upon either Party for work.

- 6.3.7.2 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, 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 Eligibility Criteria. The independent auditor’s report will conclude whether CLEC complied in all material respects with the Eligibility Criteria.
- 6.3.7.3 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.
- 6.3.7.4 AT&T shall provide CLEC with a copy of the independent auditor’s report within 2 business days from the date of receipt. The independent auditor’s report shall state the scope of the audit that was performed. If CLEC disagrees as to the findings or conclusions of the auditor’s report, CLEC may bring a dispute directly to the ICC. Prior to bringing a dispute to the ICC under this section, however, CLEC shall provide notice of the dispute to AT&T so that the Parties can discuss possible resolution of the dispute. Such dispute resolution discussions shall be completed within fourteen (14) days of the date the auditor’s report was provided to CLEC and CLEC may not initiate a dispute resolution proceeding at the ICC until after expiration of this fourteen (14) day period. The Dispute Resolution process set forth in the General Terms and Conditions of the Agreement shall not apply to a dispute of the findings or conclusions of the auditor’s report. If the auditor’s report concludes that CLEC failed to comply with the Eligibility Criteria for a High-Cap EEL, CLEC must true-up any difference in payments paid to AT&T and the rates and charges CLEC would have owed AT&T beginning from the date that the non-compliance of the High-Cap EEL with the Eligibility Criteria, in whole or in part, began. CLEC shall submit orders to AT&T to either convert all noncompliant High-Cap EELs to the equivalent or substantially similar wholesale service or disconnect non-compliant High-Cap EELs. Conversion and/or 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 trued-up and correct rates and charges for each converted High-Cap EEL beginning with the next billing cycle following AT&T’s acceptance of such order, unless CLEC disputes the auditor’s finding and initiates a proceeding at the ICC for resolution of the dispute, in which case no changes shall be made until the ICC rules on the dispute. However CLEC shall pay the disputed amount into an escrow account governed by an appropriate joint escrow arrangement, pending resolution. With respect to any noncompliant High-Cap EEL for which CLEC fails to submit a conversion or disconnect order or dispute the auditor’s finding to the ICC within such 30-day time period, AT&T may initiate and effect such a conversion on its own without any further consent by CLEC. If converted, CLEC must convert the non-compliant High-Cap EEL to an equivalent or substantially similar wholesale service, or group of wholesale services. Reasonable steps will be taken to avoid disruption to CLEC’s customer’s service or degradation in service quality in the case of conversion. 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 High-Cap EEL for any period in which High-Cap EEL does not meet the Eligibility Criteria for that High-Cap EEL. Furthermore, if CLEC disputes the auditor’s finding and initiates a proceeding at the ICC and if the ICC upholds the auditor’s finding, any disputed amounts held in escrow shall be paid to AT&T and AT&T shall retain any disputed amounts already paid by CLEC.

- 6.3.7.5 If the auditor's report concludes that CLEC failed to comply with the Eligibility Criteria for any High-Cap EELs, CLEC will reimburse AT&T for a fraction of the cost of the independent auditor equal to the number of High-Cap EELs that the auditor's report finds to be non-compliant divided by the total number of all High-Cap EELs leased by CLEC that were the subject of the audit. All costs of the independent auditor for which AT&T seeks reimbursement shall be commercially reasonable. The CLEC reimbursement in this Section 6.3.7.5 is only applicable where there is an auditor finding of noncompliance and no Party challenges this finding with the ICC, or if there is an auditor finding of noncompliance followed by a Party filing a challenge to this finding with the ICC followed by the ICC affirming the auditor finding of noncompliance.
- 6.3.7.6 To the extent the auditor's report concludes that CLEC complied with the Eligibility Criteria for all High-Cap EELS that were audited, AT&T must reimburse CLEC for all of its reasonable costs associated with the audit.
- 6.3.7.7 CLEC will maintain the appropriate documentation to support its self certifications of compliance with the Eligibility Criteria pursuant to the document retention terms and conditions of the underlying Agreement. To the extent the underlying Agreement does not include document retention terms and conditions, CLEC will maintain the appropriate documentation to support its self certifications for as long as the Agreement is operative, plus a period of two years.
- 6.3.7.8 AT&T can seek an audit for any particular High-Cap EEL for the period which is the shorter of (i) the period subsequent to the last day of the period covered by the audit which was last performed, provided that the High-Cap EEL was within the scope of such prior audit as stated in the independent auditor's report. and (ii) the twenty-four (24) month period immediately preceding the date notice of such requested audit is provided to CLEC, but in any event not prior to the date the circuit was established.
- 6.3.7.9 In the event the underlying Agreement does not contain a backbilling statute of limitations, backbilling pursuant to Section 6.0 is limited to two years prior to the date of the Notice of Audit.

6.4 Provisioning for EELs

- 6.4.1 With respect to an EEL, CLEC will be responsible for all Channel Facility Assignment ("CFA") and/or Assigned Point of Termination ("APOT"). The CFA/APOT are the assignments CLEC provides to AT&T from CLEC's collocation arrangement.
- 6.4.2 AT&T will perform all maintenance functions on EELs during a mutually agreeable timeframe to test and make adjustments appropriate for maintaining the UNEs in satisfactory operating condition. No credit will be allowed for normal service disruptions involved during such testing and adjustments. Standard credit practices will apply to any service disruptions not directly associated with the testing and adjustment process.
- 6.4.3 EELs may utilize multiplexing capabilities. The High Cap EEL may be obtained by CLEC if available and if CLEC meets all Eligibility Criteria set forth in this Section 6.0.

- 6.5 Other than the Eligibility Criteria set forth in this Section, AT&T shall not impose limitations, restrictions, or requirements on requests for the use of UNEs for the service CLEC seeks to offer.

7.0 Intentionally Omitted.

8.0 Intentionally Omitted.

- 8.1 Intentionally omitted.

8.2 Routine Network Modifications –UNE Dedicated Transport and Dark Fiber

- 8.2.1 AT&T shall make all routine network modifications to UNE Dedicated Transport including Dark Fiber facilities used by CLEC where the requested UNE Dedicated Transport including Dark Fiber facilities have already been constructed. AT&T shall perform all routine network modifications to UNE Dedicated Transport including Dark Fiber facilities in a nondiscriminatory fashion, without regard to whether the UNE Dedicated Transport including Dark Fiber facility being accessed was constructed on behalf, or in accordance with the specifications, of any carrier.
- 8.2.2 A routine network modification is an activity that AT&T regularly undertakes for its own customers. Routine network modifications include, but are not limited to, 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 and 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.
- 8.2.3 Routine network modifications do not include the construction of new UNE Dedicated Transport including Dark Fiber; installing new aerial or buried cable; securing permits or rights-of-way; constructing and/or placing new manholes or conduits or installing new terminals. AT&T is not obligated to perform the above stated activities for CLEC. However, when CLEC purchases Dark Fiber, AT&T shall not be obligated to provide the optronics for the purpose of lighting the Dark Fiber.

- 9.0 **Batch Hot Cut Process:** The “Batch Hot Cut Process Offerings” are new hot cut processes developed after multi-state collaboration between AT&T and interested CLECs. The Batch Hot Cut Process Offerings are available to CLECs in addition to any hot cut processes available pursuant to CLEC’s underlying interconnection agreement. The Batch Hot Cut Process Offerings are designed to provide additional hot cut options for conversions of voice service provisioned by AT&T as retail, resale, UNE-P or Local Wholesale Complete™ (including instances where such arrangement is provided through a commercial arrangement) to non-AT&T-provided switching. Detailed information and documentation regarding each of the Batch Hot Cut Process Offerings (including order guidelines, supported ordering scenarios, volume limitations (where applicable), and available due date intervals/cut times) is contained on AT&T’s CLEC Online website (or successor website). Any future enhancements or modifications to AT&T’s Batch Hot Cut Process Offerings will be made in accordance with AT&T’s Change Management Process. AT&T will ensure that its Batch Hot Cut Process Offerings comply with all applicable ICC batch cut rulings. Any changes to the volumes, provisioning, intervals or prices of AT&T’s Batch Hot Cut Process Offerings shall be incorporated into the Agreement by amendment, based on negotiations between AT&T and CLEC, or, if necessary, in accordance with Section 252. Any disputes between AT&T and CLEC relating to AT&T’s Batch Hot Cut Process Offerings shall be handled in accordance with the dispute resolution processes in the Agreement.

9.1 General:

- 9.1.1 **Enhanced Daily Process:** The “Enhanced Daily Process” option is designed to support hot cuts associated with new customer acquisitions. AT&T places no limitations on the number of Enhanced Daily Process orders CLEC may place per day.
- 9.1.2 **Defined Batch Hot Cut Process** – The “Defined Batch Hot Cut Process” is designed to support hot cuts associated with the conversion of CLEC’s embedded base customers from service provisioned using AT&T -provided switching to service provisioned using CLEC-provided switching. CLEC may request up to one hundred hot cuts per day per central office using the Defined Batch Hot Cut Process. The maximum number of Defined Batch Hot Cut Process requests that AT&T must accept for a single day in a single central office for all CLECs combined is two hundred lines.
- 9.1.3 **Bulk Project Offering** – The “Bulk Project Offering” is designed to support large volumes of hot cuts associated with the conversion of CLEC’s embedded base customers from service

provisioned using AT&T -provided switching to service provisioned using CLEC -provided switching.

- 9.1.4 The Coordinated Hot Cut (“CHC”) and Frame Due Time (“FDT”) options for the Enhanced Daily Process, the Defined Batch Process, and the Bulk Project offering (collectively, the “Batch Hot Cut Offerings”) are specific to these processes and may differ from CHC and FDT options offered for other hot cut offerings. The CHC option for the Batch Hot Cut Offerings allows a CLEC to request that AT&T reserve central office and local operation personnel to coordinate with the CLEC during a given time frame to migrate the end user with a minimum of downtime. The FDT option for the Batch Hot Cut Offerings allows CLEC to request that AT&T perform the hot cut anytime within a given time frame (typically an hour) on the loop due date.”
- 9.1.5 If the CLEC is acting as a wholesale switching provider to the end user’s retail voice provider, the CLEC will submit Batch Hot Cut Process orders using the CLEC’s OCN and the end user’s retail voice provider will not issue orders to AT&T. AT&T will accept the Batch Hot Cut order from the CLEC acting as a wholesale switching provider and perform the batch hot cuts that cross-connect the unbundled loops to the wholesale CLEC’s collocation. If CLEC requests Batch Hot Cuts while acting as a wholesale switching provider, AT&T will assess the applicable charges for the Batch Hot Cut to CLEC, not to the retail voice provider. When CLEC is acting as a wholesale switching provider, it may include requests for batch hot cuts for lines currently served by one or more retail CLECs, as well as lines from its own embedded base, within the same batch.
- 9.2 Pricing for Batch Hot Cut Process Offerings
 - 9.2.1 The per line rates applicable for each available Batch Hot Cut Process Offering option are set forth on the attached Batch Hot Cut Process Offerings Pricing Schedule, which is incorporated herein by this reference. The rates contained in the Batch Hot Cut Process Offering Pricing Schedule only apply to Batch Hot Cut Process Offering hot cut requests. To the extent that the rate application and/or rate structure for the Batch Hot Cut Process Offerings conflicts with provisions contained in CLEC’s underlying interconnection agreement, the rate structure and/or rate application contained in the Batch Hot Cut Process Offering Pricing Schedule prevails for Batch Hot Cut Process Offering requests only. This amendment does not modify the rate structure or rates applicable for any hot cuts requested using other hot cut processes supported by CLEC’s underlying interconnection Agreement.

10.0 Intentionally Omitted.

11.0 Intentionally Omitted.

12.0 Use Of Section 251 Unbundled Network Elements

12.1 Intentionally Omitted.

12.2 CLEC may not access an unbundled network element under Section 251 for the exclusive provision of mobile wireless services or interexchange services.

12.3 Intentionally Omitted.

13.0 Intentionally Omitted.

14.0 Intentionally Omitted.

15.0 Entrance Facilities and Interconnection Facilities

15.0 In exchange for including in this TRRO Amendment the Commission-ordered resolution of the Entrance Facility issue raised in Docket 05-0442 (Issue 5, Sections 15.2, 15.3 and 15.4), the Parties agree that this Section 15 of the TRRO Amendment supersedes the Parties’ prior implementation in the Agreement of the ICC-ordered resolution of Pricing Issue 15 in the MCI/SBC Illinois Arbitration Order, Docket 04-0469. In particular, the Parties agree that as of the effective date of this TRRO Amendment,

the continued inclusion (if any) of the rates for Entrance Facilities set forth in lines 270-276 of the Pricing Schedule to the Agreement is only for purposes of the ICC's order in Docket 05-0442, and not as a result of the ICC's order in Docket 04-0469. MCI further agrees that, as of the effective date of this TRRO Amendment, MCI will not assert a prospective right to obtain entrance facilities on the basis of the ICC-ordered resolution of Pricing Issue 15 in Docket 04-0469.

- 15.1 Dedicated Transport facilities that do not connect a pair of incumbent LEC wire centers, including but not limited to, the transmission facilities that connect CLEC's networks with AT&T's networks, are Entrance Facilities that will no longer be Unbundled Network Elements provided pursuant to 47 U.S.C. § 251(c)(3) under the Agreement. Effective immediately, CLEC shall not place orders for new Entrance Facilities as UNEs. As to existing Entrance Facility UNEs, CLEC must within 90 days of the Effective Date of this Attachment either request disconnection; submit a request for analogous access service; or identify and request another alternative service arrangement.
- 15.2 Notwithstanding Section 15.1, AT&T is required to provide access to facilities that CLEC requests to interconnect with AT&T's network for the transmission and routing of telephone exchange service and exchange access service, in accordance with the requirements of Section 251(c)(2) of the Act ("Interconnection Facilities").
- 15.3 Intentionally Omitted.
- 15.4 For avoidance of doubt, CLEC may request that an Entrance Facility UNE be reclassified as an Interconnection Facility pursuant to Section 15.1 if CLEC will use the facility for interconnection in accordance with Section 15.2. AT&T will perform such reclassification at no charge.

Batch Hot Cut Process Offerings Pricing Schedule

<u>Rate Element</u>	<u>USOC</u>	<u>Rate</u>
<u>Enhanced Daily Rates</u>		
Enhanced Daily FDT Basic	NRFHA	\$29.84
Enhanced Daily CHC Basic	NRFHB	\$33.92
Enhanced Daily IDLC Basic	NRFHC	\$89.31
<u>Defined Batch Rates</u>		
Defined FDT Basic	NRFHD	\$25.28
Defined CHC Basic	NRFHE	\$26.64
Defined FDT Expanded	NRFHF	\$25.62
Defined CHC Expanded	NRFHG	\$26.92
Defined IDLC Basic	NRFHH	\$88.65
<u>Bulk Batch Rates</u>		
Bulk FDT Basic	NRFHJ	\$25.21
Bulk CHC Basic	NRFHK	\$26.57
Bulk FDT Expanded	NRFHL	\$25.54
Bulk CHC Expanded	NRFHM	\$26.86
Bulk FDT Premium	NRFHN	\$27.68
Bulk CHC Premium	NRFHO	\$29.30
Bulk IDLC Basic	NRFHP	\$88.65

**AMENDMENT
SUPERSEDING CERTAIN RECIPROCAL COMPENSATION,
INTERCONNECTION AND TRUNKING TERMS**

This Amendment Superseding Certain Reciprocal Compensation, Interconnection and Trunking Terms ("Amendment") is applicable to this and any future Interconnection Agreement between 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, Wisconsin Bell Inc. d/b/a AT&T Wisconsin, Nevada Bell Telephone Company d/b/a AT&T Nevada, Pacific Bell Telephone Company d/b/a AT&T California, The Southern New England Telephone Company d/b/a AT&T Connecticut, and Southwestern Bell Telephone Company d/b/a AT&T Arkansas, AT&T Kansas, AT&T Missouri, AT&T Oklahoma and/or AT&T Texas in the states of Arkansas, California, Connecticut, Illinois, Indiana, Kansas, Michigan, Missouri, Nevada, Ohio, Oklahoma, Texas or Wisconsin and any of its future affiliates or subsidiaries which are the Incumbent Local Exchange Carrier (hereinafter "ILEC") in the above listed states and MCImetro Access Transmission Services LLC (including those Agreements held by MCI as successor in interest to Brooks Fiber Communications of Arkansas, Inc., Brooks Fiber Communications of Bakersfield, Inc., Brooks Fiber Communications of Connecticut, Inc., Brooks Fiber Communications of Fresno, Inc., Brooks Fiber Communications of Michigan, Inc., Brooks Fiber Communications of Missouri, Inc., Brooks Fiber Communications of Nevada, Inc., Brooks Fiber Communications of Ohio, Inc., Brooks Fiber Communications of Oklahoma, Inc., Brooks Fiber Communications of Sacramento, Inc., Brooks Fiber Communications of San Jose, Inc., Brooks Fiber Communications of Stockton, Inc., Brooks Fiber Communications of Texas, Inc., Brooks Fiber Communications of Tulsa, Inc.; MCI WORLDCOM Communications, Inc., f/k/a MFS Communications Company, Inc. or MFS Intelenet of Connecticut, Inc. or WorldCom Technologies, Inc. or MCI WorldCom Technologies, Inc., Intermedia Communications LLC) and any of its future affiliates or subsidiaries which are a competitive Local Exchange Carrier (hereinafter "CLEC") in: California, Nevada, Texas, Missouri, Oklahoma, Kansas, Arkansas, Illinois, Wisconsin, Michigan, Indiana, Ohio, or Connecticut ("13-State Region") through the Termination Date, whether negotiated, arbitrated, or arrived at through the exercise of Section 252 (i) "Most Favored Nation" ("MFN") rights; but only to the extent that any such future CLEC affiliate or subsidiary (i) is operating as a competitive Local Exchange Carrier in ILEC's territory in the 13-State Region and (ii) is interconnected and exchanging traffic with ILEC as a competitive Local Exchange Carrier. The Parties acknowledge and agree that CLEC has competitive Local Exchange Carrier affiliates that, in addition to operating as a competitive Local Exchange Carrier, operate as an incumbent Local Exchange Carrier or in some other Non-CLEC capacity ("Non-CLEC Operations"). The Parties agree that nothing in this Amendment is intended to bind CLECs future competitive Local Exchange Carrier affiliates or subsidiaries in any manner for such Non-CLEC Operations. ILEC and CLEC may be referred to individually as "Party" or collectively as the "Parties".

WHEREAS, ILEC and CLEC entered into an interconnection agreement pursuant to Sections 251 and 252 of the Communications Act of 1934, as amended (the "Act") that was approved by the state commission (the "ICA"); and

WHEREAS, for the states of California, Nevada, Texas, Missouri, Oklahoma, Kansas, Arkansas, Illinois, Wisconsin, Michigan, Indiana, Ohio or Connecticut the Parties wish to amend, modify and supersede certain compensation, interconnection and trunking provisions of the ICA that are addressed in this Amendment and also incorporate the terms of this Amendment in future interconnection agreements between the Parties in such states through the Termination Date; and

WHEREAS, the Parties wish to establish rates, terms and conditions for the exchange of ISP-bound, Section 251(b)(5) and other compensable traffic including, but not limited to, compensable traffic that originates from or terminates to an MCI end user which is provided local telephone service (dialtone) via an ILEC end office switching provided to MCI by ILEC on a non-resale, wholesale basis (e.g., UNE-P/unbundled local switching if and to the extent available, a Local Wholesale Complete product, 271 local switching); and

WHEREAS, the Parties agree that they can identify ISP-bound traffic through the use of billing and other technical information rather than by means of the ratio set forth in the FCC's ISP Remand Order.

NOW, THEREFORE, for and in consideration of the premises, mutual promises and covenants contained in this Amendment, and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the Parties agree as follows:

1. The term of this Amendment shall commence on August 1, 2007¹ ("Effective Date") and shall continue until July 31, 2009. Thereafter, this 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 (collectively, the "Termination Date"). As of the Effective Date, this Amendment terminates and supersedes in its entirety a certain "Amendment Superseding Certain Reciprocal Compensation, Interconnection and Trunking Terms" and a certain Implementation Letter both entered into by the Parties on May 1, 2007.

- 1.1 The Parties agree that this Amendment will act to supersede, amend and modify the applicable provisions currently contained in the ICA. This

¹ Notwithstanding anything to the contrary in the Agreement (including, as applicable, this Amendment and any other Amendments to the Agreement ("Agreement")), in the event that any other telecommunications carrier should adopt the Parties' ICA and this Amendment pursuant to Section 252(i) of the Act ("Adopting CLEC") after August 1, 2007, it is AT&T's position that such adopting CLEC shall only be entitled to receive the rates, terms and conditions as set forth in this amendment prospectively beginning from the date that the MFN provisions become effective between ILEC and the Adopting CLEC, following the date the applicable public utilities commission approves or is deemed to have approved the Adopting CLEC's Section 252(i) adoption ("Section 252(i) Effective Date"). It is further AT&T's position that an Adopting CLEC is not entitled to the application of the rates, terms and conditions under its MFN Provisions to a date prior to its Section 252(i) Effective Date.

Amendment shall also be incorporated into and become a part of, by exhibit, attachment or otherwise, any future interconnection agreement between the Parties through the Termination Date whether negotiated, arbitrated, or arrived at through the exercise of Section 252(i) "Most Favored Nation" ("MFN") rights. Any inconsistencies between the provisions of this Amendment and other provisions of the current ICA or future interconnection agreements described above, through the Termination Date, will be governed by the provisions of this Amendment, unless this Amendment is specifically and expressly superseded by a future amendment between the Parties. However, if the underlying ICA or interconnection agreement expires sooner than the Termination Date, the Parties agree that the Amendment shall not extend or otherwise alter the term and termination rights of the underlying ICA or interconnection agreement, but instead, the Amendment will be incorporated into any successor interconnection agreement between the Parties through the Termination Date.

2. Except as provided in Section 3 below, during the term of this Amendment period, August 1, 2007 through the Termination Date, the Parties agree that neither of the Parties will seek, directly or indirectly, to obtain alternate terms and conditions to those stated in this Amendment. If, during the term of this Amendment, CLEC adopts another agreement pursuant to Section 252(i), it must amend the adopted interconnection agreement with this Amendment. Such Amendment shall be filed with the state Commission at the same time that the MFN agreement is filed so that this Amendment will apply uninterrupted from August 1, 2007 through the Termination Date. If the ILECs have voluntarily entered into an interconnection agreement which is applicable to the thirteen-state region as a whole, CLEC or its Affiliate(s) may exercise its rights under section 252(i) of the Act to obtain the rates, terms, and conditions of such agreement in its entirety provided that the agreement is otherwise available for adoption. This waiver includes, but is not limited to, any material sale of CLEC's assets, in which case CLEC shall obtain the purchaser's consent to be bound by the reciprocal compensation terms and conditions set forth herein.

3. Notwithstanding the provisions of Sections 2 or 18 or anything else herein, during the period from August 1, 2007 through the Termination Date, the Parties waive any rights they may have under the Intervening/Change of Law provisions, of the Parties' ICAs in effect during the term of this Amendment with respect to any intercarrier compensation, POIs or trunking requirements that are subject to this Amendment; provided, however, that if an FCC order related to intercarrier compensation becomes effective after the Effective Date of this Amendment, including, without limitation, orders issued in CC Docket 96-98, the FCC's rulemaking in *In the Matter of Developing a Unified Intercarrier Compensation Regime*, CC Docket 0192, established in Notice of Proposed Rulemaking Order No. 01-132 (April 27, 2001) and/or *In the Matter of IP Enabled Services*, WC Docket 04-36 ("FCC Order"), the affected provisions of this Amendment relating

to reciprocal compensation, Total Compensable 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 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 the complaint proceeding or negotiated by the Parties during the dispute resolution process shall be retroactive to the effective date of the Written Request following such FCC Order. Except as set forth in this Section 3 with respect to reciprocal compensation, Total Compensable Traffic (as defined herein), POIs and trunking requirements provisions, during the time period from Effective Date through and including the Termination Date, each Party shall have full intervening law rights under this Amendment (as set forth in Section 17.5 below) 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 3.

4. POI Requirements

- 4.1 In order to qualify for receipt of compensation for Virtual FX traffic as defined in Section 14.4.1 of this Amendment at the rates provided in the Rate Schedule, attached hereto and made a part hereof as Exhibit B, CLEC must achieve and maintain the minimum points of interconnection and trunk engineering guidelines set forth in Sections 4 through 6 of this Amendment.
- 4.2 Compliance with the provisions of this Amendment shall be on a local calling area by local calling area basis, which means that CLEC's eligibility to receive reciprocal compensation for Virtual FX traffic as defined in Section 14.4.1 of this Amendment shall not be restricted except for the particular local calling area for the same period during which it is not in compliance with Sections 4 through 6 of this Amendment.
- 4.3 CLEC will exert commercially reasonable efforts in each ILEC state to establish a physical POI in each mandatory local calling area in which it has listed telephone numbers (NPA/NXXs) in the Local Exchange Routing

Guide (LERG) or from where CLEC ports telephone numbers listed in the LERG by other local exchange carriers (including ILEC companies).

- 4.3.1 In California, Nevada, Connecticut, Michigan, Ohio, Indiana, Illinois and Wisconsin, the Parties agree that Section 4 is satisfied, as to all sub-tending end offices and rate centers in which CLEC has established a dialable telephone number local to the rate center or ports any number established by other local exchange carriers (including ILEC companies), if a physical POI is established at the appropriate local or access tandem serving, or at any mutually agreed end office within the rate center.
- 4.3.2 In Arkansas, Missouri, Kansas, Oklahoma and Texas, the Parties agree that Section 4 is satisfied, as to all sub-tending end offices and rate centers where CLEC has established a dialable telephone number local to the rate center or ports any number established by other local exchange carriers (including ILEC companies), if a physical POI is established at the appropriate tandem, if applicable, or any mutually agreed end office within the local exchange area.
- 4.4 When establishing a POI required under Section 4 of this Amendment, the Parties agree:
 - 4.4.1 CLEC may utilize existing interconnection arrangements at existing POIs, including the mid-span fiber meet architecture in service or being currently jointly planned; or
 - 4.4.2 CLEC may utilize its collocation facilities in end offices or local tandems within the local calling area or tandem serving area, including, but not limited to fiber cable handoffs. Where CLEC has spare fiber cable in an existing collocation space, CLEC may establish interconnection by terminating such fiber cable to an ILEC fiber optic terminal (FOT). This fiber cable handoff from CLEC's collocation facility to an ILEC FOT shall be in accordance with the applicable collocation provisions in the ICA, interconnection agreement or state tariff. If there are no provisions in the ICA, interconnection agreement or state tariff, then the fiber cable hand-off will be as mutually agreed upon by the Parties; or
 - 4.4.3 CLEC may utilize new, mutually agreed upon, mid-span fiber meets, where CLEC will connect to the ILEC FOT by providing fiber cable at the last entrance (or agreed upon) manhole outside of the tandem, or at the last entrance (or agreed upon) manhole outside of an end office in the rate center where the Parties agree to interconnection at an end office; or

- 4.4.4 CLEC may utilize its existing facilities or the existing facilities of CLEC's interexchange carrier affiliate(s) (IXC), at the AT&T serving wire center locations where CLEC or its IXC have a facilities presence for switched and/or dedicated access traffic; or
 - 4.4.5 CLEC may purchase Special Access or switched dedicated access transport facilities and services from ILEC as provided for in Section 4.8; or
 - 4.4.6 CLEC may utilize the transport facilities from a third party; or
 - 4.4.7 CLEC may utilize any other arrangement that the Parties may agree meets the requirements of Section 4.
- 4.5 The Parties acknowledge that CLEC is currently operating under multiple ICAs in certain states in the AT&T-13-state region. Therefore, when establishing a POI required by Section 4, ILEC will allow CLEC to establish local interconnection trunk groups to transport 251(b)(5) Traffic, ISP-bound Traffic and/or intraLATA traffic utilizing any of CLEC's facilities; provided, however, that CLEC must utilize a separate trunk group on the facility for traffic exchanged under each separate ICA in a state and may not combine traffic from more than one ICA on any trunk group. If CLEC has multiple switches in a LATA operating under a single ICA, CLEC may establish local interconnection trunk groups to transport local and/or intraLATA traffic utilizing the facilities of any CLEC's multiple switches in a LATA; provided, however, that traffic from each CLEC switch will be routed over a separate trunk group on the facility. ILEC will also allow CLEC to establish local interconnection trunk groups to transport local and/or intraLATA traffic utilizing the access facilities of CLEC's IXC affiliate(s); provided, however, that CLEC must utilize a separate trunk group on the facility for traffic exchanged under each separate ICA in a state and may not combine traffic from more than one ICA on any trunk group. CLEC may not combine local interconnection and inter-exchange access traffic over the same trunk group.
- 4.6 Where CLEC and ILEC have an existing interconnection architecture that meets the POI requirements described above, this existing interconnection architecture cannot be changed (including without limitation the elimination or decommissioning of a POI) without the mutual agreement of both Parties. However, subject to Sections 4.2 and 4.3 above, the Parties agree that CLEC may decommission a POI in the event that traffic exchanged through that POI is less than a T1 for three consecutive months, provided, however, CLEC must maintain a POI in each LATA in which it has listed telephone numbers (NPA/NXXs) in the Local Exchange Routing Guide (LERG) or from where CLEC ports telephone numbers listed in the LERG by other local exchange carriers (including ILEC

companies). CLEC must provide ILEC thirty (30) days prior written notice before decommissioning any POI.

- 4.7 When a new POI is established under Section 4, ILEC shall be responsible for the provisioning of facilities on its side of the POI and CLEC shall be responsible for the provisioning of facilities from its side of the POI back to the CLEC facilities and network.
- 4.8 When CLEC establishes a POI by purchasing Special Access facilities and services or switched dedicated access transport facilities and services from ILEC, these facilities shall be considered available for local interconnection trunks; provided, however, that CLEC shall be responsible for the ordering and cost. CLEC may purchase these facilities and services out of the ILEC's intrastate access tariffs or interstate access tariffs, access contracts or other access pricing plans as authorized by the FCC. Except as provided in Section 4.8.1 below, CLEC will submit orders to the applicable ILEC Access Service Center (ASC) and the orders will be governed by the ordering and provisioning terms of the applicable FCC Access tariff.
 - 4.8.1 Where CLEC establishes a new POI by purchasing Special Access facilities from ILEC, the Parties agree that where facilities exist between the new POI to be established and an existing CLEC POI, the new POI may be established as a "Billing POI" by utilizing existing facilities without physically moving trunks onto a newly established dedicated facility. When establishing such a "Billing POI", the CLEC will issue an order to the applicable ILEC ASC for its use of bandwidth on the existing facility, if the facilities were to be installed. In this manner, the Parties agree that new facilities need not be physically established and any ordering and installation and engineering charges shall not apply.
 - 4.8.2 The Parties reserve their rights to challenge in any manner the rates, terms and conditions upon which the dedicated services or facilities referred to in this Section 4.8 are provided by ILEC, including but not limited to challenges pursuant to the dispute resolution provisions of the applicable ICA or interconnection agreement, regardless of the time limits contained therein.
5. During the term of this Amendment, CLEC may order and ILEC will provide, where facilities are available, sufficient dedicated services or facilities as referenced in Section 4.8 to the nearest existing CLEC POI in the Local Access and Transport Area (LATA). ILEC will choose the most efficient facility route to deliver these dedicated services or facilities to the CLEC POI. These dedicated services and facilities will be provided for the purpose of establishing trunking consistent with the traffic engineering guidelines contained in the existing ICA or

interconnection agreement. Trunking services or facilities will be established prior to exchanging live traffic and the Parties agree to abide by the trunk engineering/administration guidelines as stated in the ICA or interconnection agreement.

6. When interconnecting at ILEC's 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.
7. 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 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.
 - 7.1 The Parties will exert commercially reasonable efforts to achieve and maintain a network architecture within a tandem serving area such that the DEOT does not fall below 70% of the total number of trunks the CLEC has in service in the tandem serving areas for two consecutive months. To determine the 70% threshold, the total number of DEOTs will be divided by the total number of trunks CLEC has in use in the tandem serving area that CLEC has interconnection into. ILEC will be responsible for the provisioning of the DEOTs to the POI and CLEC shall be responsible for making facility assignments at the POI for the DEOTs to be connected to CLEC's transport facilities from the POI back to CLEC's network. If, upon request by ILEC, CLEC does not make the appropriate facility assignments which causes the DEOT to fall below 70% of the total number of trunks the CLEC has in service in the tandem serving areas, ILEC shall be entitled to withhold reciprocal compensation from the particular local calling area. Where the traffic in the tandem serving area does not exceed 144 trunks to justify DEOT at the 70% level, this paragraph shall not apply in such tandem serving area. Where the traffic does exceed 144 trunks to justify DEOT at the 70% level, this paragraph applies to all trunks in that tandem serving area.
8. Under no circumstances will CLEC be penalized for non-compliance with the POI and DEOT requirements if such non-compliance results from ILEC's failure to perform required network administration activities (including provisioning, activation, and translations).
9. The Parties recognize that embedded one-way trunks 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 negotiate a transition plan to migrate the embedded one-

way trunks to two-way trunks via a mid-span fiber meet architecture as described in Appendix NIM or Network of the applicable ICA or interconnection agreement or, the AT&T-13 STATE Generic Agreement if an Appendix NIM or Network, or a similarly named network appendix, is not contained in said ICA or interconnection agreement. The Parties will coordinate any such migration, trunk group prioritization, and implementation schedule. ILEC agrees to develop a cutover plan and project manage the cutovers with CLEC participation and agreement.

10. When establishing a new POI in an Existing Local Calling Area, CLEC will notify its ILEC Account Manager of its intention to establish a new POI in an existing local calling area 90 days prior to the end of the six month transition period by letter to the ILEC Account Manager for CLEC. This 90 day notice is intended to give both Parties adequate time to plan, issue orders, and implement the orders in the 6 month transition period.
11. When establishing a POI in a New Local Calling Area, CLEC will notify its ILEC Account Manager 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 days of ILEC's receipt of such notification. The outcome of the joint planning meeting will be orders for facilities and trunks for the new POI.
12. Upon expiration of this Amendment, CLEC and ILEC agree to evaluate whether to add or eliminate POIs to create an effective post-Amendment architecture. Both Parties will cooperate in adding or eliminating POIs so long as they are consistent with the then effective ICA or interconnection agreement concerning interconnection between the Parties.
13. **Classifications of Traffic**

13.1 Definitions.

"Section 251(b)(5) Traffic" shall mean the traffic that is lawfully compensable under Section 251(b)(5) of the Act as of the Effective Date of this Amendment. For purposes of this Amendment Section 251(b)(5) Traffic shall include mandatory extended area service calls and metropolitan calling area calls (as approved by the applicable Commission as of the Effective Date).

"ISP-Bound Traffic" shall mean any ISP traffic that, as of the Effective Date of this Amendment, is lawfully compensable under the FCC's Order on Remand Report and Order, In the Matter of Implementation of the Local Compensation Provisions in the Telecommunications Act of 1996, Intercarrier Compensation for ISP-Bound Traffic, FCC 01-131, CC Docket Nos. 96-98, 99-68 (released April 27, 2001) ("ISP Remand Order") and the subsequent FCC CoreCom order, FCC 04-241, WC Docket No. 03-171 (released October 18, 2004) granting forbearance from enforcing certain provisions of the ISP Remand Order related to growth caps and the new markets rule.

“Total Compensable Traffic” shall mean the combination of Section 251(b)(5) and ISP-Bound Traffic exchanged by the Parties pursuant to the ICA and the combination of Section 251(b)(5) and ISP-Bound Traffic that originates from or terminates to a CLEC end user which is provided local telephone service (dialtone) via ILEC end office switching provided to CLEC by ILEC on a non-resale, wholesale basis pursuant to the Local Wholesale Complete (“LWC”) agreement between the Parties (effective March 11, 2005) and the 271 Local Switching agreement between the Parties (except for AT&T Connecticut) (effective March 11, 2005) or any successor agreements to the Local Wholesale Complete and 271 Local Switching agreements that may be entered into by the Parties prior to the Termination Date.

“Intercarrier Traffic” includes Section 251(b)(5) Traffic, ISP-Bound Traffic, transited traffic, intraLATA toll, mandatory EAS, optional Extended Area Service (EAS) and Metropolitan Calling Area (MCA) traffic exchanged by the Parties pursuant to the ICAs and both the Local Wholesale Complete agreement between the Parties (effective March 11, 2005) and the 271 Local Switching agreement between the Parties (except for AT&T Connecticut) (effective March 11, 2005) or any successor agreements to the Local Wholesale Complete and 271 Local Switching agreements that may be entered into by the Parties prior to the Termination Date. The terms “transited traffic,” “intraLATA toll,” “mandatory EAS” “optional EAS traffic” and “Metropolitan Calling Area” will have the meaning ascribed to them in the underlying ICAs and future interconnection agreements. InterLATA toll and IXC carried intraLATA toll are subject to Meet Point Billing as outlined in the ICA or interconnection agreement and applicable tariffs.

14. **Compensation**

14.1 The Parties shall compensate each other for all Total Compensable Traffic in accordance with the terms of this Section 14.

14.2 Intentionally Omitted.

14.3 CLEC-Originated Traffic. ILEC shall bill CLEC, for all CLEC-originated Total Compensable Traffic at the state-specific rates set forth in Exhibit A of this Amendment.

14.4 ILEC-Originated Traffic. CLEC shall bill ILEC for all ILEC-originated Total Compensable Traffic at the state-specific rates set forth in Exhibit B of this Amendment. The Parties agree that the Exhibit B rates were calculated based on a CLEC-specific traffic study conducted by ILEC to determine the proportion of ISP-Bound Traffic and 251(b)(5) Traffic originated by ILEC and terminated by CLEC.²

² In the event that any telecommunications carrier should adopt this ICA, which includes this Amendment, pursuant to Section 252(i) of the Act (“Adopting CLEC”), it is ILEC’s position that the Adopting CLEC shall bill ILEC for all ILEC-originated Section 251(b)(5)

14.4.1 If CLEC designates different points for rating and routing such that traffic that originates in one rate center is carried by ILEC to a routing point designated by CLEC 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, referred to as Virtual Foreign Exchange (Virtual FX) 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 Total Compensable Traffic for purposes of compensation provided however, that such end users must both be located within the same LATA.

14.5 Intrastate Access Rates. For intrastate intraLATA toll traffic, exchanged pursuant to the ICAs, and both the Local Wholesale Complete agreement between the Parties (effective March 11, 2005) and the 271 Local Switching agreement between the Parties (except for AT&T Connecticut) (effective March 11, 2005) or any successor agreements to the Local Wholesale Complete and 271 Local Switching agreements that may be entered into by the Parties prior to the Termination Date compensation for termination 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 where applicable, as set forth in each Party's Intrastate Access Service Tariff, but such compensation shall not exceed the compensation contained in an ILEC's tariff in whose exchange area the End User is located. For interstate intraLATA intercompany service traffic, compensation for termination of intercompany traffic will be at terminating access rates for MTS and originating access rates for 800 Service including the CCL charge, as set forth in each Party's interstate Access Service Tariff, but such compensation shall not exceed the compensation contained in the ILEC's tariff in whose exchange area the End User is located.

Traffic at the state specific rates in Exhibit A, and for ISP-Bound Traffic at the ISP rate of \$.0007 unless and until ILEC conducts a traffic study to determine the percentage of ILEC originated ISP Bound/251(b)(5) Traffic transported and terminated by Adopting CLEC and the ILEC and Adopting CLEC reach agreement on single state-specific rates and amend this Amendment in accordance with procedures set forth in Section 14.7 and Exhibit C. It is ILEC's position that for ISP-Bound Traffic ILEC and Adopting CLEC will use the FCC's rebuttable presumption as described in the underlying ICA. If the underlying ICA does not have rebuttable presumption language, it is ILEC's position that the following language shall apply to Adopting CLEC: (a) The parties agree that the FCC established a rebuttable presumption that all minutes of use exceeding a 3:1 Terminating to Originating Ratio are ISP-bound Traffic subject to the compensation. Specifically, all 251(b)(5) Traffic (which includes traffic exchanged where Adopting CLEC is using end office switching provided to Adopting CLEC by ILEC on a non-resale, wholesale basis pursuant to a Local Wholesale Complete agreement) and ISP-bound Traffic that is terminated by one party for the other party pursuant to the ICA between ILEC and Adopting CLEC within any month in excess of an amount (measured by total minutes of use) that is three times the traffic that is terminated by the other party pursuant to the ICA between ILEC and Adopting CLEC within that month shall be presumed to be ISP-bound Traffic. (b) Both ILEC and Adopting CLEC have the right to rebut the 3:1 ISP presumption and determine actual ISP-bound traffic by any means mutually agreed by the parties, or by any method approved by the applicable regulatory agency, including the Commission. If a party seeking to rebut the presumption and the Commission approves such rebuttal, then that rebuttal shall be applied on a prospective basis as of the date of the Commission approval. For avoidance of doubt, ILEC and CLEC agree that this Footnote 2 has no force or effect between ILEC and CLEC and is intended by ILEC to apply only to Adopting CLECs.

14.6 Intercarrier Traffic. The Parties agree that the rates, terms and conditions for Intercarrier Traffic other than Total Compensable Traffic are as set forth in the applicable ICA, agreements, and/or tariff.

14.7 Notwithstanding anything to the contrary in this Amendment, either Party may, after this Amendment has been in effect for six (6) months, request that the Parties conduct traffic studies to determine the proportions of ISP-Bound Traffic and Section 251(b)(5) Traffic terminated by each Party. Upon such request, the Parties shall conduct and exchange traffic studies in accordance with the methodology set forth in Exhibit C of this Amendment. Upon completion of such studies, the Parties shall execute an amendment to this Amendment to reflect their agreement to use the resulting proportions of ISP-Bound Traffic and Section 251(b)(5) Traffic from the new studies (and the corresponding state-specific single rates) to compensate each other prospectively for Total Compensable Traffic for the remainder of the term of this Amendment. If the Parties cannot agree upon the appropriate proportion of ISP-Bound Traffic and Section 251(b)(5) Traffic, either Party may take appropriate action at the state Commission pursuant to section 252 of the Act to seek appropriate compensation on ISP-Bound Traffic and Section 251(b)(5) Traffic. If a Party takes such action at the applicable state Commission, the Parties agree to use such proportion and/or methodology approved by the state Commission as of the date of the Commission approval and, in addition, the Commission-ordered proportion/methodology shall be utilized to determine the true-up as described below. During the pendency of any such proceedings to alter the proportion of ISP-Bound Traffic and Section 251(b)(5) Traffic, CLEC and ILEC will remain obligated to pay based on the current proportion of ISP-Bound Traffic and Section 251(b)(5) Traffic, subject to a true-up. Upon conclusion of a state Commission proceeding to determine the appropriate proportion/methodology, the Parties shall use the results of the state Commission proceeding and true-up of any amounts paid on ISP-Bound Traffic and Section 251(b)(5) Traffic retroactive back to the date a Party first sought appropriate relief from the Commission to reflect the revised proportion of ISP-Bound Traffic and Section 251(b)(5) Traffic as ordered by the state Commission.

15. Intentionally Omitted.

16. Intentionally Omitted.

17. Intentionally Omitted.

18. Reservation of Rights

18.1 Intentionally Omitted.

- 18.2 The Parties continue to disagree as to whether ISP calls are subject to reciprocal compensation obligations under their ICAs and interconnection agreements and Section 251(b)(5) of the Act. By entering into this Amendment neither Party waives its right to advocate its view with respect to these issues, however neither Party will attempt in any way to overturn the provisions of this Amendment during its term. Similarly, the Parties agree that nothing in this Amendment shall be construed as an admission that ISP traffic is, or is not, subject to reciprocal compensation obligations under their ICAs and interconnection agreements or Section 251(b)(5). Therefore, ILEC payments to CLEC under the Agreement shall not be construed as agreement by ILEC that calls to ISPs constitute local traffic subject to reciprocal compensation obligations, provided, however, notwithstanding anything to the contrary, the Parties agree that for purposes of this Amendment compensation is payable as set forth in this Amendment.
- 18.3 The Parties continue to disagree as whether CLEC is required to establish a physical POI in each local calling area. By entering into this Amendment, neither Party waives its right to advocate its view with respect to this issue. Similarly, the Parties agree that nothing in this Amendment shall be construed as an admission that CLEC must or must not establish a POI in each local calling area. Therefore, CLEC's establishment of a physical POI in each local calling area under the Amendment shall not be construed as agreement by CLEC that physical POIs are required to be established in each local calling area, provided, however, notwithstanding anything to the contrary, the Parties agree that for purposes of this Amendment physical POIs will be established as set forth in this Amendment.
- 18.4 Except as specifically modified by this Amendment with respect to their mutual obligations herein, 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.
- 18.5 In entering into this Amendment and carrying out the provisions herein, neither Party waives, but instead expressly reserves, all of its rights, remedies and arguments with respect to any orders, decisions, legislation or proceedings and any remands thereof and any other federal or state regulatory, legislative or judicial action(s), including, without limitation, its intervening law rights (including intervening law rights asserted by either Party via written notice predating this Amendment) relating to the following actions, which the Parties have not yet fully incorporated into this Agreement or which may be the subject of further government review: *Verizon v. FCC, et. al*, 535 U.S. 467 (2002); *USTA v. FCC*, 290 F.3d 415

(D.C. Cir. 2002) and following remand and appeal, *USTA v. FCC*, 359 F.3d 554 (D.C. Cir. 2004); the FCC's Triennial Review Order, CC Docket Nos. 01-338, 96-98, and 98-147 (FCC 03-36), 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) ("ISP Compensation Order"), which was remanded in *WorldCom, Inc. v. FCC*, 288 F.3d 429 (D.C. Cir. 2002), and as to the FCC's Notice of Proposed Rulemaking as to Inter-carrier Compensation, CC Docket 01-92 (Order No. 01-132) (rel. April 27, 2001) (collectively "Government Actions").

19. **Additional Terms and Conditions**

- 19.1 This Amendment contains provisions that have been negotiated as part of an entire amendment and integrated with each other in such a manner that each provision is material to every other provision. The Parties stipulate that they would not have mutually agreed to this entire Amendment if a third party carrier could later opt into this Amendment under section 252 (i) of the Act and enjoy higher rates than are in effect at that point in the rate schedule. By entering into this Amendment, ILEC neither agrees that is obligated to permit, nor waives its rights to contend that it is not obligated to permit, its tandem switching and common transport facilities to be used without compensation for the carriage of Virtual FX traffic.
- 19.2 The Parties agree that each and every rate, term and condition of this Amendment is legitimately related to, and conditioned on, and in consideration for, every other rate, term and condition in the underlying ICA or interconnection agreement. The Parties agree that they would not have agreed to this 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.
- 19.3 This 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.
- 19.4 The terms contained in this Amendment and its Exhibits A, B and C constitute the entire agreement with regard to the modification and amendment of the ICAs and incorporation into future interconnection agreements through the Termination Date, and shall be interpreted solely in accordance with its own terms.

- 19.5 The headings of the Sections of this Amendment are strictly for convenience and shall not in any way be construed to define, modify or restrict the meaning or interpretation of the terms, provisions or conditions of this Amendment.
- 19.6 This 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.
- 19.7 This Amendment shall be filed by the Parties with the PUCs in each state listed in the introductory paragraph above. Neither Party may seek a stay of the PUCs' approval of this Amendment or in any way seek to delay, postpone or interfere with the PUCs' approval of this Amendment.

IN WITNESS WHEREOF, the Parties hereto have caused this Amendment to be executed on the dates shown below by their respective duly authorized representatives and hereby agree that this Amendment shall be effective between the Parties on August 1, 2007 (the Effective Date).

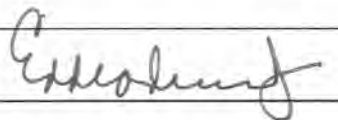
MCImetro Access Transmission Services LLC	AT&T Operations, Inc. as authorized agent for Southwestern Bell Telephone Company d/b/a AT&T Oklahoma, AT&T Missouri, AT&T Kansas, AT&T Arkansas and AT&T Texas, The Southern New England Telephone Company d/b/a AT&T Connecticut, Nevada Bell Telephone Company d/b/a AT&T Nevada, Pacific Bell Telephone Company d/b/a AT&T California, Illinois Bell Telephone Company d/b/a AT&T Illinois, Indiana Bell Telephone Company Incorporated d/b/a AT&T Indiana, Michigan Bell Telephone Company d/b/a AT&T Michigan, The Ohio Bell Telephone Company d/b/a AT&T Ohio and Wisconsin Bell, Inc. d/b/a AT&T Wisconsin.
Signature: 	Signature: 
Name: Peter H. Reynolds Print or type	Name: EDDIE A. REED JR Print or type
Title: <u>Director</u>	Title: Director – Contract Management
Date: <u>Oct 29, 2007</u>	Date: <u>11-1-07</u>

EXHIBIT A

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		<u>Arkansas</u>	<u>Kansas</u>	<u>Oklahoma</u>	<u>Missouri³</u>
End Office Switching	Zone 4	n/a	n/a	n/a	\$0.002391
	Zone 3	\$0.001310	\$0.001310	\$0.003800	\$0.002807
	Zone 2	\$0.001690	\$0.001690	\$0.002516	\$0.001949
	Zone 1	\$0.002530	\$0.002530	\$0.002268	\$0.001620
Tandem Switching		\$0.000789	\$0.000789	\$0.000956	\$0.001231
Common Transport Termination	Zone 4	n/a	n/a	n/a	\$0.000132
	Zone 3	\$0.000157	\$0.000157	\$0.000266	\$0.000246
	Zone 2	\$0.000171	\$0.000171	\$0.000282	\$0.000232
	Zone 1	\$0.000196	\$0.000196	\$0.000499	\$0.000155
	Interzone	\$0.000186	\$0.000186	\$0.000147	\$0.000271
Common Transport Facility	Zone 4	n/a	n/a	n/a	\$0.0000008
Per Minute per Mile	Zone 3	\$0.000001	\$0.000001	\$0.000008	\$0.0000117
	Zone 2	\$0.000003	\$0.000003	\$0.000049	\$0.0000057
	Zone 1	\$0.000006	\$0.000006	\$0.000027	\$0.0000016
	Interzone	\$0.000001	\$0.000001	\$0.000002	\$0.0000030
		<u>California</u>	<u>Nevada</u>	<u>Michigan</u>	
End Office Call Set-Up		\$0.001448	\$0.003110	\$0.000622	
End Office Call Duration		\$0.001360	\$0.002506	\$0.000521	
Tandem Switching Set-Up		\$0.000629	\$0.002658	\$0.000322	
Tandem Switching Duration		\$0.000453	\$0.001261	\$0.000337	
Common Transport (Fixed)/Tandem Term Set-up		\$0.001251	\$0.000305	\$0.000077	
Tandem Term Duration		n/a	n/a	\$0.000081	
Common Transport (Variable) (per mou per mile)		\$0.000021	\$0.000019	\$0.000001	
		<u>Illinois</u>	<u>Indiana</u>	<u>Ohio</u>	<u>Wisconsin</u>
End Office Switching		\$0.003746	\$0.004097	\$0.003600	\$0.004241
Tandem Switching		\$0.001072	\$0.000307	\$0.000623	\$0.000704
Tandem Transport Termination		\$0.000201	\$0.000102	\$0.000146	\$0.000188
Tandem Transport Facility Mileage (per mou per mile)		\$0.000013	\$0.000005	\$0.000006	\$0.000014
<u>Texas</u>					
Call Set-Up		\$0.0010887			
Duration		\$0.0010423			
<u>Connecticut</u>					
End Office Served Rate		\$0.003576			
Tandem Served Rate		\$0.005560			

³ The Parties agree that in accordance with Missouri Public Service Commission Case No. TO-92-306, the intercompany compensation for MCA traffic shall be bill and keep. Therefore, the Parties agree that ILEC shall not bill CLEC for any CLEC originated MCA traffic.

EXHIBIT B

<u>State</u>	<u>Rate</u> ⁴
<u>Arkansas</u>	\$0.000881
<u>California</u>	
Set Up	\$0.000229
Duration	\$0.000877
<u>Connecticut</u>	\$0.001186
<u>Illinois</u>	\$0.001188
<u>Indiana</u>	\$0.001196
<u>Kansas</u>	\$0.000880
<u>Michigan</u>	
Set Up	\$0.000104
Duration	\$0.000693
<u>Missouri</u> (70% MCA) ⁵	\$0.000282
<u>Nevada</u>	
Set Up	\$0.000547
Duration	\$0.001031
<u>Ohio</u>	\$ 0.001142
<u>Oklahoma</u>	\$ 0.001037
<u>Texas</u>	
Set Up	\$0.000152
Duration	\$0.000748
<u>Wisconsin</u>	\$0.001242

⁴ The Parties agree that the Exhibit B rates are based on the following:

- Eighty-six percent (86%) ISP-Bound traffic and fourteen percent (14%) 251 (b)(5) Traffic.
- A rate of \$0.0007 was used for ISP-Bound Traffic and the state-specific rates set forth in Exhibit A were used for 251(b)(5) Traffic (70% at the state-specific end office rate and 30% at the state-specific tandem rates).
- Where zone measurement is applicable, the Zone 2 rates set forth in Exhibit A were used.
- Where a common transport mileage charge is applicable, a common transport mileage charge of 15 miles was used.

⁵ The Parties agree that in accordance with Missouri Public Service Commission Case No. TO-92-306, the intercompany compensation for MCA traffic shall be bill and keep. Therefore, the rate contained in the matrix reflects, based on a traffic study exchanged by the Parties, that 70% of the traffic sent by ILEC to CLEC was MCA traffic and subject to bill and keep.

EXHIBIT C

TRAFFIC STUDY METHODOLOGY

1. Each Party shall conduct a study of its originating traffic terminated to the other Party's end users in order to identify the amount of ISP-Bound Traffic and Section 251(b)(5) Traffic.
2. The study shall cover a one-month period to be agreed upon by the Parties.
3. The studies shall cover each of the 13 states in the legacy SBC operating territory. The Parties shall compile the data on a state-by-state basis and shall exchange data when study for any given state is complete.
- 4a. CLEC shall use: (i) originating switch recordings for CLEC's originating facilities-based traffic and (ii) EMI Category 10 local originating records for CLEC's traffic originated from CLEC's Local Wholesale Complete end users.
- 4b. ILEC shall use its originating switch records.
5. To identify ISP-Bound Traffic, the Parties shall use the following criteria: (i) called telephone numbers with average "hold times" of 20 or more minutes (determined by adding minutes/seconds/tenths-of-seconds for all calls to a particular number and dividing by total number of calls to that number and rounding up to the nearest full minute); and (ii) individual telephone numbers must be called a minimum of 200 times during the study period (calls need not originate from the same number).
6. Calls not meeting the criteria set forth in Section 5 shall be presumed to be Section 251(b)(5) Traffic.
7. For those calls that do meet the criteria in Section 5, each Party shall further validate that the calls are ISP-bound by dialing the numbers individually to determine if answered by an ISP modem. Calls that do not reach an ISP modem shall be presumed to be Section 251(b)(5) Traffic.
8. Intentionally Omitted.
9. In providing the results of its study to other Party, each Party shall provide the following detail:
 - State
 - Traffic Month reported on
 - Total Terminating Minutes for study period
 - Total Number of Terminating Minutes and Calls meeting criteria for being classified as ISP-Bound Traffic for study period
 - Calling and Called Telephone Numbers for calls classified as ISP-Bound Traffic
10. If either Party desires to rebut the results of the other Party's study, it shall provide its own analysis and the Parties shall reconcile any differences in the studies.

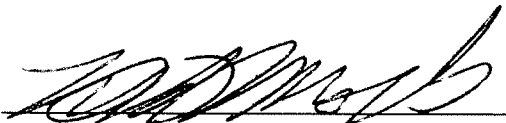
FURTHER AMENDMENT TO
AMENDMENT SUPERSEDING CERTAIN RECIPROCAL COMPENSATION, INTERCONNECTION AND
TRUNKING TERMS
BETWEEN
ILLINOIS BELL TELEPHONE COMPANY D/B/A AT&T ILLINOIS, INDIANA BELL TELEPHONE COMPANY
INCORPORATED D/B/A AT&T INDIANA, MICHIGAN BELL TELEPHONE COMPANY D/B/A AT&T MICHIGAN,
THE OHIO BELL TELEPHONE COMPANY D/B/A AT&T OHIO, WISCONSIN BELL, INC. D/B/A AT&T
WISCONSIN, NEVADA BELL TELEPHONE COMPANY D/B/A AT&T NEVADA AND AT&T WHOLESALE,
PACIFIC BELL TELEPHONE COMPANY D/B/A AT&T CALIFORNIA, THE SOUTHERN NEW ENGLAND
TELEPHONE COMPANY D/B/A AT&T CONNECTICUT AND SOUTHWESTERN BELL TELEPHONE COMPANY
D/B/A AT&T ARKANSAS, AT&T KANSAS, AT&T MISSOURI, AT&T OKLAHOMA AND AT&T TEXAS
AND
MCIMETRO ACCESS TRANSMISSION SERVICES LLC

The Amendment Superseding Certain Reciprocal Compensation Interconnection and Trunking Terms effective August 1, 2007 by and between 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, Wisconsin Bell, Inc. d/b/a AT&T Wisconsin, Nevada Bell Telephone Company d/b/a AT&T Nevada and AT&T Wholesale, Pacific Bell Telephone Company d/b/a AT&T California, The Southern New England Telephone Company d/b/a AT&T Connecticut and Southwestern Bell Telephone Company d/b/a AT&T Arkansas, AT&T Kansas, AT&T Missouri, AT&T Oklahoma and AT&T Texas ("AT&T") and MCImetro Access Transmission Services LLC ("MCIm") (including those Agreements held by MCIm as successor in interest to Brooks Fiber Communications of Arkansas, Inc., Brooks Fiber Communications of Bakersfield, Inc., Brooks Fiber Communications of Connecticut, Inc., Brooks Fiber Communications of Fresno, Inc., Brooks Fiber Communications of Michigan, Inc., Brooks Fiber Communications of Missouri, Inc., Brooks Fiber Communications of Nevada, Inc., Brooks Fiber Communications of Ohio, Inc., Brooks Fiber Communications of Oklahoma, Inc., Brooks Fiber Communications of Sacramento, Inc., Brooks Fiber Communications of San Jose, Inc., Brooks Fiber Communications of Stockton, Inc., Brooks Fiber Communications of Texas, Inc., Brooks Fiber Communications of Tulsa, Inc.; MCI WORLDCOM Communications, Inc., f/k/a MFS Communications Company, Inc. or MFS Intelenet of Connecticut, Inc. or WorldCom Technologies, Inc. or MCI WorldCom Technologies, Inc., Intermedia Communications LLC) (such Amendment, the "Original Amendment") is hereby amended as follows:

1. Notwithstanding anything to the contrary in Section 1 of the Amendment Superseding Certain Reciprocal Compensation Interconnection and Trunking Terms, the term of the Original Amendment will be extended and shall remain in effect through July 31, 2011. Thereafter, the Original Amendment will remain in full force and effect unless terminated in accordance with the terms thereof.
2. EXCEPT AS MODIFIED HEREIN, ALL OTHER TERMS AND CONDITIONS OF THE UNDERLYING AGREEMENT (INCLUDING ANY AMENDMENTS THERETO) SHALL REMAIN UNCHANGED AND IN FULL FORCE AND EFFECT.
3. This Amendment shall be filed with and is subject to approval by the applicable state Commissions.

MCImetro Access Transmission Services LLC

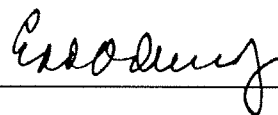
Illinois Bell Telephone Company d/b/a AT&T Illinois, Indiana Bell Telephone Company Incorporated d/b/a AT&T Indiana, Michigan Bell Telephone Company d/b/a AT&T Michigan, Nevada Bell Telephone Company d/b/a AT&T Nevada and AT&T Wholesale, The Ohio Bell Telephone Company d/b/a AT&T Ohio, Pacific Bell Telephone Company d/b/a AT&T California, The Southern New England Telephone Company d/b/a AT&T Connecticut, Southwestern Bell Telephone Company d/b/a AT&T Arkansas, AT&T Kansas, AT&T Missouri, AT&T Oklahoma, AT&T Texas, Wisconsin Bell, Inc. d/b/a AT&T Wisconsin by AT&T Operations, Inc., its authorized agent

By: 

Name: **Peter H. Reynolds**
(Print or Type)

Title: Director
(Print or Type)

Date: Oct 28, 2009

By: 

Name: Eddie A. Reed, Jr.

Title: Director-Interconnection Agreements

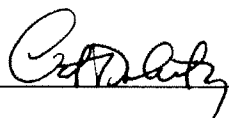
Date: 1-26-10

AT&T Wholesale Amendment

FURTHER AMENDMENT TO
AMENDMENT SUPERSEDING CERTAIN RECIPROCAL COMPENSATION, INTERCONNECTION AND
TRUNKING TERMS
BETWEEN
ILLINOIS BELL TELEPHONE COMPANY D/B/A AT&T ILLINOIS
AND
MCIMETRO ACCESS TRANSMISSION SERVICES LLC

The Amendment Superseding Certain Reciprocal Compensation Interconnection and Trunking Terms effective August 1, 2007 by and between Illinois Bell Telephone Company d/b/a AT&T Illinois ("AT&T") and MCImetro Access Transmission Services LLC ("MCIm") (including those arrangements (ACNAs and OCNs) held by MCIm as successor in interest to Rhythms Links Inc., MCI WORLDCOM Communications, Inc., f/k/a MFS Communications Company, Inc. or MFS Intelenet of Connecticut, Inc. or WorldCom Technologies, Inc. or MCI WorldCom Technologies, Inc., Intermedia Communications LLC) (such Amendment, the "Original Superseding Amendment") is hereby amended as follows:

1. Notwithstanding anything to the contrary in Section 1 of the Amendment Superseding Certain Reciprocal Compensation Interconnection and Trunking Terms, the term of the Original Superseding Amendment will be extended and shall remain in effect through July 31, 2013. Thereafter, the Original Superseding Amendment will remain in full force and effect unless terminated in accordance with the terms thereof.
2. EXCEPT AS MODIFIED HEREIN, ALL OTHER TERMS AND CONDITIONS OF THE UNDERLYING AGREEMENT (INCLUDING ANY AMENDMENTS THERETO) SHALL REMAIN UNCHANGED AND IN FULL FORCE AND EFFECT.
3. This Amendment shall be filed with and is subject to approval by the applicable state Commissions.

MCImetro Access Transmission Services LLC**Illinois Bell Telephone Company d/b/a AT&T Illinois,
by AT&T Services, Inc., its authorized agent**By: Name: Peter H. ReynoldsTitle: DirectorDate: July 21, 2011By: Name: Patrick Doherty
(Print or Type)Title: Director - Regulatory
(Print or Type)Date: AUG 02 2011

	<u>Resale OCN</u>	<u>ULEC OCN</u>	<u>CLEC OCN</u>
ILLINOIS			7149

ACNA - ICF

	<u>Resale OCN</u>	<u>ULEC OCN</u>	<u>CLEC OCN</u>
ILLINOIS	7108		7228

ACNA - MFZ

	<u>Resale OCN</u>	<u>ULEC OCN</u>	<u>CLEC OCN</u>
ILLINOIS			2655

ACNA - AKJ

	<u>Resale OCN</u>	<u>ULEC OCN</u>	<u>CLEC OCN</u>
ILLINOIS	7287	7229	7229

ACNA - WUA

AT&T Wholesale Amendment

**FURTHER AMENDMENT TO
AMENDMENT SUPERSEDING CERTAIN RECIPROCAL COMPENSATION, INTERCONNECTION AND
TRUNKING TERMS
BETWEEN
ILLINOIS BELL TELEPHONE COMPANY D/B/A AT&T ILLINOIS
AND
MCIMETRO ACCESS TRANSMISSION SERVICES LLC**

The Amendment Superseding Certain Reciprocal Compensation Interconnection and Trunking Terms effective August 1, 2007 by and between Illinois Bell Telephone Company d/b/a AT&T ILLINOIS ("AT&T") and MCImetro Access Transmission Services LLC ("MCIm") (such Amendment, the "Superseding Amendment") is as applicable to AT&T and MCIm amended as follows:

WHEREAS, AT&T and MCIm entered into an interconnection agreement pursuant to Sections 251 and 252 of the Communications Act of 1934, as amended (the "Act") that was approved by the state Commission and effective on November 14, 2010 (the "ICA"); and

WHEREAS, the Parties have amended, modified and superseded certain compensation, interconnection and trunking provisions of the ICA by the Superseding Amendment and also incorporated the terms of the Superseding Amendment in future interconnection agreements between the Parties through a certain Termination Date; and

WHEREAS, the Parties have extended the Termination Date of the Superseding Amendment in 2009 and thereafter, in 2011; and

WHEREAS, the Parties desire to extend the Termination Date of the Superseding Amendment again.

NOW, THEREFORE, for and in consideration of the premises, mutual promises and covenants contained in this Amendment, and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the Parties agree as follows:

1. Notwithstanding anything to the contrary in Section 1 of the Superseding Amendment, the term of the Superseding Amendment will be extended and shall remain in effect through June 30, 2014. Thereafter, the Superseding Amendment will remain in full force and effect unless terminated in accordance with the terms thereof.
2. EXCEPT AS MODIFIED HEREIN, ALL OTHER TERMS AND CONDITIONS OF THE UNDERLYING AGREEMENT (INCLUDING, BUT NOT LIMITED TO, ANY AMENDMENTS THERETO) SHALL REMAIN UNCHANGED AND IN FULL FORCE AND EFFECT.
3. This Amendment shall be filed with and is subject to approval by the applicable state Commission.



MCImetro Access Transmission Services LLC

Illinois Bell Telephone Company d/b/a AT&T
ILLINOIS, by AT&T Services, Inc., its authorized
agentBy: eSigned - Peter H ReynoldsBy: eSigned - Kristen E. ShoreName: _____
(Print or Type)Name: eSigned - Kristen E. ShoreTitle: Dir-Vendor Mgmt
(Print or Type)Title: DirectorDate: 30 Aug 2013Date: 17 Oct 2013MCImetro Access Transmission Services LLC
OCNs and ACNAs:

	<u>Resale OCN</u>	<u>ULEC OCN</u>	<u>CLEC OCN</u>
ILLINOIS			7149
ACNA -	ICF		

	<u>Resale OCN</u>	<u>ULEC OCN</u>	<u>CLEC OCN</u>
ILLINOIS	7108		7228
ACNA -	MFZ		

	<u>Resale OCN</u>	<u>ULEC OCN</u>	<u>CLEC OCN</u>
ILLINOIS			2655
ACNA -	AKJ		

	<u>Resale OCN</u>	<u>ULEC OCN</u>	<u>CLEC OCN</u>
ILLINOIS	7287	7229	7229
ACNA -	WUA		

MCIm may add OCNs and/or ACNAs to, and/or delete OCNs and/or ACNAs from, the above list of OCNs and ACNAs with the written consent of AT&T, which consent shall not be unreasonably withheld, conditioned or delayed.

AT&T Wholesale Amendment

AMENDMENT
BETWEEN
ILLINOIS BELL TELEPHONE COMPANY D/B/A AT&T ILLINOIS
AND
MCIMETRO ACCESS TRANSMISSION SERVICES LLC



Signature: eSigned - Daniel J Higgins IISignature: eSigned - Kristen E. ShoreName: eSigned - Daniel J Higgins II
(Print or Type)Name: eSigned - Kristen E. Shore
(Print or Type)Title: AVP, Verizon Partner Solutions
(Print or Type)Title: Executive Director-Regulatory
(Print or Type)Date: 29 Jul 2014Date: 08 Aug 2014

MCIMetro Access Transmission Services LLC

Illinois Bell Telephone Company d/b/a AT&T
ILLINOIS by AT&T Services, Inc., its authorized agent

State	Resale OCN	ULEC OCN	CLEC OCN
ILLINOIS	7108 7287	7229	7149 7228 2655 7229

Description	ACNA Code(s)
ACNA(s)	ICF MFZ AKJ WUA

**FURTHER AMENDMENT TO
AMENDMENT SUPERSEDING CERTAIN RECIPROCAL COMPENSATION,
INTERCONNECTION AND TRUNKING TERMS
BETWEEN
ILLINOIS BELL TELEPHONE COMPANY D/B/A AT&T ILLINOIS
AND
MCIMETRO ACCESS TRANSMISSION SERVICES LLC**

The Amendment Superseding Certain Reciprocal Compensation Interconnection and Trunking Terms effective August 1, 2007 by and between Illinois Bell Telephone Company d/b/a AT&T Illinois ("AT&T ILLINOIS") and MCImetro Access Transmission Services LLC ("MCIm") (such Amendment, the "Superseding Amendment") is as applicable to AT&T ILLINOIS and MCIm amended as follows:

WHEREAS, AT&T ILLINOIS and MCIm entered into an interconnection agreement pursuant to Sections 251 and 252 of the Communications Act of 1934, as amended (the "Act") that was approved by the state Commission on November 4, 2010 (the "ICA"); and

WHEREAS, the Parties have amended, modified and superseded certain compensation, interconnection and trunking provisions of the ICA by the Superseding Amendment and also incorporated the terms of the Superseding Amendment in future interconnection agreements between the Parties through a certain Termination Date; and

WHEREAS, the Parties have extended the Termination Date of the Superseding Amendment in 2009 and thereafter, in 2011 and 2013; and

WHEREAS, the Parties desire to extend the Termination Date of the Superseding Amendment again.

NOW, THEREFORE, for and in consideration of the premises, mutual promises and covenants contained in this Amendment, and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the Parties agree as follows:

1. This Amendment is composed of the foregoing recitals, the terms and conditions, set forth below; all of which are hereby incorporated in this Amendment by this reference and constitute a part of this Amendment.
2. Notwithstanding anything to the contrary in Section 1 of the Superseding Amendment, the term of the Superseding Amendment will be extended and shall remain in effect through June 30, 2015. Thereafter, the Superseding Amendment will remain in full force and effect unless terminated in accordance with the terms thereof.
3. The Parties also agree to replace Sections 19. – 19.5 in their entirety of the General Terms and Conditions from the Agreement with the following language for the State of Illinois:

19. Notice

19.1 Notices given by one Party to the other Party 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:

19.1.1 delivered personally, delivered by express delivery service or mailed via certified mail or first class U.S. Postal Service, with postage prepaid and a return receipt requested.

19.2 Notices will be deemed given as of the earliest of:

19.2.1 the date of actual receipt;

19.2.2 the next Business Day when sent via express delivery service; or

19.2.3 five (5) calendar days after mailing in the case of first class or certified U.S. Postal Service; or

19.3 Notices will be addressed to the Parties as follows:

NOTICE CONTACT	CARRIER CONTACT
NAME/TITLE	Daniel J Higgins II AVP, Verizon Partner Solutions
STREET ADDRESS	One Verizon Way
CITY, STATE, ZIP CODE	Basking Ridge, NJ 07920
PHONE NUMBER*	704-510-8550
FACSIMILE NUMBER	N/A
EMAIL ADDRESS	daniel.higgins@verizon.com

	AT&T CONTACT
NAME/TITLE	Contract Management ATTN: Notices Manager
STREET ADDRESS	311 S. Akard St., 19th floor Four AT&T Plaza
CITY, STATE, ZIP CODE	Dallas, TX 75202-5398
FACSIMILE NUMBER	(214) 464-2006
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.

- 19.4 Either Party may unilaterally change its designated contact name and address for the receipt of Notices by giving written Notice to the other Party in compliance with this Section 19. Unless explicitly stated otherwise, any change to the designated contact name and address will replace such information currently on file. Any Notice to change the designated contact name and address for the receipt of Notices shall be deemed effective ten (10) calendar days following receipt by the other Party.
- 19.5 AT&T ILLINOIS 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.
4. EXCEPT AS MODIFIED HEREIN, ALL OTHER TERMS AND CONDITIONS OF THE UNDERLYING AGREEMENT (INCLUDING, BUT NOT LIMITED TO, ANY AMENDMENTS THERETO) SHALL REMAIN UNCHANGED AND IN FULL FORCE AND EFFECT.
5. This Amendment shall be filed with and is subject to approval by the State Commission and shall become effective ten (10) days following approval by such Commission.

AT&T Wholesale Amendment

AMENDMENT
BETWEEN
ILLINOIS BELL TELEPHONE COMPANY D/B/A AT&T ILLINOIS
AND
MCIMETRO ACCESS TRANSMISSION SERVICES LLC



Signature: eSigned - Daniel J. Higgins IISignature: eSigned - Kristen E. ShoreName: eSigned - Daniel J. Higgins II
(Print or Type)Name: eSigned - Kristen E. Shore
(Print or Type)Title: AVP, Verizon Partner Solution
(Print or Type)Title: Executive Director-Regulatory
(Print or Type)Date: 07 Oct 2015Date: 14 Oct 2015

MCImetro Access Transmission Services LLC

Illinois Bell Telephone Company d/b/a AT&T
ILLINOIS by AT&T Services, Inc., its authorized agent

	<u>Resale OCN</u>	<u>ULEC OCN</u>	<u>CLEC OCN</u>
ILLINOIS			7149
ACNA - ICF			

	<u>Resale OCN</u>	<u>ULEC OCN</u>	<u>CLEC OCN</u>
ILLINOIS	7108		7228
ACNA - MFZ			

	<u>Resale OCN</u>	<u>ULEC OCN</u>	<u>CLEC OCN</u>
ILLINOIS			2655
ACNA - AKJ			

	<u>Resale OCN</u>	<u>ULEC OCN</u>	<u>CLEC OCN</u>
ILLINOIS	7287	7229	7229
ACNA - WUA			

MCIm may add OCNs and/or ACNAs to, and/or delete OCNs and/or ACNAs from, the above list of OCNs and ACNAs with the written consent of AT&T, which consent shall not be unreasonably withheld, conditioned or delayed.

**AMENDMENT TO THE AGREEMENT
BETWEEN
MCIMETRO ACCESS TRANSMISSION SERVICES LLC
AND
ILLINOIS BELL TELEPHONE COMPANY D/B/A AT&T ILLINOIS**

This Amendment (the "Amendment") amends the Interconnection Agreement by and between Illinois Bell Telephone Company d/b/a AT&T ILLINOIS ("AT&T ILLINOIS") and MCImetro Access Transmission Services LLC ("CLEC"). AT&T ILLINOIS and CLEC are hereinafter referred to collectively as the "Parties" and individually as a "Party".

WHEREAS, AT&T ILLINOIS and CLEC are parties to an Interconnection Agreement under Sections 251 and 252 of the Communications Act of 1934, as amended (the "Act"), approved November 4, 2010 and as subsequently amended (the "Agreement"); and

WHEREAS, pursuant to the Report and Order and Further Notice of Proposed Rulemaking 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) ("the Order"), the Parties desire to amend the Agreement to implement the terms of the Order.

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, the terms and conditions, set forth below; all of which are hereby incorporated in this Amendment by this reference and constitute a part of this Amendment.

- 1.1 The Parties hereby implement the intercarrier compensation rate schedules attached hereto as Exhibit 1 for the termination of all Section 251(b)(5) Traffic exchanged between the parties in the applicable state(s). The rates included in Exhibit 1 hereby supersede the existing rate elements included in the underlying Agreement for purposes of reciprocal compensation.

2. The Parties agree to replace Section 19 from the Agreement with the following language:

19. Notices

- 19.1 Notices given by CLEC to AT&T ILLINOIS 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:

19.1.1 delivered by electronic mail (email);

19.1.2 delivered by facsimile.

- 19.2 Notices given by AT&T ILLINOIS 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:

19.2.1 delivered by express delivery service with next Business Day delivery;

19.2.2 delivered by first class, certified or registered U.S. mail, postage prepaid.

- 19.3 Notices will be deemed given as of the earliest of:

19.3.1 the date of actual receipt;

19.3.2 where the notice is sent via express delivery service for next Business Day delivery, the next Business Day after the notice is sent;

19.3.3 where the notice is sent via First Class U.S. Mail, three (3) Business Days after mailing;

19.3.4 where notice is sent via certified or registered U.S. mail, the date of receipt shown on the U.S. Postal Service receipt.

19.4 Notices will be addressed to the Parties as follows:

NOTICE CONTACT	CLEC CONTACT
NAME/TITLE	Daniel J. Higgins II AVP, Verizon Partner Solution
STREET ADDRESS	1 Verizon Way VC22E009
CITY, STATE, ZIP CODE	Basking Ridge, NJ 07920
PHONE NUMBER*	908-559-1770
FACSIMILE NUMBER	N/A
EMAIL ADDRESS	daniel.higgins@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.

- 19.5 Either Party may unilaterally change its designated contact name, address, email address (if applicable), and/or facsimile number (if applicable) for the receipt of Notices by giving written Notice to the other Party in compliance with this Section 19.0. Unless explicitly stated otherwise, any change to the designated contact name, address, email address (if applicable), and/or facsimile number (if applicable) will replace such information currently on file. Any Notice to change the designated contact name, address, email address (if applicable), and/or facsimile number (if applicable) for the receipt of Notices shall be deemed effective ten (10) calendar days following receipt by the other Party.
- 19.6 In addition, CLEC agrees that it is responsible for providing AT&T ILLINOIS 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 ILLINOIS to be received at least thirty (30) days prior to the change and/or addition in accordance with this Section 19.0 notice provision; CLEC shall also update its CLEC Profile through the applicable form and/or web-based interface.
- 19.6.1 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.
- 19.6.2 CLEC may be able to place orders for certain services in AT&T ILLINOIS 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.
- 19.7 AT&T ILLINOIS 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.

3. In entering into this Amendment, neither Party waives, and each Party expressly reserves, any rights, remedies or arguments it may have at law or under the intervening law or regulatory change provisions in the underlying Agreement

(including intervening law rights asserted by either Party via written notice predating this Amendment) with respect to any orders, decisions, legislation or proceedings and any remands thereof, which the Parties have not yet fully incorporated into this Agreement or which may be the subject of further review.

4. This Amendment shall not modify or extend the Effective Date or Term of the underlying Agreement, but rather, shall be coterminous with such Agreement.
5. EXCEPT AS MODIFIED HEREIN, ALL OTHER TERMS AND CONDITIONS OF THE UNDERLYING AGREEMENT SHALL REMAIN UNCHANGED AND IN FULL FORCE AND EFFECT.
6. This Amendment shall be filed with and is subject to approval by the State Commission and shall become effective ten (10) days following approval by such Commission.

PRICING SHEETS

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 (Effective through 6/30/17)	OHU	USG15		0.0007			MOU
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 (Effective 7/01/17)	OHU	USG15		\$0.00			MOU

AT&T Wholesale Amendment

AMENDMENT

BETWEEN

ILLINOIS BELL TELEPHONE COMPANY D/B/A AT&T ILLINOIS

AND

MCIMETRO ACCESS TRANSMISSION SERVICES LLC



Signature: eSigned - Daniel J. Higgins IISignature: eSigned - William A. BockelmanName: eSigned - Daniel J. Higgins II
(Print or Type)Name: eSigned - William A. Bockelman
(Print or Type)Title: AVP, Verizon Partner Solution
(Print or Type)Title: Director
(Print or Type)Date: 01 Dec 2015Date: 02 Dec 2015

MCImetro Access Transmission Services LLC

Illinois Bell Telephone Company d/b/a AT&T
ILLINOIS by AT&T Services, Inc., its authorized agent

MCI may add OCNs and/or ACNAs to, and/or delete OCNs and/or ACNAs from, the above list of OCNs and ACNAs with the written consent of AT&T, which consent shall not be unreasonably withheld, conditioned or delayed

	<u>Resale OCN</u>	<u>ULEC OCN</u>	<u>CLEC OCN</u>
ILLINOIS			7149

ACNA - ICF

	<u>Resale OCN</u>	<u>ULEC OCN</u>	<u>CLEC OCN</u>
ILLINOIS	7108		7228

ACNA - MFZ

	<u>Resale OCN</u>	<u>ULEC OCN</u>	<u>CLEC OCN</u>
ILLINOIS			2655

ACNA - AKJ

	<u>Resale OCN</u>	<u>ULEC OCN</u>	<u>CLEC OCN</u>
ILLINOIS	7287	7229	7229

ACNA - WUA

**AMENDMENT TO THE AGREEMENT
BETWEEN
MCIMETRO ACCESS TRANSMISSION SERVICES LLC
AND
ILLINOIS BELL TELEPHONE COMPANY D/B/A AT&T ILLINOIS**

This amendment ("Amendment") amends the Interconnection Agreement by and between Illinois Bell Telephone Company d/b/a AT&T Illinois ("AT&T") and MCImetro Access Transmission Services LLC ("CLEC"). AT&T and CLEC are hereinafter referred to collectively as the "Parties" and individually as a "Party."

WHEREAS, AT&T and CLEC are parties to an Interconnection Agreement under Sections 251 and 252 of the Communications Act of 1934, as amended (the "Act"), approved November 4, 2010 and as subsequently amended ("Agreement"); and

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 Order"), and modify certain provisions related to Customer Information Services.

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, and Exhibit A and Exhibit B Pricing Sheet immediately following, all of which are hereby incorporated in 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. **Customer Information Services (CIS)**
 - 3.1. With the exception of 3.3 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.
 - 3.2. Add Appendix – Customer Information Services (CIS), attached hereto as Exhibit A, and add the CIS Pricing Appendix Customer Information Services (CIS) rates reflected in the Pricing Sheet, attached hereto as Exhibit B, to the Agreement.
 - 3.3. **Add the following provisions to the Attachment or Appendix for Resale**
 - 3.3.1. 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.
 - 3.3.2. 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.
 - 3.3.3. 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.
 - 3.3.4. 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.

- 3.3.5. 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.
- 3.3.6. 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.

4. Conflict between this Amendment and the Agreement

- 4.1. 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.
5. 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.
6. This Amendment shall not modify or extend the Effective Date or Term of the underlying Agreement, but rather, shall be coterminous with such Agreement.
7. EXCEPT AS MODIFIED HEREIN, ALL OTHER TERMS AND CONDITIONS OF THE UNDERLYING AGREEMENT SHALL REMAIN UNCHANGED AND IN FULL FORCE AND EFFECT.
8. This Amendment shall be filed with and is subject to approval by the State Commission and shall become effective ten (10) days following approval by such Commission.

APPENDIX – CUSTOMER INFORMATION SERVICES

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1.0 Introduction

1.1 The following services are provided as Customer Information Services – Operator Services/Directory Assistance (OS/DA), Inward Assistance Operator Services (INW), Directory Assistance Listings (DAL) and White Pages.

1.2 OS/DA:

1.2.1 This Appendix 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 local exchange territory, regardless of whether CLEC is serving its End Users via:

1.2.1.1 CLEC's own physical switches,

1.2.1.2 Resale of AT&T Retail OS/DA service, or

1.2.1.3 Leased local circuit switching from AT&T.

1.2.2 CLEC shall be the retail OS/DA provider to its End Users, and AT&T shall be the wholesale provider of OS/DA operations to CLEC. AT&T 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 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 technically feasible and available, AT&T 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'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 3.6.8 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 INW:

1.3.1 This Appendix also sets forth terms and conditions for INW for Facilities-Based CLECs.

1.3.2 Where technically feasible and available, when an operator dials the appropriate Toll Center Code in addition to the inward code, the AT&T INW operator will provide the Busy Line Verification (BLV) service and Busy Line Verification/Interrupt (BLV/I) service.

1.4 DAL:

1.4.1 This Appendix sets forth terms and conditions under which CLEC agrees to purchase DAL information from AT&T.

1.5 White Pages:

- 1.5.1 This Appendix sets forth terms and conditions that apply to Facility-Based CLECs for subscriber listing information in white page directories provided by AT&T.

2.0 Definitions

- 2.1 "Busy Line Verification (BLV)" means a service in which an End User asks an operator to verify a conversation in progress.
- 2.2 "Busy Line Verification/Interrupt (BLV/I)" means a service in which an End User asks an operator to verify and interrupt a conversation in progress, to determine if one of the parties is willing to speak to the caller requesting the interrupt.
- 2.3 "Consolidated Reference Rater (CRR)" provides reference information (business office and repair numbers) and rate quotes for CLEC End Users.
- 2.4 "Facilities-Based CLEC" means a CLEC that provides service through its own switch, a Third Party provider's switch or via local circuit switching leased from AT&T via a stand-alone agreement.
- 2.5 "General Assistance" means a service in which an operator calls the INW operator seeking assistance in dialing a number. For example, the assistance could be required for attempting to dial a number where a 'no ring' condition has been encountered.
- 2.6 "Services" means Operator Services/Directory Assistance (OS/DA), Inward Assistance Operator Services (INW), Directory Assistance Listings (DAL) and White Pages.
- 2.7 "Toll Center Code" means the three digit access tandem code (ATC) code that uniquely identifies a tandem switch in the Local Exchange Routing Guide (LERG) designated as providing access to operator services functions. An operator dials the appropriate area code + ATC + OPR SVC CODE to obtain INW.

3.0 Operator Services (OS) / Directory Services (DA)

3.1 Dialing Parity:

- 3.1.1 AT&T will provide OS/DA to CLEC's End Users with no unreasonable dialing delays and at dialing parity with AT&T retail OS/DA services.

3.2 Response Parity:

- 3.2.1 Where technically feasible and/or available, CLEC's End Users shall be answered by AT&T's OS and DA platforms with the same priority and using the same methods as for AT&T's End Users.
- 3.2.2 Any technical difficulties in reaching the AT&T 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 End Users served via that same AT&T 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'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) within 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-, 0+, 411, 1411, 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-, 0+, 411, 1411, 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'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 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's OS/DA platforms.
- 3.3.4 CLEC shall be financially responsible for the transport facilities to the AT&T's switch (es). CLEC may self-provision these OS/DA facilities, lease them from Third Parties, or lease them from AT&T's intrastate Special Access Tariff.
- 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 OS/DA switches as a segregated one-way trunk group utilizing Multi-Frequency (MF) signaling. Unless technically infeasible, AT&T 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 (EOOSS) from the AT&T end offices to the AT&T 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 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 OS Trunks:
 - 3.3.6.1.1 CLEC shall establish a one-way trunk group from CLEC's switch to the AT&T 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 ASR's 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 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, 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 Florida, 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.

3.3.6.3 Busy Line Verification/Emergency Interrupt (BLV/EI) Trunks:

3.3.6.3.1 Where available, when CLEC wishes for AT&T to perform Busy Line Verification or Emergency Interrupt for CLEC End Users a segregated one-way BLV trunk group with MF signaling from AT&T's OS switch to CLEC's switch serving End Users in that LATA will be required. CLEC will have administrative control for the purpose of issuing ASRs on this one-way trunk group. The BLV trunk group will be designated with the appropriate traffic use code and modifier.

3.4 OS Offerings:

3.4.1 OS Rate Structure:

3.4.1.1 AT&T 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 technically feasible and/or available). The pricing sheet contains the full set of OS recurring and nonrecurring rates.

3.4.2 OS Call Processing:

3.4.2.1 AT&T will provide OS to CLEC End Users where technically feasible and/or available to AT&T End Users served in accordance with OS methods and practices in effect at the time the CLEC End User makes an OS call. AT&T will provide the following OS services to CLEC End User:

3.4.2.1.1 General Assistance - The End User dialing 0- or 0+, asks the OS operator to provide local and intraLATA dialing assistance for the purposes of completing calls, or requesting information on how to place calls (e.g., handling emergency calls, handling credits, etc.).

3.4.2.1.2 Calling Card - The End User dialing 0- or 0+, provides the OS operator with a Calling Card number for billing purposes, and seeks assistance in completing the call.

3.4.2.1.3 Collect - The End User dialing 0- or 0+, asks the OS operator to bill the charges associated with the call to the called number, provided such billing is accepted by the called number.

3.4.2.1.4 Third Number Billed - The End User dialing 0- or 0+, asks the OS operator to bill the call to a different number than the calling or called number.

3.4.2.1.5 Person-To-Person- The End User dialing 0- or 0+, asks the OS Operator for assistance in reaching a particular person 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.

3.4.2.1.6 Busy Line Verification (BLV) - A service in which the End User asks an OS operator to verify a conversation in progress.

3.4.2.1.7 Busy Line Interrupt (BLV/I) - A service in which the End User asks an operator to verify and interrupt a conversation in progress, to determine if one of the parties is willing to speak to the caller requesting the interrupt.

3.5 DA Offerings:

3.5.1 DA Rate Structure:

- 3.5.1.1 AT&T 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 DA Call Processing:
 - 3.5.2.1 AT&T will provide DA Services to CLEC End Users where technically feasible and available to AT&T 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 will provide the following DA services to a CLEC End User.
 - 3.5.2.1.1 Local Directory Assistance - Consists of providing published name and telephone number.
 - 3.5.2.1.2 Directory Assistance Call Completion (DACC) - A service in which a local or an intraLATA call to the requested number is completed.
 - 3.5.2.1.3 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.
 - 3.5.2.1.4 Reverse Directory Assistance (RDA) - Consists of providing listed local and national name and address information associated with a telephone number.
 - 3.5.2.1.5 Business Category Search (BCS) - A service 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 The incoming OS/DA call is automatically answered by a pre-recorded greeting loaded into the OS/DA switch itself. CLEC may custom brand or brand with silence.
 - 3.6.1.1 CLEC will provide announcement phrase information, via Operator Services Translations Questionnaire (OSTQ), to AT&T 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 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.
 - 3.6.2 If CLEC does not wish to custom brand the OS/DA calls, CLEC End Users will hear silence upon connecting with the OS/DA switch by having AT&T load a recording of silence into the automatic, pre-recorded announcement slot, set for the shortest possible duration allowed by the switch, to then be routed to OS/DA platform with all other OS/DA calls, for which brand loading charges will still apply.
 - 3.6.2.1 CLEC understands that End Users may not perceive silent announcements as ordinary mechanical handling of OS/DA calls.
 - 3.6.2.2 CLEC agrees that if it does not brand the call, CLEC shall indemnify and hold AT&T harmless from any regulatory violation, consumer complaint, or other sanction for failing to identify the OS/DA provider to the dialing End User.
 - 3.6.3 AT&T will be responsible for loading the CLEC provided recording or the silent announcement 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 End Users. CLEC will be responsible for paying the initial recording or silent 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.

- 3.6.4 Branding/Silent Announcement 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/Silent Announcement charge. These charges are mandatory, nonrecurring, and are found in the pricing sheet.
- 3.6.5 Where CRR is technically feasible and/or available, the applicable CLEC-charged retail OS/DA rates and a CLEC-provided contact number (e.g., reference to a CLEC business office or repair call center) are loaded into the system utilized by the OS operator.
- 3.6.6 Where CRR is available, AT&T 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.
- 3.6.7 CRR load charges are assessed per loaded set of rates/references, where Consolidated Reference Rater is available, 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.
- 3.6.8 Converting End Users from Prior Branded Service to CLEC or Silent-Branded Service, or between Resale and facilities-based service:
 - 3.6.8.1 To the extent that CLEC has already established the Branding/Silent Announcement recording in AT&T 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.
 - 3.6.8.2 To the extent that CLEC has not established the Branding/Silent Announcement recording in AT&T 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 Inward Assistance Operator Services (INW)

4.1 Responsibilities of the Parties:

- 4.1.1 To the extent that CLEC elects to interconnect with AT&T's operator assistance switches, the CLEC's responsibilities are described below.
- 4.1.2 CLEC shall be financially responsible for the transport facilities to the AT&T's switch(es). CLEC may self-provision these INW facilities, lease them from Third Parties, or lease them from AT&T's intrastate special access tariff.
- 4.1.3 The CLEC will initiate an ASR for a one-way trunk group from its designated operator assistance switch to the AT&T operator assistance switch utilizing MF signaling.

4.2 CLEC will request in writing, thirty calendar (30) days in advance of the date when the INW are to be provided, unless otherwise agreed to by AT&T. CLEC or its designated OS providers shall submit an ASR to AT&T to establish any new interconnection trunking arrangements.

- 4.2.1 CLEC must provide one (1) Carrier Identification Code (CIC) for its CLEC or Incumbent Exchange Carrier business operation and an additional CIC for its IXC business operation if the CLEC wishes to receive separate billing data for its CLEC and IXC operations.

4.3 Specifics of INW Offering and Pricing:

- 4.3.1 Toll Center Codes will be used by the CLEC operators for routing and connecting to the AT&T operator assistance switches. These codes are specific to the various AT&T LATAs where AT&T operator assistance switches are located.
- 4.3.2 AT&T OS will require a Toll Center Code for the CLEC OS assistance switch. This code will be the routing code used for connecting the AT&T operator to the CLEC operator on an inward basis.
- 4.3.3 If the CLEC requires establishment of a new Toll Center Code, CLEC shall do so by referencing the LERG.
- 4.3.4 AT&T pricing for INW shall be based on the rates specified in the pricing sheet.
- 4.4 If the CLEC terminates INW or OS/DA service prior to the expiration of the term of this Agreement, CLEC shall pay AT&T, within thirty (30) calendar days of the issuance of any bills by AT&T, all amounts due for actual services provided under this Appendix, 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 pursuant to this Appendix prior to its termination.
- 4.5 The rates applicable for determining the amount(s) under the terms outlined in this Section are those specified in the pricing sheet.

5.0 Directory Assistance Listings (DAL)

5.1 Responsibilities of the Parties:

- 5.1.1 Where technically feasible and available, AT&T will provide DAL information referred to as Directory Assistance Listing (DAL) in AT&T Florida, Directory Assistance Database Services (DADS) in AT&T Florida (hereinafter collectively referred to as DAL).
- 5.1.2 AT&T owns and maintains the database containing DAL information (name, address and published telephone number, or an indication of "non-published status") of telephone service subscribers.
- 5.1.3 AT&T uses the DAL information in its database to provide directory assistance (DA) service to End Users who call AT&T's DA to obtain such information.
- 5.1.4 Inasmuch as AT&T provides DA service under contract for ILECs and CLECs, AT&T's database also contains DAL information of other ILEC and CLEC telephone service subscribers.
- 5.1.5 CLEC, or its agent, who choose to provide DA service to CLEC's End Users located in the CLEC's service area may load its database with DAL contained in AT&T's DA database.
- 5.1.6 AT&T agrees to license requested DAL information contained in its database, under the following terms and conditions:
 - 5.1.6.1 AT&T shall provide DAL information in a mutually acceptable format.
 - 5.1.6.2 AT&T shall provide DAL information to CLEC via a mutually acceptable mode of transmission. Once the mode of transmission has been determined, AT&T will provide to CLEC the initial load of DAL information in a mutually agreed upon timeframe.

5.2 Product Specific Service Delivery Provisions:

5.2.1 Use of DAL Information:

- 5.2.1.1 CLEC may use the DAL information licensed and provided pursuant to this Appendix in compliance with all applicable laws, regulations, and rules including any subsequent decision by the FCC or a court regarding the use of DAL.
- 5.2.1.2 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 when available. The information provided for non-published telephone service subscribers can only be used for two (2) 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 telephone service subscribers may be used for verification of the non-published status of the listing. If a caller provides the address for a requested listing, CLEC may verify the non-published status of the requested listing by matching the caller-provided address with the address in CLEC's database. CLEC however, may not provide the address information of a requested listing of a non-published telephone service subscriber to a caller under any circumstances, including when verifying the address. CLEC can notify the End User that the requested listing is non-published.

5.3 Other:

5.3.1 Pricing:

5.3.1.1 The prices at which AT&T agrees to provide CLEC with DAL are provided for in the pricing sheet.

5.3.2 Breach of Contract:

5.3.2.1 In the event a Party is found to have materially breached the DAL provision of this Appendix, such breach shall be remedied immediately and the non-breaching Party shall have the right to terminate the breaching Party's DAL license, without terminating its own rights hereunder, upon fourteen (14) calendar days Notice, until the other Party's breach is remedied. Further should CLEC breach the DAL provisions of this Appendix, it shall immediately cease use of AT&T's DAL information.

5.3.3 Term of DAL Service:

5.3.3.1 After twelve (12) consecutive months of service, either Party may terminate the DAL services provided under this Appendix, without termination liability, upon one hundred-twenty (120) calendar days' written Notice to the other Party.

5.3.3.2 If the CLEC terminates this service prior to the first twelve (12) consecutive months of the contract term, CLEC shall pay AT&T, within thirty (30) calendar days of the issuance of any bills by AT&T, all amounts due for actual services provided under this Appendix, plus the monthly or estimated charges for the remainder of the first twelve (12) months of the contract term, plus costs incurred by AT&T associated with the provision of the DAL database.

5.3.4 Ordering:

5.3.4.1 To order DAL service, CLEC shall use a DAL Order Application form as provided by AT&T.

6.0 White Pages

6.1 General Provisions:

6.1.1 AT&T will make available to CLEC, for CLEC End Users, non-discriminatory access to white pages directory listings, as described herein.

6.1.2 AT&T will meet state requirements through itself or a contracted vendor to publish alphabetical white pages directories in multiple formats, including printed directories, CD-ROM and other electronic formats for its ILEC territory, as defined in the General Terms and Conditions of this Agreement. CLEC provides local exchange telephone service in the same area(s) and CLEC wishes to include listing information for its End Users located in AT&T's ILEC territory in the appropriate white pages directories.

6.2 Responsibilities of the Parties:

6.2.1 Subject to AT&T's practices, as well as the rules and regulations applicable to the provision of white pages directories, AT&T will include in appropriate white pages directories the primary alphabetical listings of CLEC End Users located within the ILEC territory. The rules, regulations and AT&T practices are subject to change from time to time. When CLEC provides its subscriber listing information to AT&T listings database,

CLEC will receive for its End User, one primary listing in AT&T white pages directory and a listing in AT&T's DA database at no charge, other than applicable service order charges as set forth in the pricing sheet.

- 6.2.1.1 Except in the case of a Local Service Request (LSR) submitted solely to port a number from AT&T Florida, 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's tariffs shall apply, as well as the manual service order charge or the electronic service order charge, as appropriate.
- 6.2.1.2 Listing Information Confidentiality:
 - 6.2.1.2.1 AT&T will afford CLEC's directory listing information the same level of confidentiality that AT&T affords its own directory listing information.
- 6.2.1.3 Unlisted/Non-Published End Users:
 - 6.2.1.3.1 CLEC will provide to AT&T 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 the pricing sheet.
- 6.2.1.4 Additional, Designer and Other Listings:
 - 6.2.1.4.1 Where a CLEC End User requires foreign, enhanced, designer or other listings in addition to the primary listing to appear in the white pages directory, AT&T will offer such listings at rates as set forth in AT&T's tariffs and/or service guidebooks.
- 6.2.2 CLEC shall furnish to AT&T subscriber listing information pertaining to CLEC End Users located within the ILEC Territory, along with such additional information as AT&T 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.
- 6.2.3 CLEC will provide accurate subscriber listing information of its subscribers to AT&T via a mechanical or manual feed of the directory listing information to AT&T's Directory Listing database. 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'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.
- 6.2.4 Distribution of Directories:
 - 6.2.4.1 Each CLEC subscriber will receive one copy per primary End User listing, as provided by CLEC, of the appropriate AT&T white pages directory in the same manner, format and at the same time that they are delivered to AT&T's subscribers during the annual delivery of newly published directories.
 - 6.2.4.2 AT&T has no obligation to provide any additional white page directories above the directories provided to CLEC End Users as specified in Section 6.2.5.1 above.
 - 6.2.4.3 CLEC subscribers may receive for additional directories in the same manner and format as they are made available to AT&T's subscribers.
- 6.2.5 AT&T shall direct its publishing vendor to offer CLEC the opportunity to include in the "information pages", or comparable section of its white pages directories (covering the territory where CLEC is certified to provide

local service), information provided by CLEC for CLEC installation, repair, customer service and billing information.

6.2.6 Use of Subscriber Listing Information:

6.2.6.1 AT&T agrees to serve as the single point of contact for all independent and Third Party directory publishers who seek to include CLEC's subscriber (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's subscriber listing information. In exchange for AT&T serving as the single point of contact and handling all subscriber listing information equally, CLEC authorizes AT&T to include and use the CLEC subscriber listing information provided to AT&T 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's use of CLEC's subscriber listing information in AT&T's DA, DA related products and services, and directory publishing products and services.

6.2.6.2 AT&T further agrees not to charge CLEC for serving as the single point of contact with independent and Third Party directory publishers, no matter what number or type of requests are fielded. In exchange for the handling of CLEC's subscriber list information to directory publishers, CLEC agrees that it will receive no compensation for AT&T's receipt of the subscriber list information or for the subsequent release of this information to directory publishers. Such CLEC subscriber list information shall be intermingled with AT&T's subscriber list information and the subscriber list information of other companies that have authorized a similar release of their subscriber list information by AT&T.

6.2.7 CLEC further agrees to pay all costs incurred by AT&T and/or its Affiliates as a result of CLEC not complying with the terms of this Appendix.

6.2.8 This Appendix 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.

6.2.9 Breach of Contract:

6.2.9.1 If either Party is found to have materially breached the white pages directory terms of this Appendix, the non-breaching Party may terminate the white pages directory terms of this Appendix by providing written Notice to the breaching Party, whereupon this Appendix 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 and/or its Affiliates and vendor as a result of such CLEC breach.

7.0 General Conditions:

7.1 Notwithstanding the foregoing, AT&T reserves the right to suspend, modify or terminate, without penalty, this Appendix in its entirety or any Service(s) or features of Service(s) offerings that are provided under this Appendix on ninety (90) days' written notice.

PRICING SHEETS
EXHIBIT B

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	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-Facility Based-Initial/Subsequent Load - Branding, per trunk group				NA	\$800.00	NA	
6	IL	OPERATOR SERVICES/DIRECTORY ASSISTANCE RATE/REFERENCES	Rate Reference - Initial Load, per state, per OCN				NA	\$5,000.00		per OCN
6	IL	OPERATOR SERVICES/DIRECTORY ASSISTANCE RATE/REFERENCES	Rate Reference - Subsequent Load, per state, per OCN				NA		\$1,500.00	per OCN
6	IL	OPERATOR CALL PROCESSING	Operator Services Fully Automated Call Processing, per call	XPU	OPEN		\$0.15	NA		per call
6	IL	OPERATOR CALL PROCESSING	Operator Assisted Call Processing -- All Types (Including Busy Line Verify [BLV] and Busy Line Verification / Interrupt [BLV/II]), per work second	XPU	OPEN		\$0.03	NA		per work second
6	IL	DIRECTORY ASSISTANCE SERVICES	DA Listing - per listing for initial load				NA	\$0.04	NA	per listing
6	IL	DIRECTORY ASSISTANCE SERVICES	DA Listing - per listing for subsequent updates				\$0.06		NA	per listing
6	IL	RESALE APPLICABLE DISCOUNTS	Resale Local Directory Assistance				21.46%	NA		discount
6	IL	RESALE APPLICABLE DISCOUNTS	Resale Local Operator Assistance Services				21.46%	NA		discount
6	IL	DIRECTORY ASSISTANCE SERVICES	Resale National Directory Assistance (NDA), per call				\$0.65	NA		per call
6	IL	DIRECTORY ASSISTANCE SERVICES	Resale Reverse Directory Assistance (RDA), per call				\$0.65	NA		per call
6	IL	DIRECTORY ASSISTANCE SERVICES	Resale Business Category Search (BCS) / where applicable, per call				\$0.65	NA		per call
6	IL	DIRECTORY ASSISTANCE SERVICES	Resale Directory Assistance Call Completion (DACC), per call				\$0.15	NA		per call
6	IL	BRANDING - DIRECTORY ASSISTANCE	Resale Directory Assistance Branding - Other - Initial/Subsequent Load, per switch, per OCN				NA	\$1,800.00		per switch, per OCN
6	IL	BRANDING - DIRECTORY ASSISTANCE	Resale Directory Assistance Brand and Reference/Rate Look Up, per call				\$0.03	NA		per OS/DA call
6	IL	DIRECTORY ASSISTANCE CUSTOMER BRANDING ANNOUNCEMENT	Resale Directory Assistance Rate Reference - Initial Load, per state, per OCN				NA	\$5,000.00		per OCN
6	IL	DIRECTORY ASSISTANCE CUSTOMER BRANDING ANNOUNCEMENT	Resale Directory Assistance Rate Reference - Subsequent Load, per state, per OCN				NA		\$1,500.00	per OCN
6	IL	DIRECTORY LISTING PRODUCT	White Page Directory Listings					NA	NA	per listing
6	IL	DIRECTORY LISTING PRODUCT	Non Published/Non List Directory Listings					NA	NA	per listing

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, NEVADA BELL TELEPHONE COMPANY D/B/A AT&T NEVADA AND AT&T WHOLESALE, 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

MCIMETRO ACCESS TRANSMISSION SERVICES CORP.; MCIMETRO ACCESS TRANSMISSION SERVICES CORP. D/B/A VERIZON ACCESS TRANSMISSION SERVICES



Signature: eSigned - Daniel J. Higgins IIName: eSigned - Daniel J. Higgins II
(Print or Type)Title: AVP, Verizon Partner Solution
(Print or Type)Date: 30 May 2017

MCImetro Access Transmission Services Corp.;
 MCImetro Access Transmission Services Corp.
 d/b/a Verizon Access Transmission Services

Signature: eSigned - William BockelmanName: eSigned - William Bockelman
(Print or Type)Title: DIR-INTERCONNECTION AGREEMENTS
(Print or Type)Date: 30 May 2017

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, Nevada Bell Telephone Company d/b/a AT&T NEVADA and AT&T Wholesale, 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	7149,7221,7229,7826	7229	7149,7228,7229
ARKANSAS	7020,7229	052A	052A,7277
CALIFORNIA	7020,7229,7526	7283	7070,7128,7229,7240,7283,8707
FLORIDA	7149,7229,7318,7448,7826	7229	2529,7149,7228,7229
GEORGIA	7149,7229,7318,7435,7826	7229	2529,7149,7228,7229
ILLINOIS	7108,7287	7229	2655,7149,7228,7229
INDIANA	7440,8552	7229	2658,7149,7228,7229
KANSAS	7020,7229	7524	2533,7524,7593
KENTUCKY	7149,7229,7826	7229	7149,7228,7229
LOUISIANA	7149,7229,7826	7229	7149,7229
MICHIGAN	7020,7108,7289	7229	2649,7227,7228,7229
MISSISSIPPI	7149,7221,7229,7463,7826	7229	4886,7149,7227,7229
MISSOURI	7020,7149,7229,7974	7290	2691,7290,7432,7594,7666
NEVADA	7020,7229	053A	053A,1794,7376

NORTH CAROLINA	7149,7221,7229,7826	7229	2529,7149,7228,7229
OHIO	7020,7108,7294	7229,7836	2535,7149,7227,7228,7229
OKLAHOMA	7020,7229	7824	7258,7824
SOUTH CAROLINA	7149,7221,7229,7826	7229	7149,7228,7229
TENNESSEE	7149,7221,7229,7278,7826	7229	7149,7227,7229
TEXAS	7020,7149,7229,7975	7297	2537,7239,7249,7297,7976
WISCONSIN	7108,7423	7229	2726,7228,7229

Description	ACNA Code(s)
ACNA(s)	ICF,MFZ,WUA,BFP,AKJ,BFC

AMENDMENT TO THE AGREEMENT BETWEEN

MCIMETRO ACCESS TRANSMISSION SERVICES LLC OR MCIMETRO ACCESS TRANSMISSION
SERVICES, L.L.C.

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, NEVADA BELL TELEPHONE
COMPANY D/B/A AT&T NEVADA AND AT&T WHOLESALE, 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

This Amendment (the "Amendment") amends the Agreements by and between AT&T and MCImetro Access Transmission Services LLC or MCImetro Access Transmission Services, L.L.C. (collectively "MCImetro") as shown in the attached Exhibit A. AT&T and MCImetro are hereinafter referred to collectively as the "Parties" and individually as a "Party."

WHEREAS, AT&T and MCImetro are Parties to the Agreements as shown in the attached Exhibit A; and

WHEREAS, MCImetro Access Transmission Services LLC and MCImetro Access Transmission Services, L.L.C. have changed their names to "MCImetro Access Transmission Services Corp." in the states of Alabama, California, Florida, Georgia, Indiana, Kansas, Louisiana, Missouri, Mississippi, Nevada, North Carolina, Oklahoma, South Carolina, Texas and Wisconsin and to "MCImetro Access Transmission Services Corp. d/b/a Verizon Access Transmission Services" in the states of Arkansas, Illinois, Kentucky, Michigan, Ohio and Tennessee and wish to reflect these name changes as set forth herein

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. Intercarrier Compensation
 - 2.1. 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.
3. Forbearance

- 3.1. 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.

4. Customer Information Services (CIS)

- 4.1. 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.
- 4.2. 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.
- 4.3. 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 "MCImetro Access Transmission Services LLC" or "MCImetro Access Transmission Services, L.L.C." to "MCImetro Access Transmission Services Corp." in the states of Alabama, California, Florida, Georgia, Indiana, Kansas, Louisiana, Missouri, Mississippi, Nevada, North Carolina, Oklahoma, South Carolina, Texas and Wisconsin and to "MCImetro Access Transmission Services Corp. d/b/a Verizon Access Transmission Services" in the states of Arkansas, Illinois, Kentucky, Michigan, Ohio and Tennessee.

- 5.2 AT&T shall reflect that name change from “MCImetro Access Transmission Services LLC” or “MCImetro Access Transmission Services, L.L.C.” to “MCImetro Access Transmission Services Corp.” in the states of Alabama, California, Florida, Georgia, Indiana, Kansas, Louisiana, Missouri, Mississippi, Nevada, North Carolina, Oklahoma, South Carolina, Texas and Wisconsin and to “MCImetro Access Transmission Services Corp. d/b/a Verizon Access Transmission Services” in the states of Arkansas, Illinois, Kentucky, Michigan, Ohio and Tennessee only for the main billing account (header card) for each of the accounts previously billed to MCImetro Access Transmission Services LLC or MCImetro Access Transmission Services, L.L.C. 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, MCImetro affirms, represents, and warrants that the ACNA and OCN for those accounts shall not change from that previously used by MCImetro Access Transmission Services LLC or MCImetro Access Transmission Services, L.L.C. 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, MCImetro shall operate with AT&T under the “MCImetro Access Transmission Services Corp.” name in the states of Alabama, California, Florida, Georgia, Indiana, Kansas, Louisiana, Missouri, Mississippi, Nevada, North Carolina, Oklahoma, South Carolina, Texas and Wisconsin and under the “MCImetro Access Transmission Services Corp. d/b/a Verizon Access Transmission Services” name in the states of Arkansas, Illinois, Kentucky, Michigan, Ohio and Tennessee for those accounts. Such operation shall include, by way of example only, submitting orders under MCImetro, and labeling (including re-labeling) equipment and facilities with MCImetro. Any change in MCImetro’s name including a change in the “d/b/a”, or due to assignment or transfer of this Agreement wherein only MCImetro’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, MCImetro 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. MCImetro must submit the appropriate service request to AT&T to update MCImetro’s name on all applicable billing accounts (BANs), and MCImetro is responsible for all applicable processing/administration and nonrecurring charges for each service request. Should MCImetro desire to change its name on individual circuits and/or End User records, MCImetro must submit the appropriate service request(s) to AT&T to update MCImetro’s name on individual circuits and/or End User records, and MCImetro 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, Section 19. In California, Illinois, Indiana and Wisconsin and Section 47. In Nevada) 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, 9 th 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, Nevada, 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 Legal Name	Contract Type	Approval Date
Southwestern Bell Telephone Company d/b/a AT&T ARKANSAS	MCImetro Access Transmission Services LLC	Interconnection	3/27/06
Bellsouth Telecommunications, LLC d/b/a AT&T ALABAMA	MCImetro Access Transmission Services, L.L.C.	Interconnection	11/08/06
Bellsouth Telecommunications, LLC d/b/a AT&T FLORIDA	MCImetro Access Transmission Services, L.L.C.	Interconnection	1/31/07
Bellsouth Telecommunications, LLC d/b/a AT&T GEORGIA	MCImetro Access Transmission Services, L.L.C.	Interconnection	12/12/06
Bellsouth Telecommunications, LLC d/b/a AT&T KENTUCKY	MCImetro Access Transmission Services, L.L.C.	Interconnection	11/20/06
Bellsouth Telecommunications, LLC d/b/a AT&T LOUISIANA	MCImetro Access Transmission Services, L.L.C.	Interconnection	2/3/07
Bellsouth Telecommunications, LLC d/b/a AT&T MISSISSIPPI	MCImetro Access Transmission Services, L.L.C.	Interconnection	12/6/06
Bellsouth Telecommunications, LLC d/b/a AT&T NORTH CAROLINA	MCImetro Access Transmission Services, L.L.C.	Interconnection	11/1/06
Bellsouth Telecommunications, LLC d/b/a AT&T SOUTH CAROLINA	MCImetro Access Transmission Services, L.L.C.	Interconnection	2/13/07
Bellsouth Telecommunications, LLC d/b/a AT&T TENNESSEE	MCImetro Access Transmission Services, L.L.C.	Interconnection	1/8/07
AT&T ILEC (“AT&T”)	CARRIER Legal Name	Contract Type	Approval Date

Southwestern Bell Telephone Company d/b/a AT&T KANSAS	MCImetro Access Transmission Services LLC	Interconnection	10/26/05
Southwestern Bell Telephone Company d/b/a AT&T MISSOURI	MCImetro Access Transmission Services LLC	Interconnection	10/20/10
Southwestern Bell Telephone Company d/b/a AT&T OKLAHOMA	MCImetro Access Transmission Services LLC	Interconnection	2/22/07
Southwestern Bell Telephone Company d/b/a AT&T TEXAS	MCImetro Access Transmission Services LLC	Interconnection	8/29/05
Illinois Bell Telephone Company d/b/a AT&T ILLINOIS	MCImetro Access Transmission Services LLC	Interconnection	11/4/10
Indiana Bell Telephone Company Incorporated d/b/a AT&T INDIANA	MCImetro Access Transmission Services LLC	Interconnection	3/11/06
Michigan Bell Telephone Company d/b/a AT&T MICHIGAN	MCImetro Access Transmission Services LLC	Interconnection	12/18/03
The Ohio Bell Telephone Company d/b/a AT&T OHIO	MCImetro Access Transmission Services LLC	Interconnection	2/13/03
Wisconsin Bell, Inc. d/b/a AT&T WISCONSIN	MCImetro Access Transmission Services LLC	Interconnection	7/18/07
Pacific Bell Telephone Company d/b/a AT&T CALIFORNIA	MCImetro Access Transmission Services LLC	Interconnection	9/1/06
Nevada Bell Telephone Company d/b/a AT&T NEVADA and AT&T Wholesale	MCImetro Access Transmission Services LLC	Interconnection	2/24/03

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.

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.

PRICING SHEETS
EXHIBIT C

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

PRICING SHEETS
EXHIBIT C

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

PRICING SHEETS
EXHIBIT C

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

PRICING SHEETS
EXHIBIT C

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

PRICING SHEETS
EXHIBIT C

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

PRICING SHEETS
EXHIBIT C

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

PRICING SHEETS
EXHIBIT C

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

PRICING SHEETS
EXHIBIT C

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

PRICING SHEETS
EXHIBIT C

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

PRICING SHEETS
EXHIBIT C

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

PRICING SHEETS
EXHIBIT C

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

PRICING SHEETS
EXHIBIT C

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

PRICING SHEETS
EXHIBIT C

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 See Tariffs and / or Service Guidebook
6	LA	DIRECTORY LISTING PRODUCT	Non Published /Non List / Additional Directory Listings							
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

PRICING SHEETS
EXHIBIT C

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

PRICING SHEETS
EXHIBIT C

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

PRICING SHEETS
EXHIBIT C

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

PRICING SHEETS
EXHIBIT C

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

PRICING SHEETS
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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

PRICING SHEETS
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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	NV	LOCAL INTERCONNECTION (CALL TRANSPORT AND TERMINATION)	Rate for All Traffic ISP-Bound and 251(b)(5) Traffic as per FCC 01-131		GOC00		\$0.00			MOU
6	NV	DIRECTORY ASSISTANCE	Directory Assistance, per call				\$0.40	NA		per call
6	NV	DIRECTORY ASSISTANCE	National Directory Assistance (NDA), per call				\$0.65	NA		per call
6	NV	DIRECTORY ASSISTANCE	Reverse Directory Assistance (RDA), per call				\$0.65	NA		per call
6	NV	DIRECTORY ASSISTANCE	Business Category Search (BCS), per call				\$0.65	NA		per call
6	NV	DIRECTORY ASSISTANCE	Express Call Completion / Directory Assistance Call Completion, per call				0.15	NA		per call
6	NV	DIRECTORY ASSISTANCE LISTINGS	Directory Assistance Listing Services - Lata-Wide Call Completion - Rate per MOU for each completed ECCS call				\$ 0.0120	NA		per call
6	NV	BRANDING - DIRECTORY ASSISTANCE	Branding - Other - Initial/Subsequent Load, per switch, per OCN	OPS++	BRAND		NA	\$ 1,800.00	\$ 1,800.00	switch, per OCN
6	NV	BRANDING - DIRECTORY ASSISTANCE	Brand and Reference/Rate Look Up, per DA call				\$0.03	NA		per call
6	NV	BRANDING - DIRECTORY ASSISTANCE	Rate Reference - Initial Load, per state, per OCN				NA	\$ 5,000.00		state, per OCN
6	NV	BRANDING - DIRECTORY ASSISTANCE	Rate Reference - Subsequent Load, per state, per OCN				NA	\$ 1,500.00		state, per OCN
6	NV	BRANDING - OPERATOR CALL PROCESSING	Branding - Other - Initial/Subsequent Load, per switch, per OCN	OPS++	BRAND		NA	\$ 1,800.00	\$ 1,800.00	switch, per OCN
6	NV	BRANDING - OPERATOR CALL PROCESSING	Rate Reference - Initial Load, per state, per OCN				NA	\$ 5,000.00		state, per OCN
6	NV	BRANDING - OPERATOR CALL PROCESSING	Rate Reference - Subsequent Load, per state, per OCN				NA	\$ 1,500.00		state, per OCN
6	NV	OPERATOR CALL PROCESSING	Fully Automated Call Processing, per call				0.15	NA		call
6	NV	OPERATOR CALL PROCESSING	Operator Assisted Call processing - All Types, per work second				\$0.03	NA		work second
6	NV	BRANDING - DIRECTORY ASSISTANCE	Brand and Reference/Rate Look Up, per OA call				\$0.03	NA		per call
6	NV	DIRECTORY LISTING PRODUCT	White Page Directory Listings				\$0.00	\$0.00	\$0.00	initial listing is no charge
6	NV	DIRECTORY LISTING PRODUCT	Non Published /Non List / Additional Directory Listings							See Tariffs and / or Service Guidebook
6	NV	OTHER RESALE - DIRECTORY ASSISTANCE/OPERATOR SERVICES	Directory Assistance Services				18.05%	N/A	N/A	Flat Rate Discount for Resale
6	NV	OTHER RESALE - DIRECTORY ASSISTANCE/OPERATOR SERVICES	Local Operator Assistance Service				18.05%	N/A	N/A	Flat Rate Discount for Resale

PRICING SHEETS
EXHIBIT C

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

PRICING SHEETS
EXHIBIT C

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

PRICING SHEETS
EXHIBIT C

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

PRICING SHEETS
EXHIBIT C

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

PRICING SHEETS
EXHIBIT C

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

PRICING SHEETS
EXHIBIT C

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

PRICING SHEETS
EXHIBIT C

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

PRICING SHEETS
EXHIBIT C

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

AT&T Wholesale Amendment

AMENDMENT

BETWEEN

ILLINOIS BELL TELEPHONE COMPANY, LLC D/B/A AT&T ILLINOIS,
MICHIGAN BELL TELEPHONE COMPANY D/B/A AT&T MICHIGAN

AND

MCIMETRO ACCESS TRANSMISSION SERVICES CORP. D/B/A
VERIZON ACCESS TRANSMISSION SERVICES; MCIMETRO ACCESS
TRANSMISSION SERVICES CORP.



Signature: eSigned - Daniel J. Higgins IISignature: eSigned - William BockelmanName: eSigned - Daniel J. Higgins II
(Print or Type)Name: eSigned - William Bockelman
(Print or Type)Title: AVP Verizon Partner Solutions
(Print or Type)Title: DIR-INTERCONNECTION AGREEMENTS
(Print or Type)Date: 14 Nov 2018Date: 15 Nov 2018

MCImetro Access Transmission Services Corp.
d/b/a Verizon Access Transmission Services;
MCImetro Access Transmission Services Corp.

Illinois Bell Telephone Company, LLC d/b/a AT&T
ILLINOIS, Michigan Bell Telephone Company d/b/a
AT&T MICHIGAN by AT&T Services, Inc., its
authorized agent

State	Resale OCN	ULEC OCN	CLEC OCN
ILLINOIS	7108,7287	7229	2655,7149,7228,7229
MICHIGAN	7020,7108,7289	7229	2649,7227,7228,7229

Description	ACNA Code(s)
ACNA(s)	WUA,AKJ,ICF,MFZ,BFC

**AMENDMENT TO THE AGREEMENT
BETWEEN
MCIMETRO ACCESS TRANSMISSION SERVICES CORP. D/B/A VERIZON ACCESS TRANSMISSION
SERVICES; MCIMETRO ACCESS TRANSMISSION SERVICES CORP.
AND
ILLINOIS BELL TELEPHONE COMPANY, LLC D/B/A AT&T ILLINOIS,
MICHIGAN BELL TELEPHONE COMPANY D/B/A AT&T MICHIGAN**

This Amendment (the "Amendment") amends the Interconnection Agreement under Sections 251 and 252 of the Telecommunications Act of 1996 amends the Agreement(s) by and between AT&T and CLEC as shown in the attached Exhibit A. AT&T and CLEC are hereinafter referred to collectively as the "Parties" and individually as a "Party".

WHEREAS, AT&T and CLEC are Parties to the Agreement(s) as shown in the attached Exhibit A; and

WHEREAS, the Parties desire to modify prospectively certain rates and terms related to Emergency Number Service Access; and

NOW, THEREFORE, in consideration of the promises and mutual agreements set forth herein, the Parties agree to amend the Agreement as follows:

1. For the state of Illinois;
The Emergency Number Service Access (E911) rates in Exhibit A of the Agreement for ANI/ALI/SR and Database Management are modified as follows: (a) the monthly recurring rate per 100 records, rounded up to the nearest 100 is \$3.82; and (b) the non-recurring rate is \$517.97. These rate changes are reflected on Exhibit B attached to this Amendment.
2. For the state of Michigan;
The Emergency Number Service Access (E911) rates in Exhibit A of the Agreement for ANI/ALI/SR and Database Management are modified as follows: (a) the monthly recurring rate per 100 records, rounded up to the nearest 100 is \$3.70; and (b) the non-recurring rate is \$490.65. These rate changes are reflected on Exhibit B attached to this Amendment.
3. CLEC shall order the appropriate number of trunks based on the following table at the rates set forth in the Appendix. The number of trunks required is based on the number of Access Lines provided by CLEC in each 911 default routing area as specified in the Trunk Group Design Guide on CLEC On-line.

Access Lines	Trunks Required
01 - 1,500	2 Trunks
1,501 - 7,500	3 Trunks
7,501 - 18,500	4 Trunks
18,501 - 33,500	5 Trunks
>33,500	To be separately negotiated

AT&T shall provide E911 Service selected by Requesting Carrier in the Exchange Area(s) that meet both of the following conditions: (1) Requesting Carrier is authorized to provide local exchange Telecommunications Services in such Exchange Area(s), and (2) AT&T is the 911 service provider in such Exchange Area(s).

4. Conflict between this Amendment and the Agreement. 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 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 paragraph.
5. EXCEPT AS MODIFIED HEREIN, ALL OTHER TERMS AND CONDITIONS OF THE UNDERLYING AGREEMENT SHALL REMAIN UNCHANGED AND IN FULL FORCE AND EFFECT.

6. In entering into this Amendment, the Parties are setting forth their agreement to address the matters set forth herein for purposes of this Amendment only, the terms of which are enforceable by both Parties. Subject to the foregoing, neither Party waives, and each Party expressly reserves, any rights, remedies or arguments it may have at law or in equity, including without limitation the right to advocate before all relevant forums any position with regard to the appropriate charges for Emergency Number Service Access applicable prior to the date upon which this Amendment becomes effective. The terms of this Amendment shall not be deemed or considered: 1) to have any probative value as to the substance of either Party's rights or advocacy positions; 2) to constitute the acquiescence by either Party other than for purposes of enforcing this Amendment; 3) to constitute a waiver of any right or advocacy position of either Party, whether policy, legal, equitable or otherwise nor 4) to have any effect on the Agreement prior to the effective date of this Amendment.
7. This Amendment shall not modify or extend the Effective Date or Term of the underlying Agreement, but rather, shall be coterminous with such Agreement
8. 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 counterpart shall together constitute one and the same instrument.
9. For Illinois and Michigan: 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.

Exhibit A

AT&T ILEC ("AT&T")	CARRIER Legal Name	Contract Type	Approval Date
Illinois Bell Telephone Company, LLC d/b/a AT&T ILLINOIS (Previously referred to as Illinois Bell Telephone Company d/b/a AT&T ILLINOIS)	MCImetro Access Transmission Services Corp. d/b/a Verizon Access Transmission Services	Interconnection	November 4, 2010
Michigan Bell Telephone Company d/b/a AT&T MICHIGAN	MCImetro Access Transmission Services Corp.	Interconnection	December 18, 2003

PRICING SHEETS

Exhibit B

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
5	IL	EMERGENCY NUMBER SERVICES	Emergency Number Service Access - ANI/ALI/SR and Database Management	OE9XX	9S89X			\$ 517.97		
5	IL	EMERGENCY NUMBER SERVICES	Emergency Number Service Access - ANI/ALI/SR and Database Management - Per 100 Records or part thereof	OE9XX	9S89X		\$ 3.82			100 Records or part thereof

PRICING SHEETS

Exhibit B

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
5	MI	EMERGENCY NUMBER SERVICES	Emergency Number Service Access - ANI/ALI/SR and Database Management	OE9XX	9S89X			\$ 490.65		
5	MI	EMERGENCY NUMBER SERVICES	Emergency Number Service Access - ANI/ALI/SR and Database Management - Per 100 Records or part thereof	OE9XX	9S89X		\$ 3.70			100 Records or part thereof

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 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 AND AT&T WHOLESALE, 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

MCIMETRO ACCESS TRANSMISSION SERVICES CORP., MCIMETRO ACCESS TRANSMISSION SERVICES LLC, MCIMETRO ACCESS TRANSMISSION SERVICES LLC D/B/A VERIZON ACCESS TRANSMISSION SERVICES

Signature: eSigned - Daniel Higgins IISignature: eSigned - Kristen E. ShoreName: eSigned - Daniel Higgins II
(Print or Type)Name: eSigned - Kristen E. Shore
(Print or Type)Title: AVP
(Print or Type)Title: AVP- Regulatory
(Print or Type)Date: 12 Dec 2022Date: 12 Dec 2022

**MCImetro Access Transmission Services LLC, Corp.,
MCImetro Access Transmission Services LLC,
MCImetro Access Transmission Services LLC d/b/a
Verizon Access Transmission Services**

**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, Nevada Bell Telephone Company
d/b/a AT&T NEVADA and AT&T Wholesale, 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**

**AMENDMENT TO THE AGREEMENT
BETWEEN
MCIMETRO ACCESS TRANSMISSION SERVICES, CORP., MCIMETRO ACCESS TRANSMISSION
SERVICES LLC, MCIMETRO ACCESS TRANSMISSION SERVICES LLC D/B/A VERIZON ACCESS
TRANSMISSION SERVICES
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, LLC
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 AND AT&T WHOLESALE, 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**

This Amendment (the “Amendment”) amends the Agreement(s) by and between AT&T and CLEC as shown in the attached Exhibit B. AT&T and CLEC are hereinafter referred to collectively as the “Parties” and individually as a “Party”.

WHEREAS, AT&T and CLEC are Parties to the Agreement(s) as shown in the attached Exhibit B; and as subsequently amended (the “Agreement”); and

WHEREAS, MCImetro Access Transmission Services Corp. has changed its form of organization from a Corporation to a Limited Liability Company and wishes to reflect that change as set forth herein; and

WHEREAS, the Parties desire to amend the Agreement to implement the FCC Orders FCC-19-66 and FCC-19-72 in WC Dkt. No. 18-141; Petition of USTelecom for Forbearance Pursuant to 47 U.S.C. § 160(c) to Accelerate Investment in Broadband and Next-Generation Networks which was filed with the FCC on May 4, 2018 (FCC Order 19-72, the “FCC UNE and Resale Forbearance Order”); and

WHEREAS, the Parties desire to amend the Agreement to implement the FCC Order FCC-20-152 in WC Dkt. No. 19-308; Modernizing Unbundling and Resale Requirements in an Era of Next-Generation Networks and Services which became effective on February 8, 2021 (“FCC UNE Relief Order”); and

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 and the terms and conditions contained herein, all of which are hereby incorporated by this reference and constitute a part of this Amendment.
2. As of February 2, 2020, except for resale services that are grandfathered pursuant to subsection 2.a below, CLEC’s purchase of retail services for resale under the Agreement shall be deemed to be purchased for resale pursuant to Section 251(b)(1) of the Act, and the wholesale discount previously available under Section 251(c)(4) of the Act as of February 2, 2020 (“Wholesale Discount”), shall no longer be mandatory. Any changes to the discount will be made with 180 days notice, and in any case shall not result in CLEC being charged more than the amount permitted under Section 251(b)(1) of the Act and, for the Resale Embedded Base, shall take effect no earlier than the date specified in Section 2.a below.
 - a. Resale services ordered on or before February 1, 2020 (“Resale Embedded Base”) are grandfathered at the Wholesale Discount until August 2, 2022, after which 180 days notice will be provided before a change can be made (which change in any case shall not result in CLEC being charged more than the amount permitted under Section 251(b)(1) of the Act) and available only:

- i. to the same End User; and
 - ii. at that same End User's existing location;
 - iii. both as of February 2, 2020.
- 3. Intentionally Left Blank.
- 4. As of February 2, 2020, CLEC may no longer order 2-Wire Analog UNE Loops or 4-Wire Analog UNE Loops ("Analog Loops") pursuant to this Agreement. Any existing Analog Loops ordered on or before February 1, 2020 ("Analog Loop Embedded Base") are grandfathered until August 2, 2022. CLEC shall convert the Analog Loop Embedded Base to a commercial offering, or other comparable service, or disconnect such Analog Loop on, or before, August 1, 2022. Exhibit A to this Amendment contains Analog Loop element descriptions and USOCs that are subject to the FCC UNE and Resale Forbearance Order, however this Agreement may also contain additional and/or older element descriptions and USOCs that are also Analog Loops subject to the FCC UNE and Resale Forbearance Order. Also, to the extent Exhibit A contains UNE descriptions or USOCs that are not affected by the FCC UNE and Resale Forbearance Order, such UNEs and USOCs are listed solely for the convenience of the Parties and this Section 4 shall not alter the Parties' rights and obligations with respect to such UNEs and USOCs.
 - a. To the extent CLEC fails to adhere to the above AT&T, at AT&T's sole discretion, may take one or more of the following actions for any remaining Analog Loops and CLEC will be responsible for all recurring and non-recurring charges:
 - i. convert to an analogous arrangement available under a separate commercial agreement executed by the Parties, or
 - ii. convert to AT&T tariff or guidebook services (in which case month-to-month rates, terms and conditions shall apply), or
 - iii. reprice by application of a new rate (or by application of a surcharge to an existing rate) that applies under (i) or (ii) above, or
 - iv. disconnect.
 - b. AT&T reserves the right, subject to any backbilling limitation period set forth in the Agreement, to backbill CLEC for the difference between an Analog Loop rate and the non-UNE rate that applies under this Section 4 for any new Analog Loops inadvertently ordered on or after February 2, 2020, and any Analog Loop Embedded Base remaining as of August 1, 2022.
 - c. AT&T's election to reprice the Analog Loop shall not preclude AT&T from later converting the Analog Loop to an analogous arrangement available under a separate commercial agreement or an AT&T tariff or guidebook service.
- 5. As of January 12, 2020, CLEC may no longer order DS1/DS3 Unbundled Dedicated Transport ("DS1/DS3 UDT"), whether stand-alone or part of a combination (e.g., Enhanced Extended Link), pursuant to this Agreement between Tier 1 wire centers and/or wire centers subject to UDT forbearance under Public Notice DA 19-733, dated August 1, 2019. Any such existing DS1/DS3 UDT ordered on or before January 11, 2020, is grandfathered until July 12, 2022 ("UDT Embedded Base").
 - i. CLEC must disconnect or convert any grandfathered DS1/DS3 UDT to another product/service offering on or before July 12, 2022, pursuant to the Conversion of 251(c)(3) UNE/UNE Combinations to Wholesale Services provisions of this Agreement or other similar provision.
 - ii. If CLEC fails to convert grandfathered DS1/DS3 UDT before July 12, 2022, at AT&T's sole discretion, AT&T may convert any, or all, of the remaining DS1/DS3 UDT to the equivalent Special Access service at month-to-month rates, terms and conditions. CLEC shall be responsible for all associated recurring and non-recurring charges.
 - iii. AT&T reserves the right, to backbill CLEC for the difference between a DS1/DS3 UDT rate and the non-UNE rate that applies under this Section 5 for any new circuits inadvertently ordered on or after January 12, 2020 and any UDT Embedded Base remaining as of July 12, 2022. , AT&T may back bill CLEC for the 12 months prior to the month in which it provides notice to CLEC that it identified a non-compliant circuit and for any additional months the circuit remains non-compliant until AT&T and or CLEC correct the non-compliance.

- iv. If the FCC determines that additional wire centers are subject to forbearance, CLEC shall cease ordering DS1/DS3 UDT as of the date specified by the FCC and adhere to any FCC-specified transition timelines.
6. As of February 8, 2023, CLEC may no longer order new 2-Wire Digital UNE Loops (“Digital Loops”) pursuant to this Agreement in Wire Centers where at least 50% of the census blocks served are designated as urbanized areas by the United States Census Bureau. Any existing Digital Loops ordered on or before February 8, 2023 (“Digital Loop Embedded Base”) are grandfathered until February 8, 2025. CLEC shall convert the Digital Loop Embedded Base to a commercial offering, or an alternate arrangement, or disconnect such Digital Loop on or before February 8, 2025. Exhibit A to this Amendment contains Digital Loop element descriptions and USOCs that are subject to the FCC UNE Relief Order; however, this Agreement may also contain additional and/or older element descriptions and USOCs that are also Digital Loops subject to the FCC UNE Relief Order. Also, to the extent Exhibit A contains UNE descriptions or USOCs that are not affected by the FCC UNE Relief Order, such UNEs and USOCs are listed solely for the convenience of the Parties and this Section 6 shall not alter the Parties’ rights and obligations with respect to such UNEs and USOCs.
- a. To the extent CLEC fails to adhere to the above, at AT&T’s sole discretion, AT&T may take one or more of the following actions for any remaining Digital Loops and CLEC will be responsible for all recurring and non-recurring charges:
 - i. convert to a digital arrangement available under a separate commercial agreement executed by the Parties, or
 - ii. convert to AT&T tariff or guidebook services (in which case month-to-month rates, terms and conditions shall apply), or
 - iii. reprice by application of a new rate (or by application of a surcharge to an existing rate) that applies under (i) or (ii) above, or
 - iv. disconnect.
 - b. AT&T reserves the right, to backbill CLEC for the difference between the Digital Loop rate and the non-UNE rate that applies under this Section 6 for any new noncompliant Digital Loops inadvertently ordered on or after February 8, 2023, and any Digital Loop Embedded Base remaining as of February 8, 2025. For any new noncompliant Digital Loops inadvertently ordered on or after February 8, 2023, AT&T may back bill CLEC for the 12 months prior to the month in which it provides notice to CLEC that it identified a non-compliant circuit and for any additional months the circuit remains non-compliant until AT&T and or CLEC correct the non-compliance.
 - c. AT&T’s election to reprice the Digital Loop shall not preclude AT&T from later converting the Digital Loop to a Digital arrangement available under a separate commercial agreement or an AT&T tariff or guidebook service.
 - d. AT&T reserves the right to raise its rates by up to 25% for the period from February 08, 2024 through February 7, 2025 by providing at least thirty (30) days’ advance written notice of any such increase. and may elect to increase rates to market rates after February 08, 2025, when the grandfathering period expires. AT&T shall provide Notice to CLEC of how the Parties will implement the subsequent rate changes.
7. As of February 8, 2023, CLEC may no longer order new DS1 UNE Loops (“DS1 Loops”) pursuant to this Agreement in Wire Centers in counties deemed by the FCC to be competitive in the BDS proceeding as listed in the AT&T Guidebook in accordance with the FCC’s determinations, which may change from time to time. Any existing DS1 Loops ordered on or before February 8, 2023 (“DS1 Loop Embedded Base”) are grandfathered until August 8, 2024. CLEC shall convert the DS1 Loop Embedded Base to an alternate arrangement, or disconnect such DS1 Loop on or before August 8, 2024. Exhibit A to this Amendment contains DS1 Loop element descriptions and USOCs that are subject to the FCC UNE Relief Order; however, this Agreement may also contain additional and/or older element descriptions and USOCs that are also DS1 Loops subject to the FCC UNE Relief Order. Also, to the extent Exhibit A contains UNE descriptions or USOCs that are not affected by the FCC UNE Relief Order, such UNEs and USOCs are listed solely for the convenience of the Parties and this Section 7 shall not alter the Parties’ rights and obligations with respect to such UNEs and USOCs.
- a. To the extent CLEC fails to adhere to the above, AT&T, at AT&T’s sole discretion, may take one or more of the following actions for any remaining DS1 Loops and CLEC will be responsible for all recurring and non-recurring charges:
 - i. convert to AT&T tariff or guidebook services (in which case month-to-month rates, terms and conditions shall apply), or

- ii. reprice by application of a new rate (or by application of a surcharge to an existing rate) that applies under (i) above, or
 - iii. disconnect.
 - b. AT&T reserves the right to backbill CLEC for the difference between the DS1 Loop rate and the non-UNE rate that applies under this Section 7 for any new noncompliant DS1 Loops inadvertently ordered on or after February 8, 2023, and any DS1 Loop Embedded Base remaining as of August 8, 2024. For any new noncompliant DS1 Loops inadvertently ordered on or after February 8, 2023, AT&T may back bill CLEC for the 12 months prior to the month in which it provides notice to CLEC that it identified a non-compliant circuit and for any additional months the circuit remains non-compliant until AT&T and or CLEC correct the non-compliance.
 - c. AT&T's election to reprice the DS1 Loop shall not preclude AT&T from later converting the DS1 Loop to a DS1 arrangement available under a separate AT&T tariff or guidebook service.
8. As of February 8, 2021, CLEC may no longer order new DS3 UNE Loops ("DS3 Loops") pursuant to this Agreement in Wire Centers in counties deemed by the FCC to be competitive in the BDS proceeding as listed in the AT&T Guidebook in accordance with the FCC's determinations, which may change from time to time.. Any existing DS3 Loops described in the preceding sentence that CLEC ordered on or before February 8, 2021 ("DS3 Loop Embedded Base") are grandfathered until February 8, 2024. CLEC shall convert the DS3 Loop Embedded Base to an alternate arrangement, or disconnect such DS3 Loop on or before February 8, 2024. Exhibit A to this Amendment contains DS3 Loop element descriptions and USOCs that are subject to the FCC UNE Relief Order, however this Agreement may also contain additional and/or older element descriptions and USOCs that are also DS3 Loops subject to the FCC UNE Relief Order. Also, to the extent Exhibit A contains UNE descriptions or USOCs that are not affected by the FCC UNE Relief Order, such UNEs and USOCs are listed solely for the convenience of the Parties and this Section 8 shall not alter the Parties' rights and obligations with respect to such UNEs and USOCs.
- a. To the extent CLEC fails to adhere to the above, at AT&T's sole discretion, AT&T may take one or more of the following actions for any remaining DS3 Loops and CLEC will be responsible for all recurring and non-recurring charges:
 - i. convert to AT&T tariff or guidebook services (in which case month-to-month rates, terms and conditions shall apply), or
 - ii. reprice by application of a new rate (or by application of a surcharge to an existing rate) that applies under (i) above, or
 - iii. disconnect.
 - b. AT&T reserves the right, to backbill CLEC for the difference between the DS3 Loop rate and the non-UNE rate that applies under this Section 8 for any new noncompliant DS3 Loops inadvertently ordered on or after February 8, 2021, and any DS3 Loop Embedded Base remaining as of February 8, 2024. For any new noncompliant DS3 Loops inadvertently ordered on or after February 8, 2021, AT&T may back bill CLEC for the 12 months prior to the month in which it provides notice to CLEC that it identified a non-compliant circuit and for any additional months the circuit remains non-compliant until AT&T and or CLEC correct the non-compliance.
 - c. AT&T's election to reprice the DS3 Loop shall not preclude AT&T from later converting the DS3 Loop to a DS3 arrangement available under a separate AT&T tariff or guidebook service.
9. As of February 8, 2021, CLEC may no longer order new UNE Dark Fiber Transport ("DFT") pursuant to this Agreement where the dark fiber transport is connected, at both ends of the transport route, to a Tier 3 wire center located within ½ mile of competitive fiber as described in the FCC UNE Relief Order and designated by the FCC. Any existing UNE Dark Fiber Transport facility described in the preceding sentence that CLEC ordered before February 8, 2021 ("Dark Fiber Transport Embedded Base") is grandfathered until February 8, 2029. CLEC shall convert the UNE Dark Fiber Transport Embedded Base to an alternate arrangement, or disconnect such UNE Dark Fiber Transport on or before February 8, 2029. Exhibit A to this Amendment contains UNE Dark Fiber Transport element descriptions and USOCs that are subject to the FCC UNE Relief Order; however, this Agreement may also contain additional and/or older element descriptions and USOCs that are also UNE Dark Fiber Transport subject to the FCC UNE Relief Order. Also, to the extent Exhibit A contains UNE descriptions or USOCs that are not affected by the FCC UNE Relief Order, such UNEs and USOCs are listed solely for the convenience of the Parties and this Section 9 shall not alter the Parties' rights and obligations with respect to such UNEs and USOCs. If the FCC determines that additional wire centers are subject to forbearance, CLEC shall cease

ordering DFT as of the date specified by the FCC and adhere to any FCC-specified transition timelines.

- a. To the extent CLEC fails to adhere to the above, AT&T, at AT&T's sole discretion, may take one or more of the following actions for any remaining UNE Dark Fiber Transport and CLEC will be responsible for all recurring and non-recurring charges:
 - i. convert to AT&T tariff or guidebook services (in which case month-to-month rates, terms and conditions shall apply), or
 - ii. reprice by application of a new rate (or by application of a surcharge to an existing rate) that applies under (i) above, or
 - iii. disconnect.
 - b. AT&T reserves the right, subject to any backbilling limitation period set forth in the Agreement, to backbill CLEC for the difference between an UNE Dark Fiber Transport rate and the non-UNE rate that applies under this Section 9 for any new UNE Dark Fiber Transport inadvertently ordered on or after February 8, 2021, and any UNE Dark Fiber Transport Embedded Base remaining as of February 8, 2029.
 - c. AT&T's election to reprice the UNE Dark Fiber Transport shall not preclude AT&T from later converting the UNE Dark Fiber Transport to a DFT arrangement available under a separate AT&T tariff or guidebook service.
10. As of February 8, 2021, CLEC may no longer order new UNE Subloops or UNE Network Interface Devices (NIDs) pursuant to this Agreement.
 11. As of February 8, 2021, CLEC may no longer covert existing Special Access circuits (as defined, ordered, and provisioned in AT&T ILEC's interstate and/or intrastate tariffs) to UNEs.
 12. To facilitate mutual planning by the Parties, CLEC shall endeavor to provide a non-binding forecast of the total number of Unbundled Loops in its embedded customer base that it plans to migrate to an alternate product or service. CLEC shall work with AT&T to establish mutually agreed to daily order volume parameters and make a reasonable effort to affect a timely and orderly migration by the end of the transition period.
 13. Any future forbearance from or rule changes for Section 251(c)(3) UNEs offered pursuant to this Agreement shall be incorporated by reference as of the effective date of the FCC order and shall not require a written amendment. AT&T shall provide Notice to CLEC of how the Parties will implement the subsequent UNE forbearance or rule change in accordance with the applicable FCC order. Notice will include applicable transition periods and any changes to rate(s), term(s) and/or condition(s) to the underlying Agreement.
 14. The Agreement is hereby amended to reflect the organizational change as shown in Exhibit B.
 15. 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.
 16. 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.
 17. This Amendment shall not modify or extend the Effective Date or Term of the underlying Agreement, but rather, shall be coterminous with such Agreement.
 18. EXCEPT AS MODIFIED HEREIN, ALL OTHER TERMS AND CONDITIONS OF THE UNDERLYING AGREEMENT SHALL REMAIN UNCHANGED AND IN FULL FORCE AND EFFECT.

19. 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.

Exhibit B

AT&T ILEC (“AT&T”)	CARRIER Old Legal Name	CARRIER New Legal Name	Contract Type	Approval Date
Bellsouth Telecommunications, LLC d/b/a AT&T ALABAMA	MCImetro Access Transmission Services Corp.	MCImetro Access Transmission Services LLC	Interconnection	November 8, 2006
Southwestern Bell Telephone Company d/b/a AT&T ARKANSAS	MCImetro Access Transmission Services Corp.	MCImetro Access Transmission Services LLC	Interconnection	March 27, 2006
Pacific Bell Telephone Company d/b/a AT&T CALIFORNIA	MCImetro Access Transmission Services Corp. d/b/a Verizon Access Transmission Services	MCImetro Access Transmission Services LLC d/b/a Verizon Access Transmission Services	Interconnection	September 1, 2006
Bellsouth Telecommunications, LLC d/b/a AT&T FLORIDA	MCImetro Access Transmission Services Corp. d/b/a Verizon Access Transmission Services	MCImetro Access Transmission Services LLC d/b/a Verizon Access Transmission Services	Interconnection	January 31, 2007
Bellsouth Telecommunications, LLC d/b/a AT&T GEORGIA	MCImetro Access Transmission Services Corp. d/b/a Verizon Access Transmission Services	MCImetro Access Transmission Services LLC d/b/a Verizon Access Transmission Services	Interconnection	December 12, 2006
Illinois Bell Telephone Company d/b/a AT&T ILLINOIS	MCImetro Access Transmission Services Corp. d/b/a Verizon	MCImetro Access Transmission Services LLC d/b/a Verizon Access Transmission Services	Interconnection	November 14, 2010

AT&T ILEC ("AT&T")	CARRIER Old Legal Name	CARRIER New Legal Name	Contract Type	Approval Date
	Access Transmission Services			
Indiana Bell Telephone Company Incorporated d/b/a AT&T INDIANA	MCImetro Access Transmission Services Corp. d/b/a Verizon Access Transmission Services	MCImetro Access Transmission Services LLC d/b/a Verizon Access Transmission Services	Interconnection	March 11, 2006
Southwestern Bell Telephone Company d/b/a AT&T KANSAS	MCImetro Access Transmission Services Corp. d/b/a Verizon Access Transmission Services	MCImetro Access Transmission Services LLC d/b/a Verizon Access Transmission Services	Interconnection	October 26, 2005
Bellsouth Telecommunications, LLC d/b/a AT&T KENTUCKY	MCImetro Access Transmission Services Corp. d/b/a Verizon Access Transmission Services	MCImetro Access Transmission Services LLC d/b/a Verizon Access Transmission Services	Interconnection	November 20, 2006
Bellsouth Telecommunications, LLC d/b/a AT&T LOUISIANA	MCImetro Access Transmission Services Corp. d/b/a Verizon Access Transmission Services	MCImetro Access Transmission Services LLC d/b/a Verizon Access Transmission Services	Interconnection	November 5, 2006
Michigan Bell Telephone Company d/b/a AT&T MICHIGAN	MCImetro Access Transmission Services Corp. d/b/a Verizon Access Transmission Services	MCImetro Access Transmission Services LLC d/b/a Verizon Access Transmission Services	Interconnection	December 18, 2003

AT&T ILEC ("AT&T")	CARRIER Old Legal Name	CARRIER New Legal Name	Contract Type	Approval Date
Bellsouth Telecommunications, LLC d/b/a AT&T MISSISSIPPI	MCImetro Access Transmission Services Corp. d/b/a Verizon Access Transmission Services	MCImetro Access Transmission Services LLC d/b/a Verizon Access Transmission Services	Interconnection	December 6, 2006
Southwestern Bell Telephone Company d/b/a AT&T MISSOURI	MCImetro Access Transmission Services Corp.	MCImetro Access Transmission Services Corp.	Interconnection	October 20, 2010
Nevada Bell Telephone Company d/b/a AT&T NEVADA and AT&T Wholesale	MCImetro Access Transmission Services Corp.	MCImetro Access Transmission Services LLC	Interconnection	February 24, 2003
Bellsouth Telecommunications, LLC d/b/a AT&T NORTH CAROLINA	MCImetro Access Transmission Services Corp.	MCImetro Access Transmission Services LLC	Interconnection	November 1, 2006
The Ohio Bell Telephone Company d/b/a AT&T OHIO	MCImetro Access Transmission Services Corp.	MCImetro Access Transmission Services LLC	Interconnection	February 13, 2003
Southwestern Bell Telephone Company d/b/a AT&T OKLAHOMA	MCImetro Access Transmission Services Corp. d/b/a Verizon Access Transmission Services	MCImetro Access Transmission Services LLC d/b/a Verizon Access Transmission Services	Interconnection	February 22, 2007
Bellsouth Telecommunications, LLC d/b/a AT&T SOUTH CAROLINA	MCImetro Access Transmission Services Corp. d/b/a Verizon Access Transmission Services	MCImetro Access Transmission Services LLC d/b/a Verizon Access Transmission Services	Interconnection	February 13, 2007

AT&T ILEC ("AT&T")	CARRIER Old Legal Name	CARRIER New Legal Name	Contract Type	Approval Date
Bellsouth Telecommunications, LLC d/b/a AT&T TENNESSEE	MCImetro Access Transmission Services Corp.	MCImetro Access Transmission Services LLC	Interconnection	January 8, 2007
Southwestern Bell Telephone Company d/b/a AT&T TEXAS	MCImetro Access Transmission Services Corp.	MCImetro Access Transmission Services LLC	Interconnection	August 29, 2005
Wisconsin Bell, Inc. d/b/a AT&T WISCONSIN	MCImetro Access Transmission Services Corp. d/b/a Verizon Access Transmission Services	MCImetro Access Transmission Services LLC d/b/a Verizon Access Transmission Services	Interconnection	July 18, 2007

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	AL	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1-Zone 1	UEANL	UEAL2	1
13	AL	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1-Zone 1 [DISCONNECT]	UEANL	UEAL2	1
13	AL	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1-Zone 2	UEANL	UEAL2	2
13	AL	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1-Zone 2 [DISCONNECT]	UEANL	UEAL2	2
13	AL	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1-Zone 3	UEANL	UEAL2	3
13	AL	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1-Zone 3 [DISCONNECT]	UEANL	UEAL2	3
13	AL	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1-Zone 1	UEANL	UEASL	1
13	AL	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1-Zone 1 [DISCONNECT]	UEANL	UEASL	1
13	AL	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1-Zone 2	UEANL	UEASL	2
13	AL	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1-Zone 2 [DISCONNECT]	UEANL	UEASL	2
13	AL	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1-Zone 3	UEANL	UEASL	3
13	AL	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1-Zone 3 [DISCONNECT]	UEANL	UEASL	3
13	AL	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Manual Order Coordination for UVL-SL1s (per loop)	UEANL	UEAMC	
13	AL	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Order Coordination for Specified Conversion Time for UVL-SL1 (per LSR)	UEANL	OCOSL	
13	AL	UNBUNDLED EXCHANGE ACCESS LOOP	Bulk Migration, per 2 Wire Voice Loop-SL1	UEANL	UREPN	
13	AL	UNBUNDLED EXCHANGE ACCESS LOOP	Bulk Migration, per 2 Wire Voice Loop-SL1 [DISCONNECT]	UEANL	UREPN	
13	AL	UNBUNDLED EXCHANGE ACCESS LOOP	Bulk Migration Order Coordination, per 2 Wire Voice Loop-SL1	UEANL	UREPM	
14	AL	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Unbundled Copper Loop - Non-Designed Zone 1	UEQ	UEQ2X	1
14	AL	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Unbundled Copper Loop - Non-Designed Zone 1 [DISCONNECT]	UEQ	UEQ2X	1

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
14	AL	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop - Non-Designed - Zone 2	UEQ	UEQ2X	2
14	AL	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop - Non-Designed - Zone 2 [DISCONNECT]	UEQ	UEQ2X	2
14	AL	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop - Non-Designed - Zone 3	UEQ	UEQ2X	3
14	AL	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop - Non-Designed - Zone 3 [DISCONNECT]	UEQ	UEQ2X	3
14R-CU	AL	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop - Tag Loop at End User Premise	UEQ	URETL	
14R-CU	AL	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop - Loop Testing - Basic 1st Half Hour	UEQ	URET1	
14R-CU	AL	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop - Loop Testing - Basic Additional Half Hour	UEQ	URETA	
15	AL	UNBUNDLED EXCHANGE ACCESS LOOP	Manual Order Coordination 2 Wire Unbundled Copper Loop - Non-Designed (per loop)	UEQ	USBMC	
15	AL	UNBUNDLED EXCHANGE ACCESS LOOP	Bulk Migration, per 2 Wire UCL-ND	UEQ	UREPN	
15	AL	UNBUNDLED EXCHANGE ACCESS LOOP	Bulk Migration, per 2 Wire UCL-ND [DISCONNECT]	UEQ	UREPN	
15	AL	UNBUNDLED EXCHANGE ACCESS LOOP	Bulk Migration Order Coordination, per 2 Wire UCL-ND	UEQ	UREPM	
13	AL	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Single LSR, (per DS0)	UEA	URES�	
13	AL	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Spreadsheet (per DS0)	UEA	URESР	
15	AL	UNBUNDLED EXCHANGE ACCESS LOOP	Bulk Migration, per 2 Wire Voice Loop-SL2	UEA	UREPN	
15	AL	UNBUNDLED EXCHANGE ACCESS LOOP	Bulk Migration Order Coordination, per 2 Wire Voice Loop-SL2	UEA	UREPM	
13	AL	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Voice Grade Loop - Zone 1	UEA	UEAL4	1
13	AL	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Voice Grade Loop - Zone 1 [DISCONNECT]	UEA	UEAL4	1
13	AL	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Voice Grade Loop - Zone 2	UEA	UEAL4	2
13	AL	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Voice Grade Loop - Zone 2 [DISCONNECT]	UEA	UEAL4	2
13	AL	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Voice Grade Loop - Zone 3	UEA	UEAL4	3
13	AL	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Voice Grade Loop - Zone 3 [DISCONNECT]	UEA	UEAL4	3
13	AL	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Single LSR, (per DS0)	UEA	URES�	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	AL	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Spreadsheet, (per DS0)	UEA	URESP	
13	AL	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire ISDN Digital Grade Loop - Zone 1	UDN	U1L2X	1
13	AL	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire ISDN Digital Grade Loop - Zone 1 [DISCONNECT]	UDN	U1L2X	1
13	AL	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire ISDN Digital Grade Loop - Zone 2	UDN	U1L2X	2
13	AL	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire ISDN Digital Grade Loop - Zone 2 [DISCONNECT]	UDN	U1L2X	2
13	AL	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire ISDN Digital Grade Loop - Zone 3	UDN	U1L2X	3
13	AL	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire ISDN Digital Grade Loop - Zone 3 [DISCONNECT]	UDN	U1L2X	3
14	AL	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled ADSL Loop including manual service inquiry & facility reservation - Zone 1	UAL	UAL2X	1
14	AL	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled ADSL Loop including manual service inquiry & facility reservation - Zone 1 [DISCONNECT]	UAL	UAL2X	1
14	AL	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled ADSL Loop including manual service inquiry & facility reservation - Zone 2	UAL	UAL2X	2
14	AL	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled ADSL Loop including manual service inquiry & facility reservation - Zone 2 [DISCONNECT]	UAL	UAL2X	2
14	AL	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled ADSL Loop including manual service inquiry & facility reservation - Zone 3	UAL	UAL2X	3
14	AL	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled ADSL Loop including manual service inquiry & facility reservation - Zone 3 [DISCONNECT]	UAL	UAL2X	3
14	AL	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled ADSL Loop without manual service inquiry & facility reservaton - Zone 1	UAL	UAL2W	1
14	AL	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled ADSL Loop without manual service inquiry & facility reservaton - Zone 1 [DISCONNECT]	UAL	UAL2W	1
14	AL	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled ADSL Loop without manual service inquiry & facility reservaton - Zone 2	UAL	UAL2W	2
14	AL	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled ADSL Loop without manual service inquiry & facility reservaton - Zone 2 [DISCONNECT]	UAL	UAL2W	2
14	AL	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled ADSL Loop without manual service inquiry & facility reservaton - Zone 3	UAL	UAL2W	3
14	AL	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled ADSL Loop without manual service inquiry & facility reservaton - Zone 3 [DISCONNECT]	UAL	UAL2W	3

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
14	AL	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled HDSL Loop including manual service inquiry & facility reservation - Zone 1	UHL	UHL2X	1
14	AL	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled HDSL Loop including manual service inquiry & facility reservation - Zone 1 [DISCONNECT]	UHL	UHL2X	1
14	AL	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled HDSL Loop including manual service inquiry & facility reservation - Zone 2	UHL	UHL2X	2
14	AL	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled HDSL Loop including manual service inquiry & facility reservation - Zone 2 [DISCONNECT]	UHL	UHL2X	2
14	AL	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled HDSL Loop including manual service inquiry & facility reservation - Zone 3	UHL	UHL2X	3
14	AL	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled HDSL Loop including manual service inquiry & facility reservation - Zone 3 [DISCONNECT]	UHL	UHL2X	3
14	AL	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled HDSL Loop without manual service inquiry and facility reservation - Zone 1	UHL	UHL2W	1
14	AL	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled HDSL Loop without manual service inquiry and facility reservation - Zone 1 [DISCONNECT]	UHL	UHL2W	1
14	AL	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled HDSL Loop without manual service inquiry and facility reservation - Zone 2	UHL	UHL2W	2
14	AL	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled HDSL Loop without manual service inquiry and facility reservation - Zone 2 [DISCONNECT]	UHL	UHL2W	2
14	AL	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled HDSL Loop without manual service inquiry and facility reservation - Zone 3	UHL	UHL2W	3
14	AL	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled HDSL Loop without manual service inquiry and facility reservation - Zone 3 [DISCONNECT]	UHL	UHL2W	3
14	AL	UNBUNDLED EXCHANGE ACCESS LOOP	4 Wire Unbundled HDSL Loop including manual service inquiry and facility reservation - Zone 1	UHL	UHL4X	1
14	AL	UNBUNDLED EXCHANGE ACCESS LOOP	4 Wire Unbundled HDSL Loop including manual service inquiry and facility reservation - Zone 1 [DISCONNECT]	UHL	UHL4X	1
14	AL	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Unbundled HDSL Loop including manual service inquiry and facility reservation - Zone 2	UHL	UHL4X	2
14	AL	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Unbundled HDSL Loop including manual service inquiry and facility reservation - Zone 2 [DISCONNECT]	UHL	UHL4X	2
14	AL	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Unbundled HDSL Loop including manual service inquiry and facility reservation - Zone 3	UHL	UHL4X	3
14	AL	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Unbundled HDSL Loop including manual service inquiry and facility reservation - Zone 3 [DISCONNECT]	UHL	UHL4X	3

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
14	AL	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Unbundled HDSL Loop without manual service inquiry and facility reservation - Zone 1	UHL	UHL4W	1
14	AL	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Unbundled HDSL Loop without manual service inquiry and facility reservation - Zone 1 [DISCONNECT]	UHL	UHL4W	1
14	AL	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Unbundled HDSL Loop without manual service inquiry and facility reservation - Zone 2	UHL	UHL4W	2
14	AL	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Unbundled HDSL Loop without manual service inquiry and facility reservation - Zone 2 [DISCONNECT]	UHL	UHL4W	2
14	AL	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Unbundled HDSL Loop without manual service inquiry and facility reservation - Zone 3	UHL	UHL4W	3
14	AL	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Unbundled HDSL Loop without manual service inquiry and facility reservation - Zone 3 [DISCONNECT]	UHL	UHL4W	3
13	AL	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire DS1 Digital Loop - Zone 1	USL	USLXX	1
13	AL	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire DS1 Digital Loop - Zone 1 [DISCONNECT]	USL	USLXX	1
13	AL	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire DS1 Digital Loop - Zone 2	USL	USLXX	2
13	AL	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire DS1 Digital Loop - Zone 2 [DISCONNECT]	USL	USLXX	2
13	AL	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire DS1 Digital Loop - Zone 3	USL	USLXX	3
13	AL	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire DS1 Digital Loop - Zone 3 [DISCONNECT]	USL	USLXX	3
13	AL	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire DS1 Digital Loop - Switch-As-Is Conversion rate per UNE Loop, single LSR, (per DS1)	USL	URES	
13	AL	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire DS1 Digital Loop - Switch-As-Is Conversion rate per UNE Loop, Spreadsheet, (per DS1)	USL	URESP	
14	AL	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Unbundled Copper Loop-Designed including manual service inquiry & facility reservation - Zone 1	UCL	UCLPB	1
14	AL	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Unbundled Copper Loop-Designed including manual service inquiry & facility reservation - Zone 1 [DISCONNECT]	UCL	UCLPB	1
14	AL	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Unbundled Copper Loop-Designed including manual service inquiry & facility reservation - Zone 2	UCL	UCLPB	2
14	AL	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Unbundled Copper Loop-Designed including manual service inquiry & facility reservation - Zone 2 [DISCONNECT]	UCL	UCLPB	2
14	AL	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop-Designed including manual service inquiry & facility reservation - Zone 3	UCL	UCLPB	3
14	AL	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop-Designed including manual service inquiry & facility reservation - Zone 3 [DISCONNECT]	UCL	UCLPB	3

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
14	AL	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Unbundled Copper Loop-Designed without manual service inquiry and facility reservation - Zone 1	UCL	UCLPW	1
14	AL	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Unbundled Copper Loop-Designed without manual service inquiry and facility reservation - Zone 1 [DISCONNECT]	UCL	UCLPW	1
14	AL	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Unbundled Copper Loop-Designed without manual service inquiry and facility reservation - Zone 2	UCL	UCLPW	2
14	AL	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Unbundled Copper Loop-Designed without manual service inquiry and facility reservation - Zone 2 [DISCONNECT]	UCL	UCLPW	2
14	AL	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Unbundled Copper Loop-Designed without manual service inquiry and facility reservation - Zone 3	UCL	UCLPW	3
14	AL	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Unbundled Copper Loop-Designed without manual service inquiry and facility reservation - Zone 3 [DISCONNECT]	UCL	UCLPW	3
15	AL	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Unbundled Copper Loop - Order Coordination for Unbundled Copper Loops (per loop)	UCL	UCLMC	
14	AL	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Copper Loop-Designed including manual service inquiry and facility reservation - Zone 1	UCL	UCL4S	1
14	AL	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Copper Loop-Designed including manual service inquiry and facility reservation - Zone 1 [DISCONNECT]	UCL	UCL4S	1
14	AL	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Copper Loop-Designed including manual service inquiry and facility reservation - Zone 2	UCL	UCL4S	2
14	AL	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Copper Loop-Designed including manual service inquiry and facility reservation - Zone 2 [DISCONNECT]	UCL	UCL4S	2
14	AL	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Copper Loop-Designed including manual service inquiry and facility reservation - Zone 3	UCL	UCL4S	3
14	AL	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Copper Loop-Designed including manual service inquiry and facility reservation - Zone 3 [DISCONNECT]	UCL	UCL4S	3
14	AL	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Copper Loop-Designed without manual service inquiry and facility reservation - Zone 1	UCL	UCL4W	1
14	AL	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Copper Loop-Designed without manual service inquiry and facility reservation - Zone 1 [DISCONNECT]	UCL	UCL4W	1
14	AL	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Copper Loop-Designed without manual service inquiry and facility reservation - Zone 2	UCL	UCL4W	2
14	AL	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Copper Loop-Designed without manual service inquiry and facility reservation - Zone 2 [DISCONNECT]	UCL	UCL4W	2

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
14	AL	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Copper Loop-Designed without manual service inquiry and facility reservation - Zone 3	UCL	UCL4W	3
14	AL	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Copper Loop-Designed without manual service inquiry and facility reservation - Zone 3 [DISCONNECT]	UCL	UCL4W	3
15	AL	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Copper Loop - Order Coordination for Unbundled Copper Loops (per loop)	UCL	UCLMC	
15	AL	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Copper Loop - Order Coordination for Specified Conversion Time (per LSR)	UEA, UDN, UAL, UHL, UDL, USL	OCOSL	
13	AL	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Loop or Ground Start Signaling - Zone 1	NTCVG	UEAL2	1
13	AL	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Loop or Ground Start Signaling - Zone 1 [DISCONNECT]	NTCVG	UEAL2	1
13	AL	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Loop or Ground Start Signaling - Zone 2	NTCVG	UEAL2	2
13	AL	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Loop or Ground Start Signaling - Zone 2 [DISCONNECT]	NTCVG	UEAL2	2
13	AL	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Loop or Ground Start Signaling - Zone 3	NTCVG	UEAL2	3
13	AL	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Loop or Ground Start Signaling - Zone 3 [DISCONNECT]	NTCVG	UEAL2	3
13	AL	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Reverse Battery Signaling - Zone 1	NTCVG	UEAR2	1
13	AL	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Reverse Battery Signaling - Zone 1 [DISCONNECT]	NTCVG	UEAR2	1
13	AL	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Reverse Battery Signaling - Zone 2	NTCVG	UEAR2	2
13	AL	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Reverse Battery Signaling - Zone 2 [DISCONNECT]	NTCVG	UEAR2	2
13	AL	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Reverse Battery Signaling - Zone 3	NTCVG	UEAR2	3
13	AL	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Reverse Battery Signaling - Zone 3 [DISCONNECT]	NTCVG	UEAR2	3
13	AL	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Single LSR, (per DS0)	NTCVG	URES	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	AL	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Spreadsheet (per DS0)	NTCVG	URESP	
13	AL	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Loop Tagging - Service Level 2 (SL2)	NTCVG	URETL	
13	AL	UNE LOOP COMMINGLING	4-Wire Analog Voice Grade Loop - Zone 1	NTCVG	UEAL4	1
13	AL	UNE LOOP COMMINGLING	4-Wire Analog Voice Grade Loop - Zone 1 [DISCONNECT]	NTCVG	UEAL4	1
13	AL	UNE LOOP COMMINGLING	4-Wire Analog Voice Grade Loop - Zone 2	NTCVG	UEAL4	2
13	AL	UNE LOOP COMMINGLING	4-Wire Analog Voice Grade Loop - Zone 2 [DISCONNECT]	NTCVG	UEAL4	2
13	AL	UNE LOOP COMMINGLING	4-Wire Analog Voice Grade Loop - Zone 3	NTCVG	UEAL4	3
13	AL	UNE LOOP COMMINGLING	4-Wire Analog Voice Grade Loop - Zone 3 [DISCONNECT]	NTCVG	UEAL4	3
13	AL	UNE LOOP COMMINGLING	4-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Single LSR, (per DS0)	NTCVG	URES	
13	AL	UNE LOOP COMMINGLING	4-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Spreadsheet, (per DS0)	NTCVG	URESP	
13	AL	UNE LOOP COMMINGLING	4-Wire DS1 Digital Loop - Zone 1	NTCD1	USLXX	1
13	AL	UNE LOOP COMMINGLING	4-Wire DS1 Digital Loop - Zone 1 [DISCONNECT]	NTCD1	USLXX	1
13	AL	UNE LOOP COMMINGLING	4-Wire DS1 Digital Loop - Zone 2	NTCD1	USLXX	2
13	AL	UNE LOOP COMMINGLING	4-Wire DS1 Digital Loop - Zone 2 [DISCONNECT]	NTCD1	USLXX	2
13	AL	UNE LOOP COMMINGLING	4-Wire DS1 Digital Loop - Zone 3	NTCD1	USLXX	3
13	AL	UNE LOOP COMMINGLING	4-Wire DS1 Digital Loop - Zone 3 [DISCONNECT]	NTCD1	USLXX	3
13	AL	UNE LOOP COMMINGLING	4-Wire DS1 Digital Loop - Switch-As-Is Conversion rate per UNE Loop, single LSR, (per DS1)	NTCD1	URES	
13	AL	UNE LOOP COMMINGLING	4-Wire DS1 Digital Loop - Switch-As-Is Conversion rate per UNE Loop, Spreadsheet, (per DS1)	NTCD1	URESP	
13	AL	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 2.4 Kbps - Zone 1	NTCUD	UDL2X	1
13	AL	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 2.4 Kbps - Zone 1 [DISCONNECT]	NTCUD	UDL2X	1
13	AL	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 2.4 Kbps - Zone 2	NTCUD	UDL2X	2
13	AL	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 2.4 Kbps - Zone 2 [DISCONNECT]	NTCUD	UDL2X	2
13	AL	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 2.4 Kbps - Zone 3	NTCUD	UDL2X	3

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	AL	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 2.4 Kbps - Zone 3 [DISCONNECT]	NTCUD	UDL2X	3
13	AL	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 4.8 Kbps - Zone 1	NTCUD	UDL4X	1
13	AL	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 4.8 Kbps - Zone 1 [DISCONNECT]	NTCUD	UDL4X	1
13	AL	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 4.8 Kbps - Zone 2	NTCUD	UDL4X	2
13	AL	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 4.8 Kbps - Zone 2 [DISCONNECT]	NTCUD	UDL4X	2
13	AL	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 4.8 Kbps - Zone 3	NTCUD	UDL4X	3
13	AL	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 4.8 Kbps - Zone 3 [DISCONNECT]	NTCUD	UDL4X	3
13	AL	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 9.6 Kbps - Zone 1	NTCUD	UDL9X	1
13	AL	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 9.6 Kbps - Zone 1 [DISCONNECT]	NTCUD	UDL9X	1
13	AL	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 9.6 Kbps - Zone 2	NTCUD	UDL9X	2
13	AL	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 9.6 Kbps - Zone 2 [DISCONNECT]	NTCUD	UDL9X	2
13	AL	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 9.6 Kbps - Zone 3	NTCUD	UDL9X	3
13	AL	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 9.6 Kbps - Zone 3 [DISCONNECT]	NTCUD	UDL9X	3
13	AL	UNE LOOP COMMINGLING	4 Wire Unbundled Digital 19.2 Kbps - Zone 1	NTCUD	UDL19	1
13	AL	UNE LOOP COMMINGLING	4 Wire Unbundled Digital 19.2 Kbps - Zone 1 [DISCONNECT]	NTCUD	UDL19	1
13	AL	UNE LOOP COMMINGLING	4 Wire Unbundled Digital 19.2 Kbps - Zone 2	NTCUD	UDL19	2
13	AL	UNE LOOP COMMINGLING	4 Wire Unbundled Digital 19.2 Kbps - Zone 2 [DISCONNECT]	NTCUD	UDL19	2
13	AL	UNE LOOP COMMINGLING	4 Wire Unbundled Digital 19.2 Kbps - Zone 3	NTCUD	UDL19	3
13	AL	UNE LOOP COMMINGLING	4 Wire Unbundled Digital 19.2 Kbps - Zone 3 [DISCONNECT]	NTCUD	UDL19	3
13	AL	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 56 Kbps - Zone 1	NTCUD	UDL56	1
13	AL	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 56 Kbps - Zone 1 [DISCONNECT]	NTCUD	UDL56	1
13	AL	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 56 Kbps - Zone 2	NTCUD	UDL56	2
13	AL	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 56 Kbps - Zone 2 [DISCONNECT]	NTCUD	UDL56	2
13	AL	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 56 Kbps - Zone 3	NTCUD	UDL56	3

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	AL	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 56 Kbps - Zone 3 [DISCONNECT]	NTCUD	UDL56	3
13	AL	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 64 Kbps - Zone 1	NTCUD	UDL64	1
13	AL	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 64 Kbps - Zone 1 [DISCONNECT]	NTCUD	UDL64	1
13	AL	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 64 Kbps - Zone 2	NTCUD	UDL64	2
13	AL	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 64 Kbps - Zone 2 [DISCONNECT]	NTCUD	UDL64	2
13	AL	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 64 Kbps - Zone 3	NTCUD	UDL64	3
13	AL	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 64 Kbps - Zone 3 [DISCONNECT]	NTCUD	UDL64	3
13	AL	UNE LOOP COMMINGLING	4-Wire 19.2, 56 or 64 KBPS Digital Grade Loop - Switch-As-Is Conversion rate per UNE Loop, single LSR, (per DS0)	NTCUD	URES	
13	AL	UNE LOOP COMMINGLING	4-Wire 19.2, 56 or 64 KBPS Digital Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Spreadsheet, (per DS0)	NTCUD	URESP	
15	AL	UNE LOOP COMMINGLING	4-Wire 19.2, 56 or 64 KBPS Digital Grade Loop - Order Coordination for Specified Conversion Time (per LSR)	NTCVG, NTCUD, NTCD1	OCOSL	
13	AL	MAINTENANCE OF SERVICE	Maintenance of Service Charge, Basic Time, per half hour	UDC, UEA, UDL, UDN, USL, UAL, UHL, UCL, NTCVG, NTCUD, NTCD1, U1TD1, U1TD3, U1TDX, U1TS1, U1TVX, UDF, UDFCX, UDLSX, UE3, ULDD1, ULDD3, ULDDX, ULDS1, ULDVX, UNC1X, UNC3X, UNCDX, UNCSX, UNCVX, ULS	MVVB	
13	AL	MAINTENANCE OF SERVICE	Maintenance of Service Charge, Overtime, per half hour	UDC, UEA, UDL, UDN, USL, UAL, UHL, UCL, NTCVG, NTCUD, NTCD1, U1TD1, U1TD3, U1TDX, U1TS1, U1TVX, UDF, UDFCX, UDLSX, UE3, ULDD1, ULDD3, ULDDX, ULDS1, ULDVX, UNC1X, UNC3X, UNCDX, UNCSX, UNCVX, ULS	MVVOT	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	AL	MAINTENANCE OF SERVICE	Maintenance of Service Charge, Premium, per half hour	UDC, UEA, UDL, UDN, USL, UAL, UHL, UCL, NTCVG, NTCUD, NTCU1, U1TD1, U1TD3, U1TDX, U1TS1, U1TVX, UDF, UDFCX, UDLSX, UE3, ULDD1, ULDD3, ULDDX, ULDS1, ULVDX, UNC1X, UNC3X, UNCDX, UNCSX, UNCVX, ULS	MVVPT	
14	AL	LOOP MODIFICATION	Unbundled Loop Modification, Removal of Load Coils - 2 Wire pair less than or equal to 18k ft. per Unbundled Loop	UAL, UHL, UCL, UEQ, UEA, UEANL, UEPSR, UEPSB	ULM2L	
14	AL	LOOP MODIFICATION	Unbundled Loop Modification Removal of Load Coils - 4 Wire less than or equal to 18K ft, per Unbundled Loop	UHL, UCL, UEA	ULM4L	
14	AL	LOOP MODIFICATION	Unbundled Loop Modification Removal of Bridged Tap Removal, per unbundled loop	UAL, UHL, UCL, UEQ, UEA, UEANL, UEPSR, UEPSB	ULMBT	
13MR-SL	AL	SUB-LOOPS	Sub-Loop - Per Cross Box Location - CLEC Feeder Facility Set-Up	UEANL, UEF	USBSA	
13MR-SL	AL	SUB-LOOPS	Sub-Loop - Per Cross Box Location - Per 25 Pair Panel Set-Up	UEANL, UEF	USBSB	
13MR-SL	AL	SUB-LOOPS	Sub-Loop - Per Building Equipment Room - CLEC Feeder Facility Set-Up	UEANL	USBSC	
13MR-SL	AL	SUB-LOOPS	Sub-Loop - Per Building Equipment Room - Per 25 Pair Panel Set-Up	UEANL	USBSD	
13MR-SL	AL	SUB-LOOPS	Sub-Loop Distribution Per 2-Wire Analog Voice Grade Loop - Zone 1	UEANL	USBN2	1
13MR-SL	AL	SUB-LOOPS	Sub-Loop Distribution Per 2-Wire Analog Voice Grade Loop - Zone 1 [DISCONNECT]	UEANL	USBN2	1
13MR-SL	AL	SUB-LOOPS	Sub-Loop Distribution Per 2-Wire Analog Voice Grade Loop - Zone 2	UEANL	USBN2	2
13MR-SL	AL	SUB-LOOPS	Sub-Loop Distribution Per 2-Wire Analog Voice Grade Loop - Zone 2 [DISCONNECT]	UEANL	USBN2	2
13MR-SL	AL	SUB-LOOPS	Sub-Loop Distribution Per 2-Wire Analog Voice Grade Loop - Zone 3	UEANL	USBN2	3
13MR-SL	AL	SUB-LOOPS	Sub-Loop Distribution Per 2-Wire Analog Voice Grade Loop - Zone 3 [DISCONNECT]	UEANL	USBN2	3
13	AL	SUB-LOOPS	Order Coordination for Unbundled Sub-Loops, per sub- loop pair	UEANL	USBMC	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13MR-SL	AL	SUB-LOOPS	Sub-Loop Distribution Per 4-Wire Analog Voice Grade Loop - Zone 1	UEANL	USBN4	1
13MR-SL	AL	SUB-LOOPS	Sub-Loop Distribution Per 4-Wire Analog Voice Grade Loop - Zone 1 [DISCONNECT]	UEANL	USBN4	1
13MR-SL	AL	SUB-LOOPS	Sub-Loop Distribution Per 4-Wire Analog Voice Grade Loop - Zone 2	UEANL	USBN4	2
13MR-SL	AL	SUB-LOOPS	Sub-Loop Distribution Per 4-Wire Analog Voice Grade Loop - Zone 2 [DISCONNECT]	UEANL	USBN4	2
13MR-SL	AL	SUB-LOOPS	Sub-Loop Distribution Per 4-Wire Analog Voice Grade Loop - Zone 3	UEANL	USBN4	3
13MR-SL	AL	SUB-LOOPS	Sub-Loop Distribution Per 4-Wire Analog Voice Grade Loop - Zone 3 [DISCONNECT]	UEANL	USBN4	3
13MR-SL	AL	SUB-LOOPS	Sub-Loop 2-Wire Intrabuilding Network Cable (INC)	UEANL	USBR2	
13MR-SL	AL	SUB-LOOPS	Sub-Loop 2-Wire Intrabuilding Network Cable (INC) [DISCONNECT]	UEANL	USBR2	
13MR-SL	AL	SUB-LOOPS	Sub-Loop 4-Wire Intrabuilding Network Cable (INC)	UEANL	USBR4	
13MR-SL	AL	SUB-LOOPS	Sub-Loop 4-Wire Intrabuilding Network Cable (INC) [DISCONNECT]	UEANL	USBR4	
13MR-SL	AL	SUB-LOOPS	Loop Testing - Basic 1st Half Hour	UEANL	URET1	
13MR-SL	AL	SUB-LOOPS	Loop Testing - Basic Additional Half Hour	UEANL	URETA	
13MR-SL	AL	SUB-LOOPS	2 Wire Copper Unbundled Sub-Loop Distribution - Zone 1	UEF	UCS2X	1
13MR-SL	AL	SUB-LOOPS	2 Wire Copper Unbundled Sub-Loop Distribution - Zone 1 [DISCONNECT]	UEF	UCS2X	1
13MR-SL	AL	SUB-LOOPS	2 Wire Copper Unbundled Sub-Loop Distribution - Zone 2	UEF	UCS2X	2
13MR-SL	AL	SUB-LOOPS	2 Wire Copper Unbundled Sub-Loop Distribution - Zone 2 [DISCONNECT]	UEF	UCS2X	2
13MR-SL	AL	SUB-LOOPS	2 Wire Copper Unbundled Sub-Loop Distribution - Zone 3	UEF	UCS2X	3
13MR-SL	AL	SUB-LOOPS	2 Wire Copper Unbundled Sub-Loop Distribution - Zone 3 [DISCONNECT]	UEF	UCS2X	3
13	AL	SUB-LOOPS	Order Coordination for Unbundled Sub-Loops, per sub-loop pair	UEF	USBMC	
13MR-SL	AL	SUB-LOOPS	4 Wire Copper Unbundled Sub-Loop Distribution - Zone 1	UEF	UCS4X	1

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13MR-SL	AL	SUB-LOOPS	4 Wire Copper Unbundled Sub-Loop Distribution - Zone 1 [DISCONNECT]	UEF	UCS4X	1
13MR-SL	AL	SUB-LOOPS	4 Wire Copper Unbundled Sub-Loop Distribution - Zone 2	UEF	UCS4X	2
13MR-SL	AL	SUB-LOOPS	4 Wire Copper Unbundled Sub-Loop Distribution - Zone 2 [DISCONNECT]	UEF	UCS4X	2
13MR-SL	AL	SUB-LOOPS	4 Wire Copper Unbundled Sub-Loop Distribution - Zone 3	UEF	UCS4X	3
13MR-SL	AL	SUB-LOOPS	4 Wire Copper Unbundled Sub-Loop Distribution - Zone 3 [DISCONNECT]	UEF	UCS4X	3
13MR-SL	AL	SUB-LOOPS	Loop Tagging Service Level 1, Unbundled Copper Loop, Non-Designed and Distribution Subloops	UEF, UEANL	URETL	
13MR-SL	AL	SUB-LOOPS	Loop Testing - Basic 1st Half Hour	UEF	URET1	
13MR-SL	AL	SUB-LOOPS	Loop Testing - Basic Additional Half Hour	UEF	URETA	
13	AL	SUB-LOOPS	Unbundled Sub-Loop Modification - 2-W Copper Dist Load Coil/Equip Removal per 2-W PR	UEF	ULM2X	
13	AL	SUB-LOOPS	Unbundled Sub-loop Modification - 4-W Copper Dist Load Coil/Equip Removal per 4-W PR	UEF	ULM4X	
13	AL	SUB-LOOPS	Unbundled Sub-Loop Modification, Removal of Bridge Tap, per unbundled loop	UEF	ULMBT	
13MR-SL	AL	SUB-LOOPS	Unbundled Network Terminating Wire (UNTW) per Pair	UENTW	UENPP	
13	AL	ADDITIONAL NETWORK ELEMENTS	Network Interface Device (NID) - 1-2 lines	UENTW	UND12	
13	AL	ADDITIONAL NETWORK ELEMENTS	Network Interface Device (NID) - 1-6 lines	UENTW	UND16	
13	AL	ADDITIONAL NETWORK ELEMENTS	Network Interface Device Cross Connect - 2 W	UENTW	UNDC2	
13	AL	ADDITIONAL NETWORK ELEMENTS	Network Interface Device Cross Connect - 4W	UENTW	UNDC4	
13	AL	UNE OTHER, PROVISIONING ONLY - NO RATE	Unbundled Contact Name, Provisioning Only - no rate	UAL, UCL, UDC, UDL, UDN, UEA, UHL, UEANL, UEF, UEQ, UENTW, NTCVG, NTCUD, NTCD1, USL	UNECN	
13	AL	UNE OTHER, PROVISIONING ONLY - NO RATE	Unbundled DS1 Loop - Superframe Format Option - no rate	USL, NTCD1	CCOSF	
13	AL	UNE OTHER, PROVISIONING ONLY - NO RATE	Unbundled DS1 Loop - Expanded Superframe Format option - no rate	USL, NTCD1	CCOEF	
13	AL	UNE OTHER, PROVISIONING ONLY - NO RATE	NID - Dispatch and Service Order for NID installation	UENTW	UNDBX	
13MR-SL	AL	UNE OTHER, PROVISIONING ONLY - NO RATE	UNTW Circuit Establishment, Provisioning Only - No Rate	UENTW	UENCE	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
14	AL	LOOP MAKE-UP	Loop Makeup - Preordering Without Reservation, per working or spare facility queried (Manual).	UMK	UMKLW	
14	AL	LOOP MAKE-UP	Loop Makeup - Preordering With Reservation, per spare facility queried (Manual).	UMK	UMKLP	
14	AL	LOOP MAKE-UP	Loop Makeup--With or Without Reservation, per working or spare facility queried (Mechanized)	UMK	UMKMQ	
14R-LS	AL	LINE SPLITTING	End User Ordering - Central Office Based - Line Splitting - per line activation DLEC owned splitter	UEPSR, UEPSB	UREOS	
14R-LS	AL	LINE SPLITTING	End User Ordering - Central Office Based - Line Splitting - per line activation AT&T owned - physical	UEPSR, UEPSB	UREBP	
14R-LS	AL	LINE SPLITTING	End User Ordering - Central Office Based - Line Splitting - per line activation AT&T owned - physical [DISCONNECT]	UEPSR, UEPSB	UREBP	
14R-LS	AL	LINE SPLITTING	End User Ordering - Central Office Based - Line Splitting - per line activation AT&T owned - virtual	UEPSR, UEPSB	UREBV	
14R-LS	AL	LINE SPLITTING	End User Ordering - Central Office Based - Line Splitting - per line activation AT&T owned - virtual [DISCONNECT]	UEPSR, UEPSB	UREBV	
14R-LS	AL	LINE SPLITTING	End User Ordering - Remote Site Line Splitting - Unbundled Exchange Access Loop - 2 Wire Analog Voice Grade Loop-Service Level 1-Line Splitting- Zone 1	UEPSR, UEPSB	UEALS	1
14R-LS	AL	LINE SPLITTING	End User Ordering - Remote Site Line Splitting - Unbundled Exchange Access Loop - 2 Wire Analog Voice Grade Loop-Service Level 1-Line Splitting- Zone 1 [DISCONNECT]	UEPSR, UEPSB	UEALS	1
14R-LS	AL	LINE SPLITTING	End User Ordering - Remote Site Line Splitting - Unbundled Exchange Access Loop - 2 Wire Analog Voice Grade Loop-Service Level 1-Line Splitting- Zone 1	UEPSR, UEPSB	UEABS	1
14R-LS	AL	LINE SPLITTING	End User Ordering - Remote Site Line Splitting - Unbundled Exchange Access Loop - 2 Wire Analog Voice Grade Loop-Service Level 1-Line Splitting- Zone 1 [DISCONNECT]	UEPSR, UEPSB	UEABS	1

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
14R-LS	AL	LINE SPLITTING	End User Ordering - Remote Site Line Splitting - Unbundled Exchange Access Loop - 2 Wire Analog Voice Grade Loop- Service Level 1-Line Splitting-Zone 2	UEPSR, UEPSB	UEALS	2
14R-LS	AL	LINE SPLITTING	End User Ordering - Remote Site Line Splitting - Unbundled Exchange Access Loop - 2 Wire Analog Voice Grade Loop- Service Level 1-Line Splitting-Zone 2 [DISCONNECT]	UEPSR, UEPSB	UEALS	2
14R-LS	AL	LINE SPLITTING	End User Ordering - Remote Site Line Splitting - Unbundled Exchange Access Loop - 2 Wire Analog Voice Grade Loop- Service Level 1-Line Splitting-Zone 2	UEPSR, UEPSB	UEABS	2
14R-LS	AL	LINE SPLITTING	End User Ordering - Remote Site Line Splitting - Unbundled Exchange Access Loop - 2 Wire Analog Voice Grade Loop- Service Level 1-Line Splitting-Zone 2 [DISCONNECT]	UEPSR, UEPSB	UEABS	2
14R-LS	AL	LINE SPLITTING	End User Ordering - Remote Site Line Splitting - Unbundled Exchange Access Loop - 2 Wire Analog Voice Grade Loop-Service Level 1-Line Splitting-Zone 3	UEPSR, UEPSB	UEALS	3
14R-LS	AL	LINE SPLITTING	End User Ordering - Remote Site Line Splitting - Unbundled Exchange Access Loop - 2 Wire Analog Voice Grade Loop-Service Level 1-Line Splitting-Zone 3 [DISCONNECT]	UEPSR, UEPSB	UEALS	3
14R-LS	AL	LINE SPLITTING	End User Ordering - Remote Site Line Splitting - Unbundled Exchange Access Loop - 2 Wire Analog Voice Grade Loop-Service Level 1-Line Splitting-Zone 3	UEPSR, UEPSB	UEABS	3
14R-LS	AL	LINE SPLITTING	End User Ordering - Remote Site Line Splitting - Unbundled Exchange Access Loop - 2 Wire Analog Voice Grade Loop-Service Level 1-Line Splitting-Zone 3 [DISCONNECT]	UEPSR, UEPSB	UEABS	3
14R-LS	AL	LINE SPLITTING	End User Ordering - Remote Site Line Splitting - Unbundled Exchange Access Loop - Physical Collocation-2 Wire Cross Connects (Loop) for Line Splitting	UEPSR, UEPSB	PE1LS	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
14R-LS	AL	LINE SPLITTING	End User Ordering - Remote Site Line Splitting - Unbundled Exchange Access Loop - Physical Collocation-2 Wire Cross Connects (Loop) for Line Splitting [DISCONNECT]	UEPSR, UEPSB	PE1LS	
14R-LS	AL	LINE SPLITTING	End User Ordering - Remote Site Line Splitting - Unbundled Exchange Access Loop - Virtual Collocation-2 Wire Cross Connects (Loop) for Line Splitting	UEPSR, UEPSB	VE1LS	
14R-LS	AL	LINE SPLITTING	End User Ordering - Remote Site Line Splitting - Unbundled Exchange Access Loop - Virtual Collocation-2 Wire Cross Connects (Loop) for Line Splitting [DISCONNECT]	UEPSR, UEPSB	VE1LS	
13	AL	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS1 - per mile	U1TD1	1L5XX	
13	AL	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS1 - Facility Termination	U1TD1	U1TF1	
13	AL	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS1 - Facility Termination [DISCONNECT]	U1TD1	U1TF1	
13	AL	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS3 - per mile	U1TD3	1L5XX	
13	AL	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS3 - Facility Termination	U1TD3	U1TF3	
13	AL	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS3 - Facility Termination [DISCONNECT]	U1TD3	U1TF3	
13	AL	UNBUNDLED DEDICATED TRANSPORT	Stand Alone or in Combination - Dark Fiber - Interoffice Transport, Per Four Fiber Strands, Per Route Mile Or Fraction Thereof	UDF	1L5DF	
13	AL	UNBUNDLED DEDICATED TRANSPORT	Stand Alone or in Combination - Dark Fiber - Interoffice Transport, Per Four Fiber Strands, Per Route Mile Or Fraction Thereof	UDF	UDF14	
13	AL	UNBUNDLED DEDICATED TRANSPORT	Stand Alone or in Combination - Dark Fiber - Interoffice Transport, Per Four Fiber Strands, Per Route Mile Or Fraction Thereof [DISCONNECT]	UDF	UDF14	
13	AL	HIGH CAPACITY UNBUNDLED LOCAL LOOP	Stand Alone - DS3 Unbundled Local Loop - per mile	UE3	1L5ND	
13	AL	HIGH CAPACITY UNBUNDLED LOCAL LOOP	Stand Alone - DS3 Unbundled Local Loop - Facility Termination	UE3	UE3PX	
13	AL	HIGH CAPACITY UNBUNDLED LOCAL LOOP	Stand Alone - DS3 Unbundled Local Loop - Facility Termination [DISCONNECT]	UE3	UE3PX	
13	AL	ENHANCED EXTENDED LINK (EELs)	4-Wire Analog Voice Grade Loop in Combination - Zone 1	UNCVX	UEAL4	1

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	AL	ENHANCED EXTENDED LINK (EELs)	4-Wire Analog Voice Grade Loop in Combination - Zone 1 [DISCONNECT]	UNCVX	UEAL4	1
13	AL	ENHANCED EXTENDED LINK (EELs)	4-Wire Analog Voice Grade Loop in Combination - Zone 2	UNCVX	UEAL4	2
13	AL	ENHANCED EXTENDED LINK (EELs)	4-Wire Analog Voice Grade Loop in Combination - Zone 2 [DISCONNECT]	UNCVX	UEAL4	2
13	AL	ENHANCED EXTENDED LINK (EELs)	4-Wire Analog Voice Grade Loop in Combination - Zone 3	UNCVX	UEAL4	3
13	AL	ENHANCED EXTENDED LINK (EELs)	4-Wire Analog Voice Grade Loop in Combination - Zone 3 [DISCONNECT]	UNCVX	UEAL4	3
13	AL	ENHANCED EXTENDED LINK (EELs)	4-Wire DS1 Digital Loop in Combination - Zone 1	UNC1X	USLXX	1
13	AL	ENHANCED EXTENDED LINK (EELs)	4-Wire DS1 Digital Loop in Combination - Zone 1 [DISCONNECT]	UNC1X	USLXX	1
13	AL	ENHANCED EXTENDED LINK (EELs)	4-Wire DS1 Digital Loop in Combination - Zone 2	UNC1X	USLXX	2
13	AL	ENHANCED EXTENDED LINK (EELs)	4-Wire DS1 Digital Loop in Combination - Zone 2 [DISCONNECT]	UNC1X	USLXX	2
13	AL	ENHANCED EXTENDED LINK (EELs)	4-Wire DS1 Digital Loop in Combination - Zone 3	UNC1X	USLXX	3
13	AL	ENHANCED EXTENDED LINK (EELs)	4-Wire DS1 Digital Loop in Combination - Zone 3 [DISCONNECT]	UNC1X	USLXX	3
13	AL	ENHANCED EXTENDED LINK (EELs)	DS3 Local Loop in combination - per mile	UNC3X	1L5ND	
13	AL	ENHANCED EXTENDED LINK (EELs)	DS3 Local Loop in combination - Facility Termination	UNC3X	UE3PX	
13	AL	ENHANCED EXTENDED LINK (EELs)	DS3 Local Loop in combination - Facility Termination [DISCONNECT]	UNC3X	UE3PX	
13	AL	ENHANCED EXTENDED LINK (EELs)	Interoffice Channel in combination - DS1 - per mile	UNC1X	1L5XX	
13	AL	ENHANCED EXTENDED LINK (EELs)	Interoffice Channel in combination - DS1 Facility Termination	UNC1X	U1TF1	
13	AL	ENHANCED EXTENDED LINK (EELs)	Interoffice Channel in combination - DS1 Facility Termination [DISCONNECT]	UNC1X	U1TF1	
13	AL	ENHANCED EXTENDED LINK (EELs)	Interoffice Channel in combination - DS3 - per mile	UNC3X	1L5XX	
13	AL	ENHANCED EXTENDED LINK (EELs)	Interoffice Channel in combination - DS3 - Facility Termination	UNC3X	U1TF3	
13	AL	ENHANCED EXTENDED LINK (EELs)	Interoffice Channel in combination - DS3 - Facility Termination [DISCONNECT]	UNC3X	U1TF3	
13	AL	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: Clear Channel Capability Extended Frame Option - per DS1	U1TD1, UNC1X	CCOEF	
13	AL	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: Clear Channel Capability Super FrameOption - per DS1	U1TD1, UNC1X	CCOSF	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	AL	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: Clear Channel Capability (SF/ESF) Option - Subsequent Activity - per DS1	U1TD1, UNC1X, USL	NRCCC	
13	AL	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: Clear Channel Capability (SF/ESF) Option - Subsequent Activity - per DS1 [DISCONNECT]	U1TD1, UNC1X, USL	NRCCC	
13	AL	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: C-bit Parity Option - Subsequent Activity - per DS3	U1TD3, UE3, UNC3X	NRCC3	
13	AL	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: C-bit Parity Option - Subsequent Activity - per DS3 [DISCONNECT]	U1TD3, UE3, UNC3X	NRCC3	
13	AL	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: DS1/DS0 Channel System	UNC1X	MQ1	
13	AL	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: DS1/DS0 Channel System [DISCONNECT]	UNC1X	MQ1	
13	AL	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: DS3/DS1Channel System	UNC3X	MQ3	
13	AL	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: DS3/DS1Channel System [DISCONNECT]	UNC3X	MQ3	
13	AL	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: Voice Grade COCI in combination	UNCVX	1D1VG	
13	AL	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: Voice Grade COCI - for 2W-SL2 & 4W Voice Grade Local Loop	UEA	1D1VG	
13	AL	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: DS1 COCI in combination	UNC1X	UC1D1	
13	AL	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: DS1 COCI - for Stand Alone Interoffice Channel	U1TD1	UC1D1	
13	AL	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: DS1 COCI - for DS1 Local Loop	USL, NTCD1	UC1D1	
13	AL	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: Wholesale - UNE, Switch-As-Is Conversion Charge	UNCVX, UNC1X, UNC3X, XDH1X, HFQC6, XDD2X,-XDV6X	UNCCC	
13	AL	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: Unbundled Misc Rate Element, SNE SAI, Single Network Element - Switch As Is Non-recurring Charge, per circuit (LSR)	U1TVX, U1TD3, UDF, UE3	URES	
13	AL	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: Unbundled Misc Rate Element, SNE SAI, Single Network Element - Switch As Is Non-recurring Charge, incremental charge per circuit on a spreadsheet	U1TVX, U1TD3, UDF, UE3	URES	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	AL	ADDITIONAL NETWORK ELEMENTS	Service Rearrangements - NRC - Order Coordination Specific Time - Dedicated Transport	UNC1X, UNC3X	OCOSR	
13	AL	COMMINGLING	Commingling Authorization	UNCVX, UNC1X, UNC3X, U1TD3, UE3, U1TVX	CMGAU	
13	AL	COMMINGLING	Commingling Authorization [DISCONNECT]	UNCVX, UNC1X, UNC3X, U1TD3, UE3, U1TVX	CMGAU	
13	AL	COMMINGLING	Commingled VG COCI	XDV2X	1D1VG	
13	AL	COMMINGLING	Commingled 4-wire Local Loop Zone 1	XDV6X	UEAL4	1
13	AL	COMMINGLING	Commingled 4-wire Local Loop Zone 1 [DISCONNECT]	XDV6X	UEAL4	1
13	AL	COMMINGLING	Commingled 4-wire Local Loop Zone 2	XDV6X	UEAL4	2
13	AL	COMMINGLING	Commingled 4-wire Local Loop Zone 2 [DISCONNECT]	XDV6X	UEAL4	2
13	AL	COMMINGLING	Commingled 4-wire Local Loop Zone 3	XDV6X	UEAL4	3
13	AL	COMMINGLING	Commingled 4-wire Local Loop Zone 3 [DISCONNECT]	XDV6X	UEAL4	3
13	AL	COMMINGLING	Commingled DS1 COCI	XDH1X	UC1D1	
13	AL	COMMINGLING	Commingled DS1 Interoffice Channel	XDH1X	U1TF1	
13	AL	COMMINGLING	Commingled DS1 Interoffice Channel [DISCONNECT]	XDH1X	U1TF1	
13	AL	COMMINGLING	Commingled DS1 Interoffice Channel Mileage	XDH1X	1L5XX	
13	AL	COMMINGLING	Commingled DS1/DS0 Channel System	XDH1X	MQ1	
13	AL	COMMINGLING	Commingled DS1/DS0 Channel System [DISCONNECT]	XDH1X	MQ1	
13	AL	COMMINGLING	Commingled DS1 Local Loop Zone 1	XDH1X	USLXX	1
13	AL	COMMINGLING	Commingled DS1 Local Loop Zone 1 [DISCONNECT]	XDH1X	USLXX	1
13	AL	COMMINGLING	Commingled DS1 Local Loop Zone 2	XDH1X	USLXX	2
13	AL	COMMINGLING	Commingled DS1 Local Loop Zone 2 [DISCONNECT]	XDH1X	USLXX	2
13	AL	COMMINGLING	Commingled DS1 Local Loop Zone 3	XDH1X	USLXX	3
13	AL	COMMINGLING	Commingled DS1 Local Loop Zone 3 [DISCONNECT]	XDH1X	USLXX	3
13	AL	COMMINGLING	Commingled DS3 Local Loop	HFQC6	UE3PX	
13	AL	COMMINGLING	Commingled DS3 Local Loop [DISCONNECT]	HFQC6	UE3PX	
13	AL	COMMINGLING	Commingled DS3/DS1 Channel System	HFQC6	MQ3	
13	AL	COMMINGLING	Commingled DS3/DS1 Channel System [DISCONNECT]	HFQC6	MQ3	
13	AL	COMMINGLING	Commingled DS3 Interoffice Channel	HFQC6	U1TF3	
13	AL	COMMINGLING	Commingled DS3 Interoffice Channel [DISCONNECT]	HFQC6	U1TF3	
13	AL	COMMINGLING	Commingled DS3 Interoffice Channel Mileage	HFQC6	1L5XX	
13	AL	COMMINGLING	UNE to Commingled Conversion Tracking	XDH1X, HFQC6	CMGUN	
13	AL	COMMINGLING	UNE to Commingled Conversion Tracking [DISCONNECT]	XDH1X, HFQC6	CMGUN	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	AL	COMMINGLING	SPA to Commingled Conversion Tracking	XDH1X, HFQC6	CMGSP	
13	AL	COMMINGLING	SPA to Commingled Conversion Tracking [DISCONNECT]	XDH1X, HFQC6	CMGSP	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	AR	UNBUNDLED EXCHANGE ACCESS LOOP	Disconnect Loop from inside wiring, per NID		NRBND	
13	AR	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Loop - Zone 1 (Rural)		U21	1
13	AR	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Loop - Zone 2 (Suburban)		U21	2
13	AR	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Loop - Zone 3 (Urban)		U21	3
13	AR	UNBUNDLED EXCHANGE ACCESS LOOP	Loop Conditioning for dB loss from 8db to 5db		UL2	
13	AR	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Loop - Zone 1 (Rural)		U4H	1
13	AR	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Loop - Zone 2 (Suburban)		U4H	2
13	AR	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Loop - Zone 3 (Urban)		U4H	3
13	AR	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Digital Loop - Zone 1 (Rural)		U2Q	1
13	AR	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Digital Loop - Zone 2 (Suburban)		U2Q	2
13	AR	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Digital Loop - Zone 3 (Urban)		U2Q	3
13	AR	UNBUNDLED EXCHANGE ACCESS LOOP	DS1 Loop Zone 1 (Rural)		U4D1X	1
13	AR	UNBUNDLED EXCHANGE ACCESS LOOP	DS1 Loop Zone 2 (Suburban)		U4D1X	2
13	AR	UNBUNDLED EXCHANGE ACCESS LOOP	DS1 Loop Zone 3 (Urban)		U4D1X	3
13	AR	UNBUNDLED EXCHANGE ACCESS LOOP	DS3 Loop Zone 1 (Rural)		U4D3X	1
13	AR	UNBUNDLED EXCHANGE ACCESS LOOP	DS3 Loop Zone 2 (Suburban)		U4D3X	2
13	AR	UNBUNDLED EXCHANGE ACCESS LOOP	DS3 Loop Zone 3 (Urban)		U4D3X	3
13	AR	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Loop Cross Connect to Collocation - Cross Connect		UCXC2	
13	AR	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Loop to Collocation (without testing) - Cross Connect		UCXD2	
13	AR	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Loop to Collocation - Cross Connect		UCXC4	
13	AR	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Loop to Collocation (without testing) - Cross Connect		UCXD4	
13	AR	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Digital Loop to Collocation - Cross Connect		(UCXC2) UNDERDEVELOPMENT	
13	AR	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Digital Loop to Collocation (without testing) - Cross Connect		(UCXD2) UNDERDEVELOPMENT	
13	AR	UNBUNDLED EXCHANGE ACCESS LOOP	DS1 Loop to Collocation - Cross Connect		UDLY4	
13	AR	UNBUNDLED EXCHANGE ACCESS LOOP	DS3 Loop to Collocation - Cross Connect		UCXBX	
14	AR	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #1 - 2-Wire xDSL Loop - Zone 1 (Rural)		2SLAX	1
14	AR	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #1 - 2-Wire xDSL Loop - Zone 2 (Suburban)		2SLAX	2
14	AR	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #1 - 2-Wire xDSL Loop - Zone 3 (Urban)		2SLAX	3
14	AR	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #2 - 2-Wire xDSL Loop - Zone 1 (Rural)		2SLCX	1
14	AR	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #2 - 2-Wire xDSL Loop - Zone 2 (Suburban)		2SLCX	2

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
14	AR	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #2 - 2-Wire xDSL Loop - Zone 3 (Urban)		2SLCX	3
14	AR	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #3 - 2-Wire xDSL Loop - Zone 1 (Rural)		2SLBX	1
14	AR	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #3 - 2-Wire xDSL Loop - Zone 2 (Suburban)		2SLBX	2
14	AR	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #3 - 2-Wire xDSL Loop - Zone 3 (Urban)		2SLBX	3
14	AR	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #4 - 2-Wire xDSL Loop - Zone 1 (Rural)		2SLDX	1
14	AR	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #4 - 2-Wire xDSL Loop - Zone 2 (Suburban)		2SLDX	2
14	AR	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #4 - 2-Wire xDSL Loop - Zone 3 (Urban)		2SLDX	3
14	AR	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #5 - 2-Wire xDSL Loop - Zone 1 (Rural)		U2F	1
14	AR	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #5 - 2-Wire xDSL Loop - Zone 2 (Suburban)		U2F	2
14	AR	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #5 - 2-Wire xDSL Loop - Zone 3 (Urban)		U2F	3
14	AR	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #7 - 2-Wire xDSL Loop - Zone 1 (Rural)		2SLFX	1
14	AR	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #7 - 2-Wire xDSL Loop - Zone 2 (Suburban)		2SLFX	2
14	AR	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #7 - 2-Wire xDSL Loop - Zone 3 (Urban)		2SLFX	3
14	AR	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #3 - 4-Wire xDSL Loop - Zone 1 (Rural)		4SL1X	1
14	AR	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #3 - 4-Wire xDSL Loop - Zone 2 (Suburban)		4SL1X	2
14	AR	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #3 - 4-Wire xDSL Loop - Zone 3 (Urban)		4SL1X	3
13	AR	UNBUNDLED EXCHANGE ACCESS LOOP	IDSL Capable Loop - Zone 1 (Rural)		UY5FX	1
13	AR	UNBUNDLED EXCHANGE ACCESS LOOP	IDSL Capable Loop - Zone 2 (Suburban)		UY5FX	2
13	AR	UNBUNDLED EXCHANGE ACCESS LOOP	IDSL Capable Loop - Zone 3 (Urban)		UY5FX	3
14	AR	LOOP MAKE-UP	Loop Qualification Process - Mechanized		NR98U	
14	AR	LOOP MAKE-UP	Loop Qualification Process - Manual		NRBXU	
14	AR	LOOP MODIFICATION	DSL Conditioning - Removal of Repeaters		NRBXV	
14	AR	LOOP MODIFICATION	DSL Conditioning - Incremental Removal of Repeater (> than 17.5 Kft.same location/same cable)		NRBNL	
14	AR	LOOP MODIFICATION	DSL Conditioning - Incremental Additional Removal of Repeater (> than 17.5 Kft.same location/different cable)		NRBNP	
14	AR	LOOP MODIFICATION	DSL Conditioning - Removal of Excessive Bridged Taps and Repeaters		NRBXH	
14	AR	LOOP MODIFICATION	DSL Conditioning - Incremental Removal of Excessive Bridged Taps and Repeaters (>than 17.5K same location/same cable)		NRBTV	
14	AR	LOOP MODIFICATION	DSL Conditioning - Incremental Additional Removal of Excessive Bridged Taps and Repeaters (>than 17.5K same location/different cable)		NRBTW	
14	AR	LOOP MODIFICATION	DSL Conditioning - Removal of Excessive Bridged Taps		NRBXW	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
14	AR	LOOP MODIFICATION	DSL Conditioning - Incremental Removal of Excessive Bridged Tap (> than 17.5 Kft.same location/same cable)		NRBNK	
14	AR	LOOP MODIFICATION	DSL Conditioning - Incremental Additional Removal of Excessive Bridged Tap (> than 17.5 Kft.same location/different cable)		NRBNN	
14	AR	LOOP MODIFICATION	DSL Conditioning - Removal of Excessive Bridged Taps and Load Coils		NRBXF	
14	AR	LOOP MODIFICATION	DSL Conditioning - Incremental Removal of Load Coil & Excessive Bridge Tap (> than 17.5 Kft.same location/same Cable)		NRBM8	
14	AR	LOOP MODIFICATION	DSL Conditioning - Incremental Additional Removal of Load Coil & Excessive Bridge Tap (> than 17.5 Kft.same location/different Cable)		NRBM9	
14	AR	LOOP MODIFICATION	DSL Conditioning - Removal of Load Coils		NRBXZ	
14	AR	LOOP MODIFICATION	DSL Conditioning - Incremental Removal of Load Coil (> than 17.5 Kft.same location/same Cable)		NRBNJ	
14	AR	LOOP MODIFICATION	DSL Conditioning - Incremental Additional Removal of Load Coil (> than 17.5 Kft.same location/different Cable)		NRBNH	
14	AR	LOOP MODIFICATION	RABT - MMP - Removal of non-excessive bridged tap DSL loops >0Kft. And <17.5Kft.		NRMRJ	
14	AR	LOOP MODIFICATION	RABT - MMP - Removal of All Bridged Tap DSL Loops 12Kft. To 17.5Kft.		NRMRP	
14	AR	LOOP MODIFICATION	RABT - MMP - Removal of non-excessive bridged tap DSL loops >17.5Kft DSL Loops - per element incremental		NRMRS	
14	AR	LOOP MODIFICATION	RABT - MMP - Removal of All Bridged Tap DSL loops >17.5Kft. - per element incremental		NRMRM	
14	AR	LOOP MODIFICATION	DSL Shielded Loop Cross Connect to Collocation		UXRRX	
14	AR	LOOP MODIFICATION	2-Wire DSL Non-Shielded Cross Connect to Collocation		UCX92	
14	AR	LOOP MODIFICATION	4-Wire DSL Non-Shielded Cross Connect to Collocation		UCX94	
14	AR	LOOP MODIFICATION	LST performed on CODSLAM Loop		URCLD	
13MR-SL	AR	SUB-LOOPS	LST performed on Sub Loop		URCLB	
13MR-SL	AR	SUB-LOOPS	ECS to SAI subloop charge 2-Wire Analog Zone 1 (Rural)		U6LAP	1

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13MR-SL	AR	SUB-LOOPS	ECS to SAI subloop charge 2-Wire Analog Zone 2 (Suburban)		U6LAP	2
13MR-SL	AR	SUB-LOOPS	ECS to SAI subloop charge 2-Wire Analog Zone 3 (Urban)		U6LAP	3
13MR-SL	AR	SUB-LOOPS	ECS to Terminal subloop charge 2-Wire Analog Zone 1 (Rural)		U6LAQ	1
13MR-SL	AR	SUB-LOOPS	ECS to Terminal subloop charge 2-Wire Analog Zone 2 (Suburban)		U6LAQ	2
13MR-SL	AR	SUB-LOOPS	ECS to Terminal subloop charge 2-Wire Analog Zone 3 (Urban)		U6LAQ	3
13MR-SL	AR	SUB-LOOPS	ECS to NID subloop charge 2-Wire Analog Zone 1 (Rural)		U6LAR	1
13MR-SL	AR	SUB-LOOPS	ECS to NID subloop charge 2-Wire Analog Zone 2 (Suburban)		U6LAR	2
13MR-SL	AR	SUB-LOOPS	ECS to NID subloop charge 2-Wire Analog Zone 3 (Urban)		U6LAR	3
13MR-SL	AR	SUB-LOOPS	SAI to Terminal subloop charge 2-Wire Analog Zone 1 (Rural)		U6LAS	1
13MR-SL	AR	SUB-LOOPS	SAI to Terminal subloop charge 2-Wire Analog Zone 2 (Suburban)		U6LAS	2
13MR-SL	AR	SUB-LOOPS	SAI to Terminal subloop charge 2-Wire Analog Zone 3 (Urban)		U6LAS	3
13MR-SL	AR	SUB-LOOPS	SAI to NID subloop charge 2-Wire Analog Zone 1 (Rural)		U6LAT	1
13MR-SL	AR	SUB-LOOPS	SAI to NID subloop charge 2-Wire Analog Zone 2 (Suburban)		U6LAT	2
13MR-SL	AR	SUB-LOOPS	SAI to NID subloop charge 2-Wire Analog Zone 3 (Urban)		U6LAT	3
13MR-SL	AR	SUB-LOOPS	Terminal to NID subloop charge 2-Wire Analog Zone 1 (Rural)		U6LAU	1
13MR-SL	AR	SUB-LOOPS	Terminal to NID subloop charge 2-Wire Analog Zone 2 (Suburban)		U6LAU	2
13MR-SL	AR	SUB-LOOPS	Terminal to NID subloop charge 2-Wire Analog Zone 3 (Urban)		U6LAU	3
13MR-SL	AR	SUB-LOOPS	ECS to SAI subloop charge 4-Wire Analog Zone 1 (Rural)		U6LEP	1

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13MR-SL	AR	SUB-LOOPS	ECS to SAI subloop charge 4-Wire Analog Zone 2 (Suburban)		U6LEP	2
13MR-SL	AR	SUB-LOOPS	ECS to SAI subloop charge 4-Wire Analog Zone 3 (Urban)		U6LEP	3
13MR-SL	AR	SUB-LOOPS	ECS to Terminal subloop charge 4-Wire Analog Zone 1 (Rural)		U6LEQ	1
13MR-SL	AR	SUB-LOOPS	ECS to Terminal subloop charge 4-Wire Analog Zone 2 (Suburban)		U6LEQ	2
13MR-SL	AR	SUB-LOOPS	ECS to Terminal subloop charge 4-Wire Analog Zone 3 (Urban)		U6LEQ	3
13MR-SL	AR	SUB-LOOPS	ECS to NID subloop charge 4-Wire Analog Zone 1 (Rural)		U6LER	1
13MR-SL	AR	SUB-LOOPS	ECS to NID subloop charge 4-Wire Analog Zone 2 (Suburban)		U6LER	2
13MR-SL	AR	SUB-LOOPS	ECS to NID subloop charge 4-Wire Analog Zone 3 (Urban)		U6LER	3
13MR-SL	AR	SUB-LOOPS	SAI to Terminal subloop charge 4-Wire Analog Zone 1 (Rural)		U6LES	1
13MR-SL	AR	SUB-LOOPS	SAI to Terminal subloop charge 4-Wire Analog Zone 2 (Suburban)		U6LES	2
13MR-SL	AR	SUB-LOOPS	SAI to Terminal subloop charge 4-Wire Analog Zone 3 (Urban)		U6LES	3
13MR-SL	AR	SUB-LOOPS	SAI to NID subloop charge 4-Wire Analog Zone 1 (Rural)		U6LET	1
13MR-SL	AR	SUB-LOOPS	SAI to NID subloop charge 4-Wire Analog Zone 2 (Suburban)		U6LET	2
13MR-SL	AR	SUB-LOOPS	SAI to NID subloop charge 4-Wire Analog Zone 3 (Urban)		U6LET	3
13MR-SL	AR	SUB-LOOPS	Terminal to NID subloop charge 4-Wire Analog Zone 1 (Rural)		U6LEU	1
13MR-SL	AR	SUB-LOOPS	Terminal to NID subloop charge 4-Wire Analog Zone 2 (Suburban)		U6LEU	2
13MR-SL	AR	SUB-LOOPS	Terminal to NID subloop charge 4-Wire Analog Zone 3 (Urban)		U6LEU	3
13MR-SL	AR	SUB-LOOPS	ECS to SAI subloop charge 2-Wire DSL Zone 1 (Rural)		U6LCP	1
13MR-SL	AR	SUB-LOOPS	ECS to SAI subloop charge 2-Wire DSL Zone 2 (Suburban)		U6LCP	2

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13MR-SL	AR	SUB-LOOPS	ECS to SAI subloop charge 2-Wire DSL Zone 3 (Urban)		U6LCP	3
13MR-SL	AR	SUB-LOOPS	ECS to Terminal subloop charge 2-Wire DSL Zone 1 (Rural)		U6LCQ	1
13MR-SL	AR	SUB-LOOPS	ECS to Terminal subloop charge 2-Wire DSL Zone 2 (Suburban)		U6LCQ	2
13MR-SL	AR	SUB-LOOPS	ECS to Terminal subloop charge 2-Wire DSL Zone 3 (Urban)		U6LCQ	3
13MR-SL	AR	SUB-LOOPS	ECS to NID subloop charge 2-Wire DSL Zone 1 (Rural)		U6LCR	1
13MR-SL	AR	SUB-LOOPS	ECS to NID subloop charge 2-Wire DSL Zone 2 (Suburban)		U6LCR	2
13MR-SL	AR	SUB-LOOPS	ECS to NID subloop charge 2-Wire-DSL Zone 3 (Urban)		U6LCR	3
13MR-SL	AR	SUB-LOOPS	SAI to Terminal subloop charge 2-Wire DSL Zone 1 (Rural)		U6LCS	1
13MR-SL	AR	SUB-LOOPS	SAI to Terminal subloop charge 2-Wire DSL Zone 2 (Suburban)		U6LCS	2
13MR-SL	AR	SUB-LOOPS	SAI to Terminal subloop charge 2-Wire DSL Zone 3 (Urban)		U6LCS	3
13MR-SL	AR	SUB-LOOPS	SAI to NID subloop charge 2-Wire DSL Zone 1 (Rural)		U6LCT	1
13MR-SL	AR	SUB-LOOPS	SAI to NID subloop charge 2-Wire DSL Zone 2 (Suburban)		U6LCT	2
13MR-SL	AR	SUB-LOOPS	SAI to NID subloop charge 2-Wire DSL Zone 3 (Urban)		U6LCT	3
13MR-SL	AR	SUB-LOOPS	Terminal to NID subloop charge 2-Wire DSL Zone 1 (Rural)		U6LCU	1
13MR-SL	AR	SUB-LOOPS	Terminal to NID subloop charge 2-Wire DSL Zone 2 (Suburban)		U6LCU	2
13MR-SL	AR	SUB-LOOPS	Terminal to NID subloop charge 2-Wire DSL Zone 3 (Urban)		U6LCU	3
13MR-SL	AR	SUB-LOOPS	ECS to SAI subloop charge 4-Wire DSL Zone 1 (Rural)		U6LGP	1
13MR-SL	AR	SUB-LOOPS	ECS to SAI subloop charge 4-Wire DSL Zone 2 (Suburban)		U6LGP	2
13MR-SL	AR	SUB-LOOPS	ECS to SAI subloop charge 4-Wire DSL Zone 3 (Urban)		U6LGP	3
13MR-SL	AR	SUB-LOOPS	ECS to Terminal subloop charge 4-Wire DSL Zone 1 (Rural)		U6LGQ	1

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13MR-SL	AR	SUB-LOOPS	ECS to Terminal subloop charge 4-Wire DSL Zone 2 (Suburban)		U6LGQ	2
13MR-SL	AR	SUB-LOOPS	ECS to Terminal subloop charge 4-Wire DSL Zone 3 (Urban)		U6LGQ	3
13MR-SL	AR	SUB-LOOPS	ECS to NID subloop charge 4-Wire DSL Zone 1 (Rural)		U6LGR	1
13MR-SL	AR	SUB-LOOPS	ECS to NID subloop charge 4-Wire DSL Zone 2 (Suburban)		U6LGR	2
13MR-SL	AR	SUB-LOOPS	ECS to NID subloop charge 4-Wire DSL Zone 3 (Urban)		U6LGR	3
13MR-SL	AR	SUB-LOOPS	SAI to Terminal subloop charge 4-Wire DSL Zone 1 (Rural)		U6LGS	1
13MR-SL	AR	SUB-LOOPS	SAI to Terminal subloop charge 4-Wire DSL Zone 2 (Suburban)		U6LGS	2
13MR-SL	AR	SUB-LOOPS	SAI to Terminal subloop charge 4-Wire DSL Zone 3 (Urban)		U6LGS	3
13MR-SL	AR	SUB-LOOPS	SAI to NID subloop charge 4-Wire DSL Zone 1 (Rural)		U6LGT	1
13MR-SL	AR	SUB-LOOPS	SAI to NID subloop charge 4-Wire DSL Zone 2 (Suburban)		U6LGT	2
13MR-SL	AR	SUB-LOOPS	SAI to NID subloop charge 4-Wire DSL Zone 3 (Urban)		U6LGT	3
13MR-SL	AR	SUB-LOOPS	Terminal to NID subloop charge 4-Wire DSL Zone 1 (Rural)		U6LGU	1
13MR-SL	AR	SUB-LOOPS	Terminal to NID subloop charge 4-Wire DSL Zone 2 (Suburban)		U6LGU	2
13MR-SL	AR	SUB-LOOPS	Terminal to NID subloop charge 4-Wire DSL Zone 3 (Urban)		U6LGU	3
13MR-SL	AR	SUB-LOOPS	Subloop Cross Connect 2-Wire Analog Non-Central Office Originating		UKCV2	
13MR-SL	AR	SUB-LOOPS	Subloop Cross Connect 4-Wire Analog Non-Central Office Originating		UKCV4	
13MR-SL	AR	SUB-LOOPS	Subloop Cross Connect 2-Wire DSL Non-Central Office Originating		UKCZ2	
13MR-SL	AR	SUB-LOOPS	Subloop Cross Connect 4-Wire DSL Non-Central Office Originating		UKCZ4	
13MR-SL	AR	SUB-LOOPS	2-Wire Analog Loop Cross Connect to Collocation		UCXC2	
13MR-SL	AR	SUB-LOOPS	2-Wire Analog Loop Cross Connect to Collocation (without testing)		UCXD2	
13MR-SL	AR	SUB-LOOPS	4-Wire Analog Loop Cross Connect to Collocation		UCXC4	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13MR-SL	AR	SUB-LOOPS	4-Wire Analog Loop Cross Connect to Collocation (without testing)		UCXD4	
13MR-SL	AR	SUB-LOOPS	2-Wire Digital Loop Cross Connect to Collocation			
13MR-SL	AR	SUB-LOOPS	2-Wire Digital Loop Cross Connect to Collocation (without testing)			
13MR-SL	AR	SUB-LOOPS	DS1 Loop Cross Connect to Collocation		UCXHX	
13MR-SL	AR	SUB-LOOPS	DS3 Loop Cross Connect to Collocation		UCXBX	
13	AR	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, First Mile		ULNHS	
13	AR	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile		ULNHS	
13	AR	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, First Mile		ULNJS	
13	AR	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile		ULNJS	
13	AR	UNBUNDLED DEDICATED TRANSPORT	DT-Cross Connect - DS1 to Collocation		UCXHX	
13	AR	UNBUNDLED DEDICATED TRANSPORT	DT-Cross Connect - DS3 to Collocation		UCXJX	
13	AR	UNBUNDLED DEDICATED TRANSPORT	DS1 to VG - Multiplexing		UM4BX	
13	AR	UNBUNDLED DEDICATED TRANSPORT	DS3 to DS1 - Multiplexing		UM4AX	
13	AR	UNBUNDLED DEDICATED TRANSPORT	Dark Fiber -Interoffice per strand		ULYCX	
13	AR	UNBUNDLED DEDICATED TRANSPORT	Dark Fiber - Interoffice per foot Zone 1 (Rural)		ULNCF	1
13	AR	UNBUNDLED DEDICATED TRANSPORT	Dark Fiber - Interoffice per foot Zone 2 (Suburban)		ULNCF	2
13	AR	UNBUNDLED DEDICATED TRANSPORT	Dark Fiber - Interoffice per foot Zone 3 (Urban)		ULNCF	3
13	AR	UNBUNDLED DEDICATED TRANSPORT	Dark Fiber Cross Connect - Interoffice		UKCJX	
13	AR	UNBUNDLED DEDICATED TRANSPORT	Dark Fiber - Interoffice Inquiry		NR9D6	
13	AR	UNBUNDLED DEDICATED TRANSPORT	2-Wire Analog Loop Cross Connect to POA - Method 1		UXRA1	1
13	AR	UNBUNDLED DEDICATED TRANSPORT	2-Wire Analog Loop Cross Connect to POA - Method 2		UXRA2	2
13	AR	UNBUNDLED DEDICATED TRANSPORT	2-Wire Analog Loop Cross Connect to POA - Method 3		UXRA3	3
13	AR	UNBUNDLED EXCHANGE ACCESS LOOP	Routine Modifications of Existing Facilities		N3RUE	
7	AR	OPERATIONS SUPPORT SYSTEMS (OSS)	Manual New - Simple		NRBUQ	
7	AR	OPERATIONS SUPPORT SYSTEMS (OSS)	Manual Change - Simple		NRBUO	
7	AR	OPERATIONS SUPPORT SYSTEMS (OSS)	Manual Record - Simple		NRBUU	
7	AR	OPERATIONS SUPPORT SYSTEMS (OSS)	Manual Disconnect - Simple		NRBUW	
7	AR	OPERATIONS SUPPORT SYSTEMS (OSS)	Manual Expedited - Simple		NRMV1	
7	AR	OPERATIONS SUPPORT SYSTEMS (OSS)	Manual Customer Not Ready - Simple		NRMV5	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
7	AR	OPERATIONS SUPPORT SYSTEMS (OSS)	Manual Due Date Change or Cancellation - Simple		NRMV3	
13	AR	UNBUNDLED EXCHANGE ACCESS LOOP	Service Order Charge - Manual New - Complex		NRBUR	
13	AR	UNBUNDLED EXCHANGE ACCESS LOOP	Service Order Charge - Manual Change - Complex		NRBUP	
13	AR	UNBUNDLED EXCHANGE ACCESS LOOP	Service Order Charge - Manual Record - Complex		NRBUV	
13	AR	UNBUNDLED EXCHANGE ACCESS LOOP	Service Order Charge - Manual Disconnect - Complex		NRBUX	
13	AR	UNBUNDLED EXCHANGE ACCESS LOOP	Service Order Charge - Manual Expedited - Complex		NRMV2	
13	AR	UNBUNDLED EXCHANGE ACCESS LOOP	Service Order Charge - Manual Customer Not Ready - Complex		NRMV6	
13	AR	UNBUNDLED EXCHANGE ACCESS LOOP	Service Order Charge - Manual Due Date Change or Cancellation - Complex		NRMV4	
13	AR	UNBUNDLED EXCHANGE ACCESS LOOP	Service Order Charge - Electronic New - Complex		NRBGX	
13	AR	UNBUNDLED EXCHANGE ACCESS LOOP	Service Order Charge - Electronic Change - Complex		NR9G8	
13	AR	UNBUNDLED EXCHANGE ACCESS LOOP	Service Order Charge - Electronic Record - Complex		NR9G7	
13	AR	UNBUNDLED EXCHANGE ACCESS LOOP	Service Order Charge - Electronic Disconnect - Complex		NR9G9	
13	AR	UNBUNDLED EXCHANGE ACCESS LOOP	Service Order Charge - Electronic Expedited Complex		NRMVX	
13	AR	UNBUNDLED EXCHANGE ACCESS LOOP	Service Order Charge - Electronic Customer Not Ready - Complex		NRMVY	
13	AR	UNBUNDLED EXCHANGE ACCESS LOOP	Service Order Charge - Electronic Due Date Change or Cancellation Complex		NRMVZ	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Network interface Device - NID Interface (OANAD Terminology - NID to NID Crossconnect)			
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Network interface Device - NID Premise Visit (OANAD Terminology - NID to NID Crossconnect)			
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Loop Zone 1 (OANAD Terminology - Basic or Assured Link - 2-Wire)	EE7T+, EE7U+, BCL++, RCL++,L3X++, L4X++, L5X++, L6X++, L7X++, L8X++, L9X++, LAX++, LBX++, LCX++, LWX++, L1X++, L2X++, L32++, L33++, L36++	LKB	1
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Loop Zone 2 (OANAD Terminology - Basic or Assured Link - 2-Wire)	EE7T+, EE7U+, BCL++, RCL++,L3X++, L4X++, L5X++, L6X++, L7X++, L8X++, L9X++, LAX++, LBX++, LCX++, LWX++, L1X++, L2X++, L32++, L33++, L36++	LKB	2
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Loop Zone 3 (OANAD Terminology - Basic or Assured Link - 2-Wire)	EE7T+, EE7U+, BCL++, RCL++,L3X++, L4X++, L5X++, L6X++, L7X++, L8X++, L9X++, LAX++, LBX++, LCX++, LWX++, L1X++, L2X++, L32++, L33++, L36++	LKB	3
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Loop Statewide (OANAD Terminology - Basic or Assured Link - 2-Wire)	EE7T+, EE7U+, BCL++, RCL++,L3X++, L4X++, L5X++, L6X++, L7X++, L8X++, L9X++, LAX++, LBX++, LCX++, LWX++, L1X++, L2X++, L32++, L33++, L36++	LKB	
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Loop Zone 1 (OANAD Terminology - Basic or Assured Link - 2-Wire)	EE7T+, EE7U+, BCL++, RCL++,L3X++, L4X++, L5X++, L6X++, L7X++, L8X++, L9X++, LAX++, LBX++, LCX++, LWX++, L1X++, L2X++, L32++, L33++, L36++	LKBAA	1

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Loop Zone 2 (OANAD Terminology - Basic or Assured Link - 2-Wire)	EE7T+, EE7U+, BCL++, RCL++,L3X++, L4X++, L5X++, L6X++, L7X++, L8X++, L9X++, LAX++, LBX++, LCX++, LWX++, L1X++, L2X++, L32++, L33++, L36++	LKBAA	2
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Loop Zone 3 (OANAD Terminology - Basic or Assured Link - 2-Wire)	EE7T+, EE7U+, BCL++, RCL++,L3X++, L4X++, L5X++, L6X++, L7X++, L8X++, L9X++, LAX++, LBX++, LCX++, LWX++, L1X++, L2X++, L32++, L33++, L36++	LKBAA	3
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Loop Statewide (OANAD Terminology - Basic or Assured Link - 2-Wire)	EE7T+, EE7U+, BCL++, RCL++,L3X++, L4X++, L5X++, L6X++, L7X++, L8X++, L9X++, LAX++, LBX++, LCX++, LWX++, L1X++, L2X++, L32++, L33++, L36++	LKBAA	
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Loop Zone 1 (OANAD Terminology - Basic or Assured Link - 2-Wire)	EE7T+, EE7U+, BCL++, RCL++,L3X++, L4X++, L5X++, L6X++, L7X++, L8X++, L9X++, LAX++, LBX++, LCX++, LWX++, L1X++, L2X++, L32++, L33++, L36++	AELKB	1
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Loop Zone 2 (OANAD Terminology - Basic or Assured Link - 2-Wire)	EE7T+, EE7U+, BCL++, RCL++,L3X++, L4X++, L5X++, L6X++, L7X++, L8X++, L9X++, LAX++, LBX++, LCX++, LWX++, L1X++, L2X++, L32++, L33++, L36++	AELKB	2
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Loop Zone 3 (OANAD Terminology - Basic or Assured Link - 2-Wire)	EE7T+, EE7U+, BCL++, RCL++,L3X++, L4X++, L5X++, L6X++, L7X++, L8X++, L9X++, LAX++, LBX++, LCX++, LWX++, L1X++, L2X++, L32++, L33++, L36++	AELKB	3

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Loop Statewide (OANAD Terminology - Basic or Assured Link - 2-Wire)	EE7T+, EE7U+, BCL++, RCL++,L3X++, L4X++, L5X++, L6X++, L7X++, L8X++, L9X++, LAX++, LBX++, LCX++, LWX++, L1X++, L2X++, L32++, L33++, L36++	AELKB	
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Loop Zone 1 (OANAD Terminology - Basic or Assured Link - 2-Wire)	EE7T+, EE7U+, BCL++, RCL++,L3X++, L4X++, L5X++, L6X++, L7X++, L8X++, L9X++, LAX++, LBX++, LCX++, LWX++, L1X++, L2X++, L32++, L33++, L36++	AELKA	1
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Loop Zone 2 (OANAD Terminology - Basic or Assured Link - 2-Wire)	EE7T+, EE7U+, BCL++, RCL++,L3X++, L4X++, L5X++, L6X++, L7X++, L8X++, L9X++, LAX++, LBX++, LCX++, LWX++, L1X++, L2X++, L32++, L33++, L36++	AELKA	2
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Loop Zone 3 (OANAD Terminology - Basic or Assured Link - 2-Wire)	EE7T+, EE7U+, BCL++, RCL++,L3X++, L4X++, L5X++, L6X++, L7X++, L8X++, L9X++, LAX++, LBX++, LCX++, LWX++, L1X++, L2X++, L32++, L33++, L36++	AELKA	3
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Loop Statewide (OANAD Terminology - Basic or Assured Link - 2-Wire)	EE7T+, EE7U+, BCL++, RCL++,L3X++, L4X++, L5X++, L6X++, L7X++, L8X++, L9X++, LAX++, LBX++, LCX++, LWX++, L1X++, L2X++, L32++, L33++, L36++	AELKA	
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Loop Zone 1 (OANAD Terminology - 4-Wire Link)	EE71+, EE72+, EE73+, EE75+, EE76+, EE77+, EE78+, EE79+, EE7X+, EE7Y+, EE7Z+, EE74+	LK4WA	1
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Loop Zone 2 (OANAD Terminology - 4-Wire Link)	EE71+, EE72+, EE73+, EE75+, EE76+, EE77+, EE78+, EE79+, EE7X+, EE7Y+, EE7Z+, EE74+	LK4WA	2

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Loop Zone 3 (OANAD Terminology - 4-Wire Link)	EE71+, EE72+, EE73+, EE75+, EE76+, EE77+, EE78+, EE79+, EE7X+, EE7Y+, EE7Z+, EE74+	LK4WA	3
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Loop Statewide	EE71+, EE72+, EE73+, EE75+, EE76+, EE77+, EE78+, EE79+, EE7X+, EE7Y+, EE7Z+, EE74+	LK4WA	
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Loop - CO Facility Interface Connection (OANAD Terminology - 4-Wire - CO Facility Interface Connection)		3F74X	
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Loop Digital Zone 1 (OANAD Terminology - Basic - 2-Wire + ISDN Option)	EE9E+, EE9F+, B1L++, R1L++	LKB2Q	1
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Digital Loop Zone 2 (OANAD Terminology - Basic - 2-Wire + ISDN Option)	EE9E+, EE9F+, B1L++, R1L++	LKB2Q	2
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Digital Loop Zone 3 (OANAD Terminology - Basic - 2-Wire + ISDN Option)	EE9E+, EE9F+, B1L++, R1L++	LKB2Q	3
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Digital Loop Statewide (OANAD Terminology - Basic - 2-Wire + ISDN Option)	EE9E+, EE9F+, B1L++, R1L++	LKB2Q	
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Loop Digital Zone 1 (OANAD Terminology - Basic - 2-Wire + ISDN Option)	EE9E+, EE9F+, B1L++, R1L++	LKB3Q	1
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Digital Loop Zone 2 (OANAD Terminology - Basic - 2-Wire + ISDN Option)	EE9E+, EE9F+, B1L++, R1L++	LKB3Q	2
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Digital Loop Zone 3 (OANAD Terminology - Basic - 2-Wire + ISDN Option)	EE9E+, EE9F+, B1L++, R1L++	LKB3Q	3
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Digital Loop Statewide (OANAD Terminology - Basic - 2-Wire + ISDN Option)	EE9E+, EE9F+, B1L++, R1L++	LKB3Q	
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Loop Digital Zone 1 (OANAD Terminology - Basic - 2-Wire + ISDN Option)	EE9E+, EE9F+, B1L++, R1L++	U2Q	1
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Digital Loop Zone 2 (OANAD Terminology - Basic - 2-Wire + ISDN Option)	EE9E+, EE9F+, B1L++, R1L++	U2Q	2
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Digital Loop Zone 3 (OANAD Terminology - Basic - 2-Wire + ISDN Option)	EE9E+, EE9F+, B1L++, R1L++	U2Q	3
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Digital Loop Statewide (OANAD Terminology - Basic - 2-Wire + ISDN Option)	EE9E+, EE9F+, B1L++, R1L++	U2Q	
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Loop Digital Zone 1 (OANAD Terminology - Basic - 2-Wire + ISDN Option)	EE9E+, EE9F+, B1L++, R1L++	U3Q	1
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Digital Loop Zone 2 (OANAD Terminology - Basic - 2-Wire + ISDN Option)	EE9E+, EE9F+, B1L++, R1L++	U3Q	2

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Digital Loop Zone 3 (OANAD Terminology - Basic - 2-Wire + ISDN Option)	EE9E+, EE9F+, B1L++, R1L++	U3Q	3
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Digital Loop Statewide (OANAD Terminology - Basic - 2-Wire + ISDN Option)	EE9E+, EE9F+, B1L++, R1L++	U3Q	
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	DS1 Loop Zone 1 (OANAD Terminology - Digital 1.544 MBPS DS-1)	BDL++, EE7M+	LKC4W	1
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	DS1 Loop Zone 2 (OANAD Terminology - Digital 1.544 MBPS DS-1)	BDL++, EE7M+	LKC4W	2
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	DS1 Loop Zone 3 (OANAD Terminology - Digital 1.544 MBPS DS-1)	BDL++, EE7M+	LKC4W	3
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	DS1 Loop Statewide (OANAD Terminology - Digital 1.544 MBPS DS-1)	BDL++, EE7M+	LKC4W	
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	PBX Loop Option (in addition to regular 2-Wire loop charges) Zone 1 (OANAD Terminology - PBX Loop Option)	EE7W+, BXL++	LKBRC	1
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	PBX Loop Option (in addition to regular 2-Wire loop charges) Zone 2 (OANAD Terminology - PBX Loop Option)	EE7W+, BXL++	LKBRC	2
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	PBX Loop Option (in addition to regular 2-Wire loop charges) Zone 3 (OANAD Terminology - PBX Loop Option)	EE7W+, BXL++	LKBRC	3
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	PBX Loop Option (in addition to regular 2-Wire loop charges) Statewide (OANAD Terminology - PBX Loop Option)	EE7W+, BXL++	LKBRC	
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	PBX Loop Option (in addition to regular 2-Wire loop charges) Zone 1 (OANAD Terminology - PBX Loop Option)	EE7W+, BXL++	LKP	1
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	PBX Loop Option (in addition to regular 2-Wire loop charges) Zone 2 (OANAD Terminology - PBX Loop Option)	EE7W+, BXL++	LKP	2
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	PBX Loop Option (in addition to regular 2-Wire loop charges) Zone 3 (OANAD Terminology - PBX Loop Option)	EE7W+, BXL++	LKP	3
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	PBX Loop Option (in addition to regular 2-Wire loop charges) Statewide (OANAD Terminology - PBX Loop Option)	EE7W+, BXL++	LKP	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	PBX Loop Option (in addition to regular 2-Wire loop charges) Zone 1 (OANAD Terminology - PBX Loop Option)	EE7W+, BXL++	LKPAA	1
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	PBX Loop Option (in addition to regular 2-Wire loop charges) Zone 2 (OANAD Terminology - PBX Loop Option)	EE7W+, BXL++	LKPAA	2
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	PBX Loop Option (in addition to regular 2-Wire loop charges) Zone 3 (OANAD Terminology - PBX Loop Option)	EE7W+, BXL++	LKPAA	3
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	PBX Loop Option (in addition to regular 2-Wire loop charges) Statewide (OANAD Terminology - PBX Loop Option)	EE7W+, BXL++	LKPAA	
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Coin Loop Option (in addition to regular 2-Wire loop charges) Zone 1 (OANAD Terminology - Coin Loop Option)	EE7V+, BNL++	LKDBO	1
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Coin Loop Option (in addition to regular 2-Wire loop charges) Zone 2 (OANAD Terminology - Coin Loop Option)	EE7V+, BNL++	LKDBO	2
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Coin Loop Option (in addition to regular 2-Wire loop charges) Zone 3 (OANAD Terminology - Coin Loop Option)	EE7V+, BNL++	LKDBO	3
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Coin Loop Option (in addition to regular 2-Wire loop charges) Statewide (OANAD Terminology - Coin Loop Option)	EE7V+, BNL++	LKDBO	
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Coin Loop Option (in addition to regular 2-Wire loop charges) Zone 1 (OANAD Terminology - Coin Loop Option)	EE7V+, BNL++	LKDTO	1
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Coin Loop Option (in addition to regular 2-Wire loop charges) Zone 2 (OANAD Terminology - Coin Loop Option)	EE7V+, BNL++	LKDTO	2
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Coin Loop Option (in addition to regular 2-Wire loop charges) Zone 3 (OANAD Terminology - Coin Loop Option)	EE7V+, BNL++	LKDTO	3
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Coin Loop Option (in addition to regular 2-Wire loop charges) Statewide (OANAD Terminology - Coin Loop Option)	EE7V+, BNL++	LKDTO	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	ISDN Loop Option (in addition to regular 2-wire loop charges) Zone 1 (OANAD Terminology - ISDN Loop Option)			1
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	ISDN Loop Option (in addition to regular 2-wire loop charges) Zone 2 (OANAD Terminology - ISDN Loop Option)			2
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	ISDN Loop Option (in addition to regular 2-wire loop charges) Zone 3 (OANAD Terminology - ISDN Loop Option)			3
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	ISDN Loop Option (in addition to regular 2-wire loop charges) Statewide (OANAD Terminology - ISDN Loop Option)			
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	DS3 Loop - Zone 1	ULUC+, EE7P+, EE7Q+	U4D3X	1
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	DS3 Loop - Zone 2	ULUC+, EE7P+, EE7Q+	U4D3X	2
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	DS3 Loop - Zone 3	ULUC+, EE7P+, EE7Q+	U4D3X	3
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	DS3 Loop - Statewide	ULUC+, EE7P+, EE7Q+	U4D3X	
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	IDSL Capable Loop Option - Zone 1 (OANAD Terminology - Basic - 2-Wire + ISDN Option)	DXLXS, DXLXR	1GB++, 1GR++	1
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	IDSL Capable Loop Option - Zone 2 (OANAD Terminology - Basic - 2-Wire + ISDN Option)	DXLXS, DXLXR	1GB++, 1GR++	2
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	IDSL Capable Loop Option - Zone 3 (OANAD Terminology - Basic - 2-Wire + ISDN Option)	DXLXS, DXLXR	1GB++, 1GR++	3
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	IDSL Capable Loop Option - Statewide (OANAD Terminology - Basic - 2-Wire + ISDN Option)	DXLXS, DXLXR	1GB++, 1GR++	
14	CA	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #1 - 2-Wire xDSL Loop Zone 1	BP1B+, RP1B+, NS1B+	2SLAX	1
14	CA	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #1 - 2-Wire xDSL Loop Zone 2	BP1B+, RP1B+, NS1B+	2SLAX	2
14	CA	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #1 - 2-Wire xDSL Loop Zone 3	BP1B+, RP1B+, NS1B+	2SLAX	3
14	CA	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #1 - 2-Wire xDSL Loop Statewide	BP1B+, RP1B+, NS1B+	2SLAX	
14	CA	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #2 - 2-Wire xDSL Loop Zone 1	BP2X+, RP2X+, NS2X+	2SLBX	1
14	CA	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #2 - 2-Wire xDSL Loop Zone 2	BP2X+, RP2X+, NS2X+	2SLBX	2
14	CA	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #2 - 2-Wire xDSL Loop Zone 3	BP2X+, RP2X+, NS2X+	2SLBX	3
14	CA	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #2 - 2-Wire xDSL Loop Statewide	BP2X+, RP2X+, NS2X+	2SLBX	
14	CA	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #3 - 2-Wire xDSL Loop Zone 1	BP3A+, RP3A+, NS3A+	2SLCX	1
14	CA	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #3 - 2-Wire xDSL Loop Zone 2	BP3A+, RP3A+, NS3A+	2SLCX	2
14	CA	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #3 - 2-Wire xDSL Loop Zone 3	BP3A+, RP3A+, NS3A+	2SLCX	3
14	CA	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #3 - 2-Wire xDSL Loop Statewide	BP3A+, RP3A+, NS3A+	2SLCX	
14	CA	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #4 - 2-Wire xDSL Loop Zone 1	BP4X+, RP4X+, NS4X+	2SLDX	1

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
14	CA	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #4 - 2-Wire xDSL Loop Zone 2	BP4X+, RP4X+, NS4X+	2SLDX	2
14	CA	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #4 - 2-Wire xDSL Loop Zone 3	BP4X+, RP4X+, NS4X+	2SLDX	3
14	CA	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #4 - 2-Wire xDSL Loop Statewide	BP4X+, RP4X+, NS4X+	2SLDX	
14	CA	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #5 - 2-Wire xDSL Loop Zone 1	BP5X+, RP5X+, NS5X+	U2F	1
14	CA	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #5 - 2-Wire xDSL Loop Zone 2	BP5X+, RP5X+, NS5X+	U2F	2
14	CA	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #5 - 2-Wire xDSL Loop Zone 3	BP5X+, RP5X+, NS5X+	U2F	3
14	CA	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #5 - 2-Wire xDSL Loop Statewide	BP5X+, RP5X+, NS5X+	U2F	
14	CA	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #7 - 2-Wire xDSL Loop Zone 1	BP5X+, RP5X+, NS5X+	2SLFX	1
14	CA	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #7 - 2-Wire xDSL Loop Zone 2	BP5X+, RP5X+, NS5X+	2SLFX	2
14	CA	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #7 - 2-Wire xDSL Loop Zone 3	BP5X+, RP5X+, NS5X+	2SLFX	3
14	CA	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #7 - 2-Wire xDSL Loop Statewide	BP5X+, RP5X+, NS5X+	2SLFX	
14	CA	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #3 - 4-Wire xDSL Loop Zone 1	BP3B+, RP3B+, NS3B+	4SL1X	1
14	CA	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #3 - 4-Wire xDSL Loop Zone 2	BP3B+, RP3B+, NS3B+	4SL1X	2
14	CA	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #3 - 4-Wire xDSL Loop Zone 3	BP3B+, RP3B+, NS3B+	4SL1X	3
14	CA	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #3 - 4-Wire xDSL Loop Statewide	BP3B+, RP3B+, NS3B+	4SL1X	
14	CA	UNBUNDLED EXCHANGE ACCESS LOOP	LST performed on CODSLAM Loop	BP1A+, RP1A+, NS1A+, BP1B+, RP1B+, NS1B+, BP2X+, RP2X+, NS2X, BP3A+, RP3A+, NS3A+, BP3B+, RP3B+, NS3B+, BP4X+, RP4X+, NS4X+, BP5X+, RP5X+, NS5X+, BP7X+, RP7X+, NS7X+	URCLD	
13MR-SL	CA	SUB-LOOPS	LST performed on Sub Loop	BP1A+, RP1A+, NS1A+, BP1B+, RP1B+, NS1B+, BP2X+, RP2X+, NS2X, BP3A+, RP3A+, NS3A+, BP3B+, RP3B+, NS3B+, BP4X+, RP4X+, NS4X+, BP5X+, RP5X+, NS5X+, BP7X+, RP7X+, NS7X+	URCLB	
14	CA	LOOP MODIFICATION	Loop Qualification Process - Mechanized	BP1A+, RP1A+, NS1A+, BP1B+, RP1B+, NS1B+, BP2X+, RP2X+, NS2X, BP3A+, RP3A+, NS3A+, BP3B+, RP3B+, NS3B+, BP4X+, RP4X+, NS4X+, BP5X+, RP5X+, NS5X+, BP7X+, RP7X+, NS7X+	NR98U	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
14	CA	LOOP MODIFICATION	Loop Qualification Process - Manual	BP1A+, RP1A+, NS1A+, BP1B+, RP1B+, NS1B+, BP2X+, RP2X+, NS2X, BP3A+, RP3A+, NS3A+, BP3B+, RP3B+, NS3B+, BP4X+, RP4X+, NS4X+, BP5X+, RP5X+, NS5X+, BP7X+, RP7X+, NS7X+	NRBXU	
14	CA	LOOP MODIFICATION	DSL Conditioning Options - Removal of Repeaters	BP1A+, RP1A+, NS1A+, BP1B+, RP1B+, NS1B+, BP2X+, RP2X+, NS2X, BP3A+, RP3A+, NS3A+, BP3B+, RP3B+, NS3B+, BP4X+, RP4X+, NS4X+, BP5X+, RP5X+, NS5X+, BP7X+, RP7X+, NS7X+	NRBXV	
14	CA	LOOP MODIFICATION	DSL Conditioning Options - Incremental Removal of Repeater (> than 17.5 Kft. same location/same cable)	BP1A+, RP1A+, NS1A+, BP1B+, RP1B+, NS1B+, BP2X+, RP2X+, NS2X, BP3A+, RP3A+, NS3A+, BP3B+, RP3B+, NS3B+, BP4X+, RP4X+, NS4X+, BP5X+, RP5X+, NS5X+, BP7X+, RP7X+, NS7X+	NRBNL	
14	CA	LOOP MODIFICATION	DSL Conditioning Options - Incremental Additional Removal of Repeater (> than 17.5 Kft. same location/different cable)	BP1A+, RP1A+, NS1A+, BP1B+, RP1B+, NS1B+, BP2X+, RP2X+, NS2X, BP3A+, RP3A+, NS3A+, BP3B+, RP3B+, NS3B+, BP4X+, RP4X+, NS4X+, BP5X+, RP5X+, NS5X+, BP7X+, RP7X+, NS7X+	NRBNP	
14	CA	LOOP MODIFICATION	DSL Conditioning Options - Removal of Bridged Taps and Repeaters	BP1A+, RP1A+, NS1A+, BP1B+, RP1B+, NS1B+, BP2X+, RP2X+, NS2X, BP3A+, RP3A+, NS3A+, BP3B+, RP3B+, NS3B+, BP4X+, RP4X+, NS4X+, BP5X+, RP5X+, NS5X+, BP7X+, RP7X+, NS7X+	NRBXH	
14	CA	LOOP MODIFICATION	DSL Conditioning Options - Incremental Removal of Bridged Taps and Repeaters (> than 17.5Kft. Same location/same cable)	BP1A+, RP1A+, NS1A+, BP1B+, RP1B+, NS1B+, BP2X+, RP2X+, NS2X, BP3A+, RP3A+, NS3A+, BP3B+, RP3B+, NS3B+, BP4X+, RP4X+, NS4X+, BP5X+, RP5X+, NS5X+, BP7X+, RP7X+, NS7X+	NRBTv	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
14	CA	LOOP MODIFICATION	DSL Conditioning Options - Incremental Additional Removal of Bridged Taps and Repeaters (> than 17.5K same location/different cable)	BP1A+, RP1A+, NS1A+, BP1B+, RP1B+, NS1B+, BP2X+, RP2X+, NS2X, BP3A+, RP3A+, NS3A+, BP3B+, RP3B+, NS3B+, BP4X+, RP4X+, NS4X+, BP5X+, RP5X+, NS5X+, BP7X+, RP7X+, NS7X+	NRBTW	
14	CA	LOOP MODIFICATION	DSL Conditioning Options - Removal of Bridged Taps	BP1A+, RP1A+, NS1A+, BP1B+, RP1B+, NS1B+, BP2X+, RP2X+, NS2X, BP3A+, RP3A+, NS3A+, BP3B+, RP3B+, NS3B+, BP4X+, RP4X+, NS4X+, BP5X+, RP5X+, NS5X+, BP7X+, RP7X+, NS7X+	NRBXW	
14	CA	LOOP MODIFICATION	DSL Conditioning Options - Incremental Removal of BRIdged Tap (> than 17.5 Kft. same location/same cable)	BP1A+, RP1A+, NS1A+, BP1B+, RP1B+, NS1B+, BP2X+, RP2X+, NS2X, BP3A+, RP3A+, NS3A+, BP3B+, RP3B+, NS3B+, BP4X+, RP4X+, NS4X+, BP5X+, RP5X+, NS5X+, BP7X+, RP7X+, NS7X+	NRBNK	
14	CA	LOOP MODIFICATION	DSL Conditioning Options - Incremental Additional Removal of BRIdged Tap (> than 17.5 Kft. same location/different cable)	BP1A+, RP1A+, NS1A+, BP1B+, RP1B+, NS1B+, BP2X+, RP2X+, NS2X, BP3A+, RP3A+, NS3A+, BP3B+, RP3B+, NS3B+, BP4X+, RP4X+, NS4X+, BP5X+, RP5X+, NS5X+, BP7X+, RP7X+, NS7X+	NRBNN	
14	CA	LOOP MODIFICATION	DSL Conditioning Options - Removal of Bridged Taps and Load Coils	BP1A+, RP1A+, NS1A+, BP1B+, RP1B+, NS1B+, BP2X+, RP2X+, NS2X, BP3A+, RP3A+, NS3A+, BP3B+, RP3B+, NS3B+, BP4X+, RP4X+, NS4X+, BP5X+, RP5X+, NS5X+, BP7X+, RP7X+, NS7X+	NRBXF	
14	CA	LOOP MODIFICATION	DSL Conditioning Options - Incremental Removal of Load Coil & Bridge Tap (> than 17.5 Kft. same location/same cable)	BP1A+, RP1A+, NS1A+, BP1B+, RP1B+, NS1B+, BP2X+, RP2X+, NS2X, BP3A+, RP3A+, NS3A+, BP3B+, RP3B+, NS3B+, BP4X+, RP4X+, NS4X+, BP5X+, RP5X+, NS5X+, BP7X+, RP7X+, NS7X+	NRBM8	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
14	CA	LOOP MODIFICATION	DSL Conditioning Options - Incremental Additional Removal of Load Coil & Bridge Tap (> 17.5Kft. Same location/different cable)	BP1A+, RP1A+, NS1A+, BP1B+, RP1B+, NS1B+, BP2X+, RP2X+, NS2X, BP3A+, RP3A+, NS3A+, BP3B+, RP3B+, NS3B+, BP4X+, RP4X+, NS4X+, BP5X+, RP5X+, NS5X+, BP7X+, RP7X+, NS7X+	NRBM9	
14	CA	LOOP MODIFICATION	DSL Conditioning Options - Removal of Load Coils	BP1A+, RP1A+, NS1A+, BP1B+, RP1B+, NS1B+, BP2X+, RP2X+, NS2X, BP3A+, RP3A+, NS3A+, BP3B+, RP3B+, NS3B+, BP4X+, RP4X+, NS4X+, BP5X+, RP5X+, NS5X+, BP7X+, RP7X+, NS7X+	NRBXZ	
14	CA	LOOP MODIFICATION	DSL Conditioning Options - Incremental Removal of Load Coil (> than 17.5 Kft. same location/same cable)	BP1A+, RP1A+, NS1A+, BP1B+, RP1B+, NS1B+, BP2X+, RP2X+, NS2X, BP3A+, RP3A+, NS3A+, BP3B+, RP3B+, NS3B+, BP4X+, RP4X+, NS4X+, BP5X+, RP5X+, NS5X+, BP7X+, RP7X+, NS7X+	NRBNJ	
14	CA	LOOP MODIFICATION	DSL Conditioning Options - Incremental Additional Removal of Load Coil (> than 17.5 Kft. same location/different cable)	BP1A+, RP1A+, NS1A+, BP1B+, RP1B+, NS1B+, BP2X+, RP2X+, NS2X, BP3A+, RP3A+, NS3A+, BP3B+, RP3B+, NS3B+, BP4X+, RP4X+, NS4X+, BP5X+, RP5X+, NS5X+, BP7X+, RP7X+, NS7X+	NRBNH	
14	CA	LOOP MODIFICATION	Removal of non-excessive Bridged tap DSL loops >0Kft. And <17.5Kft.		NRMRJ	
14	CA	LOOP MODIFICATION	Removal of All Bridged Tap DSL Loops 12Kft. To 17.5Kft.		NRMRP	
14	CA	LOOP MODIFICATION	Removal of non-excessive Bridged tap DSL loops >17.5Kft DSL Loops - per element incremental		NRMRS	
14	CA	LOOP MODIFICATION	Removal of All Bridged Tap DSL loops >17.5Kft. - per element incremental		NRMRM	
13MR-SL	CA	SUB-LOOPS	ECS to SAI sub-loop - 2-Wire Analog		U6LSA	
13MR-SL	CA	SUB-LOOPS	ECS to SAI sub-loop - 4-Wire Analog		U6LSA	
13MR-SL	CA	SUB-LOOPS	ECS to SAI sub-loop - 2-Wire DSL		U6LSA	
13MR-SL	CA	SUB-LOOPS	ECS to SAI sub-loop - 4-Wire DSL		U6LSA	
13MR-SL	CA	SUB-LOOPS	ECS to Terminal sub-loop - 2-Wire Analog		U6LSB	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13MR-SL	CA	SUB-LOOPS	ECS to Terminal sub-loop - 4-Wire Analog		U6LSB	
13MR-SL	CA	SUB-LOOPS	ECS to Terminal sub-loop - 2-Wire DSL		U6LSB	
13MR-SL	CA	SUB-LOOPS	ECS to Terminal sub-loop - 4-Wire DSL		U6LSB	
13MR-SL	CA	SUB-LOOPS	ECS to NID sub-loop - 2-Wire Analog		U6LSC	
13MR-SL	CA	SUB-LOOPS	ECS to NID sub-loop - 4-Wire Analog		U6LSC	
13MR-SL	CA	SUB-LOOPS	ECS to NID sub-loop - 2-Wire DSL		U6LSC	
13MR-SL	CA	SUB-LOOPS	ECS to NID sub-loop - 4-Wire DSL		U6LSC	
13MR-SL	CA	SUB-LOOPS	SAI to Terminal sub-loop - 2-Wire Analog		U6LSS	
13MR-SL	CA	SUB-LOOPS	SAI to Terminal sub-loop - 4-Wire Analog		U6LSS	
13MR-SL	CA	SUB-LOOPS	SAI to Terminal sub-loop - 2-Wire DSL		U6LSS	
13MR-SL	CA	SUB-LOOPS	SAI to Terminal sub-loop - 4-Wire DSL		U6LSS	
13MR-SL	CA	SUB-LOOPS	SAI to NID sub-loop - 2-Wire Analog		U6LST	
13MR-SL	CA	SUB-LOOPS	SAI to NID sub-loop - 4-Wire Analog		U6LST	
13MR-SL	CA	SUB-LOOPS	SAI to NID sub-loop - 2-Wire DSL		U6LST	
13MR-SL	CA	SUB-LOOPS	SAI to NID sub-loop - 4-Wire DSL		U6LST	
13MR-SL	CA	SUB-LOOPS	Terminal to NID sub-loop - 2-Wire Analog		U6LSU	
13MR-SL	CA	SUB-LOOPS	Terminal to NID sub-loop - 4-Wire Analog		U6LSU	
13MR-SL	CA	SUB-LOOPS	Terminal to NID sub-loop - 2-Wire DSL		U6LSU	
13MR-SL	CA	SUB-LOOPS	Terminal to NID sub-loop - 4-Wire DSL		U6LSU	
13MR-SL	CA	SUB-LOOPS	2-Wire DSL Suboop - Simple - Crossconnects, per line - (MANUAL/FAX)		UCSC1	
13MR-SL	CA	SUB-LOOPS	2-Wire DSL Suboop - Simple - Crossconnects, per line - (CESAR/LEX))		UCSC2	
13MR-SL	CA	SUB-LOOPS	2-Wire DSL Suboop - Simple - Crossconnects, per line - (MECHANIZED)		UCSC3	
13MR-SL	CA	SUB-LOOPS	2-Wire DSL Suboop - Complex - Crossconnects, per line - (MANUAL/FAX)		UCSC4	
13MR-SL	CA	SUB-LOOPS	2-Wire DSL Suboop - Complex - Crossconnects, per line - (CESAR/LEX))		UCSC5	
13MR-SL	CA	SUB-LOOPS	2-Wire DSL Suboop - Complex - Crossconnects, per line - (MECHANIZED)		UCSC6	
13MR-SL	CA	SUB-LOOPS	2-Wire Analog Suboop - Simple - Crossconnects, per line - (MANUAL/FAX)		UCSC1	
13MR-SL	CA	SUB-LOOPS	2-Wire Analog Suboop - Simple - Crossconnects, per line - (CESAR/LEX))		UCSC2	
13MR-SL	CA	SUB-LOOPS	2-Wire Analog Suboop - Simple - Crossconnects, per line - (MECHANIZED)		UCSC3	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13MR-SL	CA	SUB-LOOPS	2-Wire Analog Suboop - Complex - Crossconnects, per line - (MANUAL/FAX)		UCSC4	
13MR-SL	CA	SUB-LOOPS	2-Wire Analog Suboop - Complex - Crossconnects, per line - (CESAR/LEX))		UCSC5	
13MR-SL	CA	SUB-LOOPS	2-Wire Analog Suboop - Complex - Crossconnects, per line - (MECHANIZED)		UCSC6	
13MR-SL	CA	SUB-LOOPS	2-Wire ISDN Suboop - Simple - Crossconnects, per line - (MANUAL/FAX)		UCSC1	
13MR-SL	CA	SUB-LOOPS	2-Wire ISDN Suboop - Simple - Crossconnects, per line - (CESAR/LEX))		UCSC2	
13MR-SL	CA	SUB-LOOPS	2-Wire ISDN Suboop - Simple - Crossconnects, per line - (MECHANIZED)		UCSC3	
13MR-SL	CA	SUB-LOOPS	2-Wire ISDN Suboop - Complex - Crossconnects, per line - (MANUAL/FAX)		UCSC4	
13MR-SL	CA	SUB-LOOPS	2-Wire ISDN Suboop - Complex - Crossconnects, per line - (CESAR/LEX))		UCSC5	
13MR-SL	CA	SUB-LOOPS	2-Wire ISDN Suboop - Complex - Crossconnects, per line - (MECHANIZED)		UCSC6	
13MR-SL	CA	SUB-LOOPS	4-Wire DSL Suboop - Simple - Crossconnects, per line - (MANUAL/FAX)		UCNC1	
13MR-SL	CA	SUB-LOOPS	4-Wire DSL Suboop - Simple - Crossconnects, per line - (CESAR/LEX))		UCNC2	
13MR-SL	CA	SUB-LOOPS	4-Wire DSL Suboop - Simple - Crossconnects, per line - (MECHANIZED)		UCNC3	
13MR-SL	CA	SUB-LOOPS	4-Wire DSL Subloop - Complex - Crossconnects, per line - (MANUAL/FAX)		UCNC4	
13MR-SL	CA	SUB-LOOPS	4-Wire DSL Subloop - Complex - Crossconnects, per line - (CESAR/LEX))		UCNC5	
13MR-SL	CA	SUB-LOOPS	4-Wire DSL Subloop - Complex - Crossconnects, per line - (MECHANIZED)		UCNC6	
13MR-SL	CA	SUB-LOOPS	4-Wire Analog Subloop - Simple - Crossconnects, per line - (MANUAL/FAX)		UCNC1	
13MR-SL	CA	SUB-LOOPS	4-Wire Analog Subloop - Simple - Crossconnects, per line - (CESAR/LEX))		UCNC2	
13MR-SL	CA	SUB-LOOPS	4-Wire Analog Subloop - Simple - Crossconnects, per line - (MECHANIZED)		UCNC3	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13MR-SL	CA	SUB-LOOPS	4-Wire Analog Subloop - Complex - Crossconnects, per line - (MANUAL/FAX)		UCNC4	
13MR-SL	CA	SUB-LOOPS	4-Wire Analog Subloop - Complex - Crossconnects, per line - (CESAR/LEX))		UCNC5	
13MR-SL	CA	SUB-LOOPS	4-Wire Analog Subloop - Complex - Crossconnects, per line - (MECHANIZED)		UCNC6	
13MR-SL	CA	SUB-LOOPS	DS1 Copper Subloop - Simple - Crossconnects, per line - (MANUAL/FAX)		UCNC1	
13MR-SL	CA	SUB-LOOPS	DS1 Copper Subloop - Simple - Crossconnects, per line - (CESAR/LEX))		UCNC2	
13MR-SL	CA	SUB-LOOPS	DS1 Copper Subloop - Simple - Crossconnects, per line - (MECHANIZED)		UCNC3	
13MR-SL	CA	SUB-LOOPS	DS1 Copper Subloop - Complex - Crossconnects, per line - (MANUAL/FAX)		UCNC4	
13MR-SL	CA	SUB-LOOPS	DS1 Copper Subloop - Complex - Crossconnects, per line - (CESAR/LEX))		UCNC5	
13MR-SL	CA	SUB-LOOPS	DS1 Copper Subloop - Complex - Crossconnects, per line - (MECHANIZED)		UCNC6	
13MR-SL	CA	SUB-LOOPS	DS1 Fiber Subloop - Simple - Crossconnects, per line - (MANUAL/FAX)		UCNC1	
13MR-SL	CA	SUB-LOOPS	DS1 Fiber Subloop - Simple - Crossconnects, per line - (CESAR/LEX))		UCNC2	
13MR-SL	CA	SUB-LOOPS	DS1 Fiber Subloop - Simple - Crossconnects, per line - (MECHANIZED)		UCNC3	
13MR-SL	CA	SUB-LOOPS	DS1 Fiber Subloop - Complex - Crossconnects, per line - (MANUAL/FAX)		UCNC4	
13MR-SL	CA	SUB-LOOPS	DS1 Fiber Subloop - Complex - Crossconnects, per line - (CESAR/LEX))		UCNC5	
13MR-SL	CA	SUB-LOOPS	DS1 Fiber Subloop - Complex - Crossconnects, per line - (MECHANIZED)		UCNC6	
13MR-SL	CA	SUB-LOOPS	DS3 SubLoop - Simple - Crossconnects, per line - (MANUAL/FAX)		UCNC1	
13MR-SL	CA	SUB-LOOPS	DS3 SubLoop - Simple - Crossconnects, per line - (CESAR/LEX))		UCNC2	
13MR-SL	CA	SUB-LOOPS	DS3 SubLoop - Simple - Crossconnects, per line - (MECHANIZED)		UCNC3	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13MR-SL	CA	SUB-LOOPS	DS3 Subloop - Complex - Crossconnects, per line - (MANUAL/FAX)		UCNC4	
13MR-SL	CA	SUB-LOOPS	DS3 Subloop - Complex - Crossconnects, per line - (CESAR/LEX)		UCNC5	
13MR-SL	CA	SUB-LOOPS	DS3 Subloop - Complex - Crossconnects, per line - (MECHANIZED)		UCNC6	
13	CA	UNBUNDLED DEDICATED TRANSPORT	Interoffice Transport DS-1 Fixed Mileage (OANAD Terminology - Dedicated Transport Fixed Mileage)	CT1++, EE7M+	1L5UB	
13	CA	UNBUNDLED DEDICATED TRANSPORT	Interoffice Transport DS-1 Variable Mileage (OANAD Terminology - Dedicated Transport Variable Mileage per mile)			
13	CA	UNBUNDLED DEDICATED TRANSPORT	Interoffice Transport DS-3 Fixed Mileage (OANAD Terminology - Dedicated Transport DS-3 Fixed Mileage)	CT3++, EE7P+, EE7Q+	1L5UB	
13	CA	UNBUNDLED DEDICATED TRANSPORT	Interoffice Transport DS-3 Variable Mileage (OANAD Terminology - Dedicated Transport DS-3 Variable Mileage per mile)			
13	CA	UNBUNDLED DEDICATED TRANSPORT	MULTIPLEXING - DS-1/DS-0 MUX (OANAD Terminology - DS0/DS1)	CT1++, EE7M+	MQ1UB	
13	CA	UNBUNDLED DEDICATED TRANSPORT	MULTIPLEXING - DS-3/DS-1 MUX (OANAD Terminology - DS1/DS3)	CT3++, EE7P+, EE7Q+	MQ3UB	
13	CA	UNBUNDLED DEDICATED TRANSPORT	Dark Fiber -Interoffice per strand	ULC++	ULY4X	
13	CA	UNBUNDLED DEDICATED TRANSPORT	Dark Fiber - Interoffice per foot	ULC++	ULJAA	
13	CA	UNBUNDLED DEDICATED TRANSPORT	Dark Fiber - Interoffice per foot	ULC++	ULJAB	
13	CA	UNBUNDLED DEDICATED TRANSPORT	Dark Fiber Cross Connect - Interoffice	ULC++	UKCJX	
13	CA	UNBUNDLED DEDICATED TRANSPORT	Dark Fiber - Interoffice Inquiry	ULC++	NR9D6	
13	CA	LOOP MODIFICATION	Routine Modifications to Existing Facilities	EE7T+, EE7U+, EE71+, EE72+, EE73+, EE75+, EE76+, EE77+, EE78+, EE79+, EE7X+, EE7Y+, EE7Z+, EE74+, EE9E+, EE9F+, BDL++, EE7M+, ULUC+, EE7P+, EE7Q+, CT1++, EE7M+, CT3++, EE7P+, EE7Q+	N3RUE	
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Expanded Interconnection Service Cross Connect (EISCC) - Voice Grade/ISDN - EISCC		CCDSO	
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Expanded Interconnection Service Cross Connect (EISCC) - Voice Grade/ISDN - EISCC		AEE1S	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Expanded Interconnection Service Cross Connect (EISCC) - Voice Grade/ISDN - Jack Panel		CCJAP	
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Expanded Interconnection Service Cross Connect (EISCC) - DS0 - EISCC		C2CB4	
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Expanded Interconnection Service Cross Connect (EISCC) - DS0 - Jack Panel		CCJAP	
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Expanded Interconnection Service Cross Connect (EISCC) - DS1 - EISCC		CDS1U	
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Expanded Interconnection Service Cross Connect (EISCC) - DS1 - Jack Panel		CDS1U	
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Expanded Interconnection Service Cross Connect (EISCC) - DS1 - Repeater		CCJAP	
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Expanded Interconnection Service Cross Connect (EISCC) - DS3 - EISCC		CDS3U	
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Expanded Interconnection Service Cross Connect (EISCC) - DS3 - Jack Panel		CCJAP	
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Expanded Interconnection Service Cross Connect (EISCC) - DS3 - Repeater			
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Cross Connect - Connect - EISCC - DS0 - Initial (CESAR/LEX - Simple)		XOX15	
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Cross Connect - Connect - EISCC - DS0 - Initial (CESAR/LEX - Simple)		HOX15	
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Cross Connect - Connect - EISCC - DS0 - Initial (Mechanized)		MOX15	
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Cross Connect - Connect - EISCC - DS1 - Initial (CESAR/LEX - Simple)			
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Cross Connect - Connect - EISCC - DS1 - Initial (Mechanized)			
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Cross Connect - Connect - EISCC - DS3 - Initial (CESAR/LEX - Simple)		CDS3S	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Cross Connect - Connect - EISCC - DS3 - Initial (CESAR/LEX - Simple)		HOX82	
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Cross Connect - Connect - EISCC - DS3 - Initial (Mechanized)		MOX82	
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Cross Connect - Connect - Unbundled Service Cross Connect (DS0) - Initial (CESAR/LEX - Simple)	RCL++, L3X++, L4X++, L5X++, L6X++, L7X++, L8X++, L9X++, LAX++, LBX++, LCX++, LWX++, L2X++, L32++, L33++, L36++, B1L++, R1L++, BXL+, BNL++, BP1A+, RP1A+, NS1A+, BP1B+, RP1B+, NS1B+, BP2X+, RP2X+, NS2X+, BP3A+, RP3A+, NS3A+, BP4X+, RP4X+, NS4X+, BP5X+, RP5X+, NS5X+, BP7X+, RP7X+, NS7X+, BP3B+, RP3B+, NS3B+, L56++	XOX50	
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Cross Connect - Connect - Unbundled Service Cross Connect (DS0) - Initial (CESAR/LEX - Simple)	RCL++, L3X++, L4X++, L5X++, L6X++, L7X++, L8X++, L9X++, LAX++, LBX++, LCX++, LWX++, L2X++, L32++, L33++, L36++, B1L++, R1L++, BXL+, BNL++, BP1A+, RP1A+, NS1A+, BP1B+, RP1B+, NS1B+, BP2X+, RP2X+, NS2X+, BP3A+, RP3A+, NS3A+, BP4X+, RP4X+, NS4X+, BP5X+, RP5X+, NS5X+, BP7X+, RP7X+, NS7X+, BP3B+, RP3B+, NS3B+, L56++	HOX50	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Connect - Unbundled Service Cross Connect (DS0) - Initial (Mechanized)	RCL++, L3X++, L4X++, L5X++, L6X++, L7X++, L8X++, L9X++, LAX++, LBX++, LCX++, LWX++, L2X++, L32++, L33++, L36++, B1L++, R1L++, BXL+, BNL++, BP1A+, RP1A+, NS1A+, BP1B+, RP1B+, NS1B+, BP2X+, RP2X+, NS2X+, BP3A+, RP3A+, NS3A+, BP4X+, RP4X+, NS4X+, BP5X+, RP5X+, NS5X+, BP7X+, RP7X+, NS7X+, BP3B+, RP3B+, NS3B+, L56++	MOX50	
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Cross Connect - Disconnect - EISCC - DS0 - Initial (CESAR/LEX - Simple)		XOX18	
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Cross Connect - Disconnect - EISCC - DS0 - Initial (CESAR/LEX - Simple)		HOX18	
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Cross Connect - Disconnect - EISCC - DS0 - Initial (Mechanized)		MOX18	
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Cross Connect - Disconnect - EISCC - DS1 - Initial (CESAR/LEX - Simple)			
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Cross Connect - Disconnect - EISCC - DS1 - Initial (Mechanized)			
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Cross Connect - Disconnect - EISCC - DS3 - Initial (CESAR/LEX - Simple)		CDS3D	
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Cross Connect - Disconnect - EISCC - DS3 - Initial (CESAR/LEX - Simple)		HOX96	
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Cross Connect - Disconnect - EISCC - DS3 - Initial (Mechanized)		MOX96	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Disconnect - Unbundled Service Cross Connect (DS0) - Initial (CESAR/LEX - Simple)	RCL++, L3X++, L4X++, L5X++, L6X++, L7X++, L8X++, L9X++, LAX++, LBX++, LCX++, LWX++, L2X++, L32++, L33++, L36++, B1L++, R1L++, BXL+, BNL++, BP1A+, RP1A+, NS1A+, BP1B+, RP1B+, NS1B, BP2X+, RP2X+, NS2X+, BP3A+, RP3A+, NS3A+, BP4X+, RP4X+, NS4X+, BP5X+, RP5X+, NS5X+, BP7X+, RP7X+, NS7X+, BP3B+, RP3B+, NS3B+, L56++	XOX52	
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Disconnect - Unbundled Service Cross Connect (DS0) - Initial (CESAR/LEX - Simple)	RCL++, L3X++, L4X++, L5X++, L6X++, L7X++, L8X++, L9X++, LAX++, LBX++, LCX++, LWX++, L2X++, L32++, L33++, L36++, B1L++, R1L++, BXL+, BNL++, BP1A+, RP1A+, NS1A+, BP1B+, RP1B+, NS1B, BP2X+, RP2X+, NS2X+, BP3A+, RP3A+, NS3A+, BP4X+, RP4X+, NS4X+, BP5X+, RP5X+, NS5X+, BP7X+, RP7X+, NS7X+, BP3B+, RP3B+, NS3B+, L56++	HOX52	
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Disconnect - Unbundled Service Cross Connect (DS0) - Initial (Mechanized)	RCL++, L3X++, L4X++, L5X++, L6X++, L7X++, L8X++, L9X++, LAX++, LBX++, LCX++, LWX++, L2X++, L32++, L33++, L36++, B1L++, R1L++, BXL+, BNL++, BP1A+, RP1A+, NS1A+, BP1B+, RP1B+, NS1B, BP2X+, RP2X+, NS2X+, BP3A+, RP3A+, NS3A+, BP4X+, RP4X+, NS4X+, BP5X+, RP5X+, NS5X+, BP7X+, RP7X+, NS7X+, BP3B+, RP3B+, NS3B+, L56++	MOX52	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Cross Connect - Change - EISCC - DS0 - Initial (CESAR/LEX - Simple)			
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Cross Connect - Change - EISCC - DS0 - Initial (Mechanized)			
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Cross Connect - Change - EISCC - DS1 - Initial (CESAR/LEX - Simple)			
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Cross Connect - Change - EISCC - DS1 - Initial (Mechanized)			
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Cross Connect - Change - EISCC - DS3 - Initial (CESAR/LEX - Simple)			
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Cross Connect - Change - EISCC - DS3 - Initial (Mechanized)			
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Change - Unbundled Service Cross Connect (DS0) - Initial (CESAR/LEX - Simple)			
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Change - Unbundled Service Cross Connect (DS0) - Initial (Mechanized)			
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Cross Connect - Record - EISCC - DS0 - Initial (CESAR/LEX - Simple)			
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Cross Connect - Record - EISCC - DS0 - Initial (Mechanized)			
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Cross Connect - Record - EISCC - DS1 - Initial (CESAR/LEX - Simple)			
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Cross Connect - Record - EISCC - DS1 - Initial (Mechanized)			
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Cross Connect - Record - EISCC - DS3 - Initial (CESAR/LEX - Simple)			
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Cross Connect - Record - EISCC - DS3 - Initial (Mechanized)			

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Record - Unbundled Service Cross Connect (DS0) - Initial (CESAR/LEX - Simple)			
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Record - Unbundled Service Cross Connect (DS0) - Initial (Mechanized)			
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Connect - Multiplexing DS1/DS0 (CESAR/LEX - Simple)	CT1++, EE7M+	MQ1UC	
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Connect - Multiplexing DS1/DS0 (CESAR/LEX - Simple)	CT1++, EE7M+	HOX91	
13	CA	UNBUNDLED DEDICATED TRANSPORT	Non Recurring Service Order/Channel Rates - Connect - Multiplexing DS1/DS0 (Mechanized)			
13	CA	UNBUNDLED DEDICATED TRANSPORT	Non Recurring Service Order/Channel Rates - Connect - Multiplexing DS3/DS1 (CESAR/LEX - Simple)	CT3++, EE7P+, EE7Q+	MQ3UC	
13	CA	UNBUNDLED DEDICATED TRANSPORT	Non Recurring Service Order/Channel Rates - Connect - Multiplexing DS3/DS1 (CESAR/LEX - Simple)	CT3++, EE7P+, EE7Q+	HOX91	
13	CA	UNBUNDLED DEDICATED TRANSPORT	Non Recurring Service Order/Channel Rates - Connect - Multiplexing DS3/DS1 (Mechanized)			
13	CA	UNBUNDLED DEDICATED TRANSPORT	Non Recurring Service Order/Channel Rates - Disconnect - Multiplexing DS1/DS0 (CESAR/LEX - Simple)	CT1++, EE7M+	MQ1UD	
13	CA	UNBUNDLED DEDICATED TRANSPORT	Non Recurring Service Order/Channel Rates - Disconnect - Multiplexing DS1/DS0 (CESAR/LEX - Simple)	CT1++, EE7M+	HOX99	
13	CA	UNBUNDLED DEDICATED TRANSPORT	Non Recurring Service Order/Channel Rates - Disconnect - Multiplexing DS1/DS0 (Mechanized)			
13	CA	UNBUNDLED DEDICATED TRANSPORT	Non Recurring Service Order/Channel Rates - Disconnect - Multiplexing DS3/DS1 (CESAR/LEX - Simple)	CT3++, EE7P+, EE7Q+	MQ3UD	
13	CA	UNBUNDLED DEDICATED TRANSPORT	Non Recurring Service Order/Channel Rates - Disconnect - Multiplexing DS3/DS1 (CESAR/LEX - Simple)	CT3++, EE7P+, EE7Q+	HOX99	
13	CA	UNBUNDLED DEDICATED TRANSPORT	Non Recurring Service Order/Channel Rates - Disconnect - Multiplexing DS3/DS1 (Mechanized)			
13	CA	UNBUNDLED DEDICATED TRANSPORT	Non Recurring Service Order/Channel Rates - Change - Multiplexing DS1/DS0 (CESAR/LEX - Simple)			

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	CA	UNBUNDLED DEDICATED TRANSPORT	Non Recurring Service Order/Channel Rates - Change - Multiplexing DS1/DS0 (Mechanized)			
13	CA	UNBUNDLED DEDICATED TRANSPORT	Non Recurring Service Order/Channel Rates - Change - Multiplexing DS3/DS1 (CESAR/LEX - Simple)			
13	CA	UNBUNDLED DEDICATED TRANSPORT	Non Recurring Service Order/Channel Rates - Change - Multiplexing DS3/DS1 (Mechanized)			
13	CA	UNBUNDLED DEDICATED TRANSPORT	Non Recurring Service Order/Channel Rates - Record - Multiplexing DS1/DS0 (CESAR/LEX - Simple)			
13	CA	UNBUNDLED DEDICATED TRANSPORT	Non Recurring Service Order/Channel Rates - Record - Multiplexing DS1/DS0 (Mechanized)			
13	CA	UNBUNDLED DEDICATED TRANSPORT	Non Recurring Service Order/Channel Rates - Record - Multiplexing DS3/DS1 (CESAR/LEX - Simple)			
13	CA	UNBUNDLED DEDICATED TRANSPORT	Non Recurring Service Order/Channel Rates - Record - Multiplexing DS3/DS1 (Mechanized)			
13	CA	UNBUNDLED DEDICATED TRANSPORT	Non Recurring Service Order/Channel Rates - Interoffice Transmission Facilities - (IOF) Dedicated Transport - Connect - Digital Dedicated Transport DS1 - Initial (Manual/Fax - Complex)	CT1++, EE7M+	HOX88	
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Interoffice Transmission Facilities - (IOF) Dedicated Transport - Connect - Digital Dedicated Transport DS1 - Initial (CESAR/LEX - Complex)	CT1++, EE7M+	1L5UC	
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Interoffice Transmission Facilities - (IOF) Dedicated Transport - Connect - Digital Dedicated Transport DS1 - Initial (Mechanized)	CT1++, EE7M+	MOX88	
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Interoffice Transmission Facilities - (IOF) Dedicated Transport - Connect - Digital Dedicated Transport DS3 - Initial (Manual/Fax - Complex)	CT3++, EE7P+, EE7Q+	HOX88	
13	CA	UNBUNDLED DEDICATED TRANSPORT	Non Recurring Service Order/Channel Rates - Interoffice Transmission Facilities - (IOF) Dedicated Transport - Connect - Digital Dedicated Transport DS3 - Initial (CESAR/LEX Complex)	CT3++, EE7P+, EE7Q+	1L5UC	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	CA	UNBUNDLED DEDICATED TRANSPORT	Non Recurring Service Order/Channel Rates - Interoffice Transmission Facilities - (IOF) Dedicated Transport - Connect - Digital Dedicated Transport DS3 - Initial (Mechanized)	CT3++, EE7P+, EE7Q+	MOX88	
13	CA	UNBUNDLED DEDICATED TRANSPORT	Non Recurring Service Order/Channel Rates - Interoffice Transmission Facilities - (IOF) Dedicated Transport - Disconnect - Digital Dedicated Transport DS1 - Initial (Manual/Fax - Complex)	CT1++, EE7M+	HOX98	
13	CA	UNBUNDLED DEDICATED TRANSPORT	Non Recurring Service Order/Channel Rates - Interoffice Transmission Facilities - (IOF) Dedicated Transport - Disconnect - Digital Dedicated Transport DS1 - Initial (CESAR/LEX - Complex)	CT1++, EE7M+	1L5UD	
13	CA	UNBUNDLED DEDICATED TRANSPORT	Non Recurring Service Order/Channel Rates - Interoffice Transmission Facilities - (IOF) Dedicated Transport - Disconnect - Digital Dedicated Transport DS1 - Initial (Mechanized)	CT1++, EE7M+	MOX98	
13	CA	UNBUNDLED DEDICATED TRANSPORT	Non Recurring Service Order/Channel Rates - Interoffice Transmission Facilities - (IOF) Dedicated Transport - Disconnect - Digital Dedicated Transport DS3 - Initial (Manual/Fax - Complex)	CT3++, EE7P+, EE7Q+	HOX98	
13	CA	UNBUNDLED DEDICATED TRANSPORT	Non Recurring Service Order/Channel Rates - Interoffice Transmission Facilities - (IOF) Dedicated Transport - Disconnect - Digital Dedicated Transport DS3 - Initial (CESAR/LEX Complex)	CT3++, EE7P+, EE7Q+	1L5UD	
13	CA	UNBUNDLED DEDICATED TRANSPORT	Non Recurring Service Order/Channel Rates - Interoffice Transmission Facilities - (IOF) Dedicated Transport - Disconnect - Digital Dedicated Transport DS3 - Initial (Mechanized)	CT3++, EE7P+, EE7Q+	MOX98	
13	CA	UNBUNDLED DEDICATED TRANSPORT	Non Recurring Service Order/Channel Rates - Interoffice Transmission Facilities - (IOF) Dedicated Transport - Change - Digital Dedicated Transport DS1 - Initial (Manual/Fax - Complex)			
13	CA	UNBUNDLED DEDICATED TRANSPORT	Non Recurring Service Order/Channel Rates - Interoffice Transmission Facilities - (IOF) Dedicated Transport - Change - Digital Dedicated Transport DS1 - Initial (CESAR/LEX - Complex)			

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	CA	UNBUNDLED DEDICATED TRANSPORT	Non Recurring Service Order/Channel Rates - Interoffice Transmission Facilities - (IOF) Dedicated Transport - Change - Digital Dedicated Transport DS1 - Initial (Mechanized)			
13	CA	UNBUNDLED DEDICATED TRANSPORT	Non Recurring Service Order/Channel Rates - Interoffice Transmission Facilities - (IOF) Dedicated Transport - Change - Digital Dedicated Transport DS3 - Initial (Manual/Fax - Complex)			
13	CA	UNBUNDLED DEDICATED TRANSPORT	Non Recurring Service Order/Channel Rates - Interoffice Transmission Facilities - (IOF) Dedicated Transport - Change - Digital Dedicated Transport DS3 - Initial (CESAR/LEX Complex)			
13	CA	UNBUNDLED DEDICATED TRANSPORT	Non Recurring Service Order/Channel Rates - Interoffice Transmission Facilities - (IOF) Dedicated Transport - Change - Digital Dedicated Transport DS3 - Initial (Mechanized)			
13	CA	UNBUNDLED DEDICATED TRANSPORT	Non Recurring Service Order/Channel Rates - Interoffice Transmission Facilities - (IOF) Dedicated Transport - Record - Digital Dedicated Transport DS1 - Initial (Manual/Fax - Complex)	CT1++, EE7M+	HOCH3	
13	CA	UNBUNDLED DEDICATED TRANSPORT	Non Recurring Service Order/Channel Rates - Interoffice Transmission Facilities - (IOF) Dedicated Transport - Record - Digital Dedicated Transport DS1 - Initial (CESAR/LEX - Complex)	CT1++, EE7M+	SOCH3	
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Interoffice Transmission Facilities - (IOF) Dedicated Transport - Record - Digital Dedicated Transport DS1 - Initial (Mechanized)			
13	CA	UNBUNDLED DEDICATED TRANSPORT	Non Recurring Service Order/Channel Rates - Interoffice Transmission Facilities - (IOF) Dedicated Transport - Record - Digital Dedicated Transport DS3 - Initial (Manual/Fax - Complex)	CT3++, EE7P+, EE7Q+	HOCH3	
13	CA	UNBUNDLED DEDICATED TRANSPORT	Non Recurring Service Order/Channel Rates - Interoffice Transmission Facilities - (IOF) Dedicated Transport - Record - Digital Dedicated Transport DS3 - Initial (CESAR/LEX Complex)	CT3++, EE7P+, EE7Q+	SOCH3	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	CA	UNBUNDLED DEDICATED TRANSPORT	Non Recurring Service Order/Channel Rates - Interoffice Transmission Facilities - (IOF) Dedicated Transport - Record - Digital Dedicated Transport DS3 - Initial (Mechanized)			
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Link - Connect - 4-Wire - Initial (Manual/Fax - Complex)	EE71+, EE72+, EE73+, EE75+, EE76+, EE77+, EE78+, EE79+, EE7X+, EE7Y+, EE7Z+, EE74+, LAX++, LBX++, LCX++, LWX++, L1X++, L2X++, L3X++, L32++, L33++, L36++, L4X++, L5X++, L56++, L6X++, L7X++, L8X++, L9X++	HOX55	
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Link - Connect - 4-Wire - Initial (CESAR/LEX - Complex)	EE71+, EE72+, EE73+, EE75+, EE76+, EE77+, EE78+, EE79+, EE7X+, EE7Y+, EE7Z+, EE74+, LAX++, LBX++, LCX++, LWX++, L1X++, L2X++, L3X++, L32++, L33++, L36++, L4X++, L5X++, L56++, L6X++, L7X++, L8X++, L9X++	XOX55	
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Link - Connect - 4-Wire - Initial (Mechanized)			
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Link - Connect - Assured - Initial (Manual/Fax - Simple)	EE7T+, EE7U+, BCL++, RCL++, L3X++, L4X++, L5X++, L6X++, L7X++, L8X++, L9X++, LAX++, LBX++, LCX++, LWX++, L1X++, L2X++, L32++, L33++, L36++	HOX12	
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Link - Connect - Assured - Initial (CESAR/LEX - Simple)	EE7T+, EE7U+, BCL++, RCL++, L3X++, L4X++, L5X++, L6X++, L7X++, L8X++, L9X++, LAX++, LBX++, LCX++, LWX++, L1X++, L2X++, L32++, L33++, L36++	XOX12	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Link - Connect - Assured - Initial (Mechanized)	EE7T+, EE7U+, BCL++, RCL++,L3X++, L4X++, L5X++, L6X++, L7X++, L8X++, L9X++, LAX++, LBX++, LCX++, LWX++, L1X++, L2X++, L32++, L33++, L36++	MOX12	
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Link - Connect - Basic - Initial (Manual/Fax - Simple)	EE7T+, EE7U+, BCL++, RCL++,L3X++, L4X++, L5X++, L6X++, L7X++, L8X++, L9X++, LAX++, LBX++, LCX++, LWX++, L1X++, L2X++, L32++, L33++, L36++	HOX08	
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Link - Connect - Basic - Initial (CESAR/LEX - Simple)	EE7T+, EE7U+, BCL++, RCL++,L3X++, L4X++, L5X++, L6X++, L7X++, L8X++, L9X++, LAX++, LBX++, LCX++, LWX++, L1X++, L2X++, L32++, L33++, L36++	XOX08	
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Link - Connect - Basic - Initial (Mechanized)	EE7T+, EE7U+, BCL++, RCL++,L3X++, L4X++, L5X++, L6X++, L7X++, L8X++, L9X++, LAX++, LBX++, LCX++, LWX++, L1X++, L2X++, L32++, L33++, L36++	MOX08	
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Link - Connect - Digital DS1 Copper - Initial (Manual/Fax - Complex)	BDL++, EE7M+	HOX32	
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Link - Connect - Digital DS1 Copper - Initial (CESAR/LEX - Complex)	BDL++, EE7M+	XOX32	
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Link - Connect - Digital DS1 Copper - Initial (Mechanized)	BDL++, EE7M+	MOX32	
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Link - Connect - Digital DS1 Fiber - Initial (Manual/Fax - Complex)			

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Link - Connect - Digital DS1 Fiber - Initial (CESAR/LEX - Complex)			
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Link - Connect - Digital DS1 Fiber - Initial (Mechanized)			
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Link - Connect - ISDN Link - Initial (Manual/Fax - Complex)	EE9E+, EE9F+, B1L++, R1L++	HOX32	
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Link - Connect - ISDN Link - Initial (CESAR/LEX - Complex)	EE9E+, EE9F+, B1L++, R1L++	XOX32	
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Link - Connect - ISDN Link - Initial (Mechanized)	EE9E+, EE9F+, B1L++, R1L++	MOX32	
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Link - Connect - PBX Link - Initial (Manual/Fax - Complex)	EE7W+, BXL++	HOXO8	
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Link - Connect - PBX Link - Initial (CESAR/LEX - Complex)	EE7W+, BXL++	XOXO8	
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Link - Connect - PBX Link - Initial (Mechanized)	EE7W+, BXL++	MOXO8	
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Link - Connect - Coin Link - Initial (Manual/Fax - Complex)	EE7V+, BNL++	HOXO8	
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Link - Connect - Coin Link - Initial (CESAR/LEX - Complex)	EE7V+, BNL++	XOXO8	
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Link - Connect - Coin Link - Initial (Mechanized)	EE7V+, BNL++	MOXO8	
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Link - Connect - DS3 Loop - Initial (Manual)	ULUC+, EE7P+, EE7Q+	HOX32	
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Link - Connect - DS3 Loop - Initial (CESAR/LEX)	ULUC+, EE7P+, EE7Q+	XOX32	
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Link - Connect - DS3 Loop - Initial (Mechanized)	ULUC+, EE7P+, EE7Q+	MOX32	
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Link - Disconnect - 4-Wire - Initial (Manual/Fax - Complex)	EE71+, EE72+, EE73+, EE75+, EE76+, EE77+, EE78+, EE79+, EE7X+, EE7Y+, EE7Z+, EE74+, LAX++, LBX++, LCX++, LWX++, L1X++, L2X++, L3X++, L32++, L33++, L36++, L4X++, L5X++, L56++, L6X++, L7X++, L8X++, L9X++	HOX56	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Link - Disconnect - 4-Wire - Initial (CESAR/LEX - Complex)	EE71+, EE72+, EE73+, EE75+, EE76+, EE77+, EE78+, EE79+, EE7X+, EE7Y+, EE7Z+, EE74+, LAX++, LBX++, LCX++, LWX++, L1X++, L2X++, L3X++, L32++, L33++, L36++, L4X++, L5X++, L56++, L6X++, L7X++, L8X++, L9X++	XOX56	
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Link - Disconnect - 4-Wire - Initial (Mechanized)			
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Link - Disconnect - Assured - Initial (Manual/Fax - Simple)	EE7T+, EE7U+, BCL++, RCL++, L3X++, L4X++, L5X++, L6X++, L7X++, L8X++, L9X++, LAX++, LBX++, LCX++, LWX++, L1X++, L2X++, L32++, L33++, L36++	HOX14	
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Link - Disconnect - Assured - Initial (CESAR/LEX - Simple)	EE7T+, EE7U+, BCL++, RCL++, L3X++, L4X++, L5X++, L6X++, L7X++, L8X++, L9X++, LAX++, LBX++, LCX++, LWX++, L1X++, L2X++, L32++, L33++, L36++	XOX14	
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Link - Disconnect - Assured - Initial (Mechanized)	EE7T+, EE7U+, BCL++, RCL++, L3X++, L4X++, L5X++, L6X++, L7X++, L8X++, L9X++, LAX++, LBX++, LCX++, LWX++, L1X++, L2X++, L32++, L33++, L36++	MOX14	
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Link - Disconnect - Basic - Initial (Manual/Fax - Simple)	EE7T+, EE7U+, BCL++, RCL++, L3X++, L4X++, L5X++, L6X++, L7X++, L8X++, L9X++, LAX++, LBX++, LCX++, LWX++, L1X++, L2X++, L32++, L33++, L36++	HOX10	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Link - Disconnect - Basic - Initial (CESAR/LEX - Simple)	EE7T+, EE7U+, BCL++, RCL++, L3X++, L4X++, L5X++, L6X++, L7X++, L8X++, L9X++, LAX++, LBX++, LCX++, LWX++, L1X++, L2X++, L32++, L33++, L36++	XOX10	
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Link - Disconnect - Basic - Initial (Mechanized)	EE7T+, EE7U+, BCL++, RCL++, L3X++, L4X++, L5X++, L6X++, L7X++, L8X++, L9X++, LAX++, LBX++, LCX++, LWX++, L1X++, L2X++, L32++, L33++, L36++	MOX10	
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Link - Disconnect - Digital DS1 Copper - Initial (Manual/Fax - Complex)	BDL++, EE7M+	HOX34	
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Link - Disconnect - Digital DS1 Copper - Initial (CESAR/LEX - Complex)	BDL++, EE7M+	XOX34	
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Link - Disconnect - Digital DS1 Copper - Initial (Mechanized)	BDL++, EE7M+	MOX34	
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Link - Disconnect - Digital DS1 Fiber - Initial (Manual/Fax - Complex)			
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Link - Disconnect - Digital DS1 Fiber - Initial (CESAR/LEX - Complex)			
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Link - Disconnect - Digital DS1 Fiber - Initial (Mechanized)			
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Link - Disconnect - ISDN Link - Initial (Manual/Fax - Complex)	EE9E+, EE9F+, B1L++, R1L++	HOX34	
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Link - Disconnect - ISDN Link - Initial (CESAR/LEX - Complex)	EE9E+, EE9F+, B1L++, R1L++	XOX34	
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Link - Disconnect - ISDN Link - Initial (Mechanized)	EE9E+, EE9F+, B1L++, R1L++	MOX34	
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Link - Disconnect - Pbx Link - Initial (Manual/Fax - Complex)	EE7W+, BXL++	HOX10	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Link - Disconnect - Pbx Link - Initial (CESAR/LEX - Complex)	EE7W+, BXL++	XOX10	
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Link - Disconnect - Pbx Link - Initial (Mechanized)	EE7W+, BXL++	MOX10	
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Link - Disconnect - Coin Link - Initial (Manual/Fax - Complex)	EE7V+, BNL++	HOX10	
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Link - Disconnect - Coin Link - Initial (CESAR/LEX - Complex)	EE7V+, BNL++	XOX10	
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Link - Disconnect - Coin Link - Initial (Mechanized)	EE7V+, BNL++	MOX10	
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Link - Disconnect - DS3 Loop - Initial (Manual)	ULUC+, EE7P+, EE7Q+	HOX34	
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Link - Disconnect - DS3 Loop - Initial (CESAR/LEX)	ULUC+, EE7P+, EE7Q+	XOX34	
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Link - Disconnect - DS3 Loop - Initial (Mechanized)	ULUC+, EE7P+, EE7Q+	MOX34	
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Link - Change - 4-Wire - Initial (Manual/Fax - Complex)	EE71+, EE72+, EE73+, EE75+, EE76+, EE77+, EE78+, EE79+, EE7X+, EE7Y+, EE7Z+, EE74+, LAX++, LBX++, LCX++, LWX++, L1X++, L2X++, L3X++, L32++, L33++, L36++, L4X++, L5X++, L56++, L6X++, L7X++, L8X++, L9X++	HOX57	
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Link - Change - 4-Wire - Initial (CESAR/LEX - Complex)	EE71+, EE72+, EE73+, EE75+, EE76+, EE77+, EE78+, EE79+, EE7X+, EE7Y+, EE7Z+, EE74+, LAX++, LBX++, LCX++, LWX++, L1X++, L2X++, L3X++, L32++, L33++, L36++, L4X++, L5X++, L56++, L6X++, L7X++, L8X++, L9X++	XOX57	
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Link - Change - 4-Wire - Initial (Mechanized)			

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Link - Change - Assured - Initial (Manual/Fax - Simple)	EE7T+, EE7U+, BCL++, RCL++,L3X++, L4X++, L5X++, L6X++, L7X++, L8X++, L9X++, LAX++, LBX++, LCX++, LWX++, L1X++, L2X++, L32++, L33++, L36++	HOX13	
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Link - Change - Assured - Initial (CESAR/LEX - Simple)	EE7T+, EE7U+, BCL++, RCL++,L3X++, L4X++, L5X++, L6X++, L7X++, L8X++, L9X++, LAX++, LBX++, LCX++, LWX++, L1X++, L2X++, L32++, L33++, L36++	XOX13	
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Link - Change - Assured - Initial (Mechanized)	EE7T+, EE7U+, BCL++, RCL++,L3X++, L4X++, L5X++, L6X++, L7X++, L8X++, L9X++, LAX++, LBX++, LCX++, LWX++, L1X++, L2X++, L32++, L33++, L36++	MOX13	
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Link - Change - Basic - Initial (Manual/Fax - Simple)	EE7T+, EE7U+, BCL++, RCL++,L3X++, L4X++, L5X++, L6X++, L7X++, L8X++, L9X++, LAX++, LBX++, LCX++, LWX++, L1X++, L2X++, L32++, L33++, L36++	HOX69	
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Link - Change - Basic - Initial (CESAR/LEX - Simple)	EE7T+, EE7U+, BCL++, RCL++,L3X++, L4X++, L5X++, L6X++, L7X++, L8X++, L9X++, LAX++, LBX++, LCX++, LWX++, L1X++, L2X++, L32++, L33++, L36++	XOX69	
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Link - Change - Basic - Initial (Mechanized)	EE7T+, EE7U+, BCL++, RCL++,L3X++, L4X++, L5X++, L6X++, L7X++, L8X++, L9X++, LAX++, LBX++, LCX++, LWX++, L1X++, L2X++, L32++, L33++, L36++	MOX69	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Link - Change - Digital DS1 Copper - Initial (Manual/Fax - Complex)	BDL++, EE7M+	HOX33	
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Link - Change - Digital DS1 Copper - Initial (CESAR/LEX - Complex)	BDL++, EE7M+	XOX33	
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Link - Change - Digital DS1 Copper - Initial (Mechanized)			
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Link - Change - Digital DS1 Fiber - Initial (Manual/Fax - Complex)			
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Link - Change - Digital DS1 Fiber - Initial (CESAR/LEX - Complex)			
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Link - Change - Digital DS1 Fiber - Initial (Mechanized)			
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Link - Change - ISDN Link - Initial (Manual/Fax - Complex)	EE9E+, EE9F+, B1L++, R1L++	HOX33	
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Link - Change - ISDN Link - Initial (CESAR/LEX - Complex)	EE9E+, EE9F+, B1L++, R1L++	XOX33	
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Link - Change - ISDN Link - Initial (Mechanized)			
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Link - Change - Pbx Link - Initial (Manual/Fax - Complex)	EE7W+, BXL++	HOX33	
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Link - Change - Pbx Link - Initial (CESAR/LEX - Complex)	EE7W+, BXL++	XOX33	
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Link - Change - Pbx Link - Initial (Mechanized)			
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Link - Change - Coin Link - Initial (Manual/Fax - Complex)	EE7V+, BNL++	HOX33	
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Link - Change - Coin Link - Initial (CESAR/LEX - Complex)	EE7V+, BNL++	XOX33	
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Link - Change - Coin Link - Initial (Mechanized)			
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Link - Change - DS3 Loop - Initial (Manual)	ULUC+, EE7P+, EE7Q+	HOX33	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Link - Change - DS3 Loop - Initial (CESAR/LEX)	ULUC+, EE7P+, EE7Q+	XOX33	
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Link - Change - DS3 Loop - Initial (Mechanized)			
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Link - Record - 4-Wire - Initial (Manual/Fax - Complex)	EE71+, EE72+, EE73+, EE75+, EE76+, EE77+, EE78+, EE79+, EE7X+, EE7Y+, EE7Z+, EE74+, LAX++, LBX++, LCX++, LWX++, L1X++, L2X++, L3X++, L32++, L33++, L36++, L4X++, L5X++, L56++, L6X++, L7X++, L8X++, L9X++	HOCH7	
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Link - Record - 4-Wire - Initial (CESAR/LEX - Complex)	EE71+, EE72+, EE73+, EE75+, EE76+, EE77+, EE78+, EE79+, EE7X+, EE7Y+, EE7Z+, EE74+, LAX++, LBX++, LCX++, LWX++, L1X++, L2X++, L3X++, L32++, L33++, L36++, L4X++, L5X++, L56++, L6X++, L7X++, L8X++, L9X++	SOCH7	
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Link - Record - 4-Wire - Initial (Mechanized)			
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Link - Record - Assured - Initial (Manual/Fax - Simple)	EE7T+, EE7U+, BCL++, RCL++, L3X++, L4X++, L5X++, L6X++, L7X++, L8X++, L9X++, LAX++, LBX++, LCX++, LWX++, L1X++, L2X++, L32++, L33++, L36++	HOCH2	
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Link - Record - Assured - Initial (CESAR/LEX - Simple)	EE7T+, EE7U+, BCL++, RCL++, L3X++, L4X++, L5X++, L6X++, L7X++, L8X++, L9X++, LAX++, LBX++, LCX++, LWX++, L1X++, L2X++, L32++, L33++, L36++	SOCH2	
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Link - Record - Assured - Initial (Mechanized)			

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Link - Record - Basic - Initial (Manual/Fax - Simple)	EE7T+, EE7U+, BCL++, RCL++,L3X++, L4X++, L5X++, L6X++, L7X++, L8X++, L9X++, LAX++, LBX++, LCX++, LWX++, L1X++, L2X++, L32++, L33++, L36++	HOCH2	
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Link - Record - Basic - Initial (CESAR/LEX - Simple)	EE7T+, EE7U+, BCL++, RCL++,L3X++, L4X++, L5X++, L6X++, L7X++, L8X++, L9X++, LAX++, LBX++, LCX++, LWX++, L1X++, L2X++, L32++, L33++, L36++	SOCH2	
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Link - Record - Basic - Initial (Mechanized)			
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Link - Record - Digital DS1 Copper - Initial (Manual/Fax - Complex)	BDL++, EE7M+	HOCH2	
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Link - Record - Digital DS1 Copper - Initial (CESAR/LEX - Complex)	BDL++, EE7M+	SOCH2	
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Link - Record - Digital DS1 Copper - Initial (Mechanized)			
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Link - Record - Digital DS1 Fiber - Initial (Manual/Fax - Complex)			
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Link - Record - Digital DS1 Fiber - Initial (CESAR/LEX - Complex)			
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Link - Record - Digital DS1 Fiber - Initial (Mechanized)			
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Link - Record - ISDN Link - Initial (Manual/Fax - Complex)	EE9E+, EE9F+, B1L++, R1L++	HOCH2	
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Link - Record - ISDN Link - Initial (CESAR/LEX - Complex)	EE9E+, EE9F+, B1L++, R1L++	SOCH2	
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Link - Record - ISDN Link - Initial (Mechanized)			

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Link - Record - Pbx Link - Initial (Manual/Fax - Complex)	EE7W+, BXL++	HOCH2	
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Link - Record - Pbx Link - Initial (CESAR/LEX - Complex)	EE7W+, BXL++	SOCH2	
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Link - Record - Pbx Link - Initial (Mechanized)			
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Link - Record - Coin Link - Initial (Manual/Fax - Complex)	EE7V+, BNL++	HOCH2	
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Link - Record - Coin Link - Initial (CESAR/LEX - Complex)	EE7V+, BNL++	SOCH2	
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Link - Record - Coin Link - Initial (Mechanized)			
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Link - Record - DS3 Loop - Initial (Manual)	ULUC+, EE7P+, EE7Q+	HOCH7	
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Link - Record - DS3 Loop - Initial (CESAR/LEX)	ULUC+, EE7P+, EE7Q+	SOCH7	
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Link - Record - DS3 Loop - Initial (Mechanized)			
14	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Dsl Capable Loops: Connect - 2-Wire Digital Loop ISDN/IDSL - Initial - Manual/Fax - Complex	BP1A+, RP1A+, NS1A+	HOX32	
14	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Dsl Capable Loops: Connect - 2-Wire Digital Loop ISDN/IDSL - Initial - CESAR/LEX - Complex	BP1A+, RP1A+, NS1A+	XOX32	
14	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - DSL Capable Loops: Connect - 2-Wire Digital Loop ISDN/IDSL - Initial - Mechanized	BP1A+, RP1A+, NS1A+	MOX32	
14	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - DSL Capable Loops: Connect - PSD #1 - 2-Wire xDSL Loop - Initial - Manual/Fax - Complex	BP1B+, RP1B+, NS1B+	HOX32	
14	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - DSL Capable Loops: Connect - PSD #1 - 2-Wire xDSL Loop - Initial - Manual/Fax - Complex	BP1B+, RP1B+, NS1B+	XOX32	
14	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - DSL Capable Loops: Connect - PSD #1 - 2-Wire xDSL Loop - Initial - Manual/Fax - Complex	BP1B+, RP1B+, NS1B+	MOX32	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
14	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - DSL Capable Loops: Connect - PSD #2 - 2-Wire xDSL Loop - Initial - Manual/Fax - Complex	BP2X+, RP2X+, NS2X+	HOX32	
14	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - DSL Capable Loops: Connect - PSD #2 - 2-Wire xDSL Loop - Initial - Manual/Fax - Complex	BP2X+, RP2X+, NS2X+	XOX32	
14	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - DSL Capable Loops: Connect - PSD #2 - 2-Wire xDSL Loop - Initial - Manual/Fax - Complex	BP2X+, RP2X+, NS2X+	MOX32	
14	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - DSL Capable Loops: Connect - PSD #3 - 2-Wire xDSL Loop - Initial - Manual/Fax - Complex	BP3A+, RP3A+, NS3A+	HOX32	
14	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - DSL Capable Loops: Connect - PSD #3 - 2-Wire xDSL Loop - Initial - Manual/Fax - Complex	BP3A+, RP3A+, NS3A+	XOX32	
14	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - DSL Capable Loops: Connect - PSD #3 - 2-Wire xDSL Loop - Initial - Manual/Fax - Complex	BP3A+, RP3A+, NS3A+	MOX32	
14	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - DSL Capable Loops: Connect - PSD #4 - 2-Wire xDSL Loop - Initial - Manual/Fax - Complex	BP4X+, RP4X+, NS4X+	HOX32	
14	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - DSL Capable Loops: Connect - PSD #4 - 2-Wire xDSL Loop - Initial - Manual/Fax - Complex	BP4X+, RP4X+, NS4X+	XOX32	
14	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - DSL Capable Loops: Connect - PSD #4 - 2-Wire xDSL Loop - Initial - Manual/Fax - Complex	BP4X+, RP4X+, NS4X+	MOX32	
14	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - DSL Capable Loops: Connect - PSD #5 - 2-Wire xDSL Loop - Initial - Manual/Fax - Complex	BP5X+, RP5X+, NS5X+	HOX32	
14	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - DSL Capable Loops: Connect - PSD #5 - 2-Wire xDSL Loop - Initial - Manual/Fax - Complex	BP5X+, RP5X+, NS5X+	XOX32	
14	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - DSL Capable Loops: Connect - PSD #5 - 2-Wire xDSL Loop - Initial - Manual/Fax - Complex	BP5X+, RP5X+, NS5X+	MOX32	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
14	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - DSL Capable Loops: Connect - PSD #7 - 2-Wire xDSL Loop - Initial - Manual/Fax - Complex	BP7X+, RP7X+, NS7X+	HOX32	
14	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - DSL Capable Loops: Connect - PSD #7 - 2-Wire xDSL Loop - Initial - Manual/Fax - Complex	BP7X+, RP7X+, NS7X+	XOX32	
14	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - DSL Capable Loops: Connect - PSD #7 - 2-Wire xDSL Loop - Initial - Manual/Fax - Complex	BP7X+, RP7X+, NS7X+	MOX32	
14	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - DSL Capable Loops: Connect - PSD #3 - 4-Wire xDSL Loop - Initial - Manual/Fax - Complex	BP3B+, RP3B+, NS3B+	HOX32	
14	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - DSL Capable Loops: Connect - PSD #3 - 4-Wire xDSL Loop - Initial - Manual/Fax - Complex	BP3B+, RP3B+, NS3B+	XOX32	
14	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - DSL Capable Loops: Connect - PSD #3 - 4-Wire xDSL Loop - Initial - Manual/Fax - Complex	BP3B+, RP3B+, NS3B+	MOX32	
14	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - DSL Capable Loops: Disconnect - 2-Wire Digital Loop ISDN/IDSL - Initial - Manual/Fax - Complex	BP1A+, RP1A+, NS1A+	HOX34	
14	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - DSL Capable Loops: Disconnect - 2-Wire Digital Loop ISDN/IDSL - Initial - CESAR/LEX - Complex	BP1A+, RP1A+, NS1A+	XOX34	
14	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - DSL Capable Loops: Disconnect - 2-Wire Digital Loop ISDN/IDSL - Initial - Mechanized	BP1A+, RP1A+, NS1A+	MOX34	
14	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - DSL Capable Loops: Disconnect - 2-Wire xDSL Loop - PSD #1 - 2-Wire xDSL Loop - Initial - Manual/Fax - Complex	BP1B+, RP1B+, NS1B+	HOX34	
14	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - DSL Capable Loops: Disconnect - 2-Wire xDSL Loop - PSD #1 - 2-Wire xDSL Loop - Initial - CESAR/LEX - Complex	BP1B+, RP1B+, NS1B+	XOX34	
14	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - DSL Capable Loops: Disconnect - 2-Wire xDSL Loop - PSD #1 - 2-Wire xDSL Loop - Initial - Mechanized	BP1B+, RP1B+, NS1B+	MOX34	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
14	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - DSL Capable Loops: Disconnect - 2-Wire xDSL Loop - PSD #2 - 2-Wire xDSL Loop - Initial - Manual/Fax - Complex	BP2X+, RP2X+, NS2X+	HOX34	
14	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - DSL Capable Loops: Disconnect - 2-Wire xDSL Loop - PSD #2 - 2-Wire xDSL Loop - Initial - CESAR/LEX - Complex	BP2X+, RP2X+, NS2X+	XOX34	
14	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - DSL Capable Loops: Disconnect - 2-Wire xDSL Loop - PSD #2 - 2-Wire xDSL Loop - Initial - Mechanized	BP2X+, RP2X+, NS2X+	MOX34	
14	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - DSL Capable Loops: Disconnect - 2-Wire xDSL Loop - PSD #3 - 2-Wire xDSL Loop - Initial - Manual/Fax - Complex	BP3A+, RP3A+, NS3A+	HOX34	
14	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - DSL Capable Loops: Disconnect - 2-Wire xDSL Loop - PSD #3 - 2-Wire xDSL Loop - Initial - CESAR/LEX - Complex	BP3A+, RP3A+, NS3A+	XOX34	
14	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - DSL Capable Loops: Disconnect - 2-Wire xDSL Loop - PSD #3 - 2-Wire xDSL Loop - Initial - Mechanized	BP3A+, RP3A+, NS3A+	MOX34	
14	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - DSL Capable Loops: Disconnect - 2-Wire xDSL Loop - PSD #4 - 2-Wire xDSL Loop - Initial - Manual/Fax - Complex	BP4X+, RP4X+, NS4X+	HOX34	
14	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - DSL Capable Loops: Disconnect - 2-Wire xDSL Loop - PSD #4 - 2-Wire xDSL Loop - Initial - CESAR/LEX - Complex	BP4X+, RP4X+, NS4X+	XOX34	
14	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - DSL Capable Loops: Disconnect - 2-Wire xDSL Loop - PSD #4 - 2-Wire xDSL Loop - Initial - Mechanized	BP4X+, RP4X+, NS4X+	MOX34	
14	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - DSL Capable Loops: Disconnect - 2-Wire xDSL Loop - PSD #5 - 2-Wire xDSL Loop - Initial - Manual/Fax - Complex	BP5X+, RP5X+, NS5X+	HOX34	
14	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - DSL Capable Loops: Disconnect - 2-Wire xDSL Loop - PSD #5 - 2-Wire xDSL Loop - Initial - CESAR/LEX - Complex	BP5X+, RP5X+, NS5X+	XOX34	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
14	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - DSL Capable Loops: Disconnect - 2-Wire xDSL Loop - PSD #5 - 2-Wire xDSL Loop - Initial - Mechanized	BP5X+, RP5X+, NS5X+	MOX34	
14	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - DSL Capable Loops: Disconnect - 2-Wire xDSL Loop - PSD #7 - 2-Wire xDSL Loop - Initial - Manual/Fax - Complex	BP7X+, RP7X+, NS7X+	HOX34	
14	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - DSL Capable Loops: Disconnect - 2-Wire xDSL Loop - PSD #7 - 2-Wire xDSL Loop - Initial - CESAR/LEX - Complex	BP7X+, RP7X+, NS7X+	XOX34	
14	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - DSL Capable Loops: Disconnect - 2-Wire xDSL Loop - PSD #7 - 2-Wire xDSL Loop - Initial - Mechanized	BP7X+, RP7X+, NS7X+	MOX34	
14	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - DSL Capable Loops: Disconnect - 4-Wire xDSL Loop - PSD #3 - 4-Wire xDSL Loop - Initial - Manual/Fax - Complex	BP3B+, RP3B+, NS3B+	HOX34	
14	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - DSL Capable Loops: Disconnect - 4-Wire xDSL Loop - PSD #3 - 4-Wire xDSL Loop - Initial - CESAR/LEX - Complex	BP3B+, RP3B+, NS3B+	XOX34	
14	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - DSL Capable Loops: Disconnect - 4-Wire xDSL Loop - PSD #3 - 4-Wire xDSL Loop - Initial - Mechanized	BP3B+, RP3B+, NS3B+	MOX34	
14	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - DSL Capable Loops: Change - 2-Wire Digital Loop ISDN/IDSL - Initial - Manual/Fax - Complex	BP1A+, RP1A+, NS1A+	HOX33	
14	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - DSL Capable Loops: Change - 2-Wire Digital Loop ISDN/IDSL - Initial - CESAR/LEX - Complex	BP1A+, RP1A+, NS1A+	XOX33	
14	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - DSL Capable Loops: Change - 2-Wire Digital Loop ISDN/IDSL - Initial - Mechanized	BP1A+, RP1A+, NS1A+	MOX33	
14	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - DSL Capable Loops: Change - PSD #1 - 2-Wire xDSL Loop - Initial - Manual/Fax - Complex	BP1B+, RP1B+, NS1B+	HOX33	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
14	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - DSL Capable Loops: Change - PSD #1 - 2-Wire xDSL Loop - Initial - CESAR/LEX - Complex	BP1B+, RP1B+, NS1B+	XOX33	
14	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - DSL Capable Loops: Change - PSD #1 - 2-Wire xDSL Loop - Initial - Mechanized	BP1B+, RP1B+, NS1B+	MOX33	
14	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - DSL Capable Loops: Change - PSD #2 - 2-Wire xDSL Loop - Initial - Manual/Fax - Complex	BP2X+, RP2X+, NS2X+	HOX33	
14	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - DSL Capable Loops: Change - PSD #2 - 2-Wire xDSL Loop - Initial - CESAR/LEX - Complex	BP2X+, RP2X+, NS2X+	XOX33	
14	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - DSL Capable Loops: Change - PSD #2 - 2-Wire xDSL Loop - Initial - Mechanized	BP2X+, RP2X+, NS2X+	MOX33	
14	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - DSL Capable Loops: Change - PSD #3 - 2-Wire xDSL Loop - Initial - Manual/Fax - Complex	BP3A+, RP3A+, NS3A+	HOX33	
14	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - DSL Capable Loops: Change - PSD #3 - 2-Wire xDSL Loop - Initial - CESAR/LEX - Complex	BP3A+, RP3A+, NS3A+	XOX33	
14	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - DSL Capable Loops: Change - PSD #3 - 2-Wire xDSL Loop - Initial - Mechanized	BP3A+, RP3A+, NS3A+	MOX33	
14	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - DSL Capable Loops: Change - PSD #4 - 2-Wire xDSL Loop - Initial - Manual/Fax - Complex	BP4X+. RP4X+, NS4X+	HOX33	
14	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - DSL Capable Loops: Change - PSD #4 - 2-Wire xDSL Loop - Initial - CESAR/LEX - Complex	BP4X+. RP4X+, NS4X+	XOX33	
14	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - DSL Capable Loops: Change - PSD #4 - 2-Wire xDSL Loop - Initial - Mechanized	BP4X+. RP4X+, NS4X+	MOX33	
14	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - DSL Capable Loops: Change - PSD #5 - 2-Wire xDSL Loop - Initial - Manual/Fax - Complex	BP5X+, RP5X+, NS5X+	HOX33	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
14	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - DSL Capable Loops: Change - PSD #5 - 2-Wire xDSL Loop - Initial - CESAR/LEX - Complex	BP5X+, RP5X+, NS5X+	XOX33	
14	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - DSL Capable Loops: Change - PSD #5 - 2-Wire xDSL Loop - Initial - Mechanized	BP5X+, RP5X+, NS5X+	MOX33	
14	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - DSL Capable Loops: Change - PSD #7 - 2-Wire xDSL Loop - Initial - Manual/Fax - Complex	BP7X+, RP7X+, NS7X+	HOX33	
14	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - DSL Capable Loops: Change - PSD #7 - 2-Wire xDSL Loop - Initial - CESAR/LEX - Complex	BP7X+, RP7X+, NS7X+	XOX33	
14	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - DSL Capable Loops: Change - PSD #7 - 2-Wire xDSL Loop - Initial - Mechanized	BP7X+, RP7X+, NS7X+	MOX33	
14	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - DSL Capable Loops: Change - PSD #3 - 4-Wire xDSL Loop - Initial - Manual/Fax - Complex	BP3B+, RP3B+, NS3B+	HOX33	
14	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - DSL Capable Loops: Change - PSD #3 - 4-Wire xDSL Loop - Initial - CESAR/LEX - Complex	BP3B+, RP3B+, NS3B+	XOX33	
14	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - DSL Capable Loops: Change - PSD #3 - 4-Wire xDSL Loop - Initial - Mechanized	BP3B+, RP3B+, NS3B+	MOX33	
14	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - DSL Capable Loops: Record - 2-Wire Digital Loop ISDN/IDSL - Initial - Manual/Fax - Complex	BP1A+, RP1A+, NS1A+	HOCH2	
14	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - DSL Capable Loops: Record - 2-Wire Digital Loop ISDN/IDSL - Initial - CESAR/LEX - Complex	BP1A+, RP1A+, NS1A+	SOCH2	
14	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - DSL Capable Loops: Record - 2-Wire Digital Loop ISDN/IDSL - Initial - Mechanized			
14	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - DSL Capable Loops: Record - PSD #1 - 2-Wire xDSL Loop - Initial - Manual/Fax - Complex	BP1B+, RP1B+, NS1B+	HOCH2	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
14	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - DSL Capable Loops: Record - PSD #1 - 2-Wire xDSL Loop - Initial - CESAR/LEX - Complex	BP1B+, RP1B+, NS1B+	SOCH2	
14	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - DSL Capable Loops: Record - PSD #1 - 2-Wire xDSL Loop - Initial - Mechanized			
14	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - DSL Capable Loops: Record - PSD #2 - 2-Wire xDSL Loop - Initial - Manual/Fax - Complex	BP2X+, RP2X+, NS2X+	HOCH2	
14	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - DSL Capable Loops: Record - PSD #2 - 2-Wire xDSL Loop - Initial - CESAR/LEX - Complex	BP2X+, RP2X+, NS2X+	SOCH2	
14	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - DSL Capable Loops: Record - PSD #2 - 2-Wire xDSL Loop - Initial - Mechanized			
14	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - DSL Capable Loops: Record - PSD #3 - 2-Wire xDSL Loop - Initial - Manual/Fax - Complex	BP3A+, RP3A+, NS3A+	HOCH2	
14	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - DSL Capable Loops: Record - PSD #3 - 2-Wire xDSL Loop - Initial - CESAR/LEX - Complex	BP3A+, RP3A+, NS3A+	SOCH2	
14	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - DSL Capable Loops: Record - PSD #3 - 2-Wire xDSL Loop - Initial - Mechanized			
14	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - DSL Capable Loops: Record - PSD #4 - 2-Wire xDSL Loop - Initial - Manual/Fax - Complex	BP4X+. RP4X+, NS4X+	HOCH2	
14	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - DSL Capable Loops: Record - PSD #4 - 2-Wire xDSL Loop - Initial - CESAR/LEX - Complex	BP4X+. RP4X+, NS4X+	SOCH2	
14	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - DSL Capable Loops: Record - PSD #4 - 2-Wire xDSL Loop - Initial - Mechanized			
14	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - DSL Capable Loops: Record - PSD #5 - 2-Wire xDSL Loop - Initial - Manual/Fax - Complex	BP5X+, RP5X+, NS5X+	HOCH2	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
14	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - DSL Capable Loops: Record - PSD #5 - 2-Wire xDSL Loop - Initial - CESAR/LEX - Complex	BP5X+, RP5X+, NS5X+	SOCH2	
14	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - DSL Capable Loops: Record - PSD #5 - 2-Wire xDSL Loop - Initial - Mechanized			
14	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - DSL Capable Loops: Record - PSD #7 - 2-Wire xDSL Loop - Initial - Manual/Fax - Complex	BP7X+, RP7X+, NS7X+	HOCH2	
14	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - DSL Capable Loops: Record - PSD #7 - 2-Wire xDSL Loop - Initial - CESAR/LEX - Complex	BP7X+, RP7X+, NS7X+	SOCH2	
14	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - DSL Capable Loops: Record - PSD #7 - 2-Wire xDSL Loop - Initial - Mechanized			
14	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - DSL Capable Loops: Record - PSD #3 - 4-Wire xDSL Loop - Initial - Manual/Fax - Complex	BP3B+, RP3B+, NS3B+	HOCH2	
14	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - DSL Capable Loops: Record - PSD #3 - 4-Wire xDSL Loop - Initial - CESAR/LEX - Complex	BP3B+, RP3B+, NS3B+	SOCH2	
14	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - DSL Capable Loops: Record - PSD #3 - 4-Wire xDSL Loop - Initial - Mechanized			
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Network Interface Device (NID) - Connect - NID To NID Crossconnect - Simple (Manual/Fax - Simple/Complex)		HSNID	
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Network Interface Device (NID) - Connect - NID To NID Crossconnect - Simple (CESAR/LEX - Simple/Complex)		PSNID	
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Network Interface Device (NID) - Connect - NID To NID Crossconnect - Simple (Mechanized)			

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Network Interface Device (NID) - Connect - NID To NID Crossconnect - Complex Initial (Manual/Fax - Simple/Complex)		HCNID	
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Network Interface Device (NID) - Connect - NID To NID Crossconnect - Complex Initial (CESAR/LEX)		PCNID	
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Network Interface Device (NID) - Connect - NID To NID Crossconnect - Complex Initial (Mechanized)			
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Network Interface Device (NID) - Disconnect - NID To NID Crossconnect - Simple (Manual/Fax - Simple/Complex)			
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Network Interface Device (NID) - Disconnect - NID To NID Crossconnect - Simple (CESAR/LEX - Simple/Complex)			
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Network Interface Device (NID) - Disconnect - NID To NID Crossconnect - Simple (Mechanized)			
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Network Interface Device (NID) - Disconnect - NID To NID Crossconnect - Complex Initial (Manual/Fax - Simple/Complex)			
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Network Interface Device (NID) - Disconnect - NID To NID Crossconnect - Complex Initial (CESAR/LEX)			
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Network Interface Device (NID) - Disconnect - NID To NID Crossconnect - Complex Initial (Mechanized)			
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Network Interface Device (NID) - Change - NID To NID Crossconnect - Simple (Manual/Fax - Simple/Complex)			
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Network Interface Device (NID) - Change - NID To NID Crossconnect - Simple (CESAR/LEX - Simple/Complex)			

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Network Interface Device (NID) - Change - NID To NID Crossconnect - Simple (Mechanized)			
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Network Interface Device (NID) - Change - NID To NID Crossconnect - Complex Initial (Manual/Fax - Simple/Complex)			
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Network Interface Device (NID) - Change - NID To NID Crossconnect - Complex Initial (CESAR/LEX)			
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Network Interface Device (NID) - Change - NID To NID Crossconnect - Complex Initial (Mechanized)			
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Network Interface Device (NID) - Record - NID To NID Crossconnect - Simple (Manual/Fax - Simple/Complex)			
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Network Interface Device (NID) - Record - NID To NID Crossconnect - Simple (CESAR/LEX - Simple/Complex)			
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Network Interface Device (NID) - Record - NID To NID Crossconnect - Simple (Mechanized)			
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Network Interface Device (NID) - Record - NID To NID Crossconnect - Complex Initial (Manual/Fax - Simple/Complex)			
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Network Interface Device (NID) - Record - NID To NID Crossconnect - Complex Initial (CESAR/LEX)			
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Network Interface Device (NID) - Record - NID To NID Crossconnect - Complex Initial (Mechanized)			
13	CA	ADDITIONAL NETWORK ELEMENTS	Master Leg Plug 2-Wire		ABPM2	
13	CA	ADDITIONAL NETWORK ELEMENTS	Master Leg Plug 4-Wire		ABPM4	
13	CA	ADDITIONAL NETWORK ELEMENTS	2-Wire Analog Bridge Plug			
13	CA	ADDITIONAL NETWORK ELEMENTS	4-Wire Analog Bridge Plug			

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	CA	ADDITIONAL NETWORK ELEMENTS	Program Audio Bridge		PAB	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC
13	FL	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1-Zone 1	UEANL	UEAL2
13	FL	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1-Zone 1 [DISCONNECT]	UEANL	UEAL2
13	FL	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1-Zone 2	UEANL	UEAL2
13	FL	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1-Zone 2 [DISCONNECT]	UEANL	UEAL2
13	FL	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1-Zone 3	UEANL	UEAL2
13	FL	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1-Zone 3 [DISCONNECT]	UEANL	UEAL2
13	FL	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1-Zone 1	UEANL	UEASL
13	FL	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1-Zone 1 [DISCONNECT]	UEANL	UEASL
13	FL	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1-Zone 2	UEANL	UEASL
13	FL	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1-Zone 2 [DISCONNECT]	UEANL	UEASL
13	FL	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1-Zone 3	UEANL	UEASL
13	FL	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1-Zone 3 [DISCONNECT]	UEANL	UEASL
13	FL	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Manual Order Coordination for UVL-SL1s (per loop)	UEANL	UEAMC
13	FL	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Order Coordination for Specified Conversion Time for UVL-SL1 (per LSR)	UEANL	OCOSL
13	FL	UNBUNDLED EXCHANGE ACCESS LOOP	Bulk Migration, per 2 Wire Voice Loop-SL1	UEANL	UREPN
13	FL	UNBUNDLED EXCHANGE ACCESS LOOP	Bulk Migration, per 2 Wire Voice Loop-SL1 [DISCONNECT]	UEANL	UREPN
13	FL	UNBUNDLED EXCHANGE ACCESS LOOP	Bulk Migration Order Coordination, per 2 Wire Voice Loop-SL1	UEANL	UREPM
14	FL	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Unbundled Copper Loop - Non-Designed Zone 1	UEQ	UEQ2X

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC
14	FL	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Unbundled Copper Loop - Non-Designed Zone 1 [DISCONNECT]	UEQ	UEQ2X
14	FL	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop - Non-Designed - Zone 2	UEQ	UEQ2X
14	FL	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop - Non-Designed - Zone 2 [DISCONNECT]	UEQ	UEQ2X
14	FL	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop - Non-Designed - Zone 3	UEQ	UEQ2X
14	FL	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop - Non-Designed - Zone 3 [DISCONNECT]	UEQ	UEQ2X
14R-CU	FL	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop - Tag Loop at End User Premise	UEQ	URETL
14R-CU	FL	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop - Loop Testing - Basic 1st Half Hour	UEQ	URET1
14R-CU	FL	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop - Loop Testing - Basic Additional Half Hour	UEQ	URETA
15	FL	UNBUNDLED EXCHANGE ACCESS LOOP	Manual Order Coordination 2 Wire Unbundled Copper Loop - Non-Designed (per loop)	UEQ	USBMC
15	FL	UNBUNDLED EXCHANGE ACCESS LOOP	Bulk Migration, per 2 Wire UCL-ND	UEQ	UREPN
15	FL	UNBUNDLED EXCHANGE ACCESS LOOP	Bulk Migration, per 2 Wire UCL-ND [DISCONNECT]	UEQ	UREPN
15	FL	UNBUNDLED EXCHANGE ACCESS LOOP	Bulk Migration Order Coordination, per 2 Wire UCL-ND	UEQ	UREPM
13	FL	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Single LSR, (per DS0)	UEA	URES�
13	FL	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Spreadsheet, (per DS0)	UEA	URESP
15	FL	UNBUNDLED EXCHANGE ACCESS LOOP	Bulk Migration, per 2 Wire Voice Loop-SL2	UEA	UREPN
15	FL	UNBUNDLED EXCHANGE ACCESS LOOP	Bulk Migration Order Coordination, per 2 Wire Voice Loop-SL2	UEA	UREPM
13	FL	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Voice Grade Loop - Zone 1	UEA	UEAL4
13	FL	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Voice Grade Loop - Zone 1 [DISCONNECT]	UEA	UEAL4
13	FL	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Voice Grade Loop - Zone 2	UEA	UEAL4
13	FL	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Voice Grade Loop - Zone 2 [DISCONNECT]	UEA	UEAL4

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC
13	FL	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Voice Grade Loop - Zone 3	UEA	UEAL4
13	FL	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Voice Grade Loop - Zone 3 [DISCONNECT]	UEA	UEAL4
13	FL	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Single LSR, (per DS0)	UEA	URES L
13	FL	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Spreadsheet, (per DS0)	UEA	URESP
13	FL	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire ISDN Digital Grade Loop - Zone 1	UDN	U1L2X
13	FL	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire ISDN Digital Grade Loop - Zone 1 [DISCONNECT]	UDN	U1L2X
13	FL	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire ISDN Digital Grade Loop - Zone 2	UDN	U1L2X
13	FL	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire ISDN Digital Grade Loop - Zone 2 [DISCONNECT]	UDN	U1L2X
13	FL	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire ISDN Digital Grade Loop - Zone 3	UDN	U1L2X
13	FL	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire ISDN Digital Grade Loop - Zone 3 [DISCONNECT]	UDN	U1L2X
14	FL	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled ADSL Loop including manual service inquiry & facility reservation - Zone 1	UAL	UAL2X
14	FL	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled ADSL Loop including manual service inquiry & facility reservation - Zone 1 [DISCONNECT]	UAL	UAL2X
14	FL	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled ADSL Loop including manual service inquiry & facility reservation - Zone 2	UAL	UAL2X
14	FL	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled ADSL Loop including manual service inquiry & facility reservation - Zone 2 [DISCONNECT]	UAL	UAL2X
14	FL	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled ADSL Loop including manual service inquiry & facility reservation - Zone 3	UAL	UAL2X
14	FL	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled ADSL Loop including manual service inquiry & facility reservation - Zone 3 [DISCONNECT]	UAL	UAL2X
14	FL	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled ADSL Loop without manual service inquiry & facility reservaton - Zone 1	UAL	UAL2W
14	FL	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled ADSL Loop without manual service inquiry & facility reservaton - Zone 1 [DISCONNECT]	UAL	UAL2W
14	FL	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled ADSL Loop without manual service inquiry & facility reservaton - Zone 2	UAL	UAL2W

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC
14	FL	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled ADSL Loop without manual service inquiry & facility reservaton - Zone 2 [DISCONNECT]	UAL	UAL2W
14	FL	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled ADSL Loop without manual service inquiry & facility reservaton - Zone 3	UAL	UAL2W
14	FL	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled ADSL Loop without manual service inquiry & facility reservaton - Zone 3 [DISCONNECT]	UAL	UAL2W
14	FL	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled HDSL Loop including manual service inquiry & facility reservation - Zone 1	UHL	UHL2X
14	FL	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled HDSL Loop including manual service inquiry & facility reservation - Zone 1 [DISCONNECT]	UHL	UHL2X
14	FL	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled HDSL Loop including manual service inquiry & facility reservation - Zone 2	UHL	UHL2X
14	FL	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled HDSL Loop including manual service inquiry & facility reservation - Zone 2 [DISCONNECT]	UHL	UHL2X
14	FL	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled HDSL Loop including manual service inquiry & facility reservation - Zone 3	UHL	UHL2X
14	FL	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled HDSL Loop including manual service inquiry & facility reservation - Zone 3 [DISCONNECT]	UHL	UHL2X
14	FL	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled HDSL Loop without manual service inquiry and facility reservation - Zone 1	UHL	UHL2W
14	FL	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled HDSL Loop without manual service inquiry and facility reservation - Zone 1 [DISCONNECT]	UHL	UHL2W
14	FL	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled HDSL Loop without manual service inquiry and facility reservation - Zone 2	UHL	UHL2W
14	FL	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled HDSL Loop without manual service inquiry and facility reservation - Zone 2 [DISCONNECT]	UHL	UHL2W
14	FL	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled HDSL Loop without manual service inquiry and facility reservation - Zone 3	UHL	UHL2W
14	FL	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled HDSL Loop without manual service inquiry and facility reservation - Zone 3 [DISCONNECT]	UHL	UHL2W
14	FL	UNBUNDLED EXCHANGE ACCESS LOOP	4 Wire Unbundled HDSL Loop including manual service inquiry and facility reservation - Zone 1	UHL	UHL4X
14	FL	UNBUNDLED EXCHANGE ACCESS LOOP	4 Wire Unbundled HDSL Loop including manual service inquiry and facility reservation - Zone 1 [DISCONNECT]	UHL	UHL4X

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC
14	FL	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Unbundled HDSL Loop including manual service inquiry and facility reservation - Zone 2	UHL	UHL4X
14	FL	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Unbundled HDSL Loop including manual service inquiry and facility reservation - Zone 2 [DISCONNECT]	UHL	UHL4X
14	FL	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Unbundled HDSL Loop including manual service inquiry and facility reservation - Zone 3	UHL	UHL4X
14	FL	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Unbundled HDSL Loop including manual service inquiry and facility reservation - Zone 3 [DISCONNECT]	UHL	UHL4X
14	FL	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Unbundled HDSL Loop without manual service inquiry and facility reservation - Zone 1	UHL	UHL4W
14	FL	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Unbundled HDSL Loop without manual service inquiry and facility reservation - Zone 1 [DISCONNECT]	UHL	UHL4W
14	FL	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Unbundled HDSL Loop without manual service inquiry and facility reservation - Zone 2	UHL	UHL4W
14	FL	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Unbundled HDSL Loop without manual service inquiry and facility reservation - Zone 2 [DISCONNECT]	UHL	UHL4W
14	FL	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Unbundled HDSL Loop without manual service inquiry and facility reservation - Zone 3	UHL	UHL4W
14	FL	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Unbundled HDSL Loop without manual service inquiry and facility reservation - Zone 3 [DISCONNECT]	UHL	UHL4W
13	FL	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire DS1 Digital Loop - Zone 1	USL	USLXX
13	FL	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire DS1 Digital Loop - Zone 1 [DISCONNECT]	USL	USLXX
13	FL	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire DS1 Digital Loop - Zone 2	USL	USLXX
13	FL	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire DS1 Digital Loop - Zone 2 [DISCONNECT]	USL	USLXX
13	FL	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire DS1 Digital Loop - Zone 3	USL	USLXX
13	FL	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire DS1 Digital Loop - Zone 3 [DISCONNECT]	USL	USLXX
13	FL	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire DS1 Digital Loop - Switch-As-Is Conversion rate per UNE Loop, Single LSR, (per DS1)	USL	URES
13	FL	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire DS1 Digital Loop - Switch-As-Is Conversion rate per UNE Loop, Spreadsheet, (per DS1)	USL	URESP
14	FL	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Unbundled Copper Loop-Designed including manual service inquiry & facility reservation - Zone 1	UCL	UCLPB
14	FL	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Unbundled Copper Loop-Designed including manual service inquiry & facility reservation - Zone 1 [DISCONNECT]	UCL	UCLPB

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC
14	FL	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Unbundled Copper Loop-Designed including manual service inquiry & facility reservation - Zone 2	UCL	UCLPB
14	FL	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Unbundled Copper Loop-Designed including manual service inquiry & facility reservation - Zone 2 [DISCONNECT]	UCL	UCLPB
14	FL	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop-Designed including manual service inquiry & facility reservation - Zone 3	UCL	UCLPB
14	FL	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop-Designed including manual service inquiry & facility reservation - Zone 3 [DISCONNECT]	UCL	UCLPB
14	FL	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Unbundled Copper Loop-Designed without manual service inquiry and facility reservation - Zone 1	UCL	UCLPW
14	FL	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Unbundled Copper Loop-Designed without manual service inquiry and facility reservation - Zone 1 [DISCONNECT]	UCL	UCLPW
14	FL	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Unbundled Copper Loop-Designed without manual service inquiry and facility reservation - Zone 2	UCL	UCLPW
14	FL	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Unbundled Copper Loop-Designed without manual service inquiry and facility reservation - Zone 2 [DISCONNECT]	UCL	UCLPW
14	FL	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Unbundled Copper Loop-Designed without manual service inquiry and facility reservation - Zone 3	UCL	UCLPW
14	FL	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Unbundled Copper Loop-Designed without manual service inquiry and facility reservation - Zone 3 [DISCONNECT]	UCL	UCLPW
15	FL	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Unbundled Copper Loop - Order Coordination for Unbundled Copper Loops (per loop)	UCL	UCLMC
14	FL	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Copper Loop-Designed including manual service inquiry and facility reservation - Zone 1	UCL	UCL4S
14	FL	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Copper Loop-Designed including manual service inquiry and facility reservation - Zone 1 [DISCONNECT]	UCL	UCL4S
14	FL	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Copper Loop-Designed including manual service inquiry and facility reservation - Zone 2	UCL	UCL4S
14	FL	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Copper Loop-Designed including manual service inquiry and facility reservation - Zone 2 [DISCONNECT]	UCL	UCL4S

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC
14	FL	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Copper Loop-Designed including manual service inquiry and facility reservation - Zone 3	UCL	UCL4S
14	FL	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Copper Loop-Designed including manual service inquiry and facility reservation - Zone 3 [DISCONNECT]	UCL	UCL4S
14	FL	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Copper Loop-Designed without manual service inquiry and facility reservation - Zone 1	UCL	UCL4W
14	FL	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Copper Loop-Designed without manual service inquiry and facility reservation - Zone 1 [DISCONNECT]	UCL	UCL4W
14	FL	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Copper Loop-Designed without manual service inquiry and facility reservation - Zone 2	UCL	UCL4W
14	FL	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Copper Loop-Designed without manual service inquiry and facility reservation - Zone 2 [DISCONNECT]	UCL	UCL4W
14	FL	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Copper Loop-Designed without manual service inquiry and facility reservation - Zone 3	UCL	UCL4W
14	FL	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Copper Loop-Designed without manual service inquiry and facility reservation - Zone 3 [DISCONNECT]	UCL	UCL4W
15	FL	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Copper Loop - Order Coordination for Unbundled Copper Loops (per loop)	UCL	UCLMC
15	FL	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Copper Loop - Order Coordination for Specified Conversion Time (per LSR)	UEA, UDN, UAL, UHL, UDL,USL	OCOSL
13	FL	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Loop or Ground Start Signaling - Zone 1	NTCVG	UEAL2
13	FL	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Loop or Ground Start Signaling - Zone 1 [DISCONNECT]	NTCVG	UEAL2
13	FL	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Loop or Ground Start Signaling - Zone 2	NTCVG	UEAL2
13	FL	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Loop or Ground Start Signaling - Zone 2 [DISCONNECT]	NTCVG	UEAL2
13	FL	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Loop or Ground Start Signaling - Zone 3	NTCVG	UEAL2
13	FL	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Loop or Ground Start Signaling - Zone 3 [DISCONNECT]	NTCVG	UEAL2

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC
13	FL	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Reverse Battery Signaling - Zone 1	NTCVG	UEAR2
13	FL	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Reverse Battery Signaling - Zone 1 [DISCONNECT]	NTCVG	UEAR2
13	FL	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Reverse Battery Signaling - Zone 2	NTCVG	UEAR2
13	FL	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Reverse Battery Signaling - Zone 2 [DISCONNECT]	NTCVG	UEAR2
13	FL	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Reverse Battery Signaling - Zone 3	NTCVG	UEAR2
13	FL	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Reverse Battery Signaling - Zone 3 [DISCONNECT]	NTCVG	UEAR2
13	FL	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Single LSR, (per DS0)	NTCVG	URES
13	FL	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Spreadsheet, (per DS0)	NTCVG	URES
13	FL	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Loop Tagging - Service Level 2 (SL2)	NTCVG	URETL
13	FL	UNE LOOP COMMINGLING	4-Wire Analog Voice Grade Loop - Zone 1	NTCVG	UEAL4
13	FL	UNE LOOP COMMINGLING	4-Wire Analog Voice Grade Loop - Zone 1 [DISCONNECT]	NTCVG	UEAL4
13	FL	UNE LOOP COMMINGLING	4-Wire Analog Voice Grade Loop - Zone 2	NTCVG	UEAL4
13	FL	UNE LOOP COMMINGLING	4-Wire Analog Voice Grade Loop - Zone 2 [DISCONNECT]	NTCVG	UEAL4
13	FL	UNE LOOP COMMINGLING	4-Wire Analog Voice Grade Loop - Zone 3	NTCVG	UEAL4
13	FL	UNE LOOP COMMINGLING	4-Wire Analog Voice Grade Loop - Zone 3 [DISCONNECT]	NTCVG	UEAL4
13	FL	UNE LOOP COMMINGLING	4-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Single LSR, (per DS0)	NTCVG	URES
13	FL	UNE LOOP COMMINGLING	4-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Spreadsheet, (per DS0)	NTCVG	URES
13	FL	UNE LOOP COMMINGLING	4-Wire DS1 Digital Loop - Zone 1	NTCD1	USLXX
13	FL	UNE LOOP COMMINGLING	4-Wire DS1 Digital Loop - Zone 1 [DISCONNECT]	NTCD1	USLXX

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC
13	FL	UNE LOOP COMMINGLING	4-Wire DS1 Digital Loop - Zone 2	NTCD1	USLXX
13	FL	UNE LOOP COMMINGLING	4-Wire DS1 Digital Loop - Zone 2 [DISCONNECT]	NTCD1	USLXX
13	FL	UNE LOOP COMMINGLING	4-Wire DS1 Digital Loop - Zone 3	NTCD1	USLXX
13	FL	UNE LOOP COMMINGLING	4-Wire DS1 Digital Loop - Zone 3 [DISCONNECT]	NTCD1	USLXX
13	FL	UNE LOOP COMMINGLING	4-Wire DS1 Digital Loop - Switch-As-Is Conversion rate per UNE Loop, Single LSR, (per DS1)	NTCD1	URES
13	FL	UNE LOOP COMMINGLING	4-Wire DS1 Digital Loop - Switch-As-Is Conversion rate per UNE Loop, Spreadsheet, (per DS1)	NTCD1	URESP
13	FL	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 2.4 Kbps - Zone 1	NTCUD	UDL2X
13	FL	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 2.4 Kbps - Zone 1 [DISCONNECT]	NTCUD	UDL2X
13	FL	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 2.4 Kbps - Zone 2	NTCUD	UDL2X
13	FL	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 2.4 Kbps - Zone 2 [DISCONNECT]	NTCUD	UDL2X
13	FL	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 2.4 Kbps - Zone 3	NTCUD	UDL2X
13	FL	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 2.4 Kbps - Zone 3 [DISCONNECT]	NTCUD	UDL2X
13	FL	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 4.8 Kbps - Zone 1	NTCUD	UDL4X
13	FL	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 4.8 Kbps - Zone 1 [DISCONNECT]	NTCUD	UDL4X
13	FL	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 4.8 Kbps - Zone 2	NTCUD	UDL4X
13	FL	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 4.8 Kbps - Zone 2 [DISCONNECT]	NTCUD	UDL4X
13	FL	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 4.8 Kbps - Zone 3	NTCUD	UDL4X
13	FL	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 4.8 Kbps - Zone 3 [DISCONNECT]	NTCUD	UDL4X
13	FL	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 9.6 Kbps - Zone 1	NTCUD	UDL9X
13	FL	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 9.6 Kbps - Zone 1 [DISCONNECT]	NTCUD	UDL9X
13	FL	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 9.6 Kbps - Zone 2	NTCUD	UDL9X
13	FL	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 9.6 Kbps - Zone 2 [DISCONNECT]	NTCUD	UDL9X
13	FL	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 9.6 Kbps - Zone 3	NTCUD	UDL9X
13	FL	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 9.6 Kbps - Zone 3 [DISCONNECT]	NTCUD	UDL9X

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC
13	FL	UNE LOOP COMMINGLING	4 Wire Unbundled Digital 19.2 Kbps - Zone 1	NTCUD	UDL19
13	FL	UNE LOOP COMMINGLING	4 Wire Unbundled Digital 19.2 Kbps - Zone 1 [DISCONNECT]	NTCUD	UDL19
13	FL	UNE LOOP COMMINGLING	4 Wire Unbundled Digital 19.2 Kbps - Zone 2	NTCUD	UDL19
13	FL	UNE LOOP COMMINGLING	4 Wire Unbundled Digital 19.2 Kbps - Zone 2 [DISCONNECT]	NTCUD	UDL19
13	FL	UNE LOOP COMMINGLING	4 Wire Unbundled Digital 19.2 Kbps - Zone 3	NTCUD	UDL19
13	FL	UNE LOOP COMMINGLING	4 Wire Unbundled Digital 19.2 Kbps - Zone 3 [DISCONNECT]	NTCUD	UDL19
13	FL	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 56 Kbps - Zone 1	NTCUD	UDL56
13	FL	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 56 Kbps - Zone 1 [DISCONNECT]	NTCUD	UDL56
13	FL	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 56 Kbps - Zone 2	NTCUD	UDL56
13	FL	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 56 Kbps - Zone 2 [DISCONNECT]	NTCUD	UDL56
13	FL	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 56 Kbps - Zone 3	NTCUD	UDL56
13	FL	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 56 Kbps - Zone 3 [DISCONNECT]	NTCUD	UDL56
13	FL	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 64 Kbps - Zone 1	NTCUD	UDL64
13	FL	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 64 Kbps - Zone 1 [DISCONNECT]	NTCUD	UDL64
13	FL	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 64 Kbps - Zone 2	NTCUD	UDL64
13	FL	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 64 Kbps - Zone 2 [DISCONNECT]	NTCUD	UDL64
13	FL	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 64 Kbps - Zone 3	NTCUD	UDL64
13	FL	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 64 Kbps - Zone 3 [DISCONNECT]	NTCUD	UDL64
13	FL	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 19.2, 56 or 64 Kbps - Switch-As-Is Conversion rate per UNE Loop, Single LSR, (per DS0)	NTCUD	URES
13	FL	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 19.2, 56 or 64 Kbps - Switch-As-Is Conversion rate per UNE Loop, Spreadsheet, (per DS0)	NTCUD	URESP

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC
15	FL	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 19.2, 56 or 64 Kbps - Order Coordination for Specified Conversion Time (per LSR)	NTCVG, NTCUD, NTCD1	OCOSL
13	FL	MAINTENANCE OF SERVICE	Maintenance of Service Charge, Basic Time, per half hour	UDC, UEA, UDL, UDN, USL, UAL, UHL, UCL, NTCVG, NTCUD, NTCD1, U1TD1, U1TD3, U1TDX, U1TS1, U1TVX, UDF, UDFCX, UDLSX, UE3, ULDD1, ULDD3, ULDDX, ULDS1, ULDVX, UNC1X, UNC3X, UNCDX, UNCSX, UNCVX, ULS	MVVBT
13	FL	MAINTENANCE OF SERVICE	Maintenance of Service Charge, Overtime, per half hour	UDC, UEA, UDL, UDN, USL, UAL, UHL, UCL, NTCVG, NTCUD, NTCD1, U1TD1, U1TD3, U1TDX, U1TS1, U1TVX, UDF, UDFCX, UDLSX, UE3, ULDD1, ULDD3, ULDDX, ULDS1, ULDVX, UNC1X, UNC3X, UNCDX, UNCSX, UNCVX, ULS	MVVOT
13	FL	MAINTENANCE OF SERVICE	Maintenance of Service Charge, Premium, per half hour	UDC, UEA, UDL, UDN, USL, UAL, UHL, UCL, NTCVG, NTCUD, NTCD1, U1TD1, U1TD3, U1TDX, U1TS1, U1TVX, UDF, UDFCX, UDLSX, UE3, ULDD1, ULDD3, ULDDX, ULDS1, ULDVX, UNC1X, UNC3X, UNCDX, UNCSX, UNCVX, ULS	MVVPT
14	FL	LOOP MODIFICATION	Unbundled Loop Modification, Removal of Load Coils - 2 Wire pair less than or equal to 18k ft, per Unbundled Loop	UAL, UHL, UCL, UEQ, ULS, UEA, UEANL, UEPSR, UEPSB	ULM2L
14	FL	LOOP MODIFICATION	Unbundled Loop Modification Removal of Load Coils - 4 Wire less than or equal to 18K ft, per Unbundled Loop	UHL, UCL, UEA	ULM4L
14	FL	LOOP MODIFICATION	Unbundled Loop Modification Removal of Bridged Tap Removal, per unbundled loop	UAL, UHL, UCL, UEQ, ULS, UEA, UEANL, UEPSR, UEPSB	ULMBT

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC
13MR-SL	FL	SUB-LOOPS	Sub-Loop - Per Cross Box Location - CLEC Feeder Facility Set-Up	UEANL, UEF	USBSA
13MR-SL	FL	SUB-LOOPS	Sub-Loop - Per Cross Box Location - Per 25 Pair Panel Set-Up	UEANL, UEF	USBSB
13MR-SL	FL	SUB-LOOPS	Sub-Loop - Per Building Equipment Room - CLEC Feeder Facility Set-Up	UEANL	USBSC
13MR-SL	FL	SUB-LOOPS	Sub-Loop - Per Building Equipment Room - Per 25 Pair Panel Set-Up	UEANL	USBSD
13MR-SL	FL	SUB-LOOPS	Sub-Loop Distribution Per 2-Wire Analog Voice Grade Loop - Zone 1	UEANL	USBN2
13MR-SL	FL	SUB-LOOPS	Sub-Loop Distribution Per 2-Wire Analog Voice Grade Loop - Zone 1 [DISCONNECT]	UEANL	USBN2
13MR-SL	FL	SUB-LOOPS	Sub-Loop Distribution Per 2-Wire Analog Voice Grade Loop - Zone 2	UEANL	USBN2
13MR-SL	FL	SUB-LOOPS	Sub-Loop Distribution Per 2-Wire Analog Voice Grade Loop - Zone 2 [DISCONNECT]	UEANL	USBN2
13MR-SL	FL	SUB-LOOPS	Sub-Loop Distribution Per 2-Wire Analog Voice Grade Loop - Zone 3	UEANL	USBN2
13MR-SL	FL	SUB-LOOPS	Sub-Loop Distribution Per 2-Wire Analog Voice Grade Loop - Zone 3 [DISCONNECT]	UEANL	USBN2
13	FL	SUB-LOOPS	Order Coordination for Unbundled Sub-Loops, per sub-loop pair	UEANL	USBMC
13MR-SL	FL	SUB-LOOPS	Sub-Loop Distribution Per 4-Wire Analog Voice Grade Loop - Zone 1	UEANL	USBN4
13MR-SL	FL	SUB-LOOPS	Sub-Loop Distribution Per 4-Wire Analog Voice Grade Loop - Zone 1 [DISCONNECT]	UEANL	USBN4
13MR-SL	FL	SUB-LOOPS	Sub-Loop Distribution Per 4-Wire Analog Voice Grade Loop - Zone 2	UEANL	USBN4
13MR-SL	FL	SUB-LOOPS	Sub-Loop Distribution Per 4-Wire Analog Voice Grade Loop - Zone 2 [DISCONNECT]	UEANL	USBN4
13MR-SL	FL	SUB-LOOPS	Sub-Loop Distribution Per 4-Wire Analog Voice Grade Loop - Zone 3	UEANL	USBN4
13MR-SL	FL	SUB-LOOPS	Sub-Loop Distribution Per 4-Wire Analog Voice Grade Loop - Zone 3 [DISCONNECT]	UEANL	USBN4
13MR-SL	FL	SUB-LOOPS	Sub-Loop 2-Wire Intrabuilding Network Cable (INC)	UEANL	USBR2

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC
13MR-SL	FL	SUB-LOOPS	Sub-Loop 2-Wire Intrabuilding Network Cable (INC) [DISCONNECT]	UEANL	USBR2
13MR-SL	FL	SUB-LOOPS	Sub-Loop 4-Wire Intrabuilding Network Cable (INC)	UEANL	USBR4
13MR-SL	FL	SUB-LOOPS	Sub-Loop 4-Wire Intrabuilding Network Cable (INC) [DISCONNECT]	UEANL	USBR4
13MR-SL	FL	SUB-LOOPS	Loop Testing - Basic 1st Half Hour	UEANL	URET1
13MR-SL	FL	SUB-LOOPS	Loop Testing - Basic Additional Half Hour	UEANL	URETA
13MR-SL	FL	SUB-LOOPS	2 Wire Copper Unbundled Sub-Loop Distribution - Zone 1	UEF	UCS2X
13MR-SL	FL	SUB-LOOPS	2 Wire Copper Unbundled Sub-Loop Distribution - Zone 1 [DISCONNECT]	UEF	UCS2X
13MR-SL	FL	SUB-LOOPS	2 Wire Copper Unbundled Sub-Loop Distribution - Zone 2	UEF	UCS2X
13MR-SL	FL	SUB-LOOPS	2 Wire Copper Unbundled Sub-Loop Distribution - Zone 2 [DISCONNECT]	UEF	UCS2X
13MR-SL	FL	SUB-LOOPS	2 Wire Copper Unbundled Sub-Loop Distribution - Zone 3	UEF	UCS2X
13MR-SL	FL	SUB-LOOPS	2 Wire Copper Unbundled Sub-Loop Distribution - Zone 3 [DISCONNECT]	UEF	UCS2X
13	FL	SUB-LOOPS	Order Coordination for Unbundled Sub-Loops, per sub-loop pair	UEF	USBMC
13MR-SL	FL	SUB-LOOPS	4 Wire Copper Unbundled Sub-Loop Distribution - Zone 1	UEF	UCS4X
13MR-SL	FL	SUB-LOOPS	4 Wire Copper Unbundled Sub-Loop Distribution - Zone 1 [DISCONNECT]	UEF	UCS4X
13MR-SL	FL	SUB-LOOPS	4 Wire Copper Unbundled Sub-Loop Distribution - Zone 2	UEF	UCS4X
13MR-SL	FL	SUB-LOOPS	4 Wire Copper Unbundled Sub-Loop Distribution - Zone 2 [DISCONNECT]	UEF	UCS4X
13MR-SL	FL	SUB-LOOPS	4 Wire Copper Unbundled Sub-Loop Distribution - Zone 3	UEF	UCS4X
13MR-SL	FL	SUB-LOOPS	4 Wire Copper Unbundled Sub-Loop Distribution - Zone 3 [DISCONNECT]	UEF	UCS4X
13MR-SL	FL	SUB-LOOPS	Loop Tagging Service Level 1, Unbundled Copper Loop, Non-Designed and Distribution Subloops	UEF, UEANL	URETL

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC
13MR-SL	FL	SUB-LOOPS	Loop Testing - Basic 1st Half Hour	UEF	URET1
13MR-SL	FL	SUB-LOOPS	Loop Testing - Basic Additional Half Hour	UEF	URETA
13	FL	SUB-LOOPS	Unbundled Sub-Loop Modification - 2-W Copper Dist Load Coil/Equip Removal per 2-W PR	UEF	ULM2X
13	FL	SUB-LOOPS	Unbundled Sub-loop Modification - 4-W Copper Dist Load Coil/Equip Removal per 4-W PR	UEF	ULM4X
13	FL	SUB-LOOPS	Unbundled Sub-Loop Modification, Removal of Bridge Tap, per unbundled loop	UEF	ULMBT
13MR-SL	FL	SUB-LOOPS	Unbundled Network Terminating Wire (UNTW) per Pair	UENTW	UENPP
13	FL	ADDITIONAL NETWORK ELEMENTS	Network Interface Device (NID) - 1-2 lines	UENTW	UND12
13	FL	ADDITIONAL NETWORK ELEMENTS	Network Interface Device (NID) - 1-6 lines	UENTW	UND16
13	FL	ADDITIONAL NETWORK ELEMENTS	Network Interface Device Cross Connect - 2 W	UENTW	UNDC2
13	FL	ADDITIONAL NETWORK ELEMENTS	Network Interface Device Cross Connect - 4W	UENTW	UNDC4
13	FL	UNE OTHER, PROVISIONING ONLY - NO RATE	Unbundled Contact Name, Provisioning Only - no rate	UAL, UCL, UDC, UDL, UDN, UEA, UHL, UEANL, UEF, UEQ, UENTW, NTCVG, NTCUD, NTCD1, USL	UNECN
13	FL	UNE OTHER, PROVISIONING ONLY - NO RATE	Unbundled DS1 Loop - Superframe Format Option - no rate	USL, NTCD1	CCOSF
13	FL	UNE OTHER, PROVISIONING ONLY - NO RATE	Unbundled DS1 Loop - Expanded Superframe Format option - no rate	USL, NTCD1	CCOEF
13	FL	UNE OTHER, PROVISIONING ONLY - NO RATE	NID - Dispatch and Service Order for NID installation	UENTW	UNDBX
13MR-SL	FL	UNE OTHER, PROVISIONING ONLY - NO RATE	UNTW Circuit Establishment, Provisioning Only - No Rate	UENTW	UENCE
14	FL	LOOP MAKE-UP	Loop Makeup - Preordering Without Reservation, per working or spare facility queried (Manual).	UMK	UMKLW
14	FL	LOOP MAKE-UP	Loop Makeup - Preordering With Reservation, per spare facility queried (Manual).	UMK	UMKLP
14	FL	LOOP MAKE-UP	Loop Makeup--With or Without Reservation, per working or spare facility queried (Mechanized)	UMK	UMKMQ
14R-LS	FL	LINE SPLITTING	End User Ordering - Central Office Based - Line Splitting - per line activation DLEC owned splitter	UEPSR, UEPSB	UREOS
14R-LS	FL	LINE SPLITTING	End User Ordering - Central Office Based -Line Splitting - per line activation AT&T owned - physical	UEPSR, UEPSB	UREBP

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC
14R-LS	FL	LINE SPLITTING	End User Ordering - Central Office Based -Line Splitting - per line activation AT&T owned - physical [DISCONNECT]	UEPSR, UEPSB	UREBP
14R-LS	FL	LINE SPLITTING	End User Ordering - Central Office Based -Line Splitting - per line activation AT&T owned - virtual	UEPSR, UEPSB	UREBV
14R-LS	FL	LINE SPLITTING	End User Ordering - Central Office Based -Line Splitting - per line activation AT&T owned - virtual [DISCONNECT]	UEPSR, UEPSB	UREBV
14R-LS	FL	LINE SPLITTING	End User Ordering - Remote Site Line Splitting - Unbundled Exchange Access Loop - 2 Wire Analog Voice Grade Loop-Service Level 1-Line Splitting- Zone 1	UEPSR, UEPSB	UEALS
14R-LS	FL	LINE SPLITTING	End User Ordering - Remote Site Line Splitting - Unbundled Exchange Access Loop - 2 Wire Analog Voice Grade Loop-Service Level 1-Line Splitting- Zone 1 [DISCONNECT]	UEPSR, UEPSB	UEALS
14R-LS	FL	LINE SPLITTING	End User Ordering - Remote Site Line Splitting - Unbundled Exchange Access Loop - 2 Wire Analog Voice Grade Loop-Service Level 1-Line Splitting- Zone 1	UEPSR, UEPSB	UEABS
14R-LS	FL	LINE SPLITTING	End User Ordering - Remote Site Line Splitting - Unbundled Exchange Access Loop - 2 Wire Analog Voice Grade Loop-Service Level 1-Line Splitting- Zone 1 [DISCONNECT]	UEPSR, UEPSB	UEABS
14R-LS	FL	LINE SPLITTING	End User Ordering - Remote Site Line Splitting - Unbundled Exchange Access Loop - 2 Wire Analog Voice Grade Loop- Service Level 1-Line Splitting-Zone 2	UEPSR, UEPSB	UEALS
14R-LS	FL	LINE SPLITTING	End User Ordering - Remote Site Line Splitting - Unbundled Exchange Access Loop - 2 Wire Analog Voice Grade Loop- Service Level 1-Line Splitting-Zone 2 [DISCONNECT]	UEPSR, UEPSB	UEALS

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC
14R-LS	FL	LINE SPLITTING	End User Ordering - Remote Site Line Splitting - Unbundled Exchange Access Loop - 2 Wire Analog Voice Grade Loop- Service Level 1-Line Splitting-Zone 2	UEPSR, UEPSB	UEABS
14R-LS	FL	LINE SPLITTING	End User Ordering - Remote Site Line Splitting - Unbundled Exchange Access Loop - 2 Wire Analog Voice Grade Loop- Service Level 1-Line Splitting-Zone 2 [DISCONNECT]	UEPSR, UEPSB	UEABS
14R-LS	FL	LINE SPLITTING	End User Ordering - Remote Site Line Splitting - Unbundled Exchange Access Loop - 2 Wire Analog Voice Grade Loop-Service Level 1-Line Splitting-Zone 3	UEPSR, UEPSB	UEALS
14R-LS	FL	LINE SPLITTING	End User Ordering - Remote Site Line Splitting - Unbundled Exchange Access Loop - 2 Wire Analog Voice Grade Loop-Service Level 1-Line Splitting-Zone 3 [DISCONNECT]	UEPSR, UEPSB	UEALS
14R-LS	FL	LINE SPLITTING	End User Ordering - Remote Site Line Splitting - Unbundled Exchange Access Loop - 2 Wire Analog Voice Grade Loop-Service Level 1-Line Splitting-Zone 3	UEPSR, UEPSB	UEABS
14R-LS	FL	LINE SPLITTING	End User Ordering - Remote Site Line Splitting - Unbundled Exchange Access Loop - 2 Wire Analog Voice Grade Loop-Service Level 1-Line Splitting-Zone 3 [DISCONNECT]	UEPSR, UEPSB	UEABS
14R-LS	FL	LINE SPLITTING	End User Ordering - Remote Site Line Splitting - Unbundled Exchange Access Loop - Physical Collocation-2 Wire Cross Connects (Loop) for Line Splitting	UEPSR, UEPSB	PE1LS
14R-LS	FL	LINE SPLITTING	End User Ordering - Remote Site Line Splitting - Unbundled Exchange Access Loop - Physical Collocation-2 Wire Cross Connects (Loop) for Line Splitting [DISCONNECT]	UEPSR, UEPSB	PE1LS
14R-LS	FL	LINE SPLITTING	End User Ordering - Remote Site Line Splitting - Unbundled Exchange Access Loop - Virtual Collocation- 2 Wire Cross Connects (Loop) for Line Splitting	UEPSR, UEPSB	VE1LS

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC
14R-LS	FL	LINE SPLITTING	End User Ordering - Remote Site Line Splitting - Unbundled Exchange Access Loop - Virtual Collocation- 2 Wire Cross Connects (Loop) for Line Splitting [DISCONNECT]	UEPSR, UEPSB	VE1LS
13	FL	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS1 - per mile	U1TD1	1L5XX
13	FL	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS1 - Facility Termination	U1TD1	U1TF1
13	FL	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS1 - Facility Termination [DISCONNECT]	U1TD1	U1TF1
13	FL	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS3 - per mile	U1TD3	1L5XX
13	FL	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS3 - Facility Termination	U1TD3	U1TF3
13	FL	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS3 - Facility Termination [DISCONNECT]	U1TD3	U1TF3
13	FL	UNBUNDLED DEDICATED TRANSPORT	Stand Alone or in Combination - Dark Fiber - Interoffice Transport, Per Four Fiber Strands, Per Route Mile Or Fraction Thereof	UDF	1L5DF
13	FL	UNBUNDLED DEDICATED TRANSPORT	Stand Alone or in Combination - Dark Fiber - Interoffice Transport, Per Four Fiber Strands, Per Route Mile Or Fraction Thereof	UDF	UDF14
13	FL	HIGH CAPACITY UNBUNDLED LOCAL LOOP	Stand Alone - DS3 Unbundled Local Loop - per mile	UE3	1L5ND
13	FL	HIGH CAPACITY UNBUNDLED LOCAL LOOP	Stand Alone - DS3 Unbundled Local Loop - Facility Termination	UE3	UE3PX
13	FL	HIGH CAPACITY UNBUNDLED LOCAL LOOP	Stand Alone - DS3 Unbundled Local Loop - Facility Termination [DISCONNECT]	UE3	UE3PX
13	FL	ENHANCED EXTENDED LINK (EELs)	4-Wire Analog Voice Grade Loop in Combination - Zone 1	UNCVX	UEAL4
13	FL	ENHANCED EXTENDED LINK (EELs)	4-Wire Analog Voice Grade Loop in Combination - Zone 1 [DISCONNECT]	UNCVX	UEAL4
13	FL	ENHANCED EXTENDED LINK (EELs)	4-Wire Analog Voice Grade Loop in Combination - Zone 2	UNCVX	UEAL4
13	FL	ENHANCED EXTENDED LINK (EELs)	4-Wire Analog Voice Grade Loop in Combination - Zone 2 [DISCONNECT]	UNCVX	UEAL4
13	FL	ENHANCED EXTENDED LINK (EELs)	4-Wire Analog Voice Grade Loop in Combination - Zone 3	UNCVX	UEAL4

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC
13	FL	ENHANCED EXTENDED LINK (EELs)	4-Wire Analog Voice Grade Loop in Combination - Zone 3 [DISCONNECT]	UNCVX	UEAL4
13	FL	ENHANCED EXTENDED LINK (EELs)	4-Wire DS1 Digital Loop in Combination - Zone 1	UNC1X	USLXX
13	FL	ENHANCED EXTENDED LINK (EELs)	4-Wire DS1 Digital Loop in Combination - Zone 1 [DISCONNECT]	UNC1X	USLXX
13	FL	ENHANCED EXTENDED LINK (EELs)	4-Wire DS1 Digital Loop in Combination - Zone 2	UNC1X	USLXX
13	FL	ENHANCED EXTENDED LINK (EELs)	4-Wire DS1 Digital Loop in Combination - Zone 2 [DISCONNECT]	UNC1X	USLXX
13	FL	ENHANCED EXTENDED LINK (EELs)	4-Wire DS1 Digital Loop in Combination - Zone 3	UNC1X	USLXX
13	FL	ENHANCED EXTENDED LINK (EELs)	4-Wire DS1 Digital Loop in Combination - Zone 3 [DISCONNECT]	UNC1X	USLXX
13	FL	ENHANCED EXTENDED LINK (EELs)	DS3 Local Loop in combination - per mile	UNC3X	1L5ND
13	FL	ENHANCED EXTENDED LINK (EELs)	DS3 Local Loop in combination - Facility Termination	UNC3X	UE3PX
13	FL	ENHANCED EXTENDED LINK (EELs)	DS3 Local Loop in combination - Facility Termination [DISCONNECT]	UNC3X	UE3PX
13	FL	ENHANCED EXTENDED LINK (EELs)	Interoffice Channel in combination - DS1 - per mile	UNC1X	1L5XX
13	FL	ENHANCED EXTENDED LINK (EELs)	Interoffice Channel in combination - DS1 Facility Termination	UNC1X	U1TF1
13	FL	ENHANCED EXTENDED LINK (EELs)	Interoffice Channel in combination - DS1 Facility Termination [DISCONNECT]	UNC1X	U1TF1
13	FL	ENHANCED EXTENDED LINK (EELs)	Interoffice Channel in combination - DS3 - per mile	UNC3X	1L5XX
13	FL	ENHANCED EXTENDED LINK (EELs)	Interoffice Channel in combination - DS3 - Facility Termination	UNC3X	U1TF3
13	FL	ENHANCED EXTENDED LINK (EELs)	Interoffice Channel in combination - DS3 - Facility Termination [DISCONNECT]	UNC3X	U1TF3
13	FL	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: Clear Channel Capability Extended Frame Option - per DS1	U1TD1, UNC1X	CCOEF
13	FL	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: Clear Channel Capability Super FrameOption - per DS1	U1TD1, UNC1X	CCOSF
13	FL	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: Clear Channel Capability (SF/ESF) Option - Subsequent Activity - per DS1	U1TD1, UNC1X, USL	NRCCC
13	FL	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: Clear Channel Capability (SF/ESF) Option - Subsequent Activity - per DS1 [DISCONNECT]	U1TD1, UNC1X, USL	NRCCC

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC
13	FL	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: C-bit Parity Option - Subsequent Activity - per DS3	U1TD3, UE3, UNC3X	NRCC3
13	FL	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: C-bit Parity Option - Subsequent Activity - per DS3 [DISCONNECT]	U1TD3, UE3, UNC3X	NRCC3
13	FL	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: DS1/DS0 Channel System	UNC1X	MQ1
13	FL	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: DS1/DS0 Channel System [DISCONNECT]	UNC1X	MQ1
13	FL	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: DS3/DS1Channel System	UNC3X	MQ3
13	FL	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: DS3/DS1Channel System [DISCONNECT]	UNC3X	MQ3
13	FL	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: Voice Grade COCI in combination	UNCVX	1D1VG
13	FL	ADDITIONAL NETWORK ELEMENTS	Voice Grade COCI - for 2W-SL2 & 4W Voice Grade Local Loop	UEA	1D1VG
13	FL	ADDITIONAL NETWORK ELEMENTS	Voice Grade COCI - for 2W-SL2 & 4W Voice Grade Local Loop [DISCONNECT]	UEA	1D1VG
13	FL	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: DS1 COCI in combination	UNC1X	UC1D1
13	FL	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: DS1 COCI in combination [DISCONNECT]	UNC1X	UC1D1
13	FL	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: DS1 COCI - for Stand Alone Interoffice Channel	U1TD1	UC1D1
13	FL	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: DS1 COCI - for Stand Alone Interoffice Channel [DISCONNECT]	U1TD1	UC1D1
13	FL	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: DS1 COCI - for DS1 Local Loop	USL, NTCD1	UC1D1
13	FL	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: DS1 COCI - for DS1 Local Loop [DISCONNECT]	USL, NTCD1	UC1D1
13	FL	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: Wholesale - UNE, Switch-As-Is Conversion Charge	UNCVX, UNC1X, UNC3X, XDH1X, HFQC6, XDD2X, XDV6X	UNCCC
13	FL	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: Unbundled Misc Rate Element, SNE SAI, Single Network Element - Switch As Is Non-recurring Charge, per circuit (LSR)	U1TVX, U1TD3, UDF, UE3	URES

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC
13	FL	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: Unbundled Misc Rate Element, SNE SAI, Single Network Element - Switch As Is Non-recurring Charge, incremental charge per circuit on a spreadsheet	U1TVX, U1TD3, UDF, UE3	URESP
13	FL	ADDITIONAL NETWORK ELEMENTS	Service Rearrangements - NRC - Order Coordination Specific Time - Dedicated Transport	UNC1X, UNC3X	OCOSR
13	FL	COMMINGLING	Commingled VG COCI	XDV2X	1D1VG
13	FL	COMMINGLING	Commingled VG COCI [DISCONNECT]	XDV2X	1D1VG
13	FL	COMMINGLING	Commingled 4-wire Local Loop Zone 1	XDV6X	UEAL4
13	FL	COMMINGLING	Commingled 4-wire Local Loop Zone 1 [DISCONNECT]	XDV6X	UEAL4
13	FL	COMMINGLING	Commingled 4-wire Local Loop Zone 2	XDV6X	UEAL4
13	FL	COMMINGLING	Commingled 4-wire Local Loop Zone 2 [DISCONNECT]	XDV6X	UEAL4
13	FL	COMMINGLING	Commingled 4-wire Local Loop Zone 3	XDV6X	UEAL4
13	FL	COMMINGLING	Commingled 4-wire Local Loop Zone 3 [DISCONNECT]	XDV6X	UEAL4
13	FL	COMMINGLING	Commingled DS1 COCI	XDH1X	UC1D1
13	FL	COMMINGLING	Commingled DS1 COCI [DISCONNECT]	XDH1X	UC1D1
13	FL	COMMINGLING	Commingled DS1 Interoffice Channel	XDH1X	U1TF1
13	FL	COMMINGLING	Commingled DS1 Interoffice Channel [DISCONNECT]	XDH1X	U1TF1
13	FL	COMMINGLING	Commingled DS1 Interoffice Channel Mileage	XDH1X	1L5XX
13	FL	COMMINGLING	Commingled DS1/DS0 Channel System	XDH1X	MQ1
13	FL	COMMINGLING	Commingled DS1/DS0 Channel System [DISCONNECT]	XDH1X	MQ1
13	FL	COMMINGLING	Commingled DS1 Local Loop Zone 1	XDH1X	USLXX
13	FL	COMMINGLING	Commingled DS1 Local Loop Zone 1 [DISCONNECT]	XDH1X	USLXX
13	FL	COMMINGLING	Commingled DS1 Local Loop Zone 2	XDH1X	USLXX
13	FL	COMMINGLING	Commingled DS1 Local Loop Zone 2 [DISCONNECT]	XDH1X	USLXX
13	FL	COMMINGLING	Commingled DS1 Local Loop Zone 3	XDH1X	USLXX
13	FL	COMMINGLING	Commingled DS1 Local Loop Zone 3 [DISCONNECT]	XDH1X	USLXX
13	FL	COMMINGLING	Commingled DS3 Local Loop	HFQC6	UE3PX
13	FL	COMMINGLING	Commingled DS3 Local Loop [DISCONNECT]	HFQC6	UE3PX
13	FL	COMMINGLING	Commingled DS3/DS1 Channel System	HFQC6	MQ3
13	FL	COMMINGLING	Commingled DS3/DS1 Channel System [DISCONNECT]	HFQC6	MQ3
13	FL	COMMINGLING	Commingled DS3 Interoffice Channel	HFQC6	U1TF3
13	FL	COMMINGLING	Commingled DS3 Interoffice Channel [DISCONNECT]	HFQC6	U1TF3

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC
13	FL	COMMINGLING	Commingled DS3 Interoffice Channel Mileage	HFQC6	1L5XX
13	FL	COMMINGLING	UNE to Commingled Conversion Tracking	XDH1X, HFQC6	CMGUN
13	FL	COMMINGLING	UNE to Commingled Conversion Tracking [DISCONNECT]	XDH1X, HFQC6	CMGUN
13	FL	COMMINGLING	SPA to Commingled Conversion Tracking	XDH1X, HFQC6	CMGSP
13	FL	COMMINGLING	SPA to Commingled Conversion Tracking [DISCONNECT]	XDH1X, HFQC6	CMGSP

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	GA	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1-Zone 1	UEANL	UEAL2	1
13	GA	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1-Zone 1 [DISCONNECT]	UEANL	UEAL2	1
13	GA	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1-Zone 2	UEANL	UEAL2	2
13	GA	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1-Zone 2 [DISCONNECT]	UEANL	UEAL2	2
13	GA	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1-Zone 3	UEANL	UEAL2	3
13	GA	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1-Zone 3 [DISCONNECT]	UEANL	UEAL2	3
13	GA	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1-Zone 1	UEANL	UEASL	1
13	GA	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1-Zone 1 [DISCONNECT]	UEANL	UEASL	1
13	GA	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1-Zone 2	UEANL	UEASL	2
13	GA	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1-Zone 2 [DISCONNECT]	UEANL	UEASL	2
13	GA	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1-Zone 3	UEANL	UEASL	3
13	GA	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1-Zone 3 [DISCONNECT]	UEANL	UEASL	3
13	GA	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Loop Testing - Basic Additional Half Hour	UEANL	URETA	
13	GA	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Manual Order Coordination for UVL-SL1s (per loop)	UEANL	UEAMC	
13	GA	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Manual Order Coordination for UVL-SL1s (per loop) [DISCONNECT]	UEANL	UEAMC	
13	GA	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Order Coordination for Specified Conversion Time for UVL-SL1 (per LSR)	UEANL	OCOSL	
13	GA	UNBUNDLED EXCHANGE ACCESS LOOP	Bulk Migration, per 2 Wire Voice Loop-SL1	UEANL	UREPN	
13	GA	UNBUNDLED EXCHANGE ACCESS LOOP	Bulk Migration, per 2 Wire Voice Loop-SL1 [DISCONNECT]	UEANL	UREPN	
13	GA	UNBUNDLED EXCHANGE ACCESS LOOP	Bulk Migration Order Coordination, per 2 Wire Voice Loop-SL1	UEANL	UREPM	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
14	GA	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop Non-Designed- Zone 1	UEQ	UEQ2X	1
14	GA	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop Non-Designed- Zone 2	UEQ	UEQ2X	2
14	GA	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop - Non-Designed - Zone 3	UEQ	UEQ2X	3
14R-CU	GA	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop - Tag Loop at End User Premise	UEQ	URETL	
14R-CU	GA	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop - Basic 1st Half Hour	UEQ	URET1	
14R-CU	GA	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop - Loop Testing - Basic Additional Half Hour	UEQ	URETA	
15	GA	UNBUNDLED EXCHANGE ACCESS LOOP	Manual Order Coordination 2 Wire Unbundled Copper Loop - Non-Designed (per loop)	UEQ	USBMC	
15	GA	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop - Bulk Migration, per 2 Wire Voice Loop-SL1	UEQ	UREPN	
15	GA	UNBUNDLED EXCHANGE ACCESS LOOP	Bulk Migration Order Coordination, per 2 Wire UCL-ND	UEQ	UREPM	
13	GA	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Single LSR, (per DS0)	UEA	URES�	
13	GA	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Spreadsheet, (per DS0)	UEA	URESP	
15	GA	UNBUNDLED EXCHANGE ACCESS LOOP	Bulk Migration, per 2 Wire Voice Loop-SL2	UEA	UREPN	
15	GA	UNBUNDLED EXCHANGE ACCESS LOOP	Bulk Migration Order Coordination, per 2 Wire Voice Loop-SL2	UEA	UREPM	
13	GA	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Voice Grade Loop - Zone 1	UEA	UEAL4	1
13	GA	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Voice Grade Loop - Zone 1 [DISCONNECT]	UEA	UEAL4	1
13	GA	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Voice Grade Loop - Zone 2	UEA	UEAL4	2
13	GA	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Voice Grade Loop - Zone 2 [DISCONNECT]	UEA	UEAL4	2
13	GA	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Voice Grade Loop - Zone 3	UEA	UEAL4	3
13	GA	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Voice Grade Loop - Zone 3 [DISCONNECT]	UEA	UEAL4	3
13	GA	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Single LSR, (per DS0)	UEA	URES�	
13	GA	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Spreadsheet, (per DS0)	UEA	URESP	
13	GA	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire ISDN Digital Grade Loop - Zone 1	UDN	U1L2X	1

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	GA	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire ISDN Digital Grade Loop - Zone 1 [DISCONNECT]	UDN	U1L2X	1
13	GA	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire ISDN Digital Grade Loop - Zone 2	UDN	U1L2X	2
13	GA	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire ISDN Digital Grade Loop - Zone 2 [DISCONNECT]	UDN	U1L2X	2
13	GA	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire ISDN Digital Grade Loop - Zone 3	UDN	U1L2X	3
13	GA	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire ISDN Digital Grade Loop - Zone 3 [DISCONNECT]	UDN	U1L2X	3
14	GA	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled ADSL Loop including manual service inquiry & facility reservation - Zone 1	UAL	UAL2X	1
14	GA	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled ADSL Loop including manual service inquiry & facility reservation - Zone 1 [DISCONNECT]	UAL	UAL2X	1
14	GA	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled ADSL Loop including manual service inquiry & facility reservation - Zone 2	UAL	UAL2X	2
14	GA	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled ADSL Loop including manual service inquiry & facility reservation - Zone 2 [DISCONNECT]	UAL	UAL2X	2
14	GA	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled ADSL Loop including manual service inquiry & facility reservation - Zone 3	UAL	UAL2X	3
14	GA	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled ADSL Loop including manual service inquiry & facility reservation - Zone 3 [DISCONNECT]	UAL	UAL2X	3
14	GA	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled ADSL Loop without manual service inquiry & facility reservaton - Zone 1	UAL	UAL2W	1
14	GA	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled ADSL Loop without manual service inquiry & facility reservaton - Zone 1 [DISCONNECT]	UAL	UAL2W	1
14	GA	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled ADSL Loop without manual service inquiry & facility reservaton - Zone 2	UAL	UAL2W	2
14	GA	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled ADSL Loop without manual service inquiry & facility reservaton - Zone 2 [DISCONNECT]	UAL	UAL2W	2
14	GA	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled ADSL Loop without manual service inquiry & facility reservaton - Zone 3	UAL	UAL2W	3
14	GA	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled ADSL Loop without manual service inquiry & facility reservaton - Zone 3 [DISCONNECT]	UAL	UAL2W	3
14	GA	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled HDSL Loop including manual service inquiry & facility reservation - Zone 1	UHL	UHL2X	1
14	GA	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled HDSL Loop including manual service inquiry & facility reservation - Zone 1 [DISCONNECT]	UHL	UHL2X	1

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
14	GA	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled HDSL Loop including manual service inquiry & facility reservation - Zone 2	UHL	UHL2X	2
14	GA	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled HDSL Loop including manual service inquiry & facility reservation - Zone 2 [DISCONNECT]	UHL	UHL2X	2
14	GA	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled HDSL Loop including manual service inquiry & facility reservation - Zone 3	UHL	UHL2X	3
14	GA	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled HDSL Loop including manual service inquiry & facility reservation - Zone 3 [DISCONNECT]	UHL	UHL2X	3
14	GA	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled HDSL Loop without manual service inquiry and facility reservation - Zone 1	UHL	UHL2W	1
14	GA	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled HDSL Loop without manual service inquiry and facility reservation - Zone 1 [DISCONNECT]	UHL	UHL2W	1
14	GA	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled HDSL Loop without manual service inquiry and facility reservation - Zone 2	UHL	UHL2W	2
14	GA	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled HDSL Loop without manual service inquiry and facility reservation - Zone 2 [DISCONNECT]	UHL	UHL2W	2
14	GA	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled HDSL Loop without manual service inquiry and facility reservation - Zone 3	UHL	UHL2W	3
14	GA	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled HDSL Loop without manual service inquiry and facility reservation - Zone 3 [DISCONNECT]	UHL	UHL2W	3
14	GA	UNBUNDLED EXCHANGE ACCESS LOOP	4 Wire Unbundled HDSL Loop including manual service inquiry and facility reservation - Zone 1	UHL	UHL4X	1
14	GA	UNBUNDLED EXCHANGE ACCESS LOOP	4 Wire Unbundled HDSL Loop including manual service inquiry and facility reservation - Zone 1 [DISCONNECT]	UHL	UHL4X	1
14	GA	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Unbundled HDSL Loop including manual service inquiry and facility reservation - Zone 2	UHL	UHL4X	2
14	GA	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Unbundled HDSL Loop including manual service inquiry and facility reservation - Zone 2 [DISCONNECT]	UHL	UHL4X	2
14	GA	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Unbundled HDSL Loop including manual service inquiry and facility reservation - Zone 3	UHL	UHL4X	3
14	GA	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Unbundled HDSL Loop including manual service inquiry and facility reservation - Zone 3 [DISCONNECT]	UHL	UHL4X	3
14	GA	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Unbundled HDSL Loop without manual service inquiry and facility reservation - Zone 1	UHL	UHL4W	1
14	GA	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Unbundled HDSL Loop without manual service inquiry and facility reservation - Zone 1 [DISCONNECT]	UHL	UHL4W	1

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
14	GA	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Unbundled HDSL Loop without manual service inquiry and facility reservation - Zone 2	UHL	UHL4W	2
14	GA	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Unbundled HDSL Loop without manual service inquiry and facility reservation - Zone 2 [DISCONNECT]	UHL	UHL4W	2
14	GA	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Unbundled HDSL Loop without manual service inquiry and facility reservation - Zone 3	UHL	UHL4W	3
14	GA	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Unbundled HDSL Loop without manual service inquiry and facility reservation - Zone 3 [DISCONNECT]	UHL	UHL4W	3
13	GA	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire DS1 Digital Loop - Zone 1	USL	USLXX	1
13	GA	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire DS1 Digital Loop - Zone 1 [DISCONNECT]	USL	USLXX	1
13	GA	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire DS1 Digital Loop - Zone 2	USL	USLXX	2
13	GA	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire DS1 Digital Loop - Zone 2 [DISCONNECT]	USL	USLXX	2
13	GA	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire DS1 Digital Loop - Zone 3	USL	USLXX	3
13	GA	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire DS1 Digital Loop - Zone 3 [DISCONNECT]	USL	USLXX	3
13	GA	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire DS1 Digital Loop - Switch-As-Is Conversion rate per UNE Loop, Single LSR, (per DS1)	USL	URES	
13	GA	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire DS1 Digital Loop - Switch-As-Is Conversion rate per UNE Loop, Spreadsheet, (per DS1)	USL	URESP	
14	GA	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Unbundled Copper Loop-Designed including manual service inquiry & facility reservation - Zone 1	UCL	UCLPB	1
14	GA	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Unbundled Copper Loop-Designed including manual service inquiry & facility reservation - Zone 1 [DISCONNECT]	UCL	UCLPB	1
14	GA	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Unbundled Copper Loop-Designed including manual service inquiry & facility reservation - Zone 2	UCL	UCLPB	2
14	GA	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Unbundled Copper Loop-Designed including manual service inquiry & facility reservation - Zone 2 [DISCONNECT]	UCL	UCLPB	2
14	GA	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop-Designed including manual service inquiry & facility reservation - Zone 3	UCL	UCLPB	3
14	GA	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop-Designed including manual service inquiry & facility reservation - Zone 3 [DISCONNECT]	UCL	UCLPB	3
14	GA	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Unbundled Copper Loop-Designed without manual service inquiry and facility reservation - Zone 1	UCL	UCLPW	1

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
14	GA	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Unbundled Copper Loop-Designed without manual service inquiry and facility reservation - Zone 1 [DISCONNECT]	UCL	UCLPW	1
14	GA	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Unbundled Copper Loop-Designed without manual service inquiry and facility reservation - Zone 2	UCL	UCLPW	2
14	GA	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Unbundled Copper Loop-Designed without manual service inquiry and facility reservation - Zone 2 [DISCONNECT]	UCL	UCLPW	2
14	GA	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Unbundled Copper Loop-Designed without manual service inquiry and facility reservation - Zone 3	UCL	UCLPW	3
14	GA	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Unbundled Copper Loop-Designed without manual service inquiry and facility reservation - Zone 3 [DISCONNECT]	UCL	UCLPW	3
15	GA	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Unbundled Copper Loop - Order Coordination for Unbundled Copper Loops (per loop)	UCL	UCLMC	
14	GA	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Copper Loop-Designed including manual service inquiry and facility reservation - Zone 1	UCL	UCL4S	1
14	GA	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Copper Loop-Designed including manual service inquiry and facility reservation - Zone 1 [DISCONNECT]	UCL	UCL4S	1
14	GA	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Copper Loop-Designed including manual service inquiry and facility reservation - Zone 2	UCL	UCL4S	2
14	GA	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Copper Loop-Designed including manual service inquiry and facility reservation - Zone 2 [DISCONNECT]	UCL	UCL4S	2
14	GA	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Copper Loop-Designed including manual service inquiry and facility reservation - Zone 3	UCL	UCL4S	3
14	GA	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Copper Loop-Designed including manual service inquiry and facility reservation - Zone 3 [DISCONNECT]	UCL	UCL4S	3
14	GA	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Copper Loop-Designed without manual service inquiry and facility reservation - Zone 1	UCL	UCL4W	1
14	GA	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Copper Loop-Designed without manual service inquiry and facility reservation - Zone 1 [DISCONNECT]	UCL	UCL4W	1
14	GA	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Copper Loop-Designed without manual service inquiry and facility reservation - Zone 2	UCL	UCL4W	2
14	GA	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Copper Loop-Designed without manual service inquiry and facility reservation - Zone 2 [DISCONNECT]	UCL	UCL4W	2
14	GA	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Copper Loop-Designed without manual service inquiry and facility reservation - Zone 3	UCL	UCL4W	3

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
14	GA	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Copper Loop-Designed without manual service inquiry and facility reservation - Zone 3 [DISCONNECT]	UCL	UCL4W	3
15	GA	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Copper Loop-Order Coordination for Unbundled Copper Loops (per loop)	UCL	UCLMC	
15	GA	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Copper Loop - Order Coordination for Specified Conversion Time (per LSR)	UEA, UDN, UAL, UHL, UDL, USL	OCOSL	
13	GA	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Loop or Ground Start Signaling - Zone 1	NTCVG	UEAL2	1
13	GA	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Loop or Ground Start Signaling - Zone 1 [DISCONNECT]	NTCVG	UEAL2	1
13	GA	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Loop or Ground Start Signaling - Zone 2	NTCVG	UEAL2	2
13	GA	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Loop or Ground Start Signaling - Zone 2 [DISCONNECT]	NTCVG	UEAL2	2
13	GA	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Loop or Ground Start Signaling - Zone 3	NTCVG	UEAL2	3
13	GA	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Loop or Ground Start Signaling - Zone 3 [DISCONNECT]	NTCVG	UEAL2	3
13	GA	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Reverse Battery Signaling - Zone 1	NTCVG	UEAR2	1
13	GA	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Reverse Battery Signaling - Zone 1 [DISCONNECT]	NTCVG	UEAR2	1
13	GA	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Reverse Battery Signaling - Zone 2	NTCVG	UEAR2	2
13	GA	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Reverse Battery Signaling - Zone 2 [DISCONNECT]	NTCVG	UEAR2	2
13	GA	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Reverse Battery Signaling - Zone 3	NTCVG	UEAR2	3
13	GA	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Reverse Battery Signaling - Zone 3 [DISCONNECT]	NTCVG	UEAR2	3
13	GA	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Single LSR, (per DS0)	NTCVG	URES	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	GA	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Spreadsheet, (per DS0)	NTCVG	URESP	
13	GA	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Loop Tagging - Service Level 2 (SL2)	NTCVG	URETL	
13	GA	UNE LOOP COMMINGLING	4-Wire Analog Voice Grade Loop - Zone 1	NTCVG	UEAL4	1
13	GA	UNE LOOP COMMINGLING	4-Wire Analog Voice Grade Loop - Zone 1 [DISCONNECT]	NTCVG	UEAL4	1
13	GA	UNE LOOP COMMINGLING	4-Wire Analog Voice Grade Loop - Zone 2	NTCVG	UEAL4	2
13	GA	UNE LOOP COMMINGLING	4-Wire Analog Voice Grade Loop - Zone 2 [DISCONNECT]	NTCVG	UEAL4	2
13	GA	UNE LOOP COMMINGLING	4-Wire Analog Voice Grade Loop - Zone 3	NTCVG	UEAL4	3
13	GA	UNE LOOP COMMINGLING	4-Wire Analog Voice Grade Loop - Zone 3 [DISCONNECT]	NTCVG	UEAL4	3
13	GA	UNE LOOP COMMINGLING	4-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Single LSR, (per DS0)	NTCVG	URES	
13	GA	UNE LOOP COMMINGLING	4-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Spreadsheet, (per DS0)	NTCVG	URESP	
13	GA	UNE LOOP COMMINGLING	4-Wire DS1 Digital Loop - Zone 1	NTCD1	USLXX	1
13	GA	UNE LOOP COMMINGLING	4-Wire DS1 Digital Loop - Zone 1 [DISCONNECT]	NTCD1	USLXX	1
13	GA	UNE LOOP COMMINGLING	4-Wire DS1 Digital Loop - Zone 2	NTCD1	USLXX	2
13	GA	UNE LOOP COMMINGLING	4-Wire DS1 Digital Loop - Zone 2 [DISCONNECT]	NTCD1	USLXX	2
13	GA	UNE LOOP COMMINGLING	4-Wire DS1 Digital Loop - Zone 3	NTCD1	USLXX	3
13	GA	UNE LOOP COMMINGLING	4-Wire DS1 Digital Loop - Zone 3 [DISCONNECT]	NTCD1	USLXX	3
13	GA	UNE LOOP COMMINGLING	4-Wire DS1 Digital Loop - Switch-As-Is Conversion rate per UNE Loop, Single LSR, (per DS1)	NTCD1	URES	
13	GA	UNE LOOP COMMINGLING	4-Wire DS1 Digital Loop - Switch-As-Is Conversion rate per UNE Loop, Spreadsheet, (per DS1)	NTCD1	URESP	
13	GA	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 2.4 Kbps - Zone 1	NTCUD	UDL2X	1
13	GA	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 2.4 Kbps - Zone 1 [DISCONNECT]	NTCUD	UDL2X	1
13	GA	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 2.4 Kbps - Zone 2	NTCUD	UDL2X	2
13	GA	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 2.4 Kbps - Zone 2 [DISCONNECT]	NTCUD	UDL2X	2
13	GA	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 2.4 Kbps - Zone 3	NTCUD	UDL2X	3

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	GA	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 2.4 Kbps - Zone 3 [DISCONNECT]	NTCUD	UDL2X	3
13	GA	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 4.8 Kbps - Zone 1	NTCUD	UDL4X	1
13	GA	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 4.8 Kbps - Zone 1 [DISCONNECT]	NTCUD	UDL4X	1
13	GA	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 4.8 Kbps - Zone 2	NTCUD	UDL4X	2
13	GA	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 4.8 Kbps - Zone 2 [DISCONNECT]	NTCUD	UDL4X	2
13	GA	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 4.8 Kbps - Zone 3	NTCUD	UDL4X	3
13	GA	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 4.8 Kbps - Zone 3 [DISCONNECT]	NTCUD	UDL4X	3
13	GA	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 9.6 Kbps - Zone 1	NTCUD	UDL9X	1
13	GA	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 9.6 Kbps - Zone 1 [DISCONNECT]	NTCUD	UDL9X	1
13	GA	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 9.6 Kbps - Zone 2	NTCUD	UDL9X	2
13	GA	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 9.6 Kbps - Zone 2 [DISCONNECT]	NTCUD	UDL9X	2
13	GA	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 9.6 Kbps - Zone 3	NTCUD	UDL9X	3
13	GA	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 9.6 Kbps - Zone 3 [DISCONNECT]	NTCUD	UDL9X	3
13	GA	UNE LOOP COMMINGLING	4 Wire Unbundled Digital 19.2 Kbps - Zone 1	NTCUD	UDL19	1
13	GA	UNE LOOP COMMINGLING	4 Wire Unbundled Digital 19.2 Kbps - Zone 1 [DISCONNECT]	NTCUD	UDL19	1
13	GA	UNE LOOP COMMINGLING	4 Wire Unbundled Digital 19.2 Kbps - Zone 2	NTCUD	UDL19	2
13	GA	UNE LOOP COMMINGLING	4 Wire Unbundled Digital 19.2 Kbps - Zone 2 [DISCONNECT]	NTCUD	UDL19	2
13	GA	UNE LOOP COMMINGLING	4 Wire Unbundled Digital 19.2 Kbps - Zone 3	NTCUD	UDL19	3
13	GA	UNE LOOP COMMINGLING	4 Wire Unbundled Digital 19.2 Kbps - Zone 3 [DISCONNECT]	NTCUD	UDL19	3
13	GA	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 56 Kbps - Zone 1	NTCUD	UDL56	1
13	GA	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 56 Kbps - Zone 1 [DISCONNECT]	NTCUD	UDL56	1
13	GA	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 56 Kbps - Zone 2	NTCUD	UDL56	2
13	GA	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 56 Kbps - Zone 2 [DISCONNECT]	NTCUD	UDL56	2
13	GA	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 56 Kbps - Zone 3	NTCUD	UDL56	3

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	GA	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 56 Kbps - Zone 3 [DISCONNECT]	NTCUD	UDL56	3
13	GA	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 64 Kbps - Zone 1	NTCUD	UDL64	1
13	GA	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 64 Kbps - Zone 1 [DISCONNECT]	NTCUD	UDL64	1
13	GA	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 64 Kbps - Zone 2	NTCUD	UDL64	2
13	GA	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 64 Kbps - Zone 2 [DISCONNECT]	NTCUD	UDL64	2
13	GA	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 64 Kbps - Zone 3	NTCUD	UDL64	3
13	GA	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 64 Kbps - Zone 3 [DISCONNECT]	NTCUD	UDL64	3
13	GA	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 19.2, 56 or 64 Kbps - Switch-As-Is Conversion rate per UNE Loop, Single LSR, (per DS0)	NTCUD	URES	
13	GA	UNE LOOP COMMINGLING	Switch-As-Is Conversion rate per UNE Loop, Spreadsheet, (per DS0)	NTCUD	URESP	
15	GA	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 19.2, 56 or 64 Kbps - Order Coordination for Specified Conversion Time (per LSR)	NTCVG, NTCUD, NTCD1	OCOSL	
13	GA	MAINTENANCE OF SERVICE	Maintenance of Service Charge, Basic Time, per half hour	UDC, UEA, UDL, UDN, USL, UAL, UHL, UCL, NTCVG, NTCUD, NTCD1, U1TD1, U1TD3, U1TDX, U1TS1, U1TVX, UDF, UDFCX, UDLSX, UE3, ULDD1, ULDD3, ULDDX, ULDS1, ULDVX, UNC1X, UNC3X, UNCDX, UNCSX, UNCVX, ULS	MVVBT	
13	GA	MAINTENANCE OF SERVICE	Maintenance of Service Charge, Overtime, per half hour	UDC, UEA, UDL, UDN, USL, UAL, UHL, UCL, NTCVG, NTCUD, NTCD1, U1TD1, U1TD3, U1TDX, U1TS1, U1TVX, UDF, UDFCX, UDLSX, UE3, ULDD1, ULDD3, ULDDX, ULDS1, ULDVX, UNC1X, UNC3X, UNCDX, UNCSX, UNCVX, ULS	MVVOT	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	GA	MAINTENANCE OF SERVICE	Maintenance of Service Charge, Premium, per half hour	UDC, UEA, UDL, UDN, USL, UAL, UHL, UCL, NTCVG, NTCUD, NTCDD1, U1TD1, U1TD3, U1TDX, U1TS1, U1TVX, UDF, UDFCX, UDLSX, UE3, ULDD1, ULDD3, ULDDX, ULDS1, ULVDX, UNC1X, UNC3X, UNCDX, UNCSX, UNCVX, ULS	MVVPT	
14	GA	LOOP MODIFICATION	Unbundled Loop Modification, Removal of Load Coils - 2 Wire pair less than or equal to 18k ft, per Unbundled Loop	UAL, UHL, UCL, UEQ, ULS, UEA, UEANL, UEPSR, UEPSB	ULM2L	
14	GA	LOOP MODIFICATION	Unbundled Loop Modification Removal of Load Coils - 4 Wire less than or equal to 18K ft, per Unbundled Loop	UHL, UCL, UEA	ULM4L	
14	GA	LOOP MODIFICATION	Unbundled Loop Modification Removal of Bridged Tap Removal, per Unbundled Loop	UAL, UHL, UCL, UEQ, ULS, UEA, UEANL, UEPSR, UEPSB	ULMBT	
13MR-SL	GA	SUB-LOOPS	Sub-Loop - Per Cross Box Location - CLEC Feeder Facility Set-Up	UEANL, UEF	USBSA	
13MR-SL	GA	SUB-LOOPS	Sub-Loop - Per Cross Box Location - Per 25 Pair Panel Set-Up	UEANL, UEF	USBSB	
13MR-SL	GA	SUB-LOOPS	Sub-Loop - Per Building Equipment Room - CLEC Feeder Facility Set-Up	UEANL	USBSC	
13MR-SL	GA	SUB-LOOPS	Sub-Loop - Per Building Equipment Room - Per 25 Pair Panel Set-Up	UEANL	USBSD	
13MR-SL	GA	SUB-LOOPS	Unbundled Sub-Loops, Riser Cable, 2-Wire per Loop, Working and Spare Loop Activation	UEANL	USBRC	
13MR-SL	GA	SUB-LOOPS	Unbundled Sub-Loops, Riser Cable, 2-Wire per Loop, Working and Spare Loop Activation [DISCONNECT]	UEANL	USBRC	
13MR-SL	GA	SUB-LOOPS	Unbundled Sub-Loops, Riser Cable, 4-Wire per Loop, Working and Spare Loop Activation	UEANL	USBRD	
13MR-SL	GA	SUB-LOOPS	Unbundled Sub-Loops, Riser Cable, 4-Wire per Loop, Working and Spare Loop Activation [DISCONNECT]	UEANL	USBRD	
13MR-SL	GA	SUB-LOOPS	Sub-Loop Distribution Per 2-Wire Analog Voice Grade Loop - Zone 1	UEANL	USBN2	1
13MR-SL	GA	SUB-LOOPS	Sub-Loop Distribution Per 2-Wire Analog Voice Grade Loop - Zone 1 [DISCONNECT]	UEANL	USBN2	1
13MR-SL	GA	SUB-LOOPS	Sub-Loop Distribution Per 2-Wire Analog Voice Grade Loop - Zone 2	UEANL	USBN2	2

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13MR-SL	GA	SUB-LOOPS	Sub-Loop Distribution Per 2-Wire Analog Voice Grade Loop - Zone 2 [DISCONNECT]	UEANL	USBN2	2
13MR-SL	GA	SUB-LOOPS	Sub-Loop Distribution Per 2-Wire Analog Voice Grade Loop - Zone 3	UEANL	USBN2	3
13MR-SL	GA	SUB-LOOPS	Sub-Loop Distribution Per 2-Wire Analog Voice Grade Loop - Zone 3 [DISCONNECT]	UEANL	USBN2	3
13MR-SL	GA	SUB-LOOPS	Sub-Loop Distribution Per 4-Wire Analog Voice Grade Loop - Zone 1	UEANL	USBN4	1
13MR-SL	GA	SUB-LOOPS	Sub-Loop Distribution Per 4-Wire Analog Voice Grade Loop - Zone 1 [DISCONNECT]	UEANL	USBN4	1
13MR-SL	GA	SUB-LOOPS	Sub-Loop Distribution Per 4-Wire Analog Voice Grade Loop - Zone 2	UEANL	USBN4	2
13MR-SL	GA	SUB-LOOPS	Sub-Loop Distribution Per 4-Wire Analog Voice Grade Loop - Zone 2 [DISCONNECT]	UEANL	USBN4	2
13MR-SL	GA	SUB-LOOPS	Sub-Loop Distribution Per 4-Wire Analog Voice Grade Loop - Zone 3	UEANL	USBN4	3
13MR-SL	GA	SUB-LOOPS	Sub-Loop Distribution Per 4-Wire Analog Voice Grade Loop - Zone 3 [DISCONNECT]	UEANL	USBN4	3
13	GA	SUB-LOOPS	Order Coordination for Unbundled Sub-Loops, per sub-loop pair	UEANL	USBMC	
13MR-SL	GA	SUB-LOOPS	Sub-Loop 2-Wire Intrabuilding Network Cable (INC)	UEANL	USBR2	
13MR-SL	GA	SUB-LOOPS	Sub-Loop 2-Wire Intrabuilding Network Cable (INC) [DISCONNECT]	UEANL	USBR2	
13MR-SL	GA	SUB-LOOPS	Sub-Loop 4-Wire Intrabuilding Network Cable (INC)	UEANL	USBR4	
13MR-SL	GA	SUB-LOOPS	Sub-Loop 4-Wire Intrabuilding Network Cable (INC) [DISCONNECT]	UEANL	USBR4	
13MR-SL	GA	SUB-LOOPS	Loop Testing - Basic 1st Half Hour	UEANL	URET1	
13MR-SL	GA	SUB-LOOPS	Loop Testing - Basic Additional Half Hour	UEANL	URETA	
13MR-SL	GA	SUB-LOOPS	2 Wire Copper Unbundled Sub-Loop Distribution - Zone 1	UEF	UCS2X	1
13MR-SL	GA	SUB-LOOPS	2 Wire Copper Unbundled Sub-Loop Distribution - Zone 1 [DISCONNECT]	UEF	UCS2X	1
13MR-SL	GA	SUB-LOOPS	2 Wire Copper Unbundled Sub-Loop Distribution - Zone 2	UEF	UCS2X	2
13MR-SL	GA	SUB-LOOPS	2 Wire Copper Unbundled Sub-Loop Distribution - Zone 2 [DISCONNECT]	UEF	UCS2X	2

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13MR-SL	GA	SUB-LOOPS	2 Wire Copper Unbundled Sub-Loop Distribution - Zone 3	UEF	UCS2X	3
13MR-SL	GA	SUB-LOOPS	2 Wire Copper Unbundled Sub-Loop Distribution - Zone 3 [DISCONNECT]	UEF	UCS2X	3
13	GA	SUB-LOOPS	Order Coordination for Unbundled Sub-Loops, per sub-loop pair	UEF	USBMC	
13MR-SL	GA	SUB-LOOPS	4 Wire Copper Unbundled Sub-Loop Distribution - Zone 1	UEF	UCS4X	1
13MR-SL	GA	SUB-LOOPS	4 Wire Copper Unbundled Sub-Loop Distribution - Zone 1 [DISCONNECT]	UEF	UCS4X	1
13MR-SL	GA	SUB-LOOPS	4 Wire Copper Unbundled Sub-Loop Distribution - Zone 2	UEF	UCS4X	2
13MR-SL	GA	SUB-LOOPS	4 Wire Copper Unbundled Sub-Loop Distribution - Zone 2 [DISCONNECT]	UEF	UCS4X	2
13MR-SL	GA	SUB-LOOPS	4 Wire Copper Unbundled Sub-Loop Distribution - Zone 3	UEF	UCS4X	3
13MR-SL	GA	SUB-LOOPS	4 Wire Copper Unbundled Sub-Loop Distribution - Zone 3 [DISCONNECT]	UEF	UCS4X	3
13MR-SL	GA	SUB-LOOPS	Loop tagging Service Level 1, Unbundled Copper Loop, Non-Designed and Distribution Subloops	UEF, UEANL	URETL	
13MR-SL	GA	SUB-LOOPS	Loop Testing - Basic 1st Half Hour	UEF	URET1	
13MR-SL	GA	SUB-LOOPS	Loop Testing - Basic Additional Half Hour	UEF	URETA	
13	GA	SUB-LOOPS	Unbundled Sub-Loop Modification - 2-W Copper Dist Load Coil/Equip Removal per 2-W PR	UEF	ULM2X	
13	GA	SUB-LOOPS	Unbundled Sub-loop Modification - 4-W Copper Dist Load Coil/Equip Removal per 4-W PR	UEF	ULM4X	
13	GA	SUB-LOOPS	Unbundled Sub-Loop Modification, Removal of bridge Tap, per unbundled loop	UEF	ULMBT	
13MR-SL	GA	SUB-LOOPS	Unbundled Network Terminating Wire (UNTW) per Pair	UENTW	UENPP	
13	GA	ADDITIONAL NETWORK ELEMENTS	Network Interface Device (NID) - 1-2 lines	UENTW	UND12	
13	GA	ADDITIONAL NETWORK ELEMENTS	Network Interface Device (NID) - 1-6 lines	UENTW	UND16	
13	GA	ADDITIONAL NETWORK ELEMENTS	Network Interface Device Cross Connect - 2 W	UENTW	UNDC2	
13	GA	ADDITIONAL NETWORK ELEMENTS	Network Interface Device Cross Connect - 4W	UENTW	UNDC4	
13	GA	UNE OTHER, PROVISIONING ONLY - NO RATE	Unbundled Contact Name, Provisioning Only - no rate	UAL, UCL, UDC, UDL, UDN, UEA, UHL, UEANL, UEF, UEQ, UENTW, NTCVG, NTCUD, NTCD1, USL,	UNECN	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	GA	UNE OTHER, PROVISIONING ONLY - NO RATE	Unbundled DS1 Loop - Superframe Format Option - no rate	USL, NTCD1	CCOSF	
13	GA	UNE OTHER, PROVISIONING ONLY - NO RATE	Unbundled DS1 Loop - Expanded Superframe Format option - no rate	USL, NTCD1	CCOEF	
13	GA	UNE OTHER, PROVISIONING ONLY - NO RATE	NID - Dispatch and Service Order for NID installation	UENTW	UNDBX	
13MR-SL	GA	UNE OTHER, PROVISIONING ONLY - NO RATE	UNTW Circuit Establishment, Provisioning Only - No Rate	UENTW	UENCE	
14	GA	LOOP MAKE-UP	Loop Makeup - Preordering Without Reservation, per working or spare facility queried (Manual).	UMK	UMKLW	
14	GA	LOOP MAKE-UP	Loop Makeup - Preordering With Reservation, per spare facility queried (Manual).	UMK	UMKLP	
14	GA	LOOP MAKE-UP	Loop Makeup--With or Without Reservation, per working or spare facility queried (Mechanized)	UMK	UMKMQ	
14R-LS	GA	LINE SPLITTING	End User Ordering - Central Office Based - Line Splitting - per line activation DLEC owned splitter	UEPSR, UEPSB	UREOS	
14R-LS	GA	LINE SPLITTING	End User Ordering - Central Office Based - Line Splitting - per line activation AT&T owned - physical	UEPSR, UEPSB	UREBP	
14R-LS	GA	LINE SPLITTING	End User Ordering - Central Office Based - Line Splitting - per line activation AT&T owned - physical [DISCONNECT]	UEPSR, UEPSB	UREBP	
14R-LS	GA	LINE SPLITTING	End User Ordering - Central Office Based - Line Splitting - per line activation AT&T owned - virtual	UEPSR, UEPSB	UREBV	
14R-LS	GA	LINE SPLITTING	End User Ordering - Central Office Based - Line Splitting - per line activation AT&T owned - virtual [DISCONNECT]	UEPSR, UEPSB	UREBV	
14R-LS	GA	LINE SPLITTING	End User Ordering - Remote Site Shared Loop Line Activation for End Users - CLEC Owned Splitter	UEPSR, UEPSB	URERS	
14R-LS	GA	LINE SPLITTING	End User Ordering - Remote Site Shared Loop Line Activation for End Users - CLEC Owned Splitter [DISCONNECT]	UEPSR, UEPSB	URERS	
14R-LS	GA	LINE SPLITTING	End User Ordering - Remote Site Shared Loop - Subsequent Activity - CLEC Owned Splitter	UEPSR, UEPSB	URERA	
14R-LS	GA	LINE SPLITTING	Unbundled Exchange Access Loop - Remote Site 2 Wire Analog Voice Grade Loop -Service Level 1- Line Splitting - CLEC Owned Splitter - Zone 1	UEPSR, UEPSB	UEARS	1

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
14R-LS	GA	LINE SPLITTING	Unbundled Exchange Access Loop - Remote Site 2 Wire Analog Voice Grade Loop -Service Level 1- Line Splitting - CLEC Owned Splitter - Zone 1 [DISCONNECT]	UEPSR, UEPSB	UEARS	1
14R-LS	GA	LINE SPLITTING	Unbundled Exchange Access Loop - Remote Site 2 Wire Analog Voice Grade Loop -Service Level 1- Line Splitting - CLEC Owned Splitter - Zone 2	UEPSR, UEPSB	UEARS	2
14R-LS	GA	LINE SPLITTING	Unbundled Exchange Access Loop - Remote Site 2 Wire Analog Voice Grade Loop -Service Level 1- Line Splitting - CLEC Owned Splitter - Zone 2 [DISCONNECT]	UEPSR, UEPSB	UEARS	2
14R-LS	GA	LINE SPLITTING	Unbundled Exchange Access Loop - Remote Site 2 Wire Analog Voice Grade Loop -Service Level 1- Line Splitting - CLEC Owned Splitter - Zone 3	UEPSR, UEPSB	UEARS	3
14R-LS	GA	LINE SPLITTING	Unbundled Exchange Access Loop - Remote Site 2 Wire Analog Voice Grade Loop -Service Level 1- Line Splitting - CLEC Owned Splitter - Zone 3 [DISCONNECT]	UEPSR, UEPSB	UEARS	3
14R-LS	GA	LINE SPLITTING	Unbundled Exchange Access Loop - UNE Loop - 2-Wire Voice Grade Loop (SL1) for Line Splitting - Zone 1	UEPSR, UEPSB	UEALS	1
14R-LS	GA	LINE SPLITTING	Unbundled Exchange Access Loop - UNE Loop - 2-Wire Voice Grade Loop (SL1) for Line Splitting - Zone 1 [DISCONNECT]	UEPSR, UEPSB	UEALS	1
14R-LS	GA	LINE SPLITTING	Unbundled Exchange Access Loop - UNE Loop - 2-Wire Voice Grade Loop (SL1) for Line Splitting - Zone 1	UEPSR, UEPSB	UEABS	1
14R-LS	GA	LINE SPLITTING	Unbundled Exchange Access Loop - UNE Loop - 2-Wire Voice Grade Loop (SL1) for Line Splitting - Zone 1 [DISCONNECT]	UEPSR, UEPSB	UEABS	1
14R-LS	GA	LINE SPLITTING	Unbundled Exchange Access Loop - UNE Loop - 2-Wire Voice Grade Loop (SL1) for Line Splitting - Zone 2	UEPSR, UEPSB	UEALS	2
14R-LS	GA	LINE SPLITTING	Unbundled Exchange Access Loop - UNE Loop - 2-Wire Voice Grade Loop (SL1) for Line Splitting - Zone 2 [DISCONNECT]	UEPSR, UEPSB	UEALS	2

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
14R-LS	GA	LINE SPLITTING	Unbundled Exchange Access Loop - UNE Loop - 2-Wire Voice Grade Loop (SL1) for Line Splitting - Zone 2	UEPSR, UEPSB	UEABS	2
14R-LS	GA	LINE SPLITTING	Unbundled Exchange Access Loop - UNE Loop - 2-Wire Voice Grade Loop (SL1) for Line Splitting - Zone 2 [DISCONNECT]	UEPSR, UEPSB	UEABS	2
14R-LS	GA	LINE SPLITTING	Unbundled Exchange Access Loop - UNE Loop - 2-Wire Voice Grade Loop (SL1)for Line Splitting - Zone 3	UEPSR, UEPSB	UEALS	3
14R-LS	GA	LINE SPLITTING	Unbundled Exchange Access Loop - UNE Loop - 2-Wire Voice Grade Loop (SL1)for Line Splitting - Zone 3 [DISCONNECT]	UEPSR, UEPSB	UEALS	3
14R-LS	GA	LINE SPLITTING	Unbundled Exchange Access Loop - UNE Loop - 2-Wire Voice Grade Loop (SL1)for Line Splitting - Zone 3	UEPSR, UEPSB	UEABS	3
14R-LS	GA	LINE SPLITTING	Unbundled Exchange Access Loop - UNE Loop - 2-Wire Voice Grade Loop (SL1)for Line Splitting - Zone 3 [DISCONNECT]	UEPSR, UEPSB	UEABS	3
14R-LS	GA	LINE SPLITTING	Unbundled Exchange Access Loop - Physical Collocation-2 Wire Cross Connects (Loop) for Line Splitting	UEPSR, UEPSB	PE1LS	
14R-LS	GA	LINE SPLITTING	Unbundled Exchange Access Loop - Virtual Collocation-2 Wire Cross Connects (Loop) for Line Splitting	UEPSR, UEPSB	VE1LS	
14R-LS	GA	LINE SPLITTING	Unbundled Exchange Access Loop - Virtual Collocation-2 Wire Cross Connects (Loop) for Line Splitting [DISCONNECT]	UEPSR, UEPSB	VE1LS	
13	GA	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS1 - per mile	U1TD1	1L5XX	
13	GA	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS1 - Facility Termination	U1TD1	U1TF1	
13	GA	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS1 - Facility Termination [DISCONNECT]	U1TD1	U1TF1	
13	GA	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS3 - per mile	U1TD3	1L5XX	
13	GA	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS3 - Facility Termination	U1TD3	U1TF3	
13	GA	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS3 - Facility Termination [DISCONNECT]	U1TD3	U1TF3	
13	GA	UNBUNDLED DEDICATED TRANSPORT	Dark Fiber - Interoffice Transport, Per Four Fiber Strands, Per Route Mile Or Fraction Thereof	UDF	1L5DF	
13	GA	UNBUNDLED DEDICATED TRANSPORT	Dark Fiber - Interoffice Transport, Per Four Fiber Strands, Per Route Mile Or Fraction Thereof	UDF	UDF14	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	GA	UNBUNDLED DEDICATED TRANSPORT	Dark Fiber - Interoffice Transport, Per Four Fiber Strands, Per Route Mile Or Fraction Thereof [DISCONNECT]	UDF	UDF14	
13	GA	HIGH CAPACITY UNBUNDLED LOCAL LOOP	Stand Alone - DS3 Unbundled Local Loop - per mile	UE3	1L5ND	
13	GA	HIGH CAPACITY UNBUNDLED LOCAL LOOP	Stand Alone -DS3 Unbundled Local Loop - Facility Termination	UE3	UE3PX	
13	GA	HIGH CAPACITY UNBUNDLED LOCAL LOOP	Stand Alone -DS3 Unbundled Local Loop - Facility Termination [DISCONNECT]	UE3	UE3PX	
13	GA	ENHANCED EXTENDED LINK (EELs)	4-Wire Analog Voice Grade Loop in Combination - Zone 1	UNCVX	UEAL4	1
13	GA	ENHANCED EXTENDED LINK (EELs)	4-Wire Analog Voice Grade Loop in Combination - Zone 1 [DISCONNECT]	UNCVX	UEAL4	1
13	GA	ENHANCED EXTENDED LINK (EELs)	4-Wire Analog Voice Grade Loop in Combination - Zone 2	UNCVX	UEAL4	2
13	GA	ENHANCED EXTENDED LINK (EELs)	4-Wire Analog Voice Grade Loop in Combination - Zone 2 [DISCONNECT]	UNCVX	UEAL4	2
13	GA	ENHANCED EXTENDED LINK (EELs)	4-Wire Analog Voice Grade Loop in Combination - Zone 3	UNCVX	UEAL4	3
13	GA	ENHANCED EXTENDED LINK (EELs)	4-Wire Analog Voice Grade Loop in Combination - Zone 3 [DISCONNECT]	UNCVX	UEAL4	3
13	GA	ENHANCED EXTENDED LINK (EELs)	4-Wire DS1 Digital Loop in Combination - Zone 1	UNC1X	USLXX	1
13	GA	ENHANCED EXTENDED LINK (EELs)	4-Wire DS1 Digital Loop in Combination - Zone 1 [DISCONNECT]	UNC1X	USLXX	1
13	GA	ENHANCED EXTENDED LINK (EELs)	4-Wire DS1 Digital Loop in Combination - Zone 2	UNC1X	USLXX	2
13	GA	ENHANCED EXTENDED LINK (EELs)	4-Wire DS1 Digital Loop in Combination - Zone 2 [DISCONNECT]	UNC1X	USLXX	2
13	GA	ENHANCED EXTENDED LINK (EELs)	4-Wire DS1 Digital Loop in Combination - Zone 3	UNC1X	USLXX	3
13	GA	ENHANCED EXTENDED LINK (EELs)	4-Wire DS1 Digital Loop in Combination - Zone 3 [DISCONNECT]	UNC1X	USLXX	3
13	GA	ENHANCED EXTENDED LINK (EELs)	DS3 Local Loop in combination - per mile	UNC3X	1L5ND	
13	GA	ENHANCED EXTENDED LINK (EELs)	DS3 Local Loop in combination - Facility Termination	UNC3X	UE3PX	
13	GA	ENHANCED EXTENDED LINK (EELs)	DS3 Local Loop in combination - Facility Termination [DISCONNECT]	UNC3X	UE3PX	
13	GA	ENHANCED EXTENDED LINK (EELs)	Interoffice Channel in combination - DS1 - per mile	UNC1X	1L5XX	
13	GA	ENHANCED EXTENDED LINK (EELs)	Interoffice Channel in combination - DS1 Facility Termination	UNC1X	U1TF1	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	GA	ENHANCED EXTENDED LINK (EELs)	Interoffice Channel in combination - DS1 Facility Termination [DISCONNECT]	UNC1X	U1TF1	
13	GA	ENHANCED EXTENDED LINK (EELs)	Interoffice Channel in combination - DS3 - per mile	UNC3X	1L5XX	
13	GA	ENHANCED EXTENDED LINK (EELs)	Interoffice Channel in combination - DS3 - Facility Termination	UNC3X	U1TF3	
13	GA	ENHANCED EXTENDED LINK (EELs)	Interoffice Channel in combination - DS3 - Facility Termination [DISCONNECT]	UNC3X	U1TF3	
13	GA	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: Clear Channel Capability Extended Frame Option - per DS1	U1TD1, UNC1X	CCOEF	
13	GA	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: Clear Channel Capability Super FrameOption - per DS1	U1TD1, UNC1X	CCOSF	
13	GA	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: Clear Channel Capability (SF/ESF) Option - Subsequent Activity - per DS1	U1TD1, UNC1X, USL	NRCCC	
13	GA	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: Clear Channel Capability (SF/ESF) Option - Subsequent Activity - per DS1 [DISCONNECT]	U1TD1, UNC1X, USL	NRCCC	
13	GA	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: C-bit Parity Option - Subsequent Activity - per DS3	U1TD3, UE3, UNC3X	NRCC3	
13	GA	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: C-bit Parity Option - Subsequent Activity - per DS3 [DISCONNECT]	U1TD3, UE3, UNC3X	NRCC3	
13	GA	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: DS1/DS0 Channel System	UNC1X	MQ1	
13	GA	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: DS1/DS0 Channel System [DISCONNECT]	UNC1X	MQ1	
13	GA	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: DS3/DS1Channel System	UNC3X	MQ3	
13	GA	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: DS3/DS1Channel System [DISCONNECT]	UNC3X	MQ3	
13	GA	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: Voice Grade COCI in combination	UNCVX	1D1VG	
13	GA	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: Voice Grade COCI in combination [DISCONNECT]	UNCVX	1D1VG	
13	GA	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: Voice Grade COCI - for 2W-SL2 & 4W Voice Grade Local Loop	UEA	1D1VG	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	GA	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: Voice Grade COCI - for 2W-SL2 & 4W Voice Grade Local Loop [DISCONNECT]	UEA	1D1VG	
13	GA	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: DS1 COCI in combination	UNC1X	UC1D1	
13	GA	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: DS1 COCI in combination [DISCONNECT]	UNC1X	UC1D1	
13	GA	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: DS1 COCI - for Stand Alone Interoffice Channel	U1TD1	UC1D1	
13	GA	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: DS1 COCI - for Stand Alone Interoffice Channel [DISCONNECT]	U1TD1	UC1D1	
13	GA	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: DS1 COCI - for DS1 Local Loop	USL, NTCD1	UC1D1	
13	GA	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: DS1 COCI - for DS1 Local Loop [DISCONNECT]	USL, NTCD1	UC1D1	
13	GA	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: Wholesale - UNE, Switch-As-Is Conversion Charge	UNCVX, UNC1X, UNC3X, XDH1X, HFQC6, XDD2X, XDV6X	UNCCC	
13	GA	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: Wholesale - UNE, Switch-As-Is Conversion Charge [DISCONNECT]	UNCVX, UNC1X, UNC3X, XDH1X, HFQC6, XDD2X, XDV6X	UNCCC	
13	GA	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: Unbundled Misc Rate Element, SNE SAI, Single Network Element - Switch As Is Non-recurring Charge, per circuit (LSR)	U1TVX, U1TD3, UDF, UE3	URES	
13	GA	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: Unbundled Misc Rate Element, SNE SAI, Single Network Element - Switch As Is Non-recurring Charge, per circuit (LSR) [DISCONNECT]	U1TVX, U1TD3, UDF, UE3	URES	
13	GA	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: Unbundled Misc Rate Element, SNE SAI, Single Network Element - Switch As Is Non-recurring Charge, incremental charge per circuit on a spreadsheet	U1TVX, U1TD3, UDF, UE3	URESP	
13	GA	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: Unbundled Misc Rate Element, SNE SAI, Single Network Element - Switch As Is Non-recurring Charge, incremental charge per circuit on a spreadsheet [DISCONNECT]	U1TVX, U1TD3, UDF, UE3	URESP	
13	GA	ADDITIONAL NETWORK ELEMENTS	Service Rearrangements - NRC - Order Coordination Specific Time - Dedicated Transport	UNC1X, UNC3X	OCOSR	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	GA	COMMINGLING	Commingling Authorization	UNCVX, UNC1X, UNC3X, U1TD3, UE3, U1TVX	CMGAU	
13	GA	COMMINGLING	Commingling Authorization [DISCONNECT]	UNCVX, UNC1X, UNC3X, U1TD3, UE3, U1TVX	CMGAU	
13	GA	COMMINGLING	Commingled VG COCI	XDV2X	1D1VG	
13	GA	COMMINGLING	Commingled VG COCI [DISCONNECT]	XDV2X	1D1VG	
13	GA	COMMINGLING	Commingled 4-wire Local Loop Zone 1	XDV6X	UEAL4	1
13	GA	COMMINGLING	Commingled 4-wire Local Loop Zone 1 [DISCONNECT]	XDV6X	UEAL4	1
13	GA	COMMINGLING	Commingled 4-wire Local Loop Zone 2	XDV6X	UEAL4	2
13	GA	COMMINGLING	Commingled 4-wire Local Loop Zone 2 [DISCONNECT]	XDV6X	UEAL4	2
13	GA	COMMINGLING	Commingled 4-wire Local Loop Zone 3	XDV6X	UEAL4	3
13	GA	COMMINGLING	Commingled 4-wire Local Loop Zone 3 [DISCONNECT]	XDV6X	UEAL4	3
13	GA	COMMINGLING	Commingled DS1 COCI	XDH1X	UC1D1	
13	GA	COMMINGLING	Commingled DS1 COCI [DISCONNECT]	XDH1X	UC1D1	
13	GA	COMMINGLING	Commingled DS1 Interoffice Channel	XDH1X	U1TF1	
13	GA	COMMINGLING	Commingled DS1 Interoffice Channel [DISCONNECT]	XDH1X	U1TF1	
13	GA	COMMINGLING	Commingled DS1 Interoffice Channel Mileage	XDH1X	1L5XX	
13	GA	COMMINGLING	Commingled DS1/DS0 Channel System	XDH1X	MQ1	
13	GA	COMMINGLING	Commingled DS1/DS0 Channel System [DISCONNECT]	XDH1X	MQ1	
13	GA	COMMINGLING	Commingled DS1 Local Loop Zone 1	XDH1X	USLXX	1
13	GA	COMMINGLING	Commingled DS1 Local Loop Zone 1 [DISCONNECT]	XDH1X	USLXX	1
13	GA	COMMINGLING	Commingled DS1 Local Loop Zone 2	XDH1X	USLXX	2
13	GA	COMMINGLING	Commingled DS1 Local Loop Zone 2 [DISCONNECT]	XDH1X	USLXX	2
13	GA	COMMINGLING	Commingled DS1 Local Loop Zone 3	XDH1X	USLXX	3
13	GA	COMMINGLING	Commingled DS1 Local Loop Zone 3 [DISCONNECT]	XDH1X	USLXX	3
13	GA	COMMINGLING	Commingled DS3 Local Loop	HFQC6	UE3PX	
13	GA	COMMINGLING	Commingled DS3 Local Loop [DISCONNECT]	HFQC6	UE3PX	
13	GA	COMMINGLING	Commingled DS3/DS1 Channel System	HFQC6	MQ3	
13	GA	COMMINGLING	Commingled DS3/DS1 Channel System [DISCONNECT]	HFQC6	MQ3	
13	GA	COMMINGLING	Commingled DS3 Interoffice Channel	HFQC6	U1TF3	
13	GA	COMMINGLING	Commingled DS3 Interoffice Channel [DISCONNECT]	HFQC6	U1TF3	
13	GA	COMMINGLING	Commingled DS3 Interoffice Channel Mileage	HFQC6	1L5XX	
13	GA	COMMINGLING	UNE to Commingled Conversion Tracking	XDH1X, HFQC6	CMGUN	
13	GA	COMMINGLING	UNE to Commingled Conversion Tracking [DISCONNECT]	XDH1X, HFQC6	CMGUN	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	GA	COMMINGLING	SPA to Commingled Conversion Tracking	XDH1X, HFQC6	CMGSP	
13	GA	COMMINGLING	SPA to Commingled Conversion Tracking [DISCONNECT]	XDH1X, HFQC6	CMGSP	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	IL	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Loop -Rural (Access Area C)	MUJ++, EE7JX, UOB++, UOR++	U2HXC	C
13	IL	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Loop - Suburban (Access Area B)	MUJ++, EE7JX, UOB++, UOR++	U2HXB	B
13	IL	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Loop - Metro (Access Area A)	MUJ++, EE7JX, UOB++, UOR++	U2HXA	A
13	IL	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Ground Start Loop, Analog/Reverse Battery-Rural(Access Area C)	MUJ++, EE7JX, UOB++, UOR++	U2WXC	C
13	IL	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Ground Start Loop, Analog/Reverse Battery-Suburban(Access Area B)	MUJ++, EE7JX, UOB++, UOR++	U2WXB	B
13	IL	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Ground Start Loop, analog/Reverse Battery-Metro(Access Area A)	MUJ++, EE7JX, UOB++, UOR++	U2WXA	A
13	IL	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Ground Start Loop, PBX-Rural (Access Area C)	MUJ++, EE7JX, UOB++, UOR++	U2JXC	C
13	IL	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Ground Start Loop, PBX-Suburban (Access Area B)	MUJ++, EE7JX, UOB++, UOR++	U2JXB	B
13	IL	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Ground Start Loop, PBX-Metro (Access Area A)	MUJ++, EE7JX, UOB++, UOR++	U2JXA	A
13	IL	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire COPTS Coin Loop-Rural (Access Area C)	MUJ++, UOB++, UOR++	U2CXC	C
13	IL	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire COPTS Coin Loop-Suburban (Access Area B)	MUJ++, UOB++, UOR++	U2CXB	B
13	IL	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire COPTS Coin Loop-Metro (Access Area A)	MUJ++, UOB++, UOR++	U2CXA	A
13	IL	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire EKL - Rural (Access Area C)	MUJ++, UOB++, UOR++	U2KXC	C
13	IL	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire EKL - Suburban (Access Area B)	MUJ++, UOB++, UOR++	U2KXB	B
13	IL	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire EKL - Metro (Access Area A)	MUJ++, UOB++, UOR++	U2KXA	A
13	IL	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Loop - Rural (Access Area C)	MUJ++, EE7KX, UOB++, UOR++	U4HXC	C
13	IL	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Loop - Suburban (Access Area B)	MUJ++, EE7KX, UOB++, UOR++	U4HXB	B
13	IL	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Loop - Metro Access Area A)	MUJ++, EE7KX, UOB++, UOR++	U4HXA	A
13	IL	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Digital Loop - Rural (Access Area C)	MUJ++, EE7LX, UOB++, UOR++	U2QXC	C
13	IL	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Digital Loop - Suburban (Access Area B)	MUJ++, EE7LX, UOB++, UOR++	U2QXB	B
13	IL	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Digital Loop - Metro (Access Area A)	MUJ++, EE7LX, UOB++, UOR++	U2QXA	A
13	IL	UNBUNDLED EXCHANGE ACCESS LOOP	DS1 Loop - Rural (Access Area C)	MUJ++, EE7MX, UOB++, UOR++	4U1XC	C
13	IL	UNBUNDLED EXCHANGE ACCESS LOOP	DS1 Loop - Suburban (Access Area B)	MUJ++, EE7MX, UOB++, UOR++	4U1XB	B
13	IL	UNBUNDLED EXCHANGE ACCESS LOOP	DS1 Loop - Metro (Access Area A)	MUJ++, EE7MX, UOB++, UOR++	4U1XA	A
13	IL	UNBUNDLED EXCHANGE ACCESS LOOP	DS3 Loop - Rural (Access Area C)	MUJ++, EE7MX, UOB++, UOR++	U4D3C	C
13	IL	UNBUNDLED EXCHANGE ACCESS LOOP	DS3 Loop - Suburban (Access Area B)	MUJ++, EE7MX, UOB++, UOR++	U4D3B	B

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	IL	UNBUNDLED EXCHANGE ACCESS LOOP	DS3 Loop - Metro (Access Area A)	MUJ++, EE7MX, UOB++, UOR++	U4D3A	A
14	IL	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #1 - 2-Wire xDSL Loop Access Area C- Rural	MUJ++, UOB++, UOR++	2SLA3	C
14	IL	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #1 - 2-Wire xDSL Loop Access Area B- Suburban	MUJ++, UOB++, UOR++	2SLA2	B
14	IL	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #1 - 2-Wire xDSL Loop Access Area A- Metro	MUJ++, UOB++, UOR++	2SLA1	A
14	IL	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #2 - 2-Wire xDSL Loop Access Area C- Rural	MUJ++, UOB++, UOR++	2SLC3	C
14	IL	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #2 - 2-Wire xDSL Loop Access Area B- Suburban	MUJ++, UOB++, UOR++	2SLC2	B
14	IL	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #2 - 2-Wire xDSL Loop Access Area A- Metro	MUJ++, UOB++, UOR++	2SLC1	A
14	IL	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #3 - 2-Wire xDSL Loop Access Area C- Rural	MUJ++, UOB++, UOR++	2SLB3	C
14	IL	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #3 - 2-Wire xDSL Loop Access Area B- Suburban	MUJ++, UOB++, UOR++	2SLB2	B
14	IL	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #3 - 2-Wire xDSL Loop Access Area A- Metro	MUJ++, UOB++, UOR++	2SLB1	A
14	IL	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #4 - 2-Wire xDSL Loop Access Area C- Rural	MUJ++, UOB++, UOR++	2SLD3	C
14	IL	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #4 - 2-Wire xDSL Loop Access Area B- Suburban	MUJ++, UOB++, UOR++	2SLD2	B
14	IL	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #4 - 2-Wire xDSL Loop Access Area A- Metro	MUJ++, UOB++, UOR++	2SLD1	A
14	IL	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #5 - 2-Wire xDSL Loop Access Area C- Rural	MUJ++, UOB++, UOR++	UWRA3	C
14	IL	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #5 - 2-Wire xDSL Loop Access Area B- Suburban	MUJ++, UOB++, UOR++	UWRA2	B
14	IL	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #5 - 2-Wire xDSL Loop Access Area A- Metro	MUJ++, UOB++, UOR++	UWRA1	A
14	IL	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #7 - 2-Wire xDSL Loop Access Area C- Rural	MUJ++, UOB++, UOR++	2SLF3	C
14	IL	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #7 - 2-Wire xDSL Loop Access Area B- Suburban	MUJ++, UOB++, UOR++	2SLF2	B
14	IL	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #7 - 2-Wire xDSL Loop Access Area A- Metro	MUJ++, UOB++, UOR++	2SLF1	A
14	IL	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #3 - 4-Wire xDSL Loop Access Area C- Rural	MUJ++, UOB++, UOR++	4SL13	C
14	IL	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #3 - 4-Wire xDSL Loop Access Area B- Suburban	MUJ++, UOB++, UOR++	4SL12	B
14	IL	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #3 - 4-Wire xDSL Loop Access Area A- Metro	MUJ++, UOB++, UOR++	4SL11	A
13	IL	UNBUNDLED EXCHANGE ACCESS LOOP	IDSL Loop Access Area C - Rural	MUJ++, UOB++, UOR++	UY5FC	C
13	IL	UNBUNDLED EXCHANGE ACCESS LOOP	IDSL Loop Access Area B - Suburban	MUJ++, UOB++, UOR++	UY5FB	B
13	IL	UNBUNDLED EXCHANGE ACCESS LOOP	IDSL Loop Access Area A - Metro	MUJ++, UOB++, UOR++	UY5FA	A
14	IL	UNBUNDLED EXCHANGE ACCESS LOOP	Line & Station Transfer(LST) performed on CODSLAM Loop	MUJ++, UOB++, UOR++	URCLD	
13MR-SL	IL	SUB-LOOPS	Line & Station Transfer(LST) performed on Sub Loop	MUJ++, UOB++, UOR++	URCLB	
14	IL	LOOP MAKE-UP	Loop Qualification Process - Mechanized	MUJ++, UOB++, UOR++	NR98U	
14	IL	LOOP MAKE-UP	Loop Qualification Process - Manual	MUJ++, UOB++, UOR++	NRBXU	
14	IL	LOOP MODIFICATION	DSL Conditioning Options - >12KFT and < 17.5KFT Removal of Repeater Options - per element	MUJ++, UOB++, UOR++	NRBXV	
14	IL	LOOP MODIFICATION	Removal Excessive Bridged Tap Option - per element	MUJ++, UOB++, UOR++	NRBXW	
14	IL	LOOP MODIFICATION	DSL Conditioning Options - >12KFT and < 17.5KFT Removal of Load Coil - per element	MUJ++, UOB++, UOR++	NRBXZ	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
14	IL	LOOP MODIFICATION	DSL Conditioning Options - >17.5KFT in addition to the rates for > 12KFT and < 17.5KFT per element Removal of Repeater Options - per element	MUJ++, UOB++, UOR++	NRBNL	
14	IL	LOOP MODIFICATION	DSL Conditioning Options - >17.5KFT in addition to the rates for > 12KFT and < 17.5KFT per element Removal Excessive Bridged Tap Option - per element	MUJ++, UOB++, UOR++	NRBNK	
14	IL	LOOP MODIFICATION	Removal of Load Coil - per element	MUJ++, UOB++, UOR++	NRBNJ	
14	IL	LOOP MODIFICATION	Removal of non-excessive bridged tap DSL loops >0Kft. And <17.5Kft.	MUJ++, UOB++, UOR++	NRM RJ	
14	IL	LOOP MODIFICATION	Removal of All Bridged Tap DSL Loops 12Kft. To 17.5Kft.	MUJ++, UOB++, UOR++	NRM RP	
14	IL	LOOP MODIFICATION	Removal of non-excessive bridged tap DSL loops >17.5Kft DSL Loops - per element incremental	MUJ++, UOB++, UOR++	NRM RS	
14	IL	LOOP MODIFICATION	Removal of All Bridged Tap DSL loops >17.5Kft. - per element incremental	MUJ++, UOB++, UOR++	NRM RM	
13	IL	UNBUNDLED EXCHANGE ACCESS LOOP	Loop Non-Recurring Charges - Service Ordering Charge - Analog Loops - Initial - Per Occasion (Connect + Disconnect Service Order - Initial (Connect))	MUJ++, EE7JX, EE7KX, EE7LX, UOB++, UOR++	SEPUP	
13	IL	UNBUNDLED EXCHANGE ACCESS LOOP	Loop Non-Recurring Charges - Service Ordering Charge - Analog Loops - Initial - Per Occasion (Connect + Disconnect) Service Order - (Disconnect)	MUJ++, UOB++, UOR++	NKCG6	
13	IL	UNBUNDLED EXCHANGE ACCESS LOOP	Loop Non-Recurring Charges - Service Ordering Charge - Analog Loops - Subsequent - Per Occasion	MUJ++, EE7JX, EE7KX, EE7LX, UOB++, UOR++	REAH9	
13	IL	UNBUNDLED EXCHANGE ACCESS LOOP	Loop Non-Recurring Charges - Service Ordering Charge - Analog Loops - Record Work Only - Per Occasion	MUJ++, EE7JX, EE7KX, EE7LX, UOB++, UOR++	NR9UP	
13	IL	UNBUNDLED EXCHANGE ACCESS LOOP	Loop Non-Recurring Charges - Line Connection (Initial)	MUJ++, EE7JX, EE7KX, EE7LX, UOB++, UOR++	SEPUC	
13	IL	UNBUNDLED EXCHANGE ACCESS LOOP	Loop Non-Recurring Charges - Line Connection (Additional)	MUJ++, EE7JX, EE7KX, EE7LX, UOB++, UOR++	1CRG7	
13	IL	UNBUNDLED EXCHANGE ACCESS LOOP	Loop Non-Recurring Charges - Line Connection (Disconnect-Initial)	MUJ++, EE7JX, EE7KX, EE7LX, UOB++, UOR++	NKCG7	
13	IL	UNBUNDLED EXCHANGE ACCESS LOOP	Loop Non-Recurring Charges - Line Connection (Disconnect-Additional)	MUJ++, EE7JX, EE7KX, EE7LX, UOB++, UOR++	NKCG5	
13	IL	UNBUNDLED EXCHANGE ACCESS LOOP	Loop Non-Recurring Charges - Service Ordering -(DS1) - Administrative Charge (Connect)	MUJ++, EE7MX, UOB++, UOR++	NR90R	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	IL	UNBUNDLED EXCHANGE ACCESS LOOP	Loop Non-Recurring Charges - Service Ordering -(DS1) - Administrative Charge (Disconnect)	MUJ++, EE7MX, UOB++, UOR++	NR9OT	
13	IL	UNBUNDLED EXCHANGE ACCESS LOOP	Loop Non-Recurring Charges-(DS1) Connection Initial	MUJ++, EE7MX, UOB++, UOR++	1CRG1	
13	IL	UNBUNDLED EXCHANGE ACCESS LOOP	Loop Non-Recurring Charges Service Provisioning - (DS1) Connection Additional	MUJ++, EE7MX, UOB++, UOR++	1CRG2	
13	IL	UNBUNDLED EXCHANGE ACCESS LOOP	Loop Non-Recurring Charges Service Provisioning - (DS1) Disconnection Initial	MUJ++, EE7MX, UOB++, UOR++	NKCG1	
13	IL	UNBUNDLED EXCHANGE ACCESS LOOP	Loop Non-Recurring Charges-Service Ordering-DS1) Disconnection Additional	MUJ++, EE7MX, UOB++, UOR++	NKCG2	
13	IL	UNBUNDLED EXCHANGE ACCESS LOOP	Loop Non-Recurring Charges - Service Provisioning (DS3) - Administrative Charge Connection Initial	MUJ++, EE7NX, UOB++, UOR++	NR9OY	
13	IL	UNBUNDLED EXCHANGE ACCESS LOOP	Loop Non-Recurring Charges - Service Provisioning (DS3) - Administrative Charge Connection Additional	MUJ++, EE7NX, UOB++, UOR++	NR9OZ	
13	IL	UNBUNDLED EXCHANGE ACCESS LOOP	Loop Non-Recurring Charges - Service Provisioning DS3 Connection Initial	MUJ++, EE7NX, UOB++, UOR++	1CRG3	
13	IL	UNBUNDLED EXCHANGE ACCESS LOOP	Loop Non-Recurring Charges - Service Provisioning DS3 Connection Additional	MUJ++, EE7NX, UOB++, UOR++	1CRG4	
13	IL	UNBUNDLED EXCHANGE ACCESS LOOP	Loop Non-Recurring Charges - Service Provisioning DS3 Disconnection Initial	MUJ++, EE7NX, UOB++, UOR++	NKCG3	
13	IL	UNBUNDLED EXCHANGE ACCESS LOOP	Loop Non-Recurring Charges - Service Provisioning DS3 Disconnection Additional	MUJ++, EE7NX, UOB++, UOR++	NKCG4	
13MR-SL	IL	SUB-LOOPS	ECS to SAI 2 Wire Analog - area A	XHG++, XGG++	U7SPA	A
13MR-SL	IL	SUB-LOOPS	ECS to SAI 2 Wire Analog - area B	XHG++, XGG++	U7SPB	B
13MR-SL	IL	SUB-LOOPS	ECS to SAI 2 Wire Analog - area C	XHG++, XGG++	U7SPC	C
13MR-SL	IL	SUB-LOOPS	ECS to SAI 4 Wire Analog - area A	XHK++, XGK++	U7SPA	A
13MR-SL	IL	SUB-LOOPS	ECS to SAI 4 Wire Analog - area B	XHK++, XGK++	U7SPB	B
13MR-SL	IL	SUB-LOOPS	ECS to SAI 4 Wire Analog - area C	XHK++, XGK++	U7SPC	C
13MR-SL	IL	SUB-LOOPS	ECS to SAI 2 Wire DSL - area A	XHW++, XGW++	U7SPA	A
13MR-SL	IL	SUB-LOOPS	ECS to SAI 2 Wire DSL - area B	XHW++, XGW++	U7SPB	B
13MR-SL	IL	SUB-LOOPS	ECS to SAI 2 Wire DSL - area C	XHW++, XGW++	U7SPC	C
13MR-SL	IL	SUB-LOOPS	ECS to SAI 4 Wire DSL - area A	XHY++, XGY++	U7SPA	A
13MR-SL	IL	SUB-LOOPS	ECS to SAI 4 Wire DSL - area B	XHY++, XGY++	U7SPB	B
13MR-SL	IL	SUB-LOOPS	ECS to SAI 4 Wire DSL - area C	XHY++, XGY++	U7SPC	C
13MR-SL	IL	SUB-LOOPS	ECS to Terminal 2 Wire Analog - area A	XHG++, XGG++	U7SQA	A
13MR-SL	IL	SUB-LOOPS	ECS to Terminal 2 Wire Analog - area B	XHG++, XGG++	U7SQB	B
13MR-SL	IL	SUB-LOOPS	ECS to Terminal 2 Wire Analog - area C	XHG++, XGG++	U7SQC	C

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13MR-SL	IL	SUB-LOOPS	ECS to Terminal 4 Wire Analog - area A	XHK++, XGK++	U7SQA	A
13MR-SL	IL	SUB-LOOPS	ECS to Terminal 4 Wire Analog - area B	XHK++, XGK++	U7SQB	B
13MR-SL	IL	SUB-LOOPS	ECS to Terminal 4 Wire Analog - area C	XHK++, XGK++	U7SQC	C
13MR-SL	IL	SUB-LOOPS	ECS to Terminal 2 Wire DSL - area A	XHW++, XGW++	U7SQA	A
13MR-SL	IL	SUB-LOOPS	ECS to Terminal 2 Wire DSL - area B	XHW++, XGW++	U7SQB	B
13MR-SL	IL	SUB-LOOPS	ECS to Terminal 2 Wire DSL - area C	XHW++, XGW++	U7SQC	C
13MR-SL	IL	SUB-LOOPS	ECS to Terminal 4 Wire DSL - area A	XHY++, XGY++	U7SQA	A
13MR-SL	IL	SUB-LOOPS	ECS to Terminal 4 Wire DSL - area B	XHY++, XGY++	U7SQB	B
13MR-SL	IL	SUB-LOOPS	ECS to Terminal 4 Wire DSL - area C	XHY++, XGY++	U7SQC	C
13MR-SL	IL	SUB-LOOPS	ECS to NID 2 Wire Analog - area A	XHG++, XGG++	U7SRA	A
13MR-SL	IL	SUB-LOOPS	ECS to NID 2 Wire Analog - area B	XHG++, XGG++	U7SRB	B
13MR-SL	IL	SUB-LOOPS	ECS to NID 2 Wire Analog - area C	XHG++, XGG++	U7SRC	C
13MR-SL	IL	SUB-LOOPS	ECS to NID 4 Wire Analog - area A	XHK++, XGK++	U7SRA	A
13MR-SL	IL	SUB-LOOPS	ECS to NID 4 Wire Analog - area B	XHK++, XGK++	U7SRB	B
13MR-SL	IL	SUB-LOOPS	ECS to NID 4 Wire Analog - area C	XHK++, XGK++	U7SRC	C
13MR-SL	IL	SUB-LOOPS	ECS to NID 2 Wire DSL - area A	XHW++, XGW++	U7SRA	A
13MR-SL	IL	SUB-LOOPS	ECS to NID 2 Wire DSL - area B	XHW++, XGW++	U7SRB	B
13MR-SL	IL	SUB-LOOPS	ECS to NID 2 Wire DSL - area C	XHW++, XGW++	U7SRC	C
13MR-SL	IL	SUB-LOOPS	ECS to NID 4 Wire DSL - area A	XHY++, XGY++	U7SRA	A
13MR-SL	IL	SUB-LOOPS	ECS to NID 4 Wire DSL - area B	XHY++, XGY++	U7SRB	B
13MR-SL	IL	SUB-LOOPS	ECS to NID 4 Wire DSL - area C	XHY++, XGY++	U7SRC	C
13MR-SL	IL	SUB-LOOPS	SAI to Terminal 2 Wire Analog - area A	XHG++, XGG++	U7SSA	A
13MR-SL	IL	SUB-LOOPS	SAI to Terminal 2 Wire Analog - area B	XHG++, XGG++	U7SSB	B
13MR-SL	IL	SUB-LOOPS	SAI to Terminal 2 Wire Analog - area C	XHG++, XGG++	U7SSC	C
13MR-SL	IL	SUB-LOOPS	SAI to Terminal 4 Wire Analog - area A	XHK++, XGK++	U7SSA	A
13MR-SL	IL	SUB-LOOPS	SAI to Terminal 4 Wire Analog - area B	XHK++, XGK++	U7SSB	B
13MR-SL	IL	SUB-LOOPS	SAI to Terminal 4 Wire Analog - area C	XHK++, XGK++	U7SSC	C
13MR-SL	IL	SUB-LOOPS	SAI to Terminal 2 Wire DSL - area A	XHW++, XGW++	U7SSA	A
13MR-SL	IL	SUB-LOOPS	SAI to Terminal 2 Wire DSL - area B	XHW++, XGW++	U7SSB	B
13MR-SL	IL	SUB-LOOPS	SAI to Terminal 2 Wire DSL - area C	XHW++, XGW++	U7SSC	C
13MR-SL	IL	SUB-LOOPS	SAI to Terminal 4 Wire DSL - area A	XHY++, XGY++	U7SSA	A
13MR-SL	IL	SUB-LOOPS	4 Wire DSL - area B	XHY++, XGY++	U7SSB	B
13MR-SL	IL	SUB-LOOPS	SAI to Terminal 4 Wire DSL - area C	XHY++, XGY++	U7SSC	C
13MR-SL	IL	SUB-LOOPS	SAI to NID 2 Wire Analog - area A	XHG++, XGG++	U7STA	A
13MR-SL	IL	SUB-LOOPS	SAI to NID 2 Wire Analog - area B	XHG++, XGG++	U7STB	B
13MR-SL	IL	SUB-LOOPS	SAI to NID 2 Wire Analog - area C	XHG++, XGG++	U7STC	C
13MR-SL	IL	SUB-LOOPS	SAI to NID 4 Wire Analog - area A	XHK++, XGK++	U7STA	A

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13MR-SL	IL	SUB-LOOPS	SAI to NID 4 Wire Analog - area B	XHK++, XGK++	U7STB	B
13MR-SL	IL	SUB-LOOPS	SAI to NID 4 Wire Analog - area C	XHK++, XGK++	U7STC	C
13MR-SL	IL	SUB-LOOPS	SAI to NID 2 Wire DSL - area A	XHW++, XGW++	U7STA	A
13MR-SL	IL	SUB-LOOPS	SAI to NID 2 Wire DSL - area B	XHW++, XGW++	U7STB	B
13MR-SL	IL	SUB-LOOPS	SAI to NID 2 Wire DSL - area C	XHW++, XGW++	U7STC	C
13MR-SL	IL	SUB-LOOPS	SAI to NID 4 Wire DSL - area A	XHY++, XGY++	U7STA	A
13MR-SL	IL	SUB-LOOPS	SAI to NID 4 Wire DSL - area B	XHY++, XGY++	U7STB	B
13MR-SL	IL	SUB-LOOPS	SAI to NID 4 Wire DSL - area C	XHY++, XGY++	U7STC	C
13MR-SL	IL	SUB-LOOPS	Terminal to NID 2 Wire Analog - area A	XHG++, XGG++	U7SUA	A
13MR-SL	IL	SUB-LOOPS	Terminal to NID 2 Wire Analog - area B	XHG++, XGG++	U7SUB	B
13MR-SL	IL	SUB-LOOPS	Terminal to NID 2 Wire Analog - area C	XHG++, XGG++	U7SUC	C
13MR-SL	IL	SUB-LOOPS	Terminal to NID 4 Wire Analog - area A	XHK++, XGK++	U7SUA	A
13MR-SL	IL	SUB-LOOPS	Terminal to NID 4 Wire Analog - area B	XHK++, XGK++	U7SUB	B
13MR-SL	IL	SUB-LOOPS	Terminal to NID 4 Wire Analog - area C	XHK++, XGK++	U7SUC	C
13MR-SL	IL	SUB-LOOPS	Terminal to NID 2 Wire DSL - area A	XHW++, XGW++	U7SUA	A
13MR-SL	IL	SUB-LOOPS	Terminal to NID 2 Wire DSL - area B	XHW++, XGW++	U7SUB	B
13MR-SL	IL	SUB-LOOPS	Terminal to NID 2 Wire DSL - area C	XHW++, XGW++	U7SUC	C
13MR-SL	IL	SUB-LOOPS	Terminal to NID 4 Wire DSL - area A	XHY++, XGY++	U7SUA	A
13MR-SL	IL	SUB-LOOPS	Terminal to NID 4 Wire DSL - area B	XHY++, XGY++	U7SUB	B
13MR-SL	IL	SUB-LOOPS	Terminal to NID 4 Wire DSL - area C	XHY++, XGY++	U7SUC	C
13MR-SL	IL	SUB-LOOPS	NID 2 Wire Analog - area A	XHG++, XGG++		A
13MR-SL	IL	SUB-LOOPS	NID 2 Wire Analog - area B	XHG++, XGG++		B
13MR-SL	IL	SUB-LOOPS	NID 2 Wire Analog - area C	XHG++, XGG++		C
13MR-SL	IL	SUB-LOOPS	NID 4 Wire Analog - area A	XHK++, XGK++		A
13MR-SL	IL	SUB-LOOPS	NID 4 Wire Analog - area B	XHK++, XGK++		B
13MR-SL	IL	SUB-LOOPS	NID 4 Wire Analog - area C	XHK++, XGK++		C
13MR-SL	IL	SUB-LOOPS	NID 2 Wire DSL - area A	XHW++, XGW++		A
13MR-SL	IL	SUB-LOOPS	NID 2 Wire DSL - area B	XHW++, XGW++		B
13MR-SL	IL	SUB-LOOPS	NID 2 Wire DSL - area C	XHW++, XGW++		C
13MR-SL	IL	SUB-LOOPS	NID 4 Wire DSL - area A	XHY++, XGY++		A
13MR-SL	IL	SUB-LOOPS	NID 4 Wire DSL - area B	XHY++, XGY++		B
13MR-SL	IL	SUB-LOOPS	NID 4 Wire DSL - area C	XHY++, XGY++		C
13MR-SL	IL	SUB-LOOPS	NID 2 Wire ISDN Compatible - area A	XHQ++, XGQ++		A
13MR-SL	IL	SUB-LOOPS	NID 2 Wire ISDN Compatible - area B	XHQ++, XGQ++		B
13MR-SL	IL	SUB-LOOPS	NID Wire ISDN Compatible - area C	XHQ++, XGQ++		C
13MR-SL	IL	SUB-LOOPS	NID 4 Wire DS1 Compatible - area A	XQ1++		A
13MR-SL	IL	SUB-LOOPS	NID 4 Wire DS1 Compatible - area B	XQ1++		B

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13MR-SL	IL	SUB-LOOPS	NID Wire DS1 Compatible - area C	XQ1++		C
13MR-SL	IL	SUB-LOOPS	2-Wire Analog Sub-Loop	XHG++, XGG++		
13MR-SL	IL	SUB-LOOPS	4-Wire Analog Sub-Loop	XHK++, XGK++		
13MR-SL	IL	SUB-LOOPS	2-Wire xDSL Digital Sub-Loop	XHW++, XGW++		
13MR-SL	IL	SUB-LOOPS	4-Wire xDSL Digital Sub-Loop	XHY++, XGY++		
13MR-SL	IL	SUB-LOOPS	2-Wire ISDN Digital Sub-Loop	XHQ++, XGQ++		
13MR-SL	IL	SUB-LOOPS	4-Wire DS-1 (1.544 Mbps) Digital Sub-Loop	XQ1++		
13MR-SL	IL	SUB-LOOPS	Establish, per occasion	XHG++, XGG++, XHK++, XGK++, XHW++, XGW++, XHY++, XGY++, XHQ++, XGQ++, XQ1++		
13MR-SL	IL	SUB-LOOPS	Add or change, per occasion	XHG++, XGG++, XHK++, XGK++, XHW++, XGW++, XHY++, XGY++, XHQ++, XGQ++, XQ1++		
13MR-SL	IL	SUB-LOOPS	per occasion	XHG++, XGG++, XHK++, XGK++, XHW++, XGW++, XHY++, XGY++, XHQ++, XGQ++, XQ1++		
13	IL	UNBUNDLED EXCHANGE ACCESS LOOP	Cross Connects 2-Wire	MUJ++, UOB++, UOR++	CXCT2	
13	IL	UNBUNDLED EXCHANGE ACCESS LOOP	Cross Connects DS1/LT1	MUJ++, UOB++, UOR++	CXCDX	
13	IL	UNBUNDLED EXCHANGE ACCESS LOOP	Cross Connects DS3/LT3	MUJ++, UOB++, UOR++	CXC8X	
13	IL	UNBUNDLED EXCHANGE ACCESS LOOP	DS3 Loop Cross-Connect to Collocation	MUJ++, UOB++, UOR++	CXCBX	
13	IL	UNBUNDLED DEDICATED TRANSPORT	DS1 Interoffice Mileage Termination - Per Point of Termination - All Areas	UB5++, EE7MX, UK1++	CZ4XA	
13	IL	UNBUNDLED DEDICATED TRANSPORT	DS1 Interoffice Mileage Termination - Per Point of Termination - All Areas	UB5++, EE7MX, UK1++	CZ4XB	
13	IL	UNBUNDLED DEDICATED TRANSPORT	DS1 Interoffice Mileage Termination - Per Point of Termination - All Areas	UB5++, EE7MX, UK1++	CZ4XC	
13	IL	UNBUNDLED DEDICATED TRANSPORT	DS1 Interoffice Mileage - Per Mile - All Areas	UB5++, EE7MX, UK1++	1YZXA	
13	IL	UNBUNDLED DEDICATED TRANSPORT	DS1 Interoffice Mileage - Per Mile - All Areas	UB5++, EE7MX, UK1++	1YZXB	
13	IL	UNBUNDLED DEDICATED TRANSPORT	DS1 Interoffice Mileage - Per Mile - All Areas	UB5++, EE7MX, UK1++	1YZXC	
13	IL	UNBUNDLED DEDICATED TRANSPORT	DS3 Interoffice Mileage Termination - Per Point of Termination - All Areas	UB5++, EE7NX, UK3++	CZ4XA	
13	IL	UNBUNDLED DEDICATED TRANSPORT	DS3 Interoffice Mileage Termination - Per Point of Termination - All Areas	UB5++, EE7NX, UK3++	CZ4XB	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	IL	UNBUNDLED DEDICATED TRANSPORT	DS3 Interoffice Mileage Termination - Per Point of Termination - All Areas	UB5++, EE7NX, UK3++	CZ4XC	
13	IL	UNBUNDLED DEDICATED TRANSPORT	DS3 Interoffice Mileage - Per Mile - All Areas	UB5++, EE7NX, UK3++	1YZXA	
13	IL	UNBUNDLED DEDICATED TRANSPORT	DS3 Interoffice Mileage - Per Mile - All Areas	UB5++, EE7NX, UK3++	1YZXB	
13	IL	UNBUNDLED DEDICATED TRANSPORT	DS3 Interoffice Mileage - Per Mile - All Areas	UB5++, EE7NX, UK3++	1YZXC	
13	IL	UNBUNDLED DEDICATED TRANSPORT	DS3 Interoffice Mileage Termination - Per Point of Termination - All Areas	UB5++, EE7NX, UK3++	CZ4WA	
13	IL	UNBUNDLED DEDICATED TRANSPORT	DS3 Interoffice Mileage Termination - Per Point of Termination - All Areas	UB5++, EE7NX, UK3++	CZ4WB	
13	IL	UNBUNDLED DEDICATED TRANSPORT	DS3 Interoffice Mileage Termination - Per Point of Termination - All Areas	UB5++, EE7NX, UK3++	CZ4WC	
13	IL	UNBUNDLED DEDICATED TRANSPORT	DS3 Interoffice Mileage - Per Mile - All Areas	UB5++, EE7NX, UK3++	1YZBA	
13	IL	UNBUNDLED DEDICATED TRANSPORT	DS3 Interoffice Mileage - Per Mile - All Areas	UB5++, EE7NX, UK3++	1YZBB	
13	IL	UNBUNDLED DEDICATED TRANSPORT	DS3 Interoffice Mileage - Per Mile - All Areas	UB5++, EE7NX, UK3++	1YZBC	
13	IL	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS1 to Voice Grade	UB5++, UK1++	QMVXA	
13	IL	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS1 to Voice Grade	UB5++, UK1++	QMVXB	
13	IL	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS1 to Voice Grade	UB5++, UK1++	QMVXC	
13	IL	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS3 to DS1	UB5++, UK3++	QM3XA	
13	IL	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS3 to DS1	UB5++, UK3++	QM3XB	
13	IL	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS3 to DS1	UB5++, UK3++	QM3XC	
13	IL	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Cross Connects DS1	UB5++, EE7MX, UK1++	CXCDX	
13	IL	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Cross Connects DS3	UB5++, EE7NX, UK3++	CXCEX	
13	IL	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Optional Features & Functions - DS1 Clear Channel Capability - Per 1.544 Mbps Circuit Arranged	UB5++, EE7MX, UK1++	CLYXA	
13	IL	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Optional Features & Functions - DS1 Clear Channel Capability - Per 1.544 Mbps Circuit Arranged	UB5++, EE7MX, UK1++	CLYXB	
13	IL	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Optional Features & Functions - DS1 Clear Channel Capability - Per 1.544 Mbps Circuit Arranged	UB5++, EE7MX, UK1++	CLYXC	
13	IL	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Installation & Rearrangement Charges - DS1 Administration Charge - Per Order	UB5++, EE7MX, UK1++	ORCMX	
13	IL	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Installation & Rearrangement Charges - DS1 Design & Central Office Connection Charge - Per Circuit	UB5++, EE7MX, UK1++	NRBCL	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	IL	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Installation & Rearrangement Charges - DS1 Carrier Connection Charge - Per Order	UB5++, EE7MX, UK1++	NRBBL	
13	IL	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Installation & Rearrangement Charges - DS3 Administration Charge - Per Order	UB5++, EE7NX, UK3++	ORCMX	
13	IL	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Installation & Rearrangement Charges - DS3 Dedicated Transport Installation & Rearrangement Charges - DS3 Design & Central Office Connection Charge - Per Circuit	UB5++, EE7NX, UK3++	NRBC4	
13	IL	UNBUNDLED DEDICATED TRANSPORT	Carrier Connection Charge - Per Order	UB5++, EE7NX, UK3++	NRBDT	
13	IL	UNBUNDLED EXCHANGE ACCESS LOOP	Enhanced Extended Loop (EEL) Service Order per LSR - Analog Loop Service Order Charge, per ASR or LSR - Electronic Establish Connection	EE7JX	NKCAR	
13	IL	UNBUNDLED EXCHANGE ACCESS LOOP	Enhanced Extended Loop (EEL) Service Order per LSR - Analog Loop Service Order Charge, per ASR or LSR - Electronic Establish Disconnection	EE7JX	NKCAS	
13	IL	UNBUNDLED EXCHANGE ACCESS LOOP	Enhanced Extended Loop (EEL) Service Order per LSR - Analog Loop Service Order Charge, per ASR or LSR - Electronic Establish	EE7JX	NKCAT	
13	IL	UNBUNDLED EXCHANGE ACCESS LOOP	Enhanced Extended Loop (EEL) Service Order per LSR - Analog Loop Service Order Charge, per ASR or LSR - Manual Establish Connection	EE7JX	NKCAU	
13	IL	UNBUNDLED EXCHANGE ACCESS LOOP	Enhanced Extended Loop (EEL) Service Order per LSR - Analog Loop Service Order Charge, per ASR or LSR - Manual Establish Disconnection	EE7JX	NKCAV	
13	IL	UNBUNDLED EXCHANGE ACCESS LOOP	Enhanced Extended Loop (EEL) Service Order per LSR - Analog Loop Service Order Charge, per ASR or LSR - Manual Establish Manual Subsequent	EE7JX	NKCAW	
7	IL	OPERATIONS SUPPORT SYSTEM	2-Wire Digital Loop Service Order Charge Electronic Establish Connection	EE7LX	NKCAR	
7	IL	OPERATIONS SUPPORT SYSTEM	2-Wire Digital Loop Service Order Charge Disconnection	EE7LX	NKCAS	
7	IL	OPERATIONS SUPPORT SYSTEM	2-Wire Digital Loop Service Order Charge Electronic Subsequent	EE7LX	NKCAT	
7	IL	OPERATIONS SUPPORT SYSTEM	2-Wire Digital Loop Service Order Charge Manual Establish Connection	EE7LX	NKCAU	
7	IL	OPERATIONS SUPPORT SYSTEM	2-Wire Digital Loop Service Order Charge Manual Establish Disconnection	EE7LX	NKCAV	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
7	IL	OPERATIONS SUPPORT SYSTEM	2-Wire Digital Loop Service Order Charge Manual Establish Manual Subsequent	EE7LX	NKCAW	
13	IL	UNBUNDLED EXCHANGE ACCESS LOOP	DS1 Loop Service Order Charge Per LSR or ASR - Electronic Establish Connection	EE7MX	NKCAX	
13	IL	UNBUNDLED EXCHANGE ACCESS LOOP	DS1 Loop Service Order Charge Per LSR or ASR - Electronic Establish Disconnection	EE7MX	NKCAY	
13	IL	UNBUNDLED EXCHANGE ACCESS LOOP	DS1 Loop Service Order Charge Per LSR or ASR - Electronic Establish Electronic Subsequent	EE7MX	NKCAZ	
13	IL	UNBUNDLED EXCHANGE ACCESS LOOP	DS1 Loop Service Order Charge Per LSR or ASR - Manual Establish Connection	EE7MX	NKCB1	
13	IL	UNBUNDLED EXCHANGE ACCESS LOOP	DS1 Loop Service Order Charge Per LSR or ASR - Manual Establish Disconnection	EE7MX	NKCB2	
13	IL	UNBUNDLED EXCHANGE ACCESS LOOP	DS1 Loop Service Order Charge Per LSR or ASR - Manual Establish Manual Subsequent	EE7MX	NKCB3	
13	IL	UNBUNDLED DEDICATED TRANSPORT	DS1 Transport Service Order Charge Per LSR or ASR - Electronic Establish Connection	EE7MX		
13	IL	UNBUNDLED DEDICATED TRANSPORT	DS1 Transport Service Order Charge Per LSR or ASR - Electronic Establish Disconnection	EE7MX		
13	IL	UNBUNDLED DEDICATED TRANSPORT	DS1 Transport Service Order Charge Per LSR or ASR - Manual Establish Connection	EE7MX		
13	IL	UNBUNDLED DEDICATED TRANSPORT	DS1 Transport Service Order Charge Per LSR or ASR - Manual Establish Disconnection	EE7MX		
13	IL	UNBUNDLED DEDICATED TRANSPORT	DS3 Transport Service Order Charge Per LSR or ASR - Electronic Establish Connection	EE7NX		
13	IL	UNBUNDLED DEDICATED TRANSPORT	DS3 Transport Service Order Charge Per LSR or ASR - Electronic Establish Disconnection	EE7NX		
13	IL	UNBUNDLED DEDICATED TRANSPORT	DS3 Transport Service Order Charge Per LSR or ASR - Manual Establish Connection	EE7NX		
13	IL	UNBUNDLED DEDICATED TRANSPORT	DS3 Transport Service Order Charge Per LSR or ASR - Manual Establish Disconnection	EE7NX		
13	IL	UNBUNDLED EXCHANGE ACCESS LOOP	Central Office DS1 to Voice Mux Service Order - Electronic Establish Connection	EE7MX		
13	IL	UNBUNDLED EXCHANGE ACCESS LOOP	Central Office DS1 to Voice Mux Service Order - Electronic Establish Disconnection	EE7MX		
13	IL	UNBUNDLED EXCHANGE ACCESS LOOP	Central Office DS1 to Voice Mux Service Order - Manual Establish Connection	EE7MX		

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	IL	UNBUNDLED EXCHANGE ACCESS LOOP	Central Office DS1 to Voice Mux Service Order - Manual Establish Disconnection	EE7MX		
13	IL	UNBUNDLED EXCHANGE ACCESS LOOP	Non-Channelized DS1 EEL Service Order - Electronic Establish Connection	EE7MX	NKCB4	
13	IL	UNBUNDLED EXCHANGE ACCESS LOOP	Non-Channelized DS1 EEL Service Order - Electronic Establish Disconnection	EE7MX	NKCB5	
13	IL	UNBUNDLED EXCHANGE ACCESS LOOP	Connection	EE7MX	NKCB6	
13	IL	UNBUNDLED EXCHANGE ACCESS LOOP	Disconnection	EE7MX	NKCB7	
7	IL	OPERATIONS SUPPORT SYSTEM	Provisioning - 2-Wire Analog Loop Connection - Initial Connection	EE7JX	NKCB8	
7	IL	OPERATIONS SUPPORT SYSTEM	Provisioning - 2-Wire Analog Loop Connection - Initial Disconnection	EE7JX	NKCB9	
7	IL	OPERATIONS SUPPORT SYSTEM	Provisioning - 2-Wire Analog Loop Connection - Additional Connection	EE7JX	NKCBA	
7	IL	OPERATIONS SUPPORT SYSTEM	Provisioning - 2-Wire Analog Loop Connection - Additional Disconnection	EE7JX	NKCBB	
7	IL	OPERATIONS SUPPORT SYSTEM	Provisioning - 4-Wire Analog Loop Connection - Initial Connection	EE7KX	NKCBC	
7	IL	OPERATIONS SUPPORT SYSTEM	Provisioning - 4-Wire Analog Loop Connection - Initial Disconnection	EE7KX	NKCBD	
7	IL	OPERATIONS SUPPORT SYSTEM	Provisioning - 4-Wire Analog Loop Connection - Additional Connection	EE7KX	NKCBE	
7	IL	OPERATIONS SUPPORT SYSTEM	Provisioning - 4-Wire Analog Loop Connection - Additional Disconnection	EE7KX	NKCBF	
7	IL	OPERATIONS SUPPORT SYSTEM	Provisioning - 2-Wire Digital Loop Connection - Initial (Connection	EE7LX	NKCBG	
7	IL	OPERATIONS SUPPORT SYSTEM	Provisioning - 2-Wire Digital Loop Connection - Initial (Disconnection	EE7LX	NKCBH	
7	IL	OPERATIONS SUPPORT SYSTEM	Provisioning - 2-Wire Digital Loop Connection - Additional Connection	EE7LX	NKCBJ	
7	IL	OPERATIONS SUPPORT SYSTEM	Provisioning - 2-Wire Digital Loop Connection - Additional Disconnection	EE7LX	NKCBK	
7	IL	OPERATIONS SUPPORT SYSTEM	Provisioning - 4-Wire DS1 Digital Loop Connection - Initial Connection	EE7MX	NKLBL	
7	IL	OPERATIONS SUPPORT SYSTEM	Provisioning - 4-Wire DS1 Digital Loop Connection - Initial Disconnection	EE7MX	NKCBM	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
7	IL	OPERATIONS SUPPORT SYSTEM	Provisioning - 4-Wire DS1 Digital Loop Connection - Additional Connection	EE7MX	NKCBN	
7	IL	OPERATIONS SUPPORT SYSTEM	Provisioning - 4-Wire DS1 Digital Loop Connection - Additional Disconnection	EE7MX	NKCBO	
13	IL	UNBUNDLED DEDICATED TRANSPORT	Provisioning - Central Office Multiplexing DS1 to Voice - Initial Connection	EE7MX		
13	IL	UNBUNDLED DEDICATED TRANSPORT	Provisioning - Central Office Multiplexing DS1 to Voice - Initial Disconnection	EE7MX		
13	IL	UNBUNDLED DEDICATED TRANSPORT	Provisioning - Central Office Multiplexing DS1 to Voice - Additional Connection	EE7MX		
13	IL	UNBUNDLED DEDICATED TRANSPORT	Provisioning - Central Office Multiplexing DS1 to Voice - Additional Disconnection	EE7MX		
13	IL	UNBUNDLED DEDICATED TRANSPORT	Provisioning - DS1 Interoffice UDT - Collocated Initial Connection	EE7MX		
13	IL	UNBUNDLED DEDICATED TRANSPORT	Provisioning - DS1 Interoffice UDT - Collocated Initial Disconnection	EE7MX		
13	IL	UNBUNDLED DEDICATED TRANSPORT	Provisioning - DS1 Interoffice UDT - Collocated Additional Connection	EE7MX		
13	IL	UNBUNDLED DEDICATED TRANSPORT	Provisioning - DS1 Interoffice UDT - Collocated Additional Disconnection	EE7MX		
13	IL	UNBUNDLED DEDICATED TRANSPORT	Provisioning - 4-Wire DS1 Digital Loop to DS1 Interoffice UDT - Collocated - Initial Connection	EE7MX	NKCBT	
13	IL	UNBUNDLED DEDICATED TRANSPORT	Provisioning - 4-Wire DS1 Digital Loop to DS1 Interoffice UDT - Collocated - Initial Disconnection	EE7MX	NKCBU	
13	IL	UNBUNDLED DEDICATED TRANSPORT	Provisioning - 4-Wire DS1 Digital Loop to DS1 Interoffice UDT - Collocated - Additional Connection	EE7MX	NKCBV	
13	IL	UNBUNDLED DEDICATED TRANSPORT	Provisioning - 4-Wire DS1 Digital Loop to DS1 Interoffice UDT - Collocated - Additional Disconnection	EE7MX	NKCBW	
13	IL	UNBUNDLED DEDICATED TRANSPORT	Provisioning - DS3 Interoffice UDT - Collocated - Initial Connection	EE7NX		
13	IL	UNBUNDLED DEDICATED TRANSPORT	Provisioning - DS3 Interoffice UDT - Collocated - Initial Disconnection	EE7NX		
13	IL	UNBUNDLED DEDICATED TRANSPORT	Provisioning - DS3 Interoffice UDT - Collocated - Additional Connection	EE7NX		
13	IL	UNBUNDLED DEDICATED TRANSPORT	Provisioning - DS3 Interoffice UDT - Collocated - Additional Disconnection	EE7NX		
13	IL	UNBUNDLED DEDICATED TRANSPORT	Provisioning - Clear Channel Capability Initial, Install	EE7MX	NKCC6	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	IL	UNBUNDLED DEDICATED TRANSPORT	Provisioning - Clear Channel Capability Additional, Install	EE7MX		
13	IL	UNBUNDLED DEDICATED TRANSPORT	Provisioning - Clear Channel Capability Additional, Disconnect	EE7MX	NKCC7	
13	IL	UNBUNDLED DEDICATED TRANSPORT	Special Access to UNE Conversion - Channelized Facility from Cage, DS1 , Design and Coordination Charge	EE7MX	NKCC9	
13	IL	UNBUNDLED DEDICATED TRANSPORT	Special Access to UNE Conversion - Channelized Facility from Cage, DS3, Design and Coordination Charge	EE7MX	NKCCA	
13	IL	UNBUNDLED DEDICATED TRANSPORT	Special Access to UNE Conversion - Non-Channelized Facility from Cage, DSO, Design and Coordination Charge	EE7JX, EE7KX, EE7LX	NKCCB	
13	IL	UNBUNDLED DEDICATED TRANSPORT	Special Access to UNE Conversion - Non-Channelized Facility from Cage, DS1, Design and Coordination Charge	EE7MX	NKCCC	
13	IL	UNBUNDLED DEDICATED TRANSPORT	Special Access to UNE Conversion - Non-Channelized Facility from Cage, DS3, Design and Coordination charge	EE7NX	NKCCD	
13	IL	UNBUNDLED DEDICATED TRANSPORT	Special Access to UNE Conversion - Channelized Facility from POP, DS1, Design and Coordination charge	EE7MX	NKCCCE	
13	IL	UNBUNDLED DEDICATED TRANSPORT	Special Access to UNE Conversion - Channelized Facility from POP, DS3, Design and Coordination Charge	EE7NX	NKCCF	
13	IL	UNBUNDLED DEDICATED TRANSPORT	Special Access to UNE Conversion - Channelized Facility from POP, DS0, Design and Coordination Charge			
13	IL	UNBUNDLED DEDICATED TRANSPORT	Special Access to UNE Conversion - Non-Channelized Facility from POP, DSO, Design and Coordination Charge			
13	IL	UNBUNDLED DEDICATED TRANSPORT	Special Access to UNE Conversion - Non-Channelized Facility from OPO, DSO, Design and coordination Charge	EE7JX, EE7KX, EE7LX	NKCCG	
13	IL	UNBUNDLED DEDICATED TRANSPORT	Special Access to UNE Conversion - Non-Channelized Facility from POP, DS1, Design and Coordination Charge	EE7MX	NKCH	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	IL	UNBUNDLED DEDICATED TRANSPORT	Special Access to UNE Conversion - Non-Channelized Facility from POP, DS3, Design and Coordination Charge	EE7NX	NKCCJ	
13	IL	UNBUNDLED DEDICATED TRANSPORT	Special Access to UNE Conversion - Private Line to UNE Conversion			
13	IL	UNBUNDLED DEDICATED TRANSPORT	Special Access to UNE Conversion - AC2U Project Administrative Activity Per Service Circuit	EE7JX, EE7KX, EE7LX, EE7MX, EE7NX	NKCC8	
13	IL	UNBUNDLED DEDICATED TRANSPORT	Dark Fiber Interoffice Termination (Per Termination per Fiber)		ULYCX	
13	IL	UNBUNDLED DEDICATED TRANSPORT	Dark Fiber Interoffice Mileage (Per Fiber per Foot)		ULNCF	
13	IL	UNBUNDLED DEDICATED TRANSPORT	Dark Fiber Interoffice Cross Connect (Per Termination per Fiber)		UKCJX	
13	IL	UNBUNDLED DEDICATED TRANSPORT	Dark Fiber Interoffice Transport - NRC		NR9D6	
13	IL	UNBUNDLED DEDICATED TRANSPORT	Dark Fiber - FIRM ORDER (Per Fiber Strand) Administrative per Order		NRB51	
13	IL	UNBUNDLED DEDICATED TRANSPORT	Dark Fiber Interofcice Transport - NRC		NRB54	
13	IL	UNBUNDLED DEDICATED TRANSPORT	Routine Modiifications to Existing Facilities Charge	MUJ++, UOB++, UOR++, UB5++, EE7MX, EE7NX, UK3++, UK1++		
7	IL	OPERATIONS SUPPORT SYSTEM	Maintenance of Service	MUJ++, UOB++, UOR++, UB5++, EE7JX, EE7KX, EE7LX, EE7MX, EE7NX, UK3++, UK1++	VRP	
13MR-SL	IL	OPERATIONS SUPPORT SYSTEM	Sub-Loops - Maintenance of Service	XHG++, XGG++, XHK++, XGK++, XHW++, XGW++, XHY++, XGY++, XHQ++, XGQ++, XQ1++, XQ3++	VRP	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	IN	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog - Rural (Rate Class 1)	MUJ++, EE7JX, UOB++, UOR++	U2HX1	1
13	IN	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog - Suburban (Rate Class 2)	MUJ++, EE7JX, UOB++, UOR++	U2HX2	2
13	IN	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog - Metro (Rate Class 3)	MUJ++, EE7JX, UOB++, UOR++	U2HX3	3
13	IN	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Ground Start, DID/Reverse Battery - Rural (Rate Class 1)	MUJ++, EE7JX, UOB++, UOR++	U2WX1	1
13	IN	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Ground Start, DID/Reverse Battery - Suburban (Rate Class 2)	MUJ++, EE7JX, UOB++, UOR++	U2WX2	2
13	IN	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Ground Start, DID/Reverse Battery - Metro (Rate Class 3)	MUJ++, EE7JX, UOB++, UOR++	U2WX3	3
13	IN	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Ground Start, PBX - Rural (Rate Class 1)	MUJ++, EE7JX, UOB++, UOR++	U2JX1	1
13	IN	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Ground Start, PBX - Suburban (Rate Class 2)	MUJ++, EE7JX, UOB++, UOR++	U2JX2	2
13	IN	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Ground Start, PBX - Metro (Rate Class 3)	MUJ++, EE7JX, UOB++, UOR++	U2JX3	3
13	IN	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire COPTS Coin - Rural (Rate Class 1)	MUJ++, EE7JX, UOB++, UOR++	U2CX1	1
13	IN	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire COPTS Coin - Suburban (Rate Class 2)	MUJ++, EE7JX, UOB++, UOR++	U2CX2	2
13	IN	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire COPTS Coin - Metro (Rate Class 3)	MUJ++, EE7JX, UOB++, UOR++	U2CX3	3
13	IN	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire EKL - Rural (Rate Class 1)	MUJ++, EE7JX, UOB++, UOR++	U2KX1	1
13	IN	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire EKL - Suburban (Rate Class 2)	MUJ++, EE7JX, UOB++, UOR++	U2KX2	2
13	IN	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire EKL - Metro (Rate Class 3)	MUJ++, EE7JX, UOB++, UOR++	U2KX3	3
13	IN	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog - Rural (Rate Class 1)	MUJ++, EE7KX, UOB++, UOR++	U4HX1	1
13	IN	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog - Suburban (Rate Class 2)	MUJ++, EE7KX, UOB++, UOR++	U4HX2	2
13	IN	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog - Metro (Rate Class 3)	MUJ++, EE7KX, UOB++, UOR++	U4HX3	3
13	IN	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Digital - Rural (Rate Class 1)	MUJ++, EE7LX, UOB++, UOR++	U2QX1	1
13	IN	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Digital - Suburban (Rate Class 2)	MUJ++, EE7LX, UOB++, UOR++	U2QX2	2
13	IN	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Digital - Metro (Rate Class 3)	MUJ++, EE7LX, UOB++, UOR++	U2QX3	3
13	IN	UNBUNDLED EXCHANGE ACCESS LOOP	DS1 Loop - Rural (Rate Class 1)	MUJ++, EE7MX, UOB++, UOR++	4U1X1	1
13	IN	UNBUNDLED EXCHANGE ACCESS LOOP	DS1 Loop - Suburban (Rate Class 2)	MUJ++, EE7MX, UOB++, UOR++	4U1X2	2
13	IN	UNBUNDLED EXCHANGE ACCESS LOOP	DS1 Loop - Metro (Rate Class 3)	MUJ++, EE7MX, UOB++, UOR++	4U1X3	3
13	IN	UNBUNDLED EXCHANGE ACCESS LOOP	DS3 Loop - Rural (Rate Class 1)	MUJ++, EE7NX, UOB++, UOR++	U4D31	1
13	IN	UNBUNDLED EXCHANGE ACCESS LOOP	DS3 Loop - Suburban (Rate Class 2)	MUJ++, EE7NX, UOB++, UOR++	U4D32	2
13	IN	UNBUNDLED EXCHANGE ACCESS LOOP	DS3 Loop - Metro (Rate Class 3)	MUJ++, EE7NX, UOB++, UOR++	U4D33	3
14	IN	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #1 - 2-Wire xDSL Loop Rate Class 1- Rural	MUJ++, UOB++, UOR++	2SLA1	1
14	IN	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #1 - 2-Wire xDSL Loop Rate Class 2- Suburban	MUJ++, UOB++, UOR++	2SLA2	2
14	IN	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #1 - 2-Wire xDSL Loop Rate Class 3- Metro	MUJ++, UOB++, UOR++	2SLA3	3

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
14	IN	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #2 - 2-Wire xDSL Loop Rate Class 1- Rural	MUJ++, UOB++, UOR++	2SLC1	1
14	IN	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #2 - 2-Wire xDSL Loop Rate Class 2- Suburban	MUJ++, UOB++, UOR++	2SLC2	2
14	IN	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #2 - 2-Wire xDSL Loop Rate Class 3- Metro	MUJ++, UOB++, UOR++	2SLC3	3
14	IN	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #3 - 2-Wire xDSL Loop Rate Class 1- Rural	MUJ++, UOB++, UOR++	2SLB1	1
14	IN	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #3 - 2-Wire xDSL Loop Rate Class 2- Suburban	MUJ++, UOB++, UOR++	2SLB2	2
14	IN	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #3 - 2-Wire xDSL Loop Rate Class 3- Metro	MUJ++, UOB++, UOR++	2SLB3	3
14	IN	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #4 - 2-Wire xDSL Loop Rate Class 1- Rural	MUJ++, UOB++, UOR++	2SLD1	1
14	IN	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #4 - 2-Wire xDSL Loop Rate Class 2- Suburban	MUJ++, UOB++, UOR++	2SLD2	2
14	IN	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #4 - 2-Wire xDSL Loop Rate Class 3- Metro	MUJ++, UOB++, UOR++	2SLD3	3
14	IN	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #5 - 2-Wire xDSL Loop Rate Class 1- Rural	MUJ++, UOB++, UOR++	UWRA1	1
14	IN	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #5 - 2-Wire xDSL Loop Rate Class 2- Suburban	MUJ++, UOB++, UOR++	UWRA2	2
14	IN	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #5 - 2-Wire xDSL Loop Rate Class 3- Metro	MUJ++, UOB++, UOR++	UWRA3	3
14	IN	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #7 - 2-Wire xDSL Loop Rate Class 1- Rural	MUJ++, UOB++, UOR++	2SLF1	1
14	IN	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #7 - 2-Wire xDSL Loop Rate Class 2- Suburban	MUJ++, UOB++, UOR++	2SLF2	2
14	IN	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #7 - 2-Wire xDSL Loop Rate Class 3- Metro	MUJ++, UOB++, UOR++	2SLF3	3
13	IN	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #3 - 4-Wire xDSL Loop Rate Class 1- Rural	MUJ++, UOB++, UOR++	4SL11	1
13	IN	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #3 - 4-Wire xDSL Loop Rate Class 2- Suburban	MUJ++, UOB++, UOR++	4SL12	2
13	IN	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #3 - 4-Wire xDSL Loop Rate Class 3- Metro	MUJ++, UOB++, UOR++	4SL13	3
14	IN	UNBUNDLED EXCHANGE ACCESS LOOP	IDSL Loop Class 1 - Rural	MUJ++, UOB++, UOR++	UY5F1	1
14	IN	UNBUNDLED EXCHANGE ACCESS LOOP	IDSL Loop Class 2 - Suburban	MUJ++, UOB++, UOR++	UY5F2	2
14	IN	UNBUNDLED EXCHANGE ACCESS LOOP	IDSL Loop Class 3 - Metro	MUJ++, UOB++, UOR++	UY5F3	3
14	IN	UNBUNDLED EXCHANGE ACCESS LOOP	Line & Station Transfer(LST) performed on CODSLAM Loop	MUJ++, UOB++, UOR++	URCLD	
14	IN	LOOP MAKE-UP	Loop Qualification Process - Mechanized	MUJ++, UOB++, UOR++	NR98U	
14	IN	LOOP MAKE-UP	Loop Qualification Process - Manual	MUJ++, UOB++, UOR++	NRBXU	
14	IN	LOOP MODIFICATION	xDSL Conditioning DSL Conditioning Options - >12KFT Removal of Repeater Options (per unit removed)	MUJ++, UOB++, UOR++	NRBXV	
14	IN	LOOP MODIFICATION	xDSL Conditioning DSL Conditioning Options - >12KFT Removal Excessive Bridged Tap Option (per unit removed)	MUJ++, UOB++, UOR++	NRBXW	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
14	IN	LOOP MODIFICATION	xDSL Conditioning DSL Conditioning Options - >12KFT Removal of Load Coil (per unit removed)	MUJ++, UOB++, UOR++	NRBXZ	
14	IN	LOOP MODIFICATION	Removal of All or NON-Excessive Bridged Tap (RABT) - MMP Removal of non-excessive bridged tap DSL loops >0Kft. And <17.5Kft.	MUJ++, UOB++, UOR++	NRMRJ	
14	IN	LOOP MODIFICATION	Removal of All or NON-Excessive Bridged Tap (RABT) - MMP Removal of All Bridged Tap DSL Loops 12Kft. To 17.5Kft.	MUJ++, UOB++, UOR++	NRMRP	
14	IN	LOOP MODIFICATION	Removal of All or NON-Excessive Bridged Tap (RABT) - MMP Removal of non-excessive bridged tap DSL loops >17.5Kft DSL Loops - per element incremental	MUJ++, UOB++, UOR++	NRMRS	
14	IN	LOOP MODIFICATION	Removal of All or NON-Excessive Bridged Tap (RABT) - MMP Removal of All Bridged Tap DSL loops >17.5Kft. - per element incremental	MUJ++, UOB++, UOR++	NRMRM	
13	IN	UNBUNDLED EXCHANGE ACCESS LOOP	Loop Non-Recurring Charges (Excluding DS3) Res/Bus Analog/2-W digital Loop, Initial Request, Install	MUJ++, UOB++, UOR++	SEPUP	
13	IN	UNBUNDLED EXCHANGE ACCESS LOOP	Loop Non-Recurring Charges (Excluding DS3 Res/Bus Analog/2-w digital Loop, Initial Request, Disconnect	MUJ++, UOB++, UOR++	NKCG6	
13	IN	UNBUNDLED EXCHANGE ACCESS LOOP	Loop Non-Recurring Charges (Excluding DS3 Disconnect Service Order Charge	MUJ++, UOB++, UOR++	NR9OE	
13	IN	UNBUNDLED EXCHANGE ACCESS LOOP	Loop Non-Recurring Charges (Excluding DS3 Res/Bus Analog/2-W digital Loop, Subsequent Request	MUJ++, UOB++, UOR++	REAH9	
13	IN	UNBUNDLED EXCHANGE ACCESS LOOP	Loop Non-Recurring Charges (Excluding DS3 Res/Bus Analog/2-W digital Loop, record Request	MUJ++, UOB++, UOR++	NR9UP	
13	IN	UNBUNDLED EXCHANGE ACCESS LOOP	Loop Non-Recurring Charges (Excluding DS3 Res/Bus Analog/2-W digital Loop Line Connection Loop Charge, Initial, Install	MUJ++, UOB++, UOR++	SEPUC	
13	IN	UNBUNDLED EXCHANGE ACCESS LOOP	Loop Non-Recurring Charges (Excluding DS3 Res/Bus Analog/2-W digital Loop Line Connection Charge, Initial, Disconnect	MUJ++, UOB++, UOR++	NKCG7	
13	IN	UNBUNDLED EXCHANGE ACCESS LOOP	Loop Non-Recurring Charges (Excluding DS3 Une Analog Loop Disconnect Charge Per Termination	MUJ++, UOB++, UOR++	NR9OG	
14	IN	UNBUNDLED EXCHANGE ACCESS LOOP	Loop Non-Recurring Charges (Excluding DS3 Res/Bus Analog/2-W digital Loop Line Connection Charge, Additional, Install	MUJ++, UOB++, UOR++	1CRG7	
14	IN	UNBUNDLED EXCHANGE ACCESS LOOP	Loop Non-Recurring Charges (Excluding DS3 Line Connection Add or Change	MUJ++, UOB++, UOR++	REAH5	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
14	IN	UNBUNDLED EXCHANGE ACCESS LOOP	Loop Non-Recurring Charges (Excluding DS3 Res/Bus Standalone Line Connection Charge, Additional, Disconnect	MUJ++, UOB++, UOR++	NKCG5	
13	IN	UNBUNDLED EXCHANGE ACCESS LOOP	Loop Non-Recurring Charges (Excluding DS3 DS1 Service Provisioning, Initial, Install	MUJ++, UOB++, UOR++	1CRG1	
13	IN	UNBUNDLED EXCHANGE ACCESS LOOP	Loop Non-Recurring Charges (Excluding DS3 DS1 Service Provisioning, Initial, Disconnect	MUJ++, UOB++, UOR++	NKCG1	
13	IN	UNBUNDLED EXCHANGE ACCESS LOOP	Loop Non-Recurring Charges (Excluding DS3 DS1 Service Provisioning, Additional, Install	MUJ++, UOB++, UOR++	1CRG2	
13	IN	UNBUNDLED EXCHANGE ACCESS LOOP	Loop Non-Recurring Charges (Excluding DS3 DS1 Service Provisioning, Additional, Disconnect	MUJ++, UOB++, UOR++	NKCG2	
13	IN	UNBUNDLED EXCHANGE ACCESS LOOP	Loop Non-Recurring Charges (Excluding DS3 DS1 Loop, Administrative Activity, Install	MUJ++, UOB++, UOR++	NR9OR	
13	IN	UNBUNDLED EXCHANGE ACCESS LOOP	Loop Non-Recurring Charges (Excluding DS3 DS1 Loop, Administrative Activity, Disconnect	MUJ++, UOB++, UOR++	NR9OT	
13	IN	UNBUNDLED EXCHANGE ACCESS LOOP	DS3 Loop Non-Recurring Charges Administrative	MUJ++, UOB++, UOR++	NR9OY	
13	IN	UNBUNDLED EXCHANGE ACCESS LOOP	DS3 Loop Non-Recurring Charges Design & Central Office	MUJ++, UOB++, UOR++	NR9O1	
13	IN	UNBUNDLED EXCHANGE ACCESS LOOP	DS3 Loop Non-Recurring Charges Customer Connection	MUJ++, UOB++, UOR++	NR9O3	
13	IN	UNBUNDLED EXCHANGE ACCESS LOOP	DS3 Service Provisioning, Initial, Install	MUJ++, UOB++, UOR++	1CRG3	
13	IN	UNBUNDLED EXCHANGE ACCESS LOOP	DS3 Service Provisioning, Initial, Disconnect	MUJ++, UOB++, UOR++	NKCG3	
13	IN	UNBUNDLED EXCHANGE ACCESS LOOP	DS3 Service Provisioning, Additional, Install	MUJ++, UOB++, UOR++	1CRG4	
13	IN	UNBUNDLED EXCHANGE ACCESS LOOP	DS3 Service Provisioning, Additional, Disconnect	MUJ++, UOB++, UOR++	NKCG4	
13	IN	UNBUNDLED EXCHANGE ACCESS LOOP	DS3 Loop, Administrative Activity, Disconnect	MUJ++, UOB++, UOR++	NR9OZ	
13MR-SL	IN	SUB-LOOPS	ECS to SAI sub-loop 2 Wire Analog - Rate Group 3	XHG++, XGG++	U7SPA	3
13MR-SL	IN	SUB-LOOPS	ECS to SAI sub-loop 2 Wire Analog - Rate Group 2	XHG++, XGG++	U7SPB	2
13MR-SL	IN	SUB-LOOPS	ECS to SAI sub-loop 2 Wire Analog - Rate Group 1	XHG++, XGG++	U7SPC	1
13MR-SL	IN	SUB-LOOPS	ECS to SAI sub-loop 4 Wire Analog - Rate Group 3	XHK++, XGK++	U7SPA	3
13MR-SL	IN	SUB-LOOPS	ECS to SAI sub-loop 4 Wire Analog - Rate Group 2	XHK++, XGK++	U7SPB	2
13MR-SL	IN	SUB-LOOPS	ECS to SAI sub-loop 4 Wire Analog - Rate Group 1	XHK++, XGK++	U7SPC	1
13MR-SL	IN	SUB-LOOPS	ECS to SAI sub-loop 2 Wire DSL - Rate Group 3	XHW++, XGW++	U7SPA	3
13MR-SL	IN	SUB-LOOPS	ECS to SAI sub-loop 2 Wire DSL - Rate Group 2	XHW++, XGW++	U7SPB	2
13MR-SL	IN	SUB-LOOPS	ECS to SAI sub-loop 2 Wire DSL - Rate Group 1	XHW++, XGW++	U7SPC	1
13MR-SL	IN	SUB-LOOPS	ECS to SAI sub-loop4 Wire DSL - Rate Group 3	XHY++, XGY++	U7SPA	3
13MR-SL	IN	SUB-LOOPS	ECS to SAI sub-loop4 Wire DSL - Rate Group 2	XHY++, XGY++	U7SPB	2
13MR-SL	IN	SUB-LOOPS	ECS to SAI sub-loop4 Wire DSL - Rate Group 1	XHY++, XGY++	U7SPC	1

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13MR-SL	IN	SUB-LOOPS	ECS to Terminal sub-loop 2 Wire Analog - Rate Group 3	XHG++, XGG++	U7SQA	3
13MR-SL	IN	SUB-LOOPS	ECS to Terminal sub-loop 2 Wire Analog - Rate Group 2	XHG++, XGG++	U7SQB	2
13MR-SL	IN	SUB-LOOPS	ECS to Terminal sub-loop 2 Wire Analog - Rate Group 1	XHG++, XGG++	U7SQC	1
13MR-SL	IN	SUB-LOOPS	ECS to Terminal sub-loop 4 Wire Analog - Rate group 3	XHK++, XGK++	U7SQA	3
13MR-SL	IN	SUB-LOOPS	ECS to Terminal sub-loop 4 Wire Analog - Rate Group 2	XHK++, XGK++	U7SQB	2
13MR-SL	IN	SUB-LOOPS	ECS to Terminal sub-loop 4 Wire Analog - Rate Group 1	XHK++, XGK++	U7SQC	1
13MR-SL	IN	SUB-LOOPS	ECS to Terminal sub-loop 2 Wire DSL - Rate Group 3	XHW++, XGW++	U7SQA	3
13MR-SL	IN	SUB-LOOPS	ECS to Terminal sub-loop 2 Wire DSL - Rate Group 2	XHW++, XGW++	U7SQB	2
13MR-SL	IN	SUB-LOOPS	ECS to Terminal sub-loop 2 Wire DSL - Rate group 1	XHW++, XGW++	U7SQC	1
13MR-SL	IN	SUB-LOOPS	ECS to Terminal sub-loop 4 Wire DSL - Rate Group 3	XHY++, XGY++	U7SQA	3
13MR-SL	IN	SUB-LOOPS	ECS to Terminal sub-loop 4 Wire DSL - Rate Group 2	XHY++, XGY++	U7SQB	2
13MR-SL	IN	SUB-LOOPS	ECS to Terminal sub-loop 4 Wire DSL - Rate Group 1	XHY++, XGY++	U7SQC	1
13MR-SL	IN	SUB-LOOPS	ECS to NID sub-loop 2 Wire Analog - Rate group 3	XHG++, XGG++	U7SRA	3
13MR-SL	IN	SUB-LOOPS	ECS to NID sub-loop 2 Wire Analog - Rate Group 2	XHG++, XGG++	U7SRB	2
13MR-SL	IN	SUB-LOOPS	ECS to NID sub-loop 2 Wire Analog - Rate Group 1	XHG++, XGG++	U7SRC	1
13MR-SL	IN	SUB-LOOPS	ECS to NID sub-loop 4 Wire Analog - Rate Group 3	XHK++, XGK++	U7SRA	3
13MR-SL	IN	SUB-LOOPS	ECS to NID sub-loop 4 Wire Analog - Rate Group 2	XHK++, XGK++	U7SRB	2
13MR-SL	IN	SUB-LOOPS	ECS to NID sub-loop 4 Wire Analog - Rate group 1	XHK++, XGK++	U7SRC	1
13MR-SL	IN	SUB-LOOPS	ECS to NID sub-loop 2 Wire DSL - Rate Group 3	XHW++, XGW++	U7SRA	3
13MR-SL	IN	SUB-LOOPS	ECS to NID sub-loop 2 Wire DSL - Rate group 2	XHW++, XGW++	U7SRB	2
13MR-SL	IN	SUB-LOOPS	ECS to NID sub-loop 2 Wire DSL - Rate Group 1	XHW++, XGW++	U7SRC	1
13MR-SL	IN	SUB-LOOPS	ECS to NID sub-loop 4 Wire DSL - Rate Group 3	XHY++, XGY++	U7SRA	3
13MR-SL	IN	SUB-LOOPS	ECS to NID sub-loop 4 Wire DSL - Rate Group 2	XHY++, XGY++	U7SRB	2
13MR-SL	IN	SUB-LOOPS	ECS to NID sub-loop 4 Wire DSL - Rate Group 1	XHY++, XGY++	U7SRC	1
13MR-SL	IN	SUB-LOOPS	SAI to Terminal sub-loop 2 Wire Analog - Rate group 3	XHG++, XGG++	U7SSA	3
13MR-SL	IN	SUB-LOOPS	SAI to Terminal sub-loop 2 Wire Analog - Rate Group 2	XHG++, XGG++	U7SSB	2
13MR-SL	IN	SUB-LOOPS	SAI to Terminal sub-loop 2 Wire Analog - Rate Group 1	XHG++, XGG++	U7SSC	1
13MR-SL	IN	SUB-LOOPS	SAI to Terminal sub-loop 4 Wire Analog - Rate Group 3	XHK++, XGK++	U7SSA	3
13MR-SL	IN	SUB-LOOPS	SAI to Terminal sub-loop 4 Wire Analog - Rate Group 2	XHK++, XGK++	U7SSB	2
13MR-SL	IN	SUB-LOOPS	SAI to Terminal sub-loop 4 Wire Analog - Rate Group 1	XHK++, XGK++	U7SSC	1
13MR-SL	IN	SUB-LOOPS	SAI to Terminal sub-loop 2 Wire DSL - Rate Group 3	XHW++, XGW++	U7SSA	3

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13MR-SL	IN	SUB-LOOPS	SAI to Terminal sub-loop 2 Wire DSL - Rate Group 2	XHW++, XGW++	U7SSB	2
13MR-SL	IN	SUB-LOOPS	SAI to Terminal sub-loop 2 Wire DSL - Rate Group 1	XHW++, XGW++	U7SSC	1
13MR-SL	IN	SUB-LOOPS	SAI to Terminal sub-loop 4 Wire DSL - Rate Group 3	XHY++, XGY++	U7SSA	3
13MR-SL	IN	SUB-LOOPS	SAI to Terminal sub-loop 4 Wire DSL - Rate Group 2	XHY++, XGY++	U7SSB	2
13MR-SL	IN	SUB-LOOPS	SAI to Terminal sub-loop 4 Wire DSL - Rate Group 1	XHY++, XGY++	U7SSC	1
13MR-SL	IN	SUB-LOOPS	SAI to NID sub-loop 2 Wire Analog - Rate group 3	XHG++, XGG++	U7STA	3
13MR-SL	IN	SUB-LOOPS	SAI to NID sub-loop 2 Wire Analog - Rate Group 2	XHG++, XGG++	U7STB	2
13MR-SL	IN	SUB-LOOPS	SAI to NID sub-loop 2 Wire Analog - Rate Group 1	XHG++, XGG++	U7STC	1
13MR-SL	IN	SUB-LOOPS	SAI to NID sub-loop 4 Wire Analog - Rate Group 3	XHK++, XGK++	U7STA	3
13MR-SL	IN	SUB-LOOPS	SAI to NID sub-loop 4 Wire Analog - Rate Group 2	XHK++, XGK++	U7STB	2
13MR-SL	IN	SUB-LOOPS	SAI to NID sub-loop 4 Wire Analog - Rate Group 1	XHK++, XGK++	U7STC	1
13MR-SL	IN	SUB-LOOPS	SAI to NID sub-loop 2 Wire DSL - Rate Group 3	XHW++, XGW++	U7STA	3
13MR-SL	IN	SUB-LOOPS	SAI to NID sub-loop 2 Wire DSL - Rate Group 2	XHW++, XGW++	U7STB	2
13MR-SL	IN	SUB-LOOPS	SAI to NID sub-loop 2 Wire DSL - Rate Group 1	XHW++, XGW++	U7STC	1
13MR-SL	IN	SUB-LOOPS	SAI to NID sub-loop 4 Wire DSL - Rate Group 3	XHY++, XGY++	U7STA	3
13MR-SL	IN	SUB-LOOPS	SAI to NID sub-loop 4 Wire DSL - Rate Group 2	XHY++, XGY++	U7STB	2
13MR-SL	IN	SUB-LOOPS	SAI to NID sub-loop 4 Wire DSL - Rate Group 1	XHY++, XGY++	U7STC	1
13MR-SL	IN	SUB-LOOPS	Terminal to NID sub-loop 2 Wire Analog - Rate Group 3	XHG++, XGG++	U7SUA	3
13MR-SL	IN	SUB-LOOPS	Terminal to NID sub-loop 2 Wire Analog - Rate Group 2	XHG++, XGG++	U7SUB	2
13MR-SL	IN	SUB-LOOPS	Terminal to NID sub-loop 2 Wire Analog - Rate Group 1	XHG++, XGG++	U7SUC	1
13MR-SL	IN	SUB-LOOPS	Terminal to NID sub-loop 4 Wire Analog - Rate Group 3	XHK++, XGK++	U7SUA	3
13MR-SL	IN	SUB-LOOPS	Terminal to NID sub-loop 4 Wire Analog - Rate Group 2	XHK++, XGK++	U7SUB	2
13MR-SL	IN	SUB-LOOPS	Terminal to NID sub-loop 4 Wire Analog - Rate Group 1	XHK++, XGK++	U7SUC	1
13MR-SL	IN	SUB-LOOPS	Terminal to NID sub-loop 2 Wire DSL - Rate Group 3	XHW++, XGW++	U7SUA	3
13MR-SL	IN	SUB-LOOPS	Terminal to NID sub-loop 2 Wire DSL - Rate Group 2	XHW++, XGW++	U7SUB	2
13MR-SL	IN	SUB-LOOPS	Terminal to NID sub-loop 2 Wire DSL - Rate Group 1	XHW++, XGW++	U7SUC	1
13MR-SL	IN	SUB-LOOPS	Terminal to NID sub-loop 4 Wire DSL - Rate Group 3	XHY++, XGY++	U7SUA	3
13MR-SL	IN	SUB-LOOPS	Terminal to NID sub-loop 4 Wire DSL - Rate Group 2	XHY++, XGY++	U7SUB	2
13MR-SL	IN	SUB-LOOPS	Terminal to NID sub-loop 4 Wire DSL - Rate Group 1	XHY++, XGY++	U7SUC	1
13MR-SL	IN	SUB-LOOPS	NID sub-loop element 2 Wire Analog - Rate Group 3	XHG++, XGG++		3
13MR-SL	IN	SUB-LOOPS	NID sub-loop element 2 Wire Analog - Rate Group 2	XHG++, XGG++		2

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13MR-SL	IN	SUB-LOOPS	NID sub-loop element 2 Wire Analog - Rate Group 1	XHG++, XGG++		1
13MR-SL	IN	SUB-LOOPS	NID sub-loop element 4 Wire Analog - Rate Group 3	XHK++, XGK++		3
13MR-SL	IN	SUB-LOOPS	NID sub-loop element 4 Wire Analog - Rate Group 2	XHK++, XGK++		2
13MR-SL	IN	SUB-LOOPS	NID sub-loop element 4 Wire Analog - Rate Group 1	XHK++, XGK++		1
13MR-SL	IN	SUB-LOOPS	NID sub-loop element 2 Wire DSL - Rate Group 3	XHW++, XGW++		3
13MR-SL	IN	SUB-LOOPS	NID sub-loop element 2 Wire DSL - Rate Group 2	XHW++, XGW++		2
13MR-SL	IN	SUB-LOOPS	NID sub-loop element 2 Wire DSL - Rate Group 1	XHW++, XGW++		1
13MR-SL	IN	SUB-LOOPS	NID sub-loop element 4 Wire DSL - Rate Group 3	XHY++, XGY++		3
13MR-SL	IN	SUB-LOOPS	NID sub-loop element 4 Wire DSL - Rate Group 2	XHY++, XGY++		2
13MR-SL	IN	SUB-LOOPS	NID sub-loop element 4 Wire DSL - Rate Group 1	XHY++, XGY++		1
13MR-SL	IN	SUB-LOOPS	NID sub-loop element 2 Wire ISDN Compatible - Rate Group 3	XHQ++, XGQ++		3
13MR-SL	IN	SUB-LOOPS	NID sub-loop element 2 Wire ISDN Compatible - Rate Group 2	XHQ++, XGQ++		2
13MR-SL	IN	SUB-LOOPS	NID sub-loop element 2 Wire ISDN Compatible - Rate Group 1	XHQ++, XGQ++		1
13MR-SL	IN	SUB-LOOPS	Non-Recurring Charges 2-Wire Analog Sub-Loop	XHG++, XGG++		
13MR-SL	IN	SUB-LOOPS	Non-Recurring Charges 4-Wire Analog Sub-Loop	XHK++, XGK++		
13MR-SL	IN	SUB-LOOPS	Non-Recurring Charges 2-Wire xDSL Digital Sub-Loop	XHW++, XGW++		
13MR-SL	IN	SUB-LOOPS	Non-Recurring Charges 4-Wire xDSL Digital Sub-Loop	XHY++, XGY++		
13MR-SL	IN	SUB-LOOPS	Non-Recurring Charges 2-Wire ISDN Digital Sub-Loop	XHQ++, XGQ++		
13MR-SL	IN	SUB-LOOPS	Service Order Charge Establish, per occasion	XHG++, XGG++, XHK++, XGK++, XHW++, XGW++, XHY++, XGY++, XHQ++, XGQ++, XQ1++		
13MR-SL	IN	SUB-LOOPS	Service Order Charge Line Connection Add or change, per occasion	XHG++, XGG++, XHK++, XGK++, XHW++, XGW++, XHY++, XGY++, XHQ++, XGQ++, XQ1++		
13MR-SL	IN	SUB-LOOPS	Service Order Charge Line Connection per occasion	XHG++, XGG++, XHK++, XGK++, XHW++, XGW++, XHY++, XGY++, XHQ++, XGQ++, XQ1++		
13	IN	UNBUNDLED EXCHANGE ACCESS LOOP	Cross Connects 2-Wire	MUJ++, UOB++, UOR++	CXCT2	
13	IN	UNBUNDLED EXCHANGE ACCESS LOOP	Cross Connects 4-Wire	MUJ++, UOB++, UOR++	CXCT4	
13	IN	UNBUNDLED EXCHANGE ACCESS LOOP	Cross Connects DS1/LT1	MUJ++, UOB++, UOR++	CXCDX	
13	IN	UNBUNDLED EXCHANGE ACCESS LOOP	Cross Connects DS3/LT3	MUJ++, UOB++, UOR++	CXC8X	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	IN	UNBUNDLED EXCHANGE ACCESS LOOP	Cross Connects DS3 C.O. LOOP Cross-Connect to Collocation	MUJ++, UOB++, UOR++	CXCBX	
13	IN	UNBUNDLED DEDICATED TRANSPORT	Interoffice Transport DS1 Interoffice Mileage Termination - Per Point of Termination - All Zones	UB5++, EE7MX, UK1++	CZ4X1	
13	IN	UNBUNDLED DEDICATED TRANSPORT	Interoffice Transport DS1 Interoffice Mileage Termination - Per Point of Termination - All Zones	UB5++, EE7MX, UK1++	CZ4X2	
13	IN	UNBUNDLED DEDICATED TRANSPORT	Interoffice Transport DS1 Interoffice Mileage Termination - Per Point of Termination - All Zones	UB5++, EE7MX, UK1++	CZ4X3	
13	IN	UNBUNDLED DEDICATED TRANSPORT	Interoffice Mileage - Per Mile - All Zones	UB5++, EE7MX, UK1++	1YZX1	
13	IN	UNBUNDLED DEDICATED TRANSPORT	Interoffice Mileage - Per Mile - All Zones	UB5++, EE7MX, UK1++	1YZX2	
13	IN	UNBUNDLED DEDICATED TRANSPORT	Interoffice Mileage - Per Mile - All Zones	UB5++, EE7MX, UK1++	1YZX3	
13	IN	UNBUNDLED DEDICATED TRANSPORT	Interoffice Transport DS3 Interoffice Mileage Termination - Per Point of Termination - All Zones	UB5++, EE7NX, UK3++	CZ4W1	
13	IN	UNBUNDLED DEDICATED TRANSPORT	Interoffice Transport DS3 Interoffice Mileage Termination - Per Point of Termination - All Zones	UB5++, EE7NX, UK3++	CZ4W2	
13	IN	UNBUNDLED DEDICATED TRANSPORT	Interoffice Transport DS3 Interoffice Mileage Termination - Per Point of Termination - All Zones	UB5++, EE7NX, UK3++	CZ4W3	
13	IN	UNBUNDLED DEDICATED TRANSPORT	Interoffice Transport DS3 Interoffice Mileage - Per Mile - All Zones	UB5++, EE7NX, UK3++	1YZB1	
13	IN	UNBUNDLED DEDICATED TRANSPORT	Interoffice Transport DS3 Interoffice Mileage - Per Mile - All Zones	UB5++, EE7NX, UK3++	1YZB2	
13	IN	UNBUNDLED DEDICATED TRANSPORT	Interoffice Transport DS3 Interoffice Mileage - Per Mile - All Zones	UB5++, EE7NX, UK3++	1YZB3	
13	IN	UNBUNDLED EXCHANGE ACCESS LOOP	Enhanced Extended Loop (EEL) Service Order per LSR Electronic, Analog 2-Wire Digital Loop, Establishment Request, Install	EE7JX, EE7KX, EE7LX	NKCAR	
13	IN	UNBUNDLED EXCHANGE ACCESS LOOP	Enhanced Extended Loop (EEL) Service Order per LSR Electronic, Analog 2-Wire Digital Loop, Establishment Request, Disconnect	EE7JX, EE7KX, EE7LX	NKCAS	
13	IN	UNBUNDLED EXCHANGE ACCESS LOOP	Enhanced Extended Loop (EEL) Service Order per LSR Electronic, Analog 2-Wire Digital Loop, Subsequent Order	EE7JX, EE7KX, EE7LX	NKCAT	
13	IN	UNBUNDLED EXCHANGE ACCESS LOOP	Enhanced Extended Loop (EEL) Service Order per LSR Manual, Analog 2-Wire Digital Loop, Establishment Request, Install	EE7JX, EE7KX, EE7LX	NKCAU	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	IN	UNBUNDLED EXCHANGE ACCESS LOOP	Enhanced Extended Loop (EEL) Service Order per LSR manual, Analog 2-Wire Digital Loop, Establishment Request, Disconnect	EE7JX, EE7KX, EE7LX	NKCAV	
13	IN	UNBUNDLED EXCHANGE ACCESS LOOP	Enhanced Extended Loop (EEL) Service Order per LSR Manual, Analog 2-Wire Digital Loop, Subsequent Order	EE7MX	NKCAW	
13	IN	UNBUNDLED EXCHANGE ACCESS LOOP	Enhanced Extended Loop (EEL) Service Order per LSR Electronic, DS1 Loop, Establishment Request, Install	EE7MX	NKCAX	
13	IN	UNBUNDLED EXCHANGE ACCESS LOOP	Enhanced Extended Loop (EEL) Service Order per LSR Electronic, DS1 Loop, Establishment Request, Disconnect	EE7MX	NKCAY	
13	IN	UNBUNDLED EXCHANGE ACCESS LOOP	Enhanced Extended Loop (EEL) Service Order per LSR Electronic, DS1 Loop, Subsequent Order	EE7MX	NKCAZ	
13	IN	UNBUNDLED EXCHANGE ACCESS LOOP	Enhanced Extended Loop (EEL) Service Order per LSR Manual, DS1 Loop, Establishment Request, Install	EE7MX	NKCB1	
13	IN	UNBUNDLED EXCHANGE ACCESS LOOP	Enhanced Extended Loop (EEL) Service Order per LSR Manual, DS1 Loop, Establishment Request, Disconnect	EE7MX	NKCB2	
13	IN	UNBUNDLED EXCHANGE ACCESS LOOP	Enhanced Extended Loop (EEL) Service Order per LSR Manual, DS1 Loop, Subsequent Order	EE7MX	NKCB3	
13	IN	UNBUNDLED DEDICATED TRANSPORT	Enhanced Extended Loop (EEL) Service Order per LSR Electronic, DS1 or DS3 Transport, Establishment Request, Install			
13	IN	UNBUNDLED DEDICATED TRANSPORT	Enhanced Extended Loop (EEL) Service Order per LSR Electronic, DS1 or DS3 Transport, Establishment Request, Disconnect			
13	IN	UNBUNDLED DEDICATED TRANSPORT	Enhanced Extended Loop (EEL) Service Order per LSR Manual, DS1 or DS3 Transport, Establishment Request, Install			
13	IN	UNBUNDLED DEDICATED TRANSPORT	Enhanced Extended Loop (EEL) Service Order per LSR Manual, DS1 or DS3 Transport, Establishment Request, Disconnect			
13	IN	UNBUNDLED EXCHANGE ACCESS LOOP	Enhanced Extended Loop (EEL) Service Order per LSR Electronic, Non-channelized DS1 EEL, Establishment Request, Install	EE7MX	NKCB4	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	IN	UNBUNDLED EXCHANGE ACCESS LOOP	Enhanced Extended Loop (EEL) Service Order per LSR Electronic, Non-channelized DS1 EEL, Establishment Request, Disconnect	EE7MX	NKCB5	
13	IN	UNBUNDLED EXCHANGE ACCESS LOOP	Enhanced Extended Loop (EEL) Service Order per LSR Manual, Non-channelized DS1 EEL, Establishment Request, Install	EE7MX	NKCB6	
13	IN	UNBUNDLED EXCHANGE ACCESS LOOP	Enhanced Extended Loop (EEL) Service Order per LSR Manual, Non-channelized DS1 EEL, Establishment Request, Disconnect	EE7MX	NKCB7	
13	IN	UNBUNDLED DEDICATED TRANSPORT	Enhanced Extended Loop (EEL) Service Order per LSR Electronic, CO Multiplexing, DS1 to Voice, Establishment Request, Install			
13	IN	UNBUNDLED DEDICATED TRANSPORT	Enhanced Extended Loop (EEL) Service Order per LSR Electronic, CO Multiplexing, DS1 to Voice, Establishment Request, Disconnect			
13	IN	UNBUNDLED DEDICATED TRANSPORT	Enhanced Extended Loop (EEL) Service Order per LSR Manual, CO Multiplexing, DS1 to Voice, Establishment Request, Install			
13	IN	UNBUNDLED DEDICATED TRANSPORT	Enhanced Extended Loop (EEL) Service Order per LSR Manual, CO Multiplexing, DS1 to Voice, Establishment Request, Disconnect			
13	IN	UNBUNDLED EXCHANGE ACCESS LOOP	Enhanced Extended Loop (EEL) New Combination per Element 2-Wire Analog Loop Connection, Initial, Install	EE7JX	NKCB8	
13	IN	UNBUNDLED EXCHANGE ACCESS LOOP	Enhanced Extended Loop (EEL) New Combination per Element 2-Wire Analog Loop Connection, Initial, Disconnect	EE7JX	NKCB9	
13	IN	UNBUNDLED EXCHANGE ACCESS LOOP	Enhanced Extended Loop (EEL) New Combination per Element 2-Wire Analog Loop Connection, Additional, Install	EE7JX	NKCBA	
13	IN	UNBUNDLED EXCHANGE ACCESS LOOP	Enhanced Extended Loop (EEL) New Combination per Element 2-Wire Analog Loop Connection, Additional, Disconnect	EE7JX	NKCBB	
13	IN	UNBUNDLED EXCHANGE ACCESS LOOP	Enhanced Extended Loop (EEL) New Combination per Element 4-Wire Analog Loop Connection, Initial, Install	EE7KX	NKCBC	
13	IN	UNBUNDLED EXCHANGE ACCESS LOOP	Enhanced Extended Loop (EEL) New Combination per Element 4-Wire Analog Loop Connection, Initial, Disconnect	EE7KX	NKCBD	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	IN	UNBUNDLED EXCHANGE ACCESS LOOP	Enhanced Extended Loop (EEL) New Combination per Element 4-Wire Analog Loop Connection, Additional, Install	EE7KX	NKCB E	
13	IN	UNBUNDLED EXCHANGE ACCESS LOOP	Enhanced Extended Loop (EEL) New Combination per Element 4-Wire Analog Loop Connection, Additional, Disconnect	EE7KX	NKCB F	
13	IN	UNBUNDLED EXCHANGE ACCESS LOOP	Enhanced Extended Loop (EEL) New Combination per Element 2-Wire Digital Loop Connection, Initial, Install	EE7LX	NKCB G	
13	IN	UNBUNDLED EXCHANGE ACCESS LOOP	Enhanced Extended Loop (EEL) New Combination per Element 2-Wire Digital Loop Connection, Initial, Disconnect	EE7LX	NKCB H	
13	IN	UNBUNDLED EXCHANGE ACCESS LOOP	Enhanced Extended Loop (EEL) New Combination per Element 2-Wire Digital Loop Connection, Additional, Install	EE7LX	NKCB J	
13	IN	UNBUNDLED EXCHANGE ACCESS LOOP	Enhanced Extended Loop (EEL) New Combination per Element 2-Wire Digital Loop Connection, Additional, Disconnect	EE7LX	NKCB K	
13	IN	UNBUNDLED EXCHANGE ACCESS LOOP	Enhanced Extended Loop (EEL) New Combination per Element 4-Wire Digital Loop Connection, Initial, Install	EE7MX	NKCB L	
13	IN	UNBUNDLED EXCHANGE ACCESS LOOP	Enhanced Extended Loop (EEL) New Combination per Element 4-Wire Digital Loop Connection, Initial, Disconnect	EE7MX	NKCB M	
13	IN	UNBUNDLED EXCHANGE ACCESS LOOP	Enhanced Extended Loop (EEL) New Combination per Element 4-Wire Digital Loop Connection, Additional, Install	EE7MX	NKCB N	
13	IN	UNBUNDLED EXCHANGE ACCESS LOOP	Enhanced Extended Loop (EEL) New Combination per Element 4-Wire Digital Loop Connection, Additional, Disconnect	EE7MX	NKCB O	
13	IN	UNBUNDLED DEDICATED TRANSPORT	Enhanced Extended Loop (EEL) New Combination per Element CO Multiplexing, DS I to Voice, Initial, Install	EE7MX		
13	IN	UNBUNDLED DEDICATED TRANSPORT	Enhanced Extended Loop (EEL) New Combination per Element CO Multiplexing, DSI to Voice, Initial, Disconnect	EE7MX		
13	IN	UNBUNDLED DEDICATED TRANSPORT	Enhanced Extended Loop (EEL) New Combination per Element CO Multiplexing, DSI to Voice, Additional, Install	EE7MX		

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	IN	UNBUNDLED DEDICATED TRANSPORT	Enhanced Extended Loop (EEL) New Combination per Element CO Multiplexing, DSI to Voice, Additional, Disconnect	EE7MX		
13	IN	UNBUNDLED DEDICATED TRANSPORT	Enhanced Extended Loop (EEL) New Combination per Element DS1 Interoffice Dedicated Transport Collocated, Initial, Install	EE7MX		
13	IN	UNBUNDLED DEDICATED TRANSPORT	Enhanced Extended Loop (EEL) New Combination per Element DS1 Interoffice Dedicated Transport Collocated, Initial, Disconnect	EE7MX		
13	IN	UNBUNDLED DEDICATED TRANSPORT	Enhanced Extended Loop (EEL) New Combination per Element DS1 Interoffice Dedicated Transport Collocated, Additional, Install	EE7MX		
13	IN	UNBUNDLED DEDICATED TRANSPORT	Enhanced Extended Loop (EEL) New Combination per Element DS1 Interoffice Dedicated Transport Collocated, Additional, Disconnect	EE7MX		
13	IN	UNBUNDLED DEDICATED TRANSPORT	Enhanced Extended Loop (EEL) New Combination per Element 4-Wire DS1 Digital Loop to DS1 Interoffice Dedicated Transport Collocated, Initial, Install	EE7MX	NKCBT	
13	IN	UNBUNDLED DEDICATED TRANSPORT	Enhanced Extended Loop (EEL) New Combination per Element 4-Wire DS1 Digital Loop to DS1 Interoffice Dedicated Transport Collocated, Initial, Disconnect	EE7MX	NKCBU	
13	IN	UNBUNDLED DEDICATED TRANSPORT	Enhanced Extended Loop (EEL) New Combination per Element 4-Wire DS1 Digital Loop to DS1 Interoffice Dedicated Transport Collocated, Add'l, Install	EE7MX	NKCBV	
13	IN	UNBUNDLED DEDICATED TRANSPORT	Enhanced Extended Loop (EEL) New Combination per Element 4-Wire DS1 Digital Loop to DS1 Interoffice Dedicated Transport, Collocated, Add'l, Disconnect	EE7MX	NKCBW	
13	IN	UNBUNDLED DEDICATED TRANSPORT	Enhanced Extended Loop (EEL) New Combination per Element DS3 Interoffice Dedicated Transport Collocated, Initial, Install	EE7NX		
13	IN	UNBUNDLED DEDICATED TRANSPORT	Enhanced Extended Loop (EEL) New Combination per Element DS3 Interoffice Dedicated Transport Collocated, Initial, Disconnect	EE7NX		
13	IN	UNBUNDLED DEDICATED TRANSPORT	Enhanced Extended Loop (EEL) New Combination per Element DS3 Interoffice Dedicated Transport Collocated, Additional, Install	EE7NX		

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	IN	UNBUNDLED DEDICATED TRANSPORT	Enhanced Extended Loop (EEL) New Combination per Element DS3 Interoffice Dedicated Transport Collocated, Additional, Disconnect	EE7NX		
13	IN	UNBUNDLED EXCHANGE ACCESS LOOP	Enhanced Extended Loop (EEL) New Combination per Element Clear Channel Capability, Initial, Install	EE7MX	NKCC6	
13	IN	UNBUNDLED EXCHANGE ACCESS LOOP	Enhanced Extended Loop (EEL) New Combination per Element Clear Channel Capability, Additional, Install	EE7MX	NKCC7	
13	IN	UNBUNDLED EXCHANGE ACCESS LOOP	Special Access to Une Conversion per Activity Channelized Facility from Cage, DS1, Design and Coordination Charge	EE7MX	NKCC9	
13	IN	UNBUNDLED EXCHANGE ACCESS LOOP	Special Access to Une Conversion per Activity Channelized Facility from Cage, DS1, Demarcation Re-Tag Charge	EE7MX		
13	IN	UNBUNDLED EXCHANGE ACCESS LOOP	Special Access to Une Conversion per Activity Channelized Facility from Cage, DS3, Design and Coordination Charge	EE7NX	NKCCA	
13	IN	UNBUNDLED EXCHANGE ACCESS LOOP	Special Access to Une Conversion per Activity Channelized Facility from Cage, DS3, Demarcation Re-Tag Charge	EE7NX		
13	IN	UNBUNDLED EXCHANGE ACCESS LOOP	Special Access to Une Conversion per Activity Channelized Facility from Cage, DSO, Design and Coordination Charge	EE7JX, EE7KX, EE7LX		
13	IN	UNBUNDLED EXCHANGE ACCESS LOOP	Special Access to Une Conversion per Activity Channelized Facility from Cage, DSO, Design and Coordination Charge	EE7JX, EE7KX, EE7LX	NKCCB	
13	IN	UNBUNDLED EXCHANGE ACCESS LOOP	Special Access to Une Conversion per Activity Non-Channelized Facility from Cage, DSO, Demarcation Re-Tag Charge	EE7JX, EE7KX, EE7LX		
13	IN	UNBUNDLED EXCHANGE ACCESS LOOP	Special Access to Une Conversion per Activity Non-Channelized Facility from Cage, DS1, Design and Coordination Charge	EE7MX	NKCCC	
13	IN	UNBUNDLED EXCHANGE ACCESS LOOP	Special Access to Une Conversion per Activity Non-Channelized Facility from Cage, DS1, Demarcation Re-Tag charge	EE7MX		
13	IN	UNBUNDLED EXCHANGE ACCESS LOOP	Special Access to Une Conversion per Activity Non-Channelized Facility from Cage, DS3, Design and Coordination charge	EE7NX	NKCCD	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	IN	UNBUNDLED EXCHANGE ACCESS LOOP	Special Access to Une Conversion per ActivityNon-Channelized Facility from Cage, DS3, Demarcation Re-Tag Charge	EE7NX		
13	IN	UNBUNDLED EXCHANGE ACCESS LOOP	Special Access to Une Conversion per ActivityChannelized Facility from POP, DS1, Design and Coordination charge	EE7MX	NKCCE	
13	IN	UNBUNDLED EXCHANGE ACCESS LOOP	Special Access to Une Conversion per Activity Channelized Facility from POP, DS1, Demarcation Re-Tag Charge			
13	IN	UNBUNDLED EXCHANGE ACCESS LOOP	Special Access to Une Conversion per Activity Channelized Facility from POP, DS3, Design and Coordination Charge	EE7NX	NKCCF	
13	IN	UNBUNDLED EXCHANGE ACCESS LOOP	Special Access to Une Conversion per Activity Channelized Facility from POP, DS3, Demarcation Re-Tag Charge			
13	IN	UNBUNDLED EXCHANGE ACCESS LOOP	Special Access to Une Conversion per Activity Channelized Facility from POP, DSO, Design and Coordination Charge			
13	IN	UNBUNDLED EXCHANGE ACCESS LOOP	Special Access to Une Conversion per Activity Non-Channelized Facility from POP, DSO, Design and Coordination Charge	EE7JX, EE7KX, EE7LX	NKCCG	
13	IN	UNBUNDLED EXCHANGE ACCESS LOOP	Special Access to Une Conversion per ActivityNon-Channelized Facility from POP, DSO, Demarcation Re-Tag Charge			
13	IN	UNBUNDLED EXCHANGE ACCESS LOOP	Special Access to Une Conversion per ActivityNon-Channelized Facility from POP, DS1, Design and Coordination Charge	EE7MX	NKCCH	
13	IN	UNBUNDLED EXCHANGE ACCESS LOOP	Non-Channelized Facility from POP, DS1, Demarcation Re-Tag charge			
13	IN	UNBUNDLED EXCHANGE ACCESS LOOP	Special Access to Une Conversion per ActivityNon-Channelized Facility from POP, DS3, Design and Coordination Charge	EE7NX	NKCCJ	
13	IN	UNBUNDLED EXCHANGE ACCESS LOOP	Special Access to Une Conversion per ActivityNon-Channelized Facility from POP, DS3, Demarcation Re-Tag Charge			
13	IN	UNBUNDLED EXCHANGE ACCESS LOOP	Special Access to UNE Conversions Per Circuit Project Administrative Activity	EE7JX, EE7KX, EE7LX, EE7MX, EE7NX	NKCC8	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	IN	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS1 to Voice Grade	UB5++, UK1++, EE7MX	QMVX1	
13	IN	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS1 to Voice Grade	UB5++, UK1++, EE7MX	QMVX2	
13	IN	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS1 to Voice Grade	UB5++, UK1++, EE7MX	QMVX3	
13	IN	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS3 to DS1	UB5++, UK3++, EE7NX	QM3X1	
13	IN	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS3 to DS1	UB5++, UK3++, EE7NX	QM3X2	
13	IN	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS3 to DS1	UB5++, UK3++, EE7NX	QM3X3	
13	IN	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Cross Connects DS1	UB5++, EE7MX, UK1++	CXCDX	
13	IN	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Cross Connects DS3	UB5++, EE7NX, UK3++	CXCEX	
13	IN	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Optional Features & Functions DS1 Clear Channel Capability - Per 1.544 Mbps Circuit Arranged	UB5++, EE7MX, UK1++	CLYX1	
13	IN	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Optional Features & Functions DS1 Clear Channel Capability - Per 1.544 Mbps Circuit Arranged	UB5++, EE7MX, UK1++	CLYX2	
13	IN	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Optional Features & Functions DS1 Clear Channel Capability - Per 1.544 Mbps Circuit Arranged	UB5++, EE7MX, UK1++	CLYX3	
13	IN	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Installation & Rearrangement Charges DS1 Administration Charge - Per Order	UB5++, UK1++	ORCMX	
13	IN	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Installation & Rearrangement Charges DS1 Design & Central Office Connection Charge - Per Circuit	UB5++, UK1++	NRBCL	
13	IN	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Installation & Rearrangement Charges DS1 Carrier Connection Charge - Per Order	UB5++, UK1++	NRBBL	
13	IN	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Installation & Rearrangement Charges DS3 Administration Charge - Per Order	UB5++, UK3++	ORCMX	
13	IN	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Installation & Rearrangement Charges DS3 Design & Central Office Connection Charge - Per Circuit	UB5++, UK3++	NRBCL	
13	IN	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Installation & Rearrangement Charges DS3 Design & Central Office Connection Charge - Per Circuit	UB5++, UK3++	NRBC4	
13	IN	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Installation & Rearrangement Charges DS3 Carrier Connection Charge - Per Order	UB5++, UK3++	NRBBL	
13	IN	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Installation & Rearrangement Charges DS3 Carrier Connection Charge - Per Order	UB5++, UK3++	NRBDT	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	IN	UNBUNDLED DEDICATED TRANSPORT	Dark Fiber Interoffice Termination (Per Termination per Fiber)		ULYCX	
13	IN	UNBUNDLED DEDICATED TRANSPORT	Dark Fiber Interoffice Mileage (Per Fiber per Foot)		ULNCF	
13	IN	UNBUNDLED DEDICATED TRANSPORT	Dark Fiber Interoffice Cross Connect (Per Termination per Fiber)		UKCJX	
13	IN	UNBUNDLED DEDICATED TRANSPORT	Dark Fiber Interoffice Transport - NRC		NR9D6	
13	IN	UNBUNDLED DEDICATED TRANSPORT	Dark Fiber FIRM ORDER (Per Fiber Strand) Connect		NRB51	
13	IN	UNBUNDLED DEDICATED TRANSPORT	Dark Fiber FIRM ORDER (Per Fiber Strand) Disconnect		NR9H2	
13	IN	UNBUNDLED DEDICATED TRANSPORT	Dark Fiber FIRM ORDER (Per Fiber Strand) Connect		NRB52	
13	IN	UNBUNDLED DEDICATED TRANSPORT	Dark Fiber FIRM ORDER (Per Fiber Strand) Disconnect		NR9H3	
13	IN	UNBUNDLED DEDICATED TRANSPORT	Dark Fiber FIRM ORDER (Per Fiber Strand) Connect		NRB54	
13	IN	UNBUNDLED DEDICATED TRANSPORT	Dark Fiber FIRM ORDER (Per Fiber Strand) Disconnect		NR9H5	
13	IN	ROUTINE MODIFICATIONS	Routine Modifications of Existing Facilities Charge	MUJ++, UOB++, UOR++, UB5++, EE7MX, EE7NX, UK3++, UK1++	N3RUE	
4	IN	LNP	Local Number Portability		NSR	
7	IN	OPERATIONS SUPPORT SYSTEM	Maintenance of Service Charges	MUJ++, UOB++, UOR++, UB5++, EE7JX, EE7KX, EE7LX, EE7MX, EE7NX, UK3++, UK1++	VRP	
13MR-SL	IN	OPERATIONS SUPPORT SYSTEM	Sub-Loops - Maintenance of Service Charges	XHG++, XGG++, XHK++, XGK++, XHW++, XGW++, XHY++, XGY++, XHQ++, XGQ++, XQ1++, XQ3++	VRP	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	KS	UNBUNDLED EXCHANGE ACCESS LOOP	Disconnect Loop from inside wiring, per NID		NRBND	
13	KS	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Loop - Zone 1 (Rural)		U21	1
13	KS	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Loop - Zone 2 (Suburban)		U21	2
13	KS	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Loop - Zone 3 (Urban)		U21	3
13	KS	UNBUNDLED EXCHANGE ACCESS LOOP	Loop Conditioning for dB loss from 8db to 5db		UL2	
13	KS	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Loop - Zone 1(Rural)		U4H	1
13	KS	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Loop - Zone 2 (Suburban)		U4H	2
13	KS	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Loop - Zone 3 (Urban)		U4H	3
13	KS	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Digital Loop - Zone 1(Rural)		U2Q	1
13	KS	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Digital Loop - Zone 2 (Suburban)		U2Q	2
13	KS	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Digital Loop - Zone 3 (Urban)		U2Q	3
13	KS	UNBUNDLED EXCHANGE ACCESS LOOP	DS1 Loop Zone 1 (Rural)		U4D1X	1
13	KS	UNBUNDLED EXCHANGE ACCESS LOOP	DS1 Loop Zone 2 (Suburban)		U4D1X	2
13	KS	UNBUNDLED EXCHANGE ACCESS LOOP	DS1 Loop Zone 3 (Urban)		U4D1X	3
13	KS	UNBUNDLED EXCHANGE ACCESS LOOP	DS3 Loop Zone 1 (Rural)		U4D3X	1
13	KS	UNBUNDLED EXCHANGE ACCESS LOOP	DS3 Loop Zone 2 (Suburban)		U4D3X	2
13	KS	UNBUNDLED EXCHANGE ACCESS LOOP	DS3 Loop Zone 3 (Urban)		U4D3X	3
13	KS	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Loop Cross Connect to Collocation		UCXC2	
13	KS	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Loop Cross Connect to Collocation (without testing)		UCXD2	
13	KS	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Loop Cross Connect to Collocation		UCXC4	
13	KS	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Loop Cross Connect to Collocation (without testing)		UCXD4	
13	KS	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Digital Loop Cross Connect to Collocation		(UCXC2)	
13	KS	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Digital Loop Cross Connect to Collocation (without testing)		(UCXD2)	
13	KS	UNBUNDLED EXCHANGE ACCESS LOOP	DS1 Loop Cross Connect to Collocation		UCXHX	
13	KS	UNBUNDLED EXCHANGE ACCESS LOOP	DS3 Loop Cross Connect to collocation		UCXBX	
14	KS	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #1 - 2-Wire xDSL Loop - Zone 1 (Rural)		2SLAX	1
14	KS	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #1 - 2-Wire xDSL Loop - Zone 2 (Suburban)		2SLAX	2
14	KS	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #1 - 2-Wire xDSL Loop - Zone 3 (Urban)		2SLAX	3
14	KS	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #2 - 2-Wire xDSL Loop - Zone 1 (Rural)		2SLCX	1
14	KS	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #2 - 2-Wire xDSL Loop - Zone 2 (Suburban)		2SLCX	2
14	KS	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #2 - 2-Wire xDSL Loop - Zone 3 (Urban)		2SLCX	3
14	KS	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #3 - 2-Wire xDSL Loop - Zone 1 (Rural)		2SLBX	1
14	KS	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #3 - 2-Wire xDSL Loop - Zone 2 (Suburban)		2SLBX	2
14	KS	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #3 - 2-Wire xDSL Loop - Zone 3 (Urban)		2SLBX	3

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
14	KS	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #4 - 2-Wire xDSL Loop - Zone 1 (Rural)		2SLDX	1
14	KS	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #4 - 2-Wire xDSL Loop - Zone 2 (Suburban)		2SLDX	2
14	KS	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #4 - 2-Wire xDSL Loop - Zone 3 (Urban)		2SLDX	3
14	KS	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #5 - 2-Wire xDSL Loop - Zone 1 (Rural)		U2F	1
14	KS	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #5 - 2-Wire xDSL Loop - Zone 2 (Suburban)		U2F	2
14	KS	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #5 - 2-Wire xDSL Loop - Zone 3 (Urban)		U2F	3
14	KS	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #7 - 2-Wire xDSL Loop - Zone 1 (Rural)		2SLFX	1
14	KS	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #7 - 2-Wire xDSL Loop - Zone 2 (Suburban)		2SLFX	2
14	KS	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #7 - 2-Wire xDSL Loop - Zone 3 (Urban)		2SLFX	3
14	KS	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #3 - 4-Wire xDSL Loop - Zone 1 (Rural)		4SL1X	1
14	KS	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #3 - 4-Wire xDSL Loop - Zone 2 (Suburban)		4SL1X	2
14	KS	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #3 - 4-Wire xDSL Loop - Zone 3 (Urban)		4SL1X	3
13	KS	UNBUNDLED EXCHANGE ACCESS LOOP	IDSL Capable Loop - Zone 1 (Rural)		UY5FX	1
13	KS	UNBUNDLED EXCHANGE ACCESS LOOP	IDSL Capable Loop - Zone 2 (Suburban)		UY5FX	2
13	KS	UNBUNDLED EXCHANGE ACCESS LOOP	IDSL Capable Loop - Zone 3 (Urban)		UY5FX	3
14	KS	LOOP MAKE-UP	Loop Qualification Process - Mechanized		NR98U	
14	KS	LOOP MAKE-UP	Loop Qualification Process - Manual		NRBXU	
14	KS	LOOP MODIFICATION	DSL Conditioning - Removal of Repeaters		NRBXV	
14	KS	LOOP MODIFICATION	DSL Conditioning - Incremental Removal of Repeater (> than 17.5 Kft.same location/same cable)		NRBNL	
14	KS	LOOP MODIFICATION	DSL Conditioning - Incremental Additional Removal of Repeater (> than 17.5 Kft.same location/different cable)		NRBNP	
14	KS	LOOP MODIFICATION	DSL Conditioning - Removal of Excessive Bridged Taps and Repeaters		NRBXH	
14	KS	LOOP MODIFICATION	DSL Conditioning - Incremental Removal of Excessive Bridged Taps and Repeaters (>than 17.5K same location/same cable)		NRBTV	
14	KS	LOOP MODIFICATION	DSL Conditioning - Incremental Additional Removal of Excessive Bridged Taps and Repeaters (>than 17.5K same location/different cable)		NRBTW	
14	KS	LOOP MODIFICATION	DSL Conditioning - Removal of Excessive Bridged Taps		NRBXW	
14	KS	LOOP MODIFICATION	DSL Conditioning - Incremental Removal of Excessive Bridged Tap (> than 17.5 Kft.same location/same cable)		NRBNK	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
14	KS	LOOP MODIFICATION	DSL Conditioning - Incremental Additional Removal of Excessive Bridged Tap (> than 17.5 Kft.same location/different cable)		NRBNN	
14	KS	LOOP MODIFICATION	DSL Conditioning - Removal of Excessive Bridged Taps and Load Coils		NRBXF	
14	KS	LOOP MODIFICATION	DSL Conditioning - Incremental Removal of Load Coil & Excessive Bridge Tap (> than 17.5 Kft.same location/same Cable)		NRBM8	
14	KS	LOOP MODIFICATION	DSL Conditioning - Incremental Additional Removal of Load Coil & Excessive Bridge Tap (> than 17.5 Kft.same location/different Cable)		NRBM9	
14	KS	LOOP MODIFICATION	DSL Conditioning - Removal of Load Coils		NRBXZ	
14	KS	LOOP MODIFICATION	DSL Conditioning - Incremental Removal of Load Coil (> than 17.5 Kft.same location/same Cable)		NRBNJ	
14	KS	LOOP MODIFICATION	DSL Conditioning - Incremental Additional Removal of Load Coil (> than 17.5 Kft.same location/different Cable)		NRBNH	
14	KS	LOOP MODIFICATION	RABT - MMP - Removal of non-excessive bridged tap DSL loops >0Kft. And <17.5Kft.		NRMRJ	
14	KS	LOOP MODIFICATION	RABT - MMP - Removal of All Bridged Tap DSL Loops 12Kft. To 17.5Kft.		NRMRP	
14	KS	LOOP MODIFICATION	RABT - MMP - Removal of non-excessive bridged tap DSL loops >17.5Kft DSL Loops - per element incremental		NRMRS	
14	KS	LOOP MODIFICATION	RABT - MMP - Removal of All Bridged Tap DSL loops >17.5Kft. - per element incremental		NRMRM	
14	KS	UNBUNDLED EXCHANGE ACCESS LOOP	DSL Shielded Loop Cross Connect to Collocation		UXRRX	
14	KS	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire DSL Non-Shielded Cross Connect Loop to Collocation (w/o testing)		UCX92	
14	KS	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire DSL Non-Shielded Cross Connect Loop to Collocation (w/o testing)		UCX94	
14	KS	LOOP MODIFICATION	LST performed on CODSLAM Loop		URCLD	
14	KS	LOOP MODIFICATION	Simple LST in the Feeder Cable			
14	KS	LOOP MODIFICATION	Simple LST in the Distribution Cable			
14	KS	LOOP MODIFICATION	Complex LST in the Feeder Cable			
14	KS	LOOP MODIFICATION	Complex LST in the Distribution Cable			
13MR-SL	KS	SUB-LOOPS	LST performed on Sub Loop		URCLB	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13MR-SL	KS	SUB-LOOPS	ECS to SAI subloop charge 2-Wire Analog Zone 1 (Rural)		U6LAP	1
13MR-SL	KS	SUB-LOOPS	ECS to SAI subloop charge 2-Wire Analog Zone 2 (Suburban)		U6LAP	2
13MR-SL	KS	SUB-LOOPS	ECS to SAI subloop charge 2-Wire Analog Zone 3 (Urban)		U6LAP	3
13MR-SL	KS	SUB-LOOPS	ECS to Terminal subloop charge 2-Wire Analog Zone 1 (Rural)		U6LAQ	1
13MR-SL	KS	SUB-LOOPS	ECS to Terminal subloop charge 2-Wire Analog Zone 2 (Suburban)		U6LAQ	2
13MR-SL	KS	SUB-LOOPS	ECS to Terminal subloop charge 2-Wire Analog Zone 3 (Urban)		U6LAQ	3
13MR-SL	KS	SUB-LOOPS	ECS to NID subloop charge 2-Wire Analog Zone 1 (Rural)		U6LAR	1
13MR-SL	KS	SUB-LOOPS	ECS to NID subloop charge 2-Wire Analog Zone 2 (Suburban)		U6LAR	2
13MR-SL	KS	SUB-LOOPS	ECS to NID subloop charge 2-Wire-Analog Zone 3 (Urban)		U6LAR	3
13MR-SL	KS	SUB-LOOPS	SAI to Terminal subloop charge 2-Wire Analog Zone 1 (Rural)		U6LAS	1
13MR-SL	KS	SUB-LOOPS	SAI to Terminal subloop charge 2-Wire Analog Zone 2 (Suburban)		U6LAS	2
13MR-SL	KS	SUB-LOOPS	SAI to Terminal subloop charge 2-Wire Analog Zone 3 (Urban)		U6LAS	3
13MR-SL	KS	SUB-LOOPS	SAI to NID subloop charge 2-Wire Analog Zone 1 (Rural)		U6LAT	1
13MR-SL	KS	SUB-LOOPS	SAI to NID subloop charge 2-Wire Analog Zone 2 (Suburban)		U6LAT	2
13MR-SL	KS	SUB-LOOPS	SAI to NID subloop charge 2-Wire Analog Zone 3 (Urban)		U6LAT	3
13MR-SL	KS	SUB-LOOPS	Terminal to NID subloop charge 2-Wire Analog Zone 1 (Rural)		U6LAU	1
13MR-SL	KS	SUB-LOOPS	Terminal to NID subloop charge 2-Wire Analog Zone 2 (Suburban)		U6LAU	2
13MR-SL	KS	SUB-LOOPS	Terminal to NID subloop charge 2-Wire Analog Zone 3 (Urban)		U6LAU	3

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13MR-SL	KS	SUB-LOOPS	ECS to SAI subloop charge 4-Wire Analog Zone 1 (Rural)		U6LEP	1
13MR-SL	KS	SUB-LOOPS	ECS to SAI subloop charge 4-Wire Analog Zone 2 (Suburban)		U6LEP	2
13MR-SL	KS	SUB-LOOPS	ECS to SAI subloop charge 4-Wire Analog Zone 3 (Urban)		U6LEP	3
13MR-SL	KS	SUB-LOOPS	ECS to Terminal subloop charge 4-Wire Analog Zone 1 (Rural)		U6LEQ	1
13MR-SL	KS	SUB-LOOPS	ECS to Terminal subloop charge 4-Wire Analog Zone 2 (Suburban)		U6LEQ	2
13MR-SL	KS	SUB-LOOPS	ECS to Terminal subloop charge 4-Wire Analog Zone 3 (Urban)		U6LEQ	3
13MR-SL	KS	SUB-LOOPS	ECS to NID subloop charge 4-Wire Analog Zone 1 (Rural)		U6LER	1
13MR-SL	KS	SUB-LOOPS	ECS to NID subloop charge 4-Wire Analog Zone 2 (Suburban)		U6LER	2
13MR-SL	KS	SUB-LOOPS	ECS to NID subloop charge 4-Wire-Analog Zone 3 (Urban)		U6LER	3
13MR-SL	KS	SUB-LOOPS	SAI to Terminal subloop charge 4-Wire Analog Zone 1 (Rural)		U6LES	1
13MR-SL	KS	SUB-LOOPS	SAI to Terminal subloop charge 4-Wire Analog Zone 2 (Suburban)		U6LES	2
13MR-SL	KS	SUB-LOOPS	SAI to Terminal subloop charge 4-Wire Analog Zone 3 (Urban)		U6LES	3
13MR-SL	KS	SUB-LOOPS	SAI to NID subloop charge 4-Wire Analog Zone 1 (Rural)		U6LET	1
13MR-SL	KS	SUB-LOOPS	SAI to NID subloop charge 4-Wire Analog Zone 2 (Suburban)		U6LET	2
13MR-SL	KS	SUB-LOOPS	SAI to NID subloop charge 4-Wire Analog Zone 3 (Urban)		U6LET	3
13MR-SL	KS	SUB-LOOPS	Terminal to NID subloop charge 4-Wire Analog Zone 1 (Rural)		U6LEU	1
13MR-SL	KS	SUB-LOOPS	Terminal to NID subloop charge 4-Wire Analog Zone 2 (Suburban)		U6LEU	2
13MR-SL	KS	SUB-LOOPS	Terminal to NID subloop charge 4-Wire Analog Zone 3 (Urban)		U6LEU	3
13MR-SL	KS	SUB-LOOPS	ECS to SAI subloop charge 2-Wire DSL Zone 1 (Rural)		U6LCP	1

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13MR-SL	KS	SUB-LOOPS	ECS to SAI subloop charge 2-Wire DSL Zone 2 (Suburban)		U6LCP	2
13MR-SL	KS	SUB-LOOPS	ECS to SAI subloop charge 2-Wire DSL Zone 3 (Urban)		U6LCP	3
13MR-SL	KS	SUB-LOOPS	ECS to Terminal subloop charge 2-Wire DSL Zone 1 (Rural)		U6LCQ	1
13MR-SL	KS	SUB-LOOPS	ECS to Terminal subloop charge 2-Wire DSL Zone 2 (Suburban)		U6LCQ	2
13MR-SL	KS	SUB-LOOPS	ECS to Terminal subloop charge 2-Wire DSL Zone 3 (Urban)		U6LCQ	3
13MR-SL	KS	SUB-LOOPS	ECS to NID subloop charge 2-Wire DSL Zone 1 (Rural)		U6LCR	1
13MR-SL	KS	SUB-LOOPS	ECS to NID subloop charge 2-Wire DSL Zone 2 (Suburban)		U6LCR	2
13MR-SL	KS	SUB-LOOPS	ECS to NID subloop charge 2-Wire DSL Zone 3 (Urban)		U6LCR	3
13MR-SL	KS	SUB-LOOPS	SAI to Terminal subloop charge 2-Wire DSL Zone 1 (Rural)		U6LCS	1
13MR-SL	KS	SUB-LOOPS	SAI to Terminal subloop charge 2-Wire DSL Zone 2 (Suburban)		U6LCS	2
13MR-SL	KS	SUB-LOOPS	SAI to Terminal subloop charge 2-Wire DSL Zone 3 (Urban)		U6LCS	3
13MR-SL	KS	SUB-LOOPS	SAI to NID subloop charge 2-Wire DSL Zone 1 (Rural)		U6LCT	1
13MR-SL	KS	SUB-LOOPS	SAI to NID subloop charge 2-Wire DSL Zone 2 (Suburban)		U6LCT	2
13MR-SL	KS	SUB-LOOPS	SAI to NID subloop charge 2-Wire DSL Zone 3 (Urban)		U6LCT	3
13MR-SL	KS	SUB-LOOPS	Terminal to NID subloop charge 2-Wire DSL Zone 1 (Rural)		U6LCU	1
13MR-SL	KS	SUB-LOOPS	Terminal to NID subloop charge 2-Wire DSL Zone 2 (Suburban)		U6LCU	2
13MR-SL	KS	SUB-LOOPS	Terminal to NID subloop charge 2-Wire DSL Zone 3 (Urban)		U6LCU	3
13MR-SL	KS	SUB-LOOPS	ECS to SAI subloop charge 4-Wire DSL Zone 1 (Rural)		U6LGP	1
13MR-SL	KS	SUB-LOOPS	ECS to SAI subloop charge 4-Wire DSL Zone 2 (Suburban)		U6LGP	2
13MR-SL	KS	SUB-LOOPS	ECS to SAI subloop charge 4-Wire DSL Zone 3 (Urban)		U6LGP	3

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13MR-SL	KS	SUB-LOOPS	ECS to Terminal subloop charge 4-Wire DSL Zone 1 (Rural)		U6LGQ	1
13MR-SL	KS	SUB-LOOPS	ECS to Terminal subloop charge 4-Wire DSL Zone 2 (Suburban)		U6LGQ	2
13MR-SL	KS	SUB-LOOPS	ECS to Terminal subloop charge 4-Wire DSL Zone 3 (Urban)		U6LGQ	3
13MR-SL	KS	SUB-LOOPS	ECS to NID subloop charge 4-Wire DSL Zone 1 (Rural)		U6LGR	1
13MR-SL	KS	SUB-LOOPS	ECS to NID subloop charge 4-Wire DSL Zone 2 (Suburban)		U6LGR	2
13MR-SL	KS	SUB-LOOPS	ECS to NID subloop charge 4-Wire DSL Zone 3 (Urban)		U6LGR	3
13MR-SL	KS	SUB-LOOPS	SAI to Terminal subloop charge 4-Wire DSL Zone 1 (Rural)		U6LGS	1
13MR-SL	KS	SUB-LOOPS	SAI to Terminal subloop charge 4-Wire DSL Zone 2 (Suburban)		U6LGS	2
13MR-SL	KS	SUB-LOOPS	SAI to Terminal subloop charge 4-Wire DSL Zone 3 (Urban)		U6LGS	3
13MR-SL	KS	SUB-LOOPS	SAI to NID subloop charge 4-Wire DSL Zone 1 (Rural)		U6LGT	1
13MR-SL	KS	SUB-LOOPS	SAI to NID subloop charge 4-Wire DSL Zone 2 (Suburban)		U6LGT	2
13MR-SL	KS	SUB-LOOPS	SAI to NID subloop charge 4-Wire DSL Zone 3 (Urban)		U6LGT	3
13MR-SL	KS	SUB-LOOPS	Terminal to NID subloop charge 4-Wire DSL Zone 1 (Rural)		U6LGU	1
13MR-SL	KS	SUB-LOOPS	Terminal to NID subloop charge 4-Wire DSL Zone 2 (Suburban)		U6LGU	2
13MR-SL	KS	SUB-LOOPS	Terminal to NID subloop charge 4-Wire DSL Zone 3 (Urban)		U6LGU	3
13MR-SL	KS	SUB-LOOPS	Subloop Cross Connect 2-Wire Analog Non-Central Office Originating		UKCV2	
13MR-SL	KS	SUB-LOOPS	Subloop Cross Connect 4-Wire Analog Non-Central Office Originating		UKCV4	
13MR-SL	KS	SUB-LOOPS	Subloop Cross Connect 2-Wire DSL Non-Central Office Originating		UKCZ2	
13MR-SL	KS	SUB-LOOPS	Subloop Cross Connect 4-Wire DSL Non-Central Office Originating		UKCZ4	
13	KS	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, First Mile - Zone 1 (Rural)		ULNHS	1

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	KS	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, First Mile - Zone 2 (Suburban)		ULNHS	2
13	KS	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, First Mile - Zone 3 (Urban)		ULNHS	3
13	KS	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, First Mile - Interzone		ULNHS	I
13	KS	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile - Zone 1 (Rural)		ULNHS	1
13	KS	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile - Zone 2 (Suburban)		ULNHS	2
13	KS	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile - Zone 3 (Urban)		ULNHS	3
13	KS	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile - Interzone		ULNHS	I
13	KS	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, First Mile - Zone 1 (Rural)		ULNJS	1
13	KS	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, First Mile - Zone 2 (Suburban)		ULNJS	2
13	KS	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, First Mile - Zone 3 (Urban)		ULNJS	3
13	KS	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, First Mile - Interzone		ULNJS	I
13	KS	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile - Zone 1 (Rural)		ULNJS	1
13	KS	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile - Zone 2 (Suburban)		ULNJS	2
13	KS	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile - Zone 3 (Urban)		ULNJS	3
13	KS	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile - Interzone		ULNJS	I
13	KS	UNBUNDLED DEDICATED TRANSPORT	DS1 Cross Connect to Collocation		UCXHX	
13	KS	UNBUNDLED DEDICATED TRANSPORT	DS3 Cross Connect to Collocation		UCXJX	
13	KS	UNBUNDLED DEDICATED TRANSPORT	DS1 to VG - Multiplexing		UM4BX	
13	KS	UNBUNDLED DEDICATED TRANSPORT	DS3 to DS1 - Multiplexing		UM4AX	
13	KS	UNBUNDLED DEDICATED TRANSPORT	Dark Fiber -Interoffice per strand		ULYCX	
13	KS	UNBUNDLED DEDICATED TRANSPORT	Dark Fiber - Interoffice per foot Zone 1 (Rural)		ULNCF	1
13	KS	UNBUNDLED DEDICATED TRANSPORT	Dark Fiber - Interoffice per foot Zone 2 (Suburban)		ULNCF	2
13	KS	UNBUNDLED DEDICATED TRANSPORT	Dark Fiber - Interoffice per foot Zone 3 (Urban)		ULNCF	3
13	KS	UNBUNDLED DEDICATED TRANSPORT	Dark Fiber Cross Connect - Interoffice		UKCJX	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	KS	UNBUNDLED DEDICATED TRANSPORT	Dark Fiber - Interoffice Inquiry		NR9D6	
13	KS	UNBUNDLED DEDICATED TRANSPORT	2-wire Analog Loop Cross Connect to POA - Method 1		UXRA1	1
13	KS	UNBUNDLED DEDICATED TRANSPORT	2-wire Analog Loop Cross Connect to POA - Method 2		UXRA2	2
13	KS	UNBUNDLED DEDICATED TRANSPORT	2-wire Analog Loop Cross Connect to POA - Method 3		UXRA3	3
13	KS	UNBUNDLED EXCHANGE ACCESS LOOP	Routine Modifications of Existing Facilities Charge		N3RUE	
7	KS	OPERATIONS SUPPORT SYSTEMS (OSS)	Manual New - Simple		NRBUQ	
7	KS	OPERATIONS SUPPORT SYSTEMS (OSS)	Manual Change - Simple		NRBUO	
7	KS	OPERATIONS SUPPORT SYSTEMS (OSS)	Manual Record - Simple		NRBUU	
7	KS	OPERATIONS SUPPORT SYSTEMS (OSS)	Manual Disconnect - Simple		NRBUW	
7	KS	OPERATIONS SUPPORT SYSTEMS (OSS)	Manual Expedited - Simple		NRMV1	
7	KS	OPERATIONS SUPPORT SYSTEMS (OSS)	Manual Customer Not Ready - Simple		NRMV5	
7	KS	OPERATIONS SUPPORT SYSTEMS (OSS)	Manual Due Date Change or Cancellation - Simple		NRMV3	
7	KS	OPERATIONS SUPPORT SYSTEMS (OSS)	Electronic New - Simple		NR9W2	
7	KS	OPERATIONS SUPPORT SYSTEMS (OSS)	Electronic Change - Simple		NR9GG	
7	KS	OPERATIONS SUPPORT SYSTEMS (OSS)	Electronic Record - Simple		NR9GU	
7	KS	OPERATIONS SUPPORT SYSTEMS (OSS)	Electronic Disconnect - Simple		NR9GZ	
7	KS	OPERATIONS SUPPORT SYSTEMS (OSS)	Electronic Expedited - Simple		NRMV7	
7	KS	OPERATIONS SUPPORT SYSTEMS (OSS)	Electronic Customer Not Ready - Simple		NRMV9	
7	KS	OPERATIONS SUPPORT SYSTEMS (OSS)	Electronic Due Date Change or Cancellation Simple -		NRMV8	
7	KS	OPERATIONS SUPPORT SYSTEMS (OSS)	PIC Change Charge		NRBL9	
13	KS	UNBUNDLED EXCHANGE ACCESS LOOP	Service Order Charge - Manual New - Complex		NRBUR	
13	KS	UNBUNDLED EXCHANGE ACCESS LOOP	Service Order Charge - Manual Change - Complex		NRBUP	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	KS	UNBUNDLED EXCHANGE ACCESS LOOP	Service Order Charge - Manual Record - Complex		NRBUV	
13	KS	UNBUNDLED EXCHANGE ACCESS LOOP	Service Order Charge - Manual Disconnect - Complex		NRBUX	
13	KS	UNBUNDLED EXCHANGE ACCESS LOOP	Service Order Charge - Manual Expedited - Complex		NRMV2	
13	KS	UNBUNDLED EXCHANGE ACCESS LOOP	Service Order Charge - Manual Customer Not Ready - Complex		NRMV6	
13	KS	UNBUNDLED EXCHANGE ACCESS LOOP	Service Order Charge - Manual Due Date Change or Cancellation - Complex		NRMV4	
13	KS	UNBUNDLED EXCHANGE ACCESS LOOP	Service Order Charge - Electronic New - Complex		NRBGX	
13	KS	UNBUNDLED EXCHANGE ACCESS LOOP	Service Order Charge - Electronic Change - Complex		NR9G8	
13	KS	UNBUNDLED EXCHANGE ACCESS LOOP	Service Order Charge - Electronic Record - Complex		NR9G7	
13	KS	UNBUNDLED EXCHANGE ACCESS LOOP	Service Order Charge - Electronic Disconnect - Complex		NR9G9	
13	KS	UNBUNDLED EXCHANGE ACCESS LOOP	Service Order Charge - Electronic Expedited - Complex		NRMVX	
13	KS	UNBUNDLED EXCHANGE ACCESS LOOP	Service Order Charge - Electronic Customer Not Ready - Complex		NRMVY	
13	KS	UNBUNDLED EXCHANGE ACCESS LOOP	Service Order Charge - Electronic Due Date Change or Cancellation Complex		NRMVZ	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	KY	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1-Zone 1	UEANL	UEAL2	1
13	KY	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1-Zone 1 [DISCONNECT]	UEANL	UEAL2	1
13	KY	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1-Zone 2	UEANL	UEAL2	2
13	KY	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1-Zone 2 [DISCONNECT]	UEANL	UEAL2	2
13	KY	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1-Zone 3	UEANL	UEAL2	3
13	KY	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1-Zone 3 [DISCONNECT]	UEANL	UEAL2	3
13	KY	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1-Zone 1	UEANL	UEASL	1
13	KY	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1-Zone 1 [DISCONNECT]	UEANL	UEASL	1
13	KY	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1-Zone 2	UEANL	UEASL	2
13	KY	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1-Zone 2 [DISCONNECT]	UEANL	UEASL	2
13	KY	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1-Zone 3	UEANL	UEASL	3
13	KY	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1-Zone 3 [DISCONNECT]	UEANL	UEASL	3
13	KY	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Manual Order Coordination for UVL-SL1s (per loop)	UEANL	UEAMC	
13	KY	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Order Coordination for Specified Conversion Time for UVL-SL1 (per LSR)	UEANL	OCOSL	
13	KY	UNBUNDLED EXCHANGE ACCESS LOOP	Bulk Migration, per 2 Wire Voice Loop-SL1	UEANL	UREPN	
13	KY	UNBUNDLED EXCHANGE ACCESS LOOP	Bulk Migration, per 2 Wire Voice Loop-SL1 [DISCONNECT]	UEANL	UREPN	
13	KY	UNBUNDLED EXCHANGE ACCESS LOOP	Bulk Migration Order Coordination, per 2 Wire Voice Loop-SL1	UEANL	UREPM	
14	KY	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Unbundled Copper Loop - Non-Designed Zone 1	UEQ	UEQ2X	1
14	KY	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Unbundled Copper Loop - Non-Designed Zone 1 [DISCONNECT]	UEQ	UEQ2X	1

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
14	KY	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop - Non-Designed - Zone 2	UEQ	UEQ2X	2
14	KY	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop - Non-Designed - Zone 2 [DISCONNECT]	UEQ	UEQ2X	2
14	KY	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop - Non-Designed - Zone 3	UEQ	UEQ2X	3
14	KY	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop - Non-Designed - Zone 3 [DISCONNECT]	UEQ	UEQ2X	3
14R-CU	KY	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop - Tag Loop at End User Premise	UEQ	URETL	
14R-CU	KY	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop - Loop Testing - Basic 1st Half Hour	UEQ	URET1	
14R-CU	KY	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop - Loop Testing - Basic Additional Half Hour	UEQ	URETA	
15	KY	UNBUNDLED EXCHANGE ACCESS LOOP	Manual Order Coordination 2 Wire Unbundled Copper Loop - Non-Designed (per loop)	UEQ	USBMC	
15	KY	UNBUNDLED EXCHANGE ACCESS LOOP	Bulk Migration, per 2 Wire UCL-ND	UEQ	UREPN	
15	KY	UNBUNDLED EXCHANGE ACCESS LOOP	Bulk Migration, per 2 Wire UCL-ND [DISCONNECT]	UEQ	UREPN	
15	KY	UNBUNDLED EXCHANGE ACCESS LOOP	Bulk Migration Order Coordination, per 2 Wire UCL-ND	UEQ	UREPM	
13	KY	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Single LSR, (per DS0)	UEA	URES�	
13	KY	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Spreadsheet, (per DS0)	UEA	URESP	
15	KY	UNBUNDLED EXCHANGE ACCESS LOOP	Bulk Migration, per 2 Wire Voice Loop-SL2	UEA	UREPN	
15	KY	UNBUNDLED EXCHANGE ACCESS LOOP	Bulk Migration Order Coordination, per 2 Wire Voice Loop-SL2	UEA	UREPM	
13	KY	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Voice Grade Loop - Zone 1	UEA	UEAL4	1
13	KY	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Voice Grade Loop - Zone 1 [DISCONNECT]	UEA	UEAL4	1
13	KY	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Voice Grade Loop - Zone 2	UEA	UEAL4	2
13	KY	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Voice Grade Loop - Zone 2 [DISCONNECT]	UEA	UEAL4	2
13	KY	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Voice Grade Loop - Zone 3	UEA	UEAL4	3
13	KY	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Voice Grade Loop - Zone 3 [DISCONNECT]	UEA	UEAL4	3

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	KY	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Single LSR, (per DS0)	UEA	URES	
13	KY	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Spreadsheet, (per DS0)	UEA	URESP	
13	KY	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire ISDN Digital Grade Loop - Zone 1	UDN	U1L2X	1
13	KY	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire ISDN Digital Grade Loop - Zone 1 [DISCONNECT]	UDN	U1L2X	1
13	KY	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire ISDN Digital Grade Loop - Zone 2	UDN	U1L2X	2
13	KY	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire ISDN Digital Grade Loop - Zone 2 [DISCONNECT]	UDN	U1L2X	2
13	KY	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire ISDN Digital Grade Loop - Zone 3	UDN	U1L2X	3
13	KY	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire ISDN Digital Grade Loop - Zone 3 [DISCONNECT]	UDN	U1L2X	3
14	KY	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled ADSL Loop including manual service inquiry & facility reservation - Zone 1	UAL	UAL2X	1
14	KY	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled ADSL Loop including manual service inquiry & facility reservation - Zone 1 [DISCONNECT]	UAL	UAL2X	1
14	KY	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled ADSL Loop including manual service inquiry & facility reservation - Zone 2	UAL	UAL2X	2
14	KY	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled ADSL Loop including manual service inquiry & facility reservation - Zone 2 [DISCONNECT]	UAL	UAL2X	2
14	KY	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled ADSL Loop including manual service inquiry & facility reservation - Zone 3	UAL	UAL2X	3
14	KY	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled ADSL Loop including manual service inquiry & facility reservation - Zone 3 [DISCONNECT]	UAL	UAL2X	3
14	KY	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled ADSL Loop without manual service inquiry & facility reservaton - Zone 1	UAL	UAL2W	1
14	KY	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled ADSL Loop without manual service inquiry & facility reservaton - Zone 1 [DISCONNECT]	UAL	UAL2W	1
14	KY	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled ADSL Loop without manual service inquiry & facility reservaton - Zone 2	UAL	UAL2W	2
14	KY	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled ADSL Loop without manual service inquiry & facility reservaton - Zone 2 [DISCONNECT]	UAL	UAL2W	2
14	KY	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled ADSL Loop without manual service inquiry & facility reservaton - Zone 3	UAL	UAL2W	3

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
14	KY	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled ADSL Loop without manual service inquiry & facility reservaton - Zone 3 [DISCONNECT]	UAL	UAL2W	3
14	KY	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled HDSL Loop including manual service inquiry & facility reservation - Zone 1	UHL	UHL2X	1
14	KY	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled HDSL Loop including manual service inquiry & facility reservation - Zone 1 [DISCONNECT]	UHL	UHL2X	1
14	KY	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled HDSL Loop including manual service inquiry & facility reservation - Zone 2	UHL	UHL2X	2
14	KY	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled HDSL Loop including manual service inquiry & facility reservation - Zone 2 [DISCONNECT]	UHL	UHL2X	2
14	KY	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled HDSL Loop including manual service inquiry & facility reservation - Zone 3	UHL	UHL2X	3
14	KY	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled HDSL Loop including manual service inquiry & facility reservation - Zone 3 [DISCONNECT]	UHL	UHL2X	3
14	KY	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled HDSL Loop without manual service inquiry and facility reservation - Zone 1	UHL	UHL2W	1
14	KY	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled HDSL Loop without manual service inquiry and facility reservation - Zone 1 [DISCONNECT]	UHL	UHL2W	1
14	KY	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled HDSL Loop without manual service inquiry and facility reservation - Zone 2	UHL	UHL2W	2
14	KY	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled HDSL Loop without manual service inquiry and facility reservation - Zone 2 [DISCONNECT]	UHL	UHL2W	2
14	KY	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled HDSL Loop without manual service inquiry and facility reservation - Zone 3	UHL	UHL2W	3
14	KY	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled HDSL Loop without manual service inquiry and facility reservation - Zone 3 [DISCONNECT]	UHL	UHL2W	3
14	KY	UNBUNDLED EXCHANGE ACCESS LOOP	4 Wire Unbundled HDSL Loop including manual service inquiry and facility reservation - Zone 1	UHL	UHL4X	1
14	KY	UNBUNDLED EXCHANGE ACCESS LOOP	4 Wire Unbundled HDSL Loop including manual service inquiry and facility reservation - Zone 1 [DISCONNECT]	UHL	UHL4X	1
14	KY	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Unbundled HDSL Loop including manual service inquiry and facility reservation - Zone 2	UHL	UHL4X	2
14	KY	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Unbundled HDSL Loop including manual service inquiry and facility reservation - Zone 2 [DISCONNECT]	UHL	UHL4X	2
14	KY	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Unbundled HDSL Loop including manual service inquiry and facility reservation - Zone 3	UHL	UHL4X	3

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
14	KY	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Unbundled HDSL Loop including manual service inquiry and facility reservation - Zone 3 [DISCONNECT]	UHL	UHL4X	3
14	KY	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Unbundled HDSL Loop without manual service inquiry and facility reservation - Zone 1	UHL	UHL4W	1
14	KY	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Unbundled HDSL Loop without manual service inquiry and facility reservation - Zone 1 [DISCONNECT]	UHL	UHL4W	1
14	KY	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Unbundled HDSL Loop without manual service inquiry and facility reservation - Zone 2	UHL	UHL4W	2
14	KY	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Unbundled HDSL Loop without manual service inquiry and facility reservation - Zone 2 [DISCONNECT]	UHL	UHL4W	2
14	KY	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Unbundled HDSL Loop without manual service inquiry and facility reservation - Zone 3	UHL	UHL4W	3
14	KY	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Unbundled HDSL Loop without manual service inquiry and facility reservation - Zone 3 [DISCONNECT]	UHL	UHL4W	3
13	KY	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire DS1 Digital Loop - Zone 1	USL	USLXX	1
13	KY	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire DS1 Digital Loop - Zone 1 [DISCONNECT]	USL	USLXX	1
13	KY	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire DS1 Digital Loop - Zone 2	USL	USLXX	2
13	KY	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire DS1 Digital Loop - Zone 2 [DISCONNECT]	USL	USLXX	2
13	KY	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire DS1 Digital Loop - Zone 3	USL	USLXX	3
13	KY	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire DS1 Digital Loop - Zone 3 [DISCONNECT]	USL	USLXX	3
13	KY	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire DS1 Digital Loop - Switch-As-Is Conversion rate per UNE Loop, Single LSR, (per DS1)	USL	URES	
13	KY	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire DS1 Digital Loop - Switch-As-Is Conversion rate per UNE Loop, Spreadsheet, (per DS1)	USL	URESP	
14	KY	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Unbundled Copper Loop-Designed including manual service inquiry & facility reservation - Zone 1	UCL	UCLPB	1
14	KY	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Unbundled Copper Loop-Designed including manual service inquiry & facility reservation - Zone 1 [DISCONNECT]	UCL	UCLPB	1
14	KY	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Unbundled Copper Loop-Designed including manual service inquiry & facility reservation - Zone 2	UCL	UCLPB	2
14	KY	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Unbundled Copper Loop-Designed including manual service inquiry & facility reservation - Zone 2 [DISCONNECT]	UCL	UCLPB	2
14	KY	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop-Designed including manual service inquiry & facility reservation - Zone 3	UCL	UCLPB	3

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
14	KY	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop-Designed including manual service inquiry & facility reservation - Zone 3 [DISCONNECT]	UCL	UCLPB	3
14	KY	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Unbundled Copper Loop-Designed without manual service inquiry and facility reservation - Zone 1	UCL	UCLPW	1
14	KY	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Unbundled Copper Loop-Designed without manual service inquiry and facility reservation - Zone 1 [DISCONNECT]	UCL	UCLPW	1
14	KY	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Unbundled Copper Loop-Designed without manual service inquiry and facility reservation - Zone 2	UCL	UCLPW	2
14	KY	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Unbundled Copper Loop-Designed without manual service inquiry and facility reservation - Zone 2 [DISCONNECT]	UCL	UCLPW	2
14	KY	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Unbundled Copper Loop-Designed without manual service inquiry and facility reservation - Zone 3	UCL	UCLPW	3
14	KY	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Unbundled Copper Loop-Designed without manual service inquiry and facility reservation - Zone 3 [DISCONNECT]	UCL	UCLPW	3
15	KY	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Unbundled Copper Loop - Order Coordination for Unbundled Copper Loops (per loop)	UCL	UCLMC	
14	KY	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Copper Loop-Designed including manual service inquiry and facility reservation - Zone 1	UCL	UCL4S	1
14	KY	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Copper Loop-Designed including manual service inquiry and facility reservation - Zone 1 [DISCONNECT]	UCL	UCL4S	1
14	KY	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Copper Loop-Designed including manual service inquiry and facility reservation - Zone 2	UCL	UCL4S	2
14	KY	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Copper Loop-Designed including manual service inquiry and facility reservation - Zone 2 [DISCONNECT]	UCL	UCL4S	2
14	KY	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Copper Loop-Designed including manual service inquiry and facility reservation - Zone 3	UCL	UCL4S	3
14	KY	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Copper Loop-Designed including manual service inquiry and facility reservation - Zone 3 [DISCONNECT]	UCL	UCL4S	3
14	KY	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Copper Loop-Designed without manual service inquiry and facility reservation - Zone 1	UCL	UCL4W	1
14	KY	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Copper Loop-Designed without manual service inquiry and facility reservation - Zone 1 [DISCONNECT]	UCL	UCL4W	1

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
14	KY	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Copper Loop-Designed without manual service inquiry and facility reservation - Zone 2	UCL	UCL4W	2
14	KY	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Copper Loop-Designed without manual service inquiry and facility reservation - Zone 2 [DISCONNECT]	UCL	UCL4W	2
14	KY	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Copper Loop-Designed without manual service inquiry and facility reservation - Zone 3	UCL	UCL4W	3
14	KY	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Copper Loop-Designed without manual service inquiry and facility reservation - Zone 3 [DISCONNECT]	UCL	UCL4W	3
15	KY	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Copper Loop-Order Coordination for Unbundled Copper Loops (per loop)	UCL	UCLMC	
15	KY	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Copper Loop - Order Coordination for Specified Conversion Time (per LSR)	UEA, UDN, UAL, UHL, UDL, USL	OCOSL	
13	KY	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Loop or Ground Start Signaling - Zone 1	NTCVG	UEAL2	1
13	KY	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Loop or Ground Start Signaling - Zone 1 [DISCONNECT]	NTCVG	UEAL2	1
13	KY	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Loop or Ground Start Signaling - Zone 2	NTCVG	UEAL2	2
13	KY	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Loop or Ground Start Signaling - Zone 2 [DISCONNECT]	NTCVG	UEAL2	2
13	KY	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Loop or Ground Start Signaling - Zone 3	NTCVG	UEAL2	3
13	KY	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Loop or Ground Start Signaling - Zone 3 [DISCONNECT]	NTCVG	UEAL2	3
13	KY	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Reverse Battery Signaling - Zone 1	NTCVG	UEAR2	1
13	KY	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Reverse Battery Signaling - Zone 1 [DISCONNECT]	NTCVG	UEAR2	1
13	KY	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Reverse Battery Signaling - Zone 2	NTCVG	UEAR2	2
13	KY	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Reverse Battery Signaling - Zone 2 [DISCONNECT]	NTCVG	UEAR2	2
13	KY	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Reverse Battery Signaling - Zone 3	NTCVG	UEAR2	3

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	KY	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Reverse Battery Signaling - Zone 3 [DISCONNECT]	NTCVG	UEAR2	3
13	KY	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Single LSR, (per DS0)	NTCVG	URES	
13	KY	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Spreadsheet, (per DS0)	NTCVG	URESP	
13	KY	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Loop Tagging - Service Level 2 (SL2)	NTCVG	URETL	
13	KY	UNE LOOP COMMINGLING	4-Wire Analog Voice Grade Loop - Zone 1	NTCVG	UEAL4	1
13	KY	UNE LOOP COMMINGLING	4-Wire Analog Voice Grade Loop - Zone 1 [DISCONNECT]	NTCVG	UEAL4	1
13	KY	UNE LOOP COMMINGLING	4-Wire Analog Voice Grade Loop - Zone 2	NTCVG	UEAL4	2
13	KY	UNE LOOP COMMINGLING	4-Wire Analog Voice Grade Loop - Zone 2 [DISCONNECT]	NTCVG	UEAL4	2
13	KY	UNE LOOP COMMINGLING	4-Wire Analog Voice Grade Loop - Zone 3	NTCVG	UEAL4	3
13	KY	UNE LOOP COMMINGLING	4-Wire Analog Voice Grade Loop - Zone 3 [DISCONNECT]	NTCVG	UEAL4	3
13	KY	UNE LOOP COMMINGLING	4-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Single LSR, (per DS0)	NTCVG	URES	
13	KY	UNE LOOP COMMINGLING	4-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Spreadsheet, (per DS0)	NTCVG	URESP	
13	KY	UNE LOOP COMMINGLING	4-Wire DS1 Digital Loop - Zone 1	NTCD1	USLXX	1
13	KY	UNE LOOP COMMINGLING	4-Wire DS1 Digital Loop - Zone 1 [DISCONNECT]	NTCD1	USLXX	1
13	KY	UNE LOOP COMMINGLING	4-Wire DS1 Digital Loop - Zone 2	NTCD1	USLXX	2
13	KY	UNE LOOP COMMINGLING	4-Wire DS1 Digital Loop - Zone 2 [DISCONNECT]	NTCD1	USLXX	2
13	KY	UNE LOOP COMMINGLING	4-Wire DS1 Digital Loop - Zone 3	NTCD1	USLXX	3
13	KY	UNE LOOP COMMINGLING	4-Wire DS1 Digital Loop - Zone 3 [DISCONNECT]	NTCD1	USLXX	3
13	KY	UNE LOOP COMMINGLING	4-Wire DS1 Digital Loop -Switch-As-Is Conversion rate per UNE Loop, Single LSR, (per DS1)	NTCD1	URES	
13	KY	UNE LOOP COMMINGLING	4-Wire DS1 Digital Loop -Switch-As-Is Conversion rate per UNE Loop, Spreadsheet, (per DS1)	NTCD1	URESP	
13	KY	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 2.4 Kbps - Zone 1	NTCUD	UDL2X	1
13	KY	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 2.4 Kbps - Zone 1 [DISCONNECT]	NTCUD	UDL2X	1
13	KY	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 2.4 Kbps - Zone 2	NTCUD	UDL2X	2

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	KY	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 2.4 Kbps - Zone 2 [DISCONNECT]	NTCUD	UDL2X	2
13	KY	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 2.4 Kbps - Zone 3	NTCUD	UDL2X	3
13	KY	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 2.4 Kbps - Zone 3 [DISCONNECT]	NTCUD	UDL2X	3
13	KY	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 4.8 Kbps - Zone 1	NTCUD	UDL4X	1
13	KY	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 4.8 Kbps - Zone 1 [DISCONNECT]	NTCUD	UDL4X	1
13	KY	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 4.8 Kbps - Zone 2	NTCUD	UDL4X	2
13	KY	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 4.8 Kbps - Zone 2 [DISCONNECT]	NTCUD	UDL4X	2
13	KY	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 4.8 Kbps - Zone 3	NTCUD	UDL4X	3
13	KY	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 4.8 Kbps - Zone 3 [DISCONNECT]	NTCUD	UDL4X	3
13	KY	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 9.6 Kbps - Zone 1	NTCUD	UDL9X	1
13	KY	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 9.6 Kbps - Zone 1 [DISCONNECT]	NTCUD	UDL9X	1
13	KY	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 9.6 Kbps - Zone 2	NTCUD	UDL9X	2
13	KY	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 9.6 Kbps - Zone 2 [DISCONNECT]	NTCUD	UDL9X	2
13	KY	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 9.6 Kbps - Zone 3	NTCUD	UDL9X	3
13	KY	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 9.6 Kbps - Zone 3 [DISCONNECT]	NTCUD	UDL9X	3
13	KY	UNE LOOP COMMINGLING	4 Wire Unbundled Digital 19.2 Kbps - Zone 1	NTCUD	UDL19	1
13	KY	UNE LOOP COMMINGLING	4 Wire Unbundled Digital 19.2 Kbps - Zone 1 [DISCONNECT]	NTCUD	UDL19	1
13	KY	UNE LOOP COMMINGLING	4 Wire Unbundled Digital 19.2 Kbps - Zone 2	NTCUD	UDL19	2
13	KY	UNE LOOP COMMINGLING	4 Wire Unbundled Digital 19.2 Kbps - Zone 2 [DISCONNECT]	NTCUD	UDL19	2
13	KY	UNE LOOP COMMINGLING	4 Wire Unbundled Digital 19.2 Kbps - Zone 3	NTCUD	UDL19	3
13	KY	UNE LOOP COMMINGLING	4 Wire Unbundled Digital 19.2 Kbps - Zone 3 [DISCONNECT]	NTCUD	UDL19	3
13	KY	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 56 Kbps - Zone 1	NTCUD	UDL56	1
13	KY	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 56 Kbps - Zone 1 [DISCONNECT]	NTCUD	UDL56	1
13	KY	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 56 Kbps - Zone 2	NTCUD	UDL56	2

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	KY	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 56 Kbps - Zone 2 [DISCONNECT]	NTCUD	UDL56	2
13	KY	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 56 Kbps - Zone 3	NTCUD	UDL56	3
13	KY	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 56 Kbps - Zone 3 [DISCONNECT]	NTCUD	UDL56	3
13	KY	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 64 Kbps - Zone 1	NTCUD	UDL64	1
13	KY	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 64 Kbps - Zone 1 [DISCONNECT]	NTCUD	UDL64	1
13	KY	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 64 Kbps - Zone 2	NTCUD	UDL64	2
13	KY	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 64 Kbps - Zone 2 [DISCONNECT]	NTCUD	UDL64	2
13	KY	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 64 Kbps - Zone 3	NTCUD	UDL64	3
13	KY	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 64 Kbps - Zone 3 [DISCONNECT]	NTCUD	UDL64	3
13	KY	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 19.2, 56 or 64 Kbps - Switch-As-Is Conversion rate per UNE Loop, Single LSR, (per DS0)	NTCUD	URES	
13	KY	UNE LOOP COMMINGLING	Switch-As-Is Conversion rate per UNE Loop, Spreadsheet, (per DS0)	NTCUD	URES	
15	KY	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 19.2, 56 or 64 Kbps - Order Coordination for Specified Conversion Time (per LSR)	NTCVG, NTCUD, NTCD1	OCOSL	
13	KY	MAINTENANCE OF SERVICE	Maintenance of Service Charge, Basic Time, per half hour	UDC, UEA, UDL, UDN, USL, UAL, UHL, UCL, NTCVG, NTCUD, NTCD1, U1TD1, U1TD3, U1TDX, U1TS1, U1TVX, UDF, UDFCX, UDLSX, UE3, ULDD1, ULDD3, ULDDX, ULDS1, ULDVX, UNC1X, UNC3X, UNCDX, UNCSX, UNCVX, ULS	MVBT	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	KY	MAINTENANCE OF SERVICE	Maintenance of Service Charge, Overtime, per half hour	UDC, UEA, UDL, UDN, USL, UAL, UHL, UCL, NTCVG, NTCUD, NTCDD1, U1TD1, U1TD3, U1TDX, U1TS1, U1TVX, UDF, UDFCX, UDLSX, UE3, ULDD1, ULDD3, ULDDX, ULDS1, ULVDX, UNC1X, UNC3X, UNCDX, UNCSX, UNCVX, ULS	MVVOT	
13	KY	MAINTENANCE OF SERVICE	Maintenance of Service Charge, Premium, per half hour	UDC, UEA, UDL, UDN, USL, UAL, UHL, UCL, NTCVG, NTCUD, NTCDD1, U1TD1, U1TD3, U1TDX, U1TS1, U1TVX, UDF, UDFCX, UDLSX, UE3, ULDD1, ULDD3, ULDDX, ULDS1, ULVDX, UNC1X, UNC3X, UNCDX, UNCSX, UNCVX, ULS	MVVPT	
14	KY	LOOP MODIFICATION	Unbundled Loop Modification, Removal of Load Coils - 2 Wire pair less than or equal to 18k ft, per Unbundled Loop	UAL, UHL, UCL, UEQ, ULS, UEA, UEANL, UEPSR, UEPSB	ULM2L	
14	KY	LOOP MODIFICATION	Unbundled Loop Modification Removal of Load Coils - 4 Wire less than or equal to 18K ft, per Unbundled Loop	UHL, UCL, UEA	ULM4L	
14	KY	LOOP MODIFICATION	Unbundled Loop Modification Removal of Bridged Tap Removal, per unbundled loop	UAL, UHL, UCL, UEQ, ULS, UEA, UEANL, UEPSR, UEPSB	ULMBT	
13MR-SL	KY	SUB-LOOPS	Sub-Loop - Per Cross Box Location - CLEC Feeder Facility Set-Up	UEANL, UEF	USBSA	
13MR-SL	KY	SUB-LOOPS	Sub-Loop - Per Cross Box Location - Per 25 Pair Panel Set-Up	UEANL, UEF	USBSB	
13MR-SL	KY	SUB-LOOPS	Sub-Loop - Per Building Equipment Room - CLEC Feeder Facility Set-Up	UEANL	USBSC	
13MR-SL	KY	SUB-LOOPS	Sub-Loop - Per Building Equipment Room - Per 25 Pair Panel Set-Up	UEANL	USBSD	
13MR-SL	KY	SUB-LOOPS	Sub-Loop Distribution Per 2-Wire Analog Voice Grade Loop - Zone 1	UEANL	USBN2	1
13MR-SL	KY	SUB-LOOPS	Sub-Loop Distribution Per 2-Wire Analog Voice Grade Loop - Zone 1 [DISCONNECT]	UEANL	USBN2	1
13MR-SL	KY	SUB-LOOPS	Sub-Loop Distribution Per 2-Wire Analog Voice Grade Loop - Zone 2	UEANL	USBN2	2

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13MR-SL	KY	SUB-LOOPS	Sub-Loop Distribution Per 2-Wire Analog Voice Grade Loop - Zone 2 [DISCONNECT]	UEANL	USBN2	2
13MR-SL	KY	SUB-LOOPS	Sub-Loop Distribution Per 2-Wire Analog Voice Grade Loop - Zone 3	UEANL	USBN2	3
13MR-SL	KY	SUB-LOOPS	Sub-Loop Distribution Per 2-Wire Analog Voice Grade Loop - Zone 3 [DISCONNECT]	UEANL	USBN2	3
13	KY	SUB-LOOPS	Order Coordination for Unbundled Sub-Loops, per sub-loop pair	UEANL	USBMC	
13MR-SL	KY	SUB-LOOPS	Sub-Loop Distribution Per 4-Wire Analog Voice Grade Loop - Zone 1	UEANL	USBN4	1
13MR-SL	KY	SUB-LOOPS	Sub-Loop Distribution Per 4-Wire Analog Voice Grade Loop - Zone 1 [DISCONNECT]	UEANL	USBN4	1
13MR-SL	KY	SUB-LOOPS	Sub-Loop Distribution Per 4-Wire Analog Voice Grade Loop - Zone 2	UEANL	USBN4	2
13MR-SL	KY	SUB-LOOPS	Sub-Loop Distribution Per 4-Wire Analog Voice Grade Loop - Zone 2 [DISCONNECT]	UEANL	USBN4	2
13MR-SL	KY	SUB-LOOPS	Sub-Loop Distribution Per 4-Wire Analog Voice Grade Loop - Zone 3	UEANL	USBN4	3
13MR-SL	KY	SUB-LOOPS	Sub-Loop Distribution Per 4-Wire Analog Voice Grade Loop - Zone 3 [DISCONNECT]	UEANL	USBN4	3
13MR-SL	KY	SUB-LOOPS	Sub-Loop 2-Wire Intrabuilding Network Cable (INC)	UEANL	USBR2	
13MR-SL	KY	SUB-LOOPS	Sub-Loop 2-Wire Intrabuilding Network Cable (INC) [DISCONNECT]	UEANL	USBR2	
13MR-SL	KY	SUB-LOOPS	Sub-Loop 4-Wire Intrabuilding Network Cable (INC)	UEANL	USBR4	
13MR-SL	KY	SUB-LOOPS	Sub-Loop 4-Wire Intrabuilding Network Cable (INC) [DISCONNECT]	UEANL	USBR4	
13MR-SL	KY	SUB-LOOPS	Loop Testing - Basic 1st Half Hour	UEANL	URET1	
13MR-SL	KY	SUB-LOOPS	Loop Testing - Basic Additional Half Hour	UEANL	URETA	
13MR-SL	KY	SUB-LOOPS	2 Wire Copper Unbundled Sub-Loop Distribution - Zone 1	UEF	UCS2X	1
13MR-SL	KY	SUB-LOOPS	2 Wire Copper Unbundled Sub-Loop Distribution - Zone 1 [DISCONNECT]	UEF	UCS2X	1
13MR-SL	KY	SUB-LOOPS	2 Wire Copper Unbundled Sub-Loop Distribution - Zone 2	UEF	UCS2X	2
13MR-SL	KY	SUB-LOOPS	2 Wire Copper Unbundled Sub-Loop Distribution - Zone 2 [DISCONNECT]	UEF	UCS2X	2

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13MR-SL	KY	SUB-LOOPS	2 Wire Copper Unbundled Sub-Loop Distribution - Zone 3	UEF	UCS2X	3
13MR-SL	KY	SUB-LOOPS	2 Wire Copper Unbundled Sub-Loop Distribution - Zone 3 [DISCONNECT]	UEF	UCS2X	3
13	KY	SUB-LOOPS	Order Coordination for Unbundled Sub-Loops, per sub-loop pair	UEF	USBMC	
13MR-SL	KY	SUB-LOOPS	4 Wire Copper Unbundled Sub-Loop Distribution - Zone 1	UEF	UCS4X	1
13MR-SL	KY	SUB-LOOPS	4 Wire Copper Unbundled Sub-Loop Distribution - Zone 1 [DISCONNECT]	UEF	UCS4X	1
13MR-SL	KY	SUB-LOOPS	4 Wire Copper Unbundled Sub-Loop Distribution - Zone 2	UEF	UCS4X	2
13MR-SL	KY	SUB-LOOPS	4 Wire Copper Unbundled Sub-Loop Distribution - Zone 2 [DISCONNECT]	UEF	UCS4X	2
13MR-SL	KY	SUB-LOOPS	4 Wire Copper Unbundled Sub-Loop Distribution - Zone 3	UEF	UCS4X	3
13MR-SL	KY	SUB-LOOPS	4 Wire Copper Unbundled Sub-Loop Distribution - Zone 3 [DISCONNECT]	UEF	UCS4X	3
13MR-SL	KY	SUB-LOOPS	Loop Tagging Service Level 1, Unbundled Copper Loop, Non-Designed and Distribution Subloops	UEF, UEANL	URETL	
13MR-SL	KY	SUB-LOOPS	Loop Testing - Basic 1st Half Hour	UEF	URET1	
13MR-SL	KY	SUB-LOOPS	Loop Testing - Basic Additional Half Hour	UEF	URETA	
13	KY	SUB-LOOPS	Unbundled Sub-Loop Modification - 2-W Copper Dist Load Coil/Equip Removal per 2-W PR	UEF	ULM2X	
13	KY	SUB-LOOPS	Unbundled Sub-loop Modification - 4-W Copper Dist Load Coil/Equip Removal per 4-W PR	UEF	ULM4X	
13	KY	SUB-LOOPS	Unbundled Sub-Loop Modification, Removal of Bridge Tap, per unbundled loop	UEF	ULMBT	
13MR-SL	KY	SUB-LOOPS	Unbundled Network Terminating Wire (UNTW) per Pair	UENTW	UENPP	
13	KY	ADDITIONAL NETWORK ELEMENTS	Network Interface Device (NID) - 1-2 lines	UENTW	UND12	
13	KY	ADDITIONAL NETWORK ELEMENTS	Network Interface Device (NID) - 1-6 lines	UENTW	UND16	
13	KY	ADDITIONAL NETWORK ELEMENTS	Network Interface Device Cross Connect - 2 W	UENTW	UNDC2	
13	KY	ADDITIONAL NETWORK ELEMENTS	Network Interface Device Cross Connect - 4W	UENTW	UNDC4	
13	KY	UNE OTHER, PROVISIONING ONLY - NO RATE	Unbundled Contact Name, Provisioning Only - no rate	UAL, UCL, UDC, UDL, UDN, UEA, UHL, UEANL, UEF, UEQ, UENTW, NTCVG, NTCUD, NTCD1, USL	UNECN	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	KY	UNE OTHER, PROVISIONING ONLY - NO RATE	Unbundled DS1 Loop - Superframe Format Option - no rate	USL, NTCD1	CCOSF	
13	KY	UNE OTHER, PROVISIONING ONLY - NO RATE	Unbundled DS1 Loop - Expanded Superframe Format option - no rate	USL, NTCD1	CCOEF	
13	KY	UNE OTHER, PROVISIONING ONLY - NO RATE	NID - Dispatch and Service Order for NID installation	UENTW	UNDBX	
13MR-SL	KY	UNE OTHER, PROVISIONING ONLY - NO RATE	UNTW Circuit Establishment, Provisioning Only - No Rate	UENTW	UENCE	
14	KY	LOOP MAKE-UP	Loop Makeup - Preordering Without Reservation, per working or spare facility queried (Manual).	UMK	UMKLW	
14	KY	LOOP MAKE-UP	Loop Makeup - Preordering With Reservation, per spare facility queried (Manual).	UMK	UMKLP	
14	KY	LOOP MAKE-UP	Loop Makeup--With or Without Reservation, per working or spare facility queried (Mechanized)	UMK	UMKMQ	
14R-LS	KY	LINE SPLITTING	End User Ordering - Central Office Based - Line Splitting - per line activation DLEC owned splitter	UEPSR,UEPSB	UREOS	
14R-LS	KY	LINE SPLITTING	End User Ordering - Remote Site Shared Loop Line Activation for End Users - CLEC Owned Splitter	UEPSR, UEPSB	URERS	
14R-LS	KY	LINE SPLITTING	End User Ordering - Remote Site Shared Loop Line Activation for End Users - CLEC Owned Splitter [DISCONNECT]	UEPSR, UEPSB	URERS	
14R-LS	KY	LINE SPLITTING	End User Ordering - Remote Site Shared Loop - Subsequent Activity - CLEC Owned Splitter	UEPSR, UEPSB	URERA	
14R-LS	KY	LINE SPLITTING	Unbundled Exchange Access Loop - 2 Wire Analog Voice Grade Loop-Service Level 1-Line Splitting- Zone 1	UEPSR, UEPSB	UEALS	1
14R-LS	KY	LINE SPLITTING	Unbundled Exchange Access Loop - 2 Wire Analog Voice Grade Loop-Service Level 1-Line Splitting- Zone 1 [DISCONNECT]	UEPSR, UEPSB	UEALS	1
14R-LS	KY	LINE SPLITTING	Unbundled Exchange Access Loop - 2 Wire Analog Voice Grade Loop-Service Level 1-Line Splitting- Zone 1	UEPSR, UEPSB	UEABS	1
14R-LS	KY	LINE SPLITTING	Unbundled Exchange Access Loop - 2 Wire Analog Voice Grade Loop-Service Level 1-Line Splitting- Zone 1 [DISCONNECT]	UEPSR, UEPSB	UEABS	1
14R-LS	KY	LINE SPLITTING	2 Wire Analog Voice Grade Loop- Service Level 1-Line Splitting-Zone 2	UEPSR, UEPSB	UEALS	2

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
14R-LS	KY	LINE SPLITTING	2 Wire Analog Voice Grade Loop- Service Level 1-Line Splitting-Zone 2 [DISCONNECT]	UEPSR, UEPSB	UEALS	2
14R-LS	KY	LINE SPLITTING	Unbundled Exchange Access Loop - 2 Wire Analog Voice Grade Loop- Service Level 1-Line Splitting-Zone 2	UEPSR, UEPSB	UEABS	2
14R-LS	KY	LINE SPLITTING	Unbundled Exchange Access Loop - 2 Wire Analog Voice Grade Loop- Service Level 1-Line Splitting-Zone 2 [DISCONNECT]	UEPSR, UEPSB	UEABS	2
14R-LS	KY	LINE SPLITTING	Unbundled Exchange Access Loop - 2 Wire Analog Voice Grade Loop-Service Level 1-Line Splitting-Zone 3	UEPSR, UEPSB	UEALS	3
14R-LS	KY	LINE SPLITTING	Unbundled Exchange Access Loop - 2 Wire Analog Voice Grade Loop-Service Level 1-Line Splitting-Zone 3 [DISCONNECT]	UEPSR, UEPSB	UEALS	3
14R-LS	KY	LINE SPLITTING	Unbundled Exchange Access Loop - 2 Wire Analog Voice Grade Loop-Service Level 1-Line Splitting-Zone 3	UEPSR, UEPSB	UEABS	3
14R-LS	KY	LINE SPLITTING	Unbundled Exchange Access Loop - 2 Wire Analog Voice Grade Loop-Service Level 1-Line Splitting-Zone 3 [DISCONNECT]	UEPSR, UEPSB	UEABS	3
14R-LS	KY	LINE SPLITTING	Unbundled Exchange Access Loop - Remote Site 2 Wire Analog Voice Grade Loop -Service Level 1- Line Splitting - CLEC Owned Splitter - Zone 1	UEPSR, UEPSB	UEARS	1
14R-LS	KY	LINE SPLITTING	Unbundled Exchange Access Loop - Remote Site 2 Wire Analog Voice Grade Loop -Service Level 1- Line Splitting - CLEC Owned Splitter - Zone 1 [DISCONNECT]	UEPSR, UEPSB	UEARS	1
14R-LS	KY	LINE SPLITTING	Unbundled Exchange Access Loop - Remote Site 2 Wire Analog Voice Grade Loop -Service Level 1- Line Splitting - CLEC Owned Splitter - Zone 2	UEPSR, UEPSB	UEARS	2
14R-LS	KY	LINE SPLITTING	Unbundled Exchange Access Loop - Remote Site 2 Wire Analog Voice Grade Loop -Service Level 1- Line Splitting - CLEC Owned Splitter - Zone 2 [DISCONNECT]	UEPSR, UEPSB	UEARS	2
14R-LS	KY	LINE SPLITTING	Unbundled Exchange Access Loop - Remote Site 2 Wire Analog Voice Grade Loop -Service Level 1- Line Splitting - CLEC Owned Splitter - Zone 3	UEPSR, UEPSB	UEARS	3

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
14R-LS	KY	LINE SPLITTING	Unbundled Exchange Access Loop - Remote Site 2 Wire Analog Voice Grade Loop -Service Level 1- Line Splitting - CLEC Owned Splitter - Zone 3 [DISCONNECT]	UEPSR, UEPSB	UEARS	3
14R-LS	KY	LINE SPLITTING	Unbundled Exchange Access Loop - Physical Collocation-2 Wire Cross Connects (Loop) for Line Splitting	UEPSR, UEPSB	PE1LS	
14R-LS	KY	LINE SPLITTING	Unbundled Exchange Access Loop - Physical Collocation-2 Wire Cross Connects (Loop) for Line Splitting [DISCONNECT]	UEPSR, UEPSB	PE1LS	
14R-LS	KY	LINE SPLITTING	Unbundled Exchange Access Loop - Virtual Collocation-2 Wire Cross Connects (Loop) for Line Splitting	UEPSR, UEPSB	VE1LS	
14R-LS	KY	LINE SPLITTING	Unbundled Exchange Access Loop - Virtual Collocation-2 Wire Cross Connects (Loop) for Line Splitting [DISCONNECT]	UEPSR, UEPSB	VE1LS	
13	KY	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS1 - per mile	U1TD1	1L5XX	
13	KY	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS1 - Facility Termination	U1TD1	U1TF1	
13	KY	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS1 - Facility Termination [DISCONNECT]	U1TD1	U1TF1	
13	KY	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS3 - per mile	U1TD3	1L5XX	
13	KY	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS3 - Facility Termination	U1TD3	U1TF3	
13	KY	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS3 - Facility Termination [DISCONNECT]	U1TD3	U1TF3	
13	KY	UNBUNDLED DEDICATED TRANSPORT	Dark Fiber - Interoffice Transport, Per Four Fiber Strands, Per Route Mile Or Fraction Thereof	UDF	1L5DF	
13	KY	UNBUNDLED DEDICATED TRANSPORT	Dark Fiber - Interoffice Transport, Per Four Fiber Strands, Per Route Mile Or Fraction Thereof	UDF	UDF14	
13	KY	UNBUNDLED DEDICATED TRANSPORT	Dark Fiber - Interoffice Transport, Per Four Fiber Strands, Per Route Mile Or Fraction Thereof [DISCONNECT]	UDF	UDF14	
13	KY	HIGH CAPACITY UNBUNDLED LOCAL LOOP	Stand Alone - DS3 Unbundled Local Loop - per mile	UE3	1L5ND	
13	KY	HIGH CAPACITY UNBUNDLED LOCAL LOOP	Stand Alone - DS3 Unbundled Local Loop - Facility Termination	UE3	UE3PX	
13	KY	HIGH CAPACITY UNBUNDLED LOCAL LOOP	Stand Alone - DS3 Unbundled Local Loop - Facility Termination [DISCONNECT]	UE3	UE3PX	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	KY	ENHANCED EXTENDED LINK (EELs)	4-Wire Analog Voice Grade Loop in Combination - Zone 1	UNCVX	UEAL4	1
13	KY	ENHANCED EXTENDED LINK (EELs)	4-Wire Analog Voice Grade Loop in Combination - Zone 1 [DISCONNECT]	UNCVX	UEAL4	1
13	KY	ENHANCED EXTENDED LINK (EELs)	4-Wire Analog Voice Grade Loop in Combination - Zone 2	UNCVX	UEAL4	2
13	KY	ENHANCED EXTENDED LINK (EELs)	4-Wire Analog Voice Grade Loop in Combination - Zone 2 [DISCONNECT]	UNCVX	UEAL4	2
13	KY	ENHANCED EXTENDED LINK (EELs)	4-Wire Analog Voice Grade Loop in Combination - Zone 3	UNCVX	UEAL4	3
13	KY	ENHANCED EXTENDED LINK (EELs)	4-Wire Analog Voice Grade Loop in Combination - Zone 3 [DISCONNECT]	UNCVX	UEAL4	3
13	KY	ENHANCED EXTENDED LINK (EELs)	4-Wire DS1 Digital Loop in Combination - Zone 1	UNC1X	USLXX	1
13	KY	ENHANCED EXTENDED LINK (EELs)	4-Wire DS1 Digital Loop in Combination - Zone 1 [DISCONNECT]	UNC1X	USLXX	1
13	KY	ENHANCED EXTENDED LINK (EELs)	4-Wire DS1 Digital Loop in Combination - Zone 2	UNC1X	USLXX	2
13	KY	ENHANCED EXTENDED LINK (EELs)	4-Wire DS1 Digital Loop in Combination - Zone 2 [DISCONNECT]	UNC1X	USLXX	2
13	KY	ENHANCED EXTENDED LINK (EELs)	4-Wire DS1 Digital Loop in Combination - Zone 3	UNC1X	USLXX	3
13	KY	ENHANCED EXTENDED LINK (EELs)	4-Wire DS1 Digital Loop in Combination - Zone 3 [DISCONNECT]	UNC1X	USLXX	3
13	KY	ENHANCED EXTENDED LINK (EELs)	DS3 Local Loop in combination - per mile	UNC3X	1L5ND	
13	KY	ENHANCED EXTENDED LINK (EELs)	DS3 Local Loop in combination - Facility Termination	UNC3X	UE3PX	
13	KY	ENHANCED EXTENDED LINK (EELs)	DS3 Local Loop in combination - Facility Termination [DISCONNECT]	UNC3X	UE3PX	
13	KY	ENHANCED EXTENDED LINK (EELs)	Interoffice Channel in combination - DS1 - per mile	UNC1X	1L5XX	
13	KY	ENHANCED EXTENDED LINK (EELs)	Interoffice Channel in combination - DS1 Facility Termination	UNC1X	U1TF1	
13	KY	ENHANCED EXTENDED LINK (EELs)	Interoffice Channel in combination - DS1 Facility Termination [DISCONNECT]	UNC1X	U1TF1	
13	KY	ENHANCED EXTENDED LINK (EELs)	Interoffice Channel in combination - DS3 - per mile	UNC3X	1L5XX	
13	KY	ENHANCED EXTENDED LINK (EELs)	Interoffice Channel in combination - DS3 - Facility Termination	UNC3X	U1TF3	
13	KY	ENHANCED EXTENDED LINK (EELs)	Interoffice Channel in combination - DS3 - Facility Termination [DISCONNECT]	UNC3X	U1TF3	
13	KY	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: Clear Channel Capability Extended Frame Option - per DS1	U1TD1, UNC1X	CCOEF	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	KY	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: Clear Channel Capability Extended Frame Option - per DS1 [DISCONNECT]	U1TD1, UNC1X	CCOEF	
13	KY	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: Clear Channel Capability Super FrameOption - per DS1	U1TD1, UNC1X	CCOSF	
13	KY	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: Clear Channel Capability Super FrameOption - per DS1 [DISCONNECT]	U1TD1, UNC1X	CCOSF	
13	KY	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: Clear Channel Capability (SF/ESF) Option - Subsequent Activity - per DS1	U1TD1, UNC1X, USL	NRCCC	
13	KY	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: Clear Channel Capability (SF/ESF) Option - Subsequent Activity - per DS1 [DISCONNECT]	U1TD1, UNC1X, USL	NRCCC	
13	KY	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: C-bit Parity Option - Subsequent Activity - per DS3	U1TD3, UE3, UNC3X	NRCC3	
13	KY	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: C-bit Parity Option - Subsequent Activity - per DS3 [DISCONNECT]	U1TD3, UE3, UNC3X	NRCC3	
13	KY	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: DS1/DS0 Channel System	UNC1X	MQ1	
13	KY	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: DS1/DS0 Channel System [DISCONNECT]	UNC1X	MQ1	
13	KY	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: DS3/DS1Channel System	UNC3X	MQ3	
13	KY	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: DS3/DS1Channel System [DISCONNECT]	UNC3X	MQ3	
13	KY	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: Voice Grade COCI in combination	UNCVX	1D1VG	
13	KY	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: Voice Grade COCI - for 2W-SL2 & 4W Voice Grade Local Loop	UEA	1D1VG	
13	KY	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: DS1 COCI in combination	UNC1X	UC1D1	
13	KY	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: DS1 COCI - for Stand Alone Interoffice Channel	U1TD1	UC1D1	
13	KY	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: DS1 COCI - for DS1 Local Loop	USL, NTCD1	UC1D1	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	KY	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: Wholesale - UNE, Switch-As-Is Conversion Charge	UNCVX, UNC1X, UNC3X, XDH1X, HFQC6, XDD2X,-XDV6X	UNCCC	
13	KY	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: Unbundled Misc Rate Element, SNE SAI, Single Network Element - Switch As Is Non-recurring Charge, per circuit (LSR)	U1TVX, U1TD3, UDF, UE3	URES	
13	KY	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: Unbundled Misc Rate Element, SNE SAI, Single Network Element - Switch As Is Non-recurring Charge, incremental charge per circuit on a spreadsheet	U1TVX, U1TD3, UDF, UE3	URESP	
13	KY	ADDITIONAL NETWORK ELEMENTS	Service Rearrangements - NRC - Order Coordination Specific Time - Dedicated Transport	UNC1X, UNC3X	OCOSR	
13	KY	COMMINGLING	Commingling Authorization	UNCVX, UNC1X, UNC3X, U1TD3, UE3, U1TVX	CMGAU	
13	KY	COMMINGLING	Commingling Authorization [DISCONNECT]	UNCVX, UNC1X, UNC3X, U1TD3, UE3, U1TVX	CMGAU	
13	KY	COMMINGLING	Commingled VG COCI	XDV2X	1D1VG	
13	KY	COMMINGLING	Commingled 4-wire Local Loop Zone 1	XDV6X	UEAL4	1
13	KY	COMMINGLING	Commingled 4-wire Local Loop Zone 1 [DISCONNECT]	XDV6X	UEAL4	1
13	KY	COMMINGLING	Commingled 4-wire Local Loop Zone 2	XDV6X	UEAL4	2
13	KY	COMMINGLING	Commingled 4-wire Local Loop Zone 2 [DISCONNECT]	XDV6X	UEAL4	2
13	KY	COMMINGLING	Commingled 4-wire Local Loop Zone 3	XDV6X	UEAL4	3
13	KY	COMMINGLING	Commingled 4-wire Local Loop Zone 3 [DISCONNECT]	XDV6X	UEAL4	3
13	KY	COMMINGLING	Commingled DS1 COCI	XDH1X	UC1D1	
13	KY	COMMINGLING	Commingled DS1 Interoffice Channel	XDH1X	U1TF1	
13	KY	COMMINGLING	Commingled DS1 Interoffice Channel [DISCONNECT]	XDH1X	U1TF1	
13	KY	COMMINGLING	Commingled DS1 Interoffice Channel Mileage	XDH1X	1L5XX	
13	KY	COMMINGLING	Commingled DS1/DS0 Channel System	XDH1X	MQ1	
13	KY	COMMINGLING	Commingled DS1/DS0 Channel System [DISCONNECT]	XDH1X	MQ1	
13	KY	COMMINGLING	Commingled DS1 Local Loop Zone 1	XDH1X	USLXX	1
13	KY	COMMINGLING	Commingled DS1 Local Loop Zone 1 [DISCONNECT]	XDH1X	USLXX	1
13	KY	COMMINGLING	Commingled DS1 Local Loop Zone 2	XDH1X	USLXX	2
13	KY	COMMINGLING	Commingled DS1 Local Loop Zone 2 [DISCONNECT]	XDH1X	USLXX	2
13	KY	COMMINGLING	Commingled DS1 Local Loop Zone 3	XDH1X	USLXX	3
13	KY	COMMINGLING	Commingled DS1 Local Loop Zone 3 [DISCONNECT]	XDH1X	USLXX	3
13	KY	COMMINGLING	Commingled DS3 Local Loop	HFQC6	UE3PX	
13	KY	COMMINGLING	Commingled DS3 Local Loop [DISCONNECT]	HFQC6	UE3PX	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	KY	COMMINGLING	Commingled DS3/DS1 Channel System	HFQC6	MQ3	
13	KY	COMMINGLING	Commingled DS3/DS1 Channel System [DISCONNECT]	HFQC6	MQ3	
13	KY	COMMINGLING	Commingled DS3 Interoffice Channel	HFQC6	U1TF3	
13	KY	COMMINGLING	Commingled DS3 Interoffice Channel [DISCONNECT]	HFQC6	U1TF3	
13	KY	COMMINGLING	Commingled DS3 Interoffice Channel Mileage	HFQC6	1L5XX	
13	KY	COMMINGLING	UNE to Commingled Conversion Tracking	XDH1X, HFQC6	CMGUN	
13	KY	COMMINGLING	UNE to Commingled Conversion Tracking [DISCONNECT]	XDH1X, HFQC6	CMGUN	
13	KY	COMMINGLING	SPA to Commingled Conversion Tracking	XDH1X, HFQC6	CMGSP	
13	KY	COMMINGLING	SPA to Commingled Conversion Tracking [DISCONNECT]	XDH1X, HFQC6	CMGSP	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	LA	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1- Zone 1	UEANL	UEAL2	1
13	LA	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1- Zone 2	UEANL	UEAL2	2
13	LA	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1- Zone 3	UEANL	UEAL2	3
13	LA	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1- Zone 1	UEANL	UEASL	1
13	LA	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1- Zone 2	UEANL	UEASL	2
13	LA	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1- Zone 3	UEANL	UEASL	3
13	LA	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Manual Order Coordination for UVL-SL1s (per loop)	UEANL	UEAMC	
13	LA	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Order Coordination for Specified Conversion Time for UVL-SL1 (per LSR)	UEANL	OCOSL	
13	LA	UNBUNDLED EXCHANGE ACCESS LOOP	Bulk Migration, per 2 Wire Voice Loop-SL1	UEANL	UREPN	
13	LA	UNBUNDLED EXCHANGE ACCESS LOOP	Bulk Migration Order Coordination, per 2 Wire Voice Loop-SL1	UEANL	UREPM	
14	LA	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Unbundled Copper Loop - Non-Designed Zone 1	UEQ	UEQ2X	1
14	LA	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop - Non-Designed - Zone 2	UEQ	UEQ2X	2
14	LA	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop - Non-Designed - Zone 3	UEQ	UEQ2X	3
14R-CU	LA	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop -Unbundled Miscellaneous Rate Element, Tag Loop at End User Premise	UEQ	URETL	
14R-CU	LA	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop -Loop Testing - Basic 1st Half Hour	UEQ	URET1	
14R-CU	LA	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop -Loop Testing - Basic Additional Half Hour	UEQ	URETA	
15	LA	UNBUNDLED EXCHANGE ACCESS LOOP	Manual Order Coordination 2 Wire Unbundled Copper Loop - Non-Designed (per loop)	UEQ	USBMC	
15	LA	UNBUNDLED EXCHANGE ACCESS LOOP	Bulk Migration, per 2 Wire UCL-ND	UEQ	UREPN	
15	LA	UNBUNDLED EXCHANGE ACCESS LOOP	Bulk Migration Order Coordination, per 2 Wire UCL-ND	UEQ	UREPM	
13	LA	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Single LSR, (per DS0)	UEA	URES�	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	LA	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Spreadsheet, (per DS0)	UEA	URESP	
15	LA	UNBUNDLED EXCHANGE ACCESS LOOP	Bulk Migration, per 2 Wire Voice Loop-SL2	UEA	UREPN	
15	LA	UNBUNDLED EXCHANGE ACCESS LOOP	Bulk Migration Order Coordination, per 2 Wire Voice Loop-SL2	UEA	UREPM	
13	LA	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Voice Grade Loop - Zone 1	UEA	UEAL4	1
13	LA	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Voice Grade Loop - Zone 2	UEA	UEAL4	2
13	LA	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Voice Grade Loop - Zone 3	UEA	UEAL4	3
13	LA	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Single LSR, (per DS0)	UEA	URES�	
13	LA	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Spreadsheet, (per DS0)	UEA	URESP	
13	LA	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire ISDN Digital Grade Loop - Zone 1	UDN	U1L2X	1
13	LA	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire ISDN Digital Grade Loop - Zone 2	UDN	U1L2X	2
13	LA	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire ISDN Digital Grade Loop - Zone 3	UDN	U1L2X	3
14	LA	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled ADSL Loop including manual service inquiry & facility reservation - Zone 1	UAL	UAL2X	1
14	LA	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled ADSL Loop including manual service inquiry & facility reservation - Zone 2	UAL	UAL2X	2
14	LA	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled ADSL Loop including manual service inquiry & facility reservation - Zone 3	UAL	UAL2X	3
14	LA	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled ADSL Loop without manual service inquiry & facility reservaton - Zone 1	UAL	UAL2W	1
14	LA	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled ADSL Loop without manual service inquiry & facility reservaton - Zone 2	UAL	UAL2W	2
14	LA	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled ADSL Loop without manual service inquiry & facility reservaton - Zone 3	UAL	UAL2W	3
14	LA	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled HDSL Loop including manual service inquiry & facility reservation - Zone 1	UHL	UHL2X	1
14	LA	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled HDSL Loop including manual service inquiry & facility reservation - Zone 2	UHL	UHL2X	2
14	LA	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled HDSL Loop including manual service inquiry & facility reservation - Zone 3	UHL	UHL2X	3
14	LA	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled HDSL Loop without manual service inquiry and facility reservation - Zone 1	UHL	UHL2W	1

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
14	LA	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled HDSL Loop without manual service inquiry and facility reservation - Zone 2	UHL	UHL2W	2
14	LA	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled HDSL Loop without manual service inquiry and facility reservation - Zone 3	UHL	UHL2W	3
14	LA	UNBUNDLED EXCHANGE ACCESS LOOP	4 Wire Unbundled HDSL Loop including manual service inquiry and facility reservation - Zone 1	UHL	UHL4X	1
14	LA	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Unbundled HDSL Loop including manual service inquiry and facility reservation - Zone 2	UHL	UHL4X	2
14	LA	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Unbundled HDSL Loop including manual service inquiry and facility reservation - Zone 3	UHL	UHL4X	3
14	LA	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Unbundled HDSL Loop without manual service inquiry and facility reservation - Zone 1	UHL	UHL4W	1
14	LA	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Unbundled HDSL Loop without manual service inquiry and facility reservation - Zone 2	UHL	UHL4W	2
14	LA	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Unbundled HDSL Loop without manual service inquiry and facility reservation - Zone 3	UHL	UHL4W	3
13	LA	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire DS1 Digital Loop - Zone 1	USL	USLXX	1
13	LA	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire DS1 Digital Loop - Zone 2	USL	USLXX	2
13	LA	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire DS1 Digital Loop - Zone 3	USL	USLXX	3
13	LA	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire DS1 Digital Loop - Switch-As-Is Conversion rate per UNE Loop, Single LSR, (per DS1)	USL	URES	
13	LA	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire DS1 Digital Loop - Switch-As-Is Conversion rate per UNE Loop, Spreadsheet, (per DS1)	USL	URESP	
14	LA	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Unbundled Copper Loop-Designed including manual service inquiry & facility reservation - Zone 1	UCL	UCLPB	1
14	LA	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Unbundled Copper Loop-Designed including manual service inquiry & facility reservation - Zone 2	UCL	UCLPB	2
14	LA	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop-Designed including manual service inquiry & facility reservation - Zone 3	UCL	UCLPB	3
14	LA	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Unbundled Copper Loop-Designed without manual service inquiry and facility reservation - Zone 1	UCL	UCLPW	1
14	LA	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Unbundled Copper Loop-Designed without manual service inquiry and facility reservation - Zone 2	UCL	UCLPW	2
14	LA	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Unbundled Copper Loop-Designed without manual service inquiry and facility reservation - Zone 3	UCL	UCLPW	3
15	LA	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Unbundled Copper Loop - Order Coordination for Unbundled Copper Loops (per loop)	UCL	UCLMC	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
14	LA	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Copper Loop-Designed including manual service inquiry and facility reservation - Zone 1	UCL	UCL4S	1
14	LA	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Copper Loop-Designed including manual service inquiry and facility reservation - Zone 2	UCL	UCL4S	2
14	LA	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Copper Loop-Designed including manual service inquiry and facility reservation - Zone 3	UCL	UCL4S	3
14	LA	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Copper Loop-Designed without manual service inquiry and facility reservation - Zone 1	UCL	UCL4W	1
14	LA	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Copper Loop-Designed without manual service inquiry and facility reservation - Zone 2	UCL	UCL4W	2
14	LA	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Copper Loop-Designed without manual service inquiry and facility reservation - Zone 3	UCL	UCL4W	3
15	LA	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Copper Loop - Order Coordination for Unbundled Copper Loops (per loop)	UCL	UCLMC	
15	LA	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Copper Loop - Order Coordination for Specified Conversion Time (per LSR)	UEA, UDN, UAL, UHL, UDL, USL	OCOSL	
13	LA	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Loop or Ground Start Signaling - Zone 1	NTCVG	UEAL2	1
13	LA	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Loop or Ground Start Signaling - Zone 2	NTCVG	UEAL2	2
13	LA	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Loop or Ground Start Signaling - Zone 3	NTCVG	UEAL2	3
13	LA	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Reverse Battery Signaling - Zone 1	NTCVG	UEAR2	1
13	LA	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Reverse Battery Signaling - Zone 2	NTCVG	UEAR2	2
13	LA	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Reverse Battery Signaling - Zone 3	NTCVG	UEAR2	3
13	LA	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Single LSR, (per DS0)	NTCVG	URES	
13	LA	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Spreadsheet, (per DS0)	NTCVG	URESP	
13	LA	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Loop Tagging - Service Level 2 (SL2)	NTCVG	URETL	
13	LA	UNE LOOP COMMINGLING	4-Wire Analog Voice Grade Loop - Zone 1	NTCVG	UEAL4	1

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	LA	UNE LOOP COMMINGLING	4-Wire Analog Voice Grade Loop - Zone 1 [DISCONNECT]	NTCVG	UEAL4	1
13	LA	UNE LOOP COMMINGLING	4-Wire Analog Voice Grade Loop - Zone 2	NTCVG	UEAL4	2
13	LA	UNE LOOP COMMINGLING	4-Wire Analog Voice Grade Loop - Zone 2 [DISCONNECT]	NTCVG	UEAL4	2
13	LA	UNE LOOP COMMINGLING	4-Wire Analog Voice Grade Loop - Zone 3	NTCVG	UEAL4	3
13	LA	UNE LOOP COMMINGLING	4-Wire Analog Voice Grade Loop - Zone 3 [DISCONNECT]	NTCVG	UEAL4	3
13	LA	UNE LOOP COMMINGLING	4-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Single LSR, (per DS0)	NTCVG	URES	
13	LA	UNE LOOP COMMINGLING	4-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Spreadsheet, (per DS0)	NTCVG	URES	
13	LA	UNE LOOP COMMINGLING	4-Wire DS1 Digital Loop - Zone 1	NTCD1	USLXX	1
13	LA	UNE LOOP COMMINGLING	4-Wire DS1 Digital Loop - Zone 2	NTCD1	USLXX	2
13	LA	UNE LOOP COMMINGLING	4-Wire DS1 Digital Loop - Zone 3	NTCD1	USLXX	3
13	LA	UNE LOOP COMMINGLING	4-Wire DS1 Digital Loop -Switch-As-Is Conversion rate per UNE Loop, Single LSR, (per DS1)	NTCD1	URES	
13	LA	UNE LOOP COMMINGLING	4-Wire DS1 Digital Loop -Switch-As-Is Conversion rate per UNE Loop, Spreadsheet, (per DS1)	NTCD1	URES	
13	LA	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 2.4 Kbps - Zone 1	NTCUD	UDL2X	1
13	LA	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 2.4 Kbps - Zone 2	NTCUD	UDL2X	2
13	LA	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 2.4 Kbps - Zone3	NTCUD	UDL2X	3
13	LA	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 4.8 Kbps - Zone 1	NTCUD	UDL4X	1
13	LA	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 4.8 Kbps - Zone 2	NTCUD	UDL4X	2
13	LA	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 4.8 Kbps - Zone 3	NTCUD	UDL4X	3
13	LA	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 9.6 Kbps - Zone 1	NTCUD	UDL9X	1
13	LA	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 9.6 Kbps - Zone 2	NTCUD	UDL9X	2
13	LA	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 9.6 Kbps - Zone 3	NTCUD	UDL9X	3
13	LA	UNE LOOP COMMINGLING	4 Wire Unbundled Digital 19.2 Kbps - Zone 1	NTCUD	UDL19	1
13	LA	UNE LOOP COMMINGLING	4 Wire Unbundled Digital 19.2 Kbps - Zone 2	NTCUD	UDL19	2
13	LA	UNE LOOP COMMINGLING	4 Wire Unbundled Digital 19.2 Kbps - Zone 3	NTCUD	UDL19	3
13	LA	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 56 Kbps - Zone 1	NTCUD	UDL56	1
13	LA	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 56 Kbps - Zone 2	NTCUD	UDL56	2
13	LA	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 56 Kbps - Zone 3	NTCUD	UDL56	3
13	LA	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 64 Kbps - Zone 1	NTCUD	UDL64	1
13	LA	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 64 Kbps - Zone 2	NTCUD	UDL64	2

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	LA	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 64 Kbps - Zone 3	NTCUD	UDL64	3
13	LA	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 19.2, 56 or 64 Kbps - Switch-As-Is Conversion rate per UNE Loop, Single LSR, (per DS0)	NTCUD	URES	
13	LA	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 19.2, 56 or 64 Kbps - Switch-As-Is Conversion rate per UNE Loop, Spreadsheet, (per DS0)	NTCUD	URES	
15	LA	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 19.2, 56 or 64 Kbps - Order Coordination for Specified Conversion Time (per LSR)	NTCVG, NTCUD, NTCD1	OCOSL	
13	LA	MAINTENANCE OF SERVICE	Maintenance of Service Charge, Basic Time, per half hour	UDC, UEA, UDL, UDN, USL, UAL, UHL, UCL, NTCVG, NTCUD, NTCD1, U1TD1, U1TD3, U1TDX, U1TS1, U1TVX, UDF, UDFCX, UDLSX, UE3, ULDD1, ULDD3, ULDDX, ULDS1, ULDVX, UNC1X, UNC3X, UNCDX, UNCSX, UNCVX, ULS	MVVB	
13	LA	MAINTENANCE OF SERVICE	Maintenance of Service Charge, Overtime, per half hour	UDC, UEA, UDL, UDN, USL, UAL, UHL, UCL, NTCVG, NTCUD, NTCD1, U1TD1, U1TD3, U1TDX, U1TS1, U1TVX, UDF, UDFCX, UDLSX, UE3, ULDD1, ULDD3, ULDDX, ULDS1, ULDVX, UNC1X, UNC3X, UNCDX, UNCSX, UNCVX, ULS	MVVOT	
13	LA	MAINTENANCE OF SERVICE	Maintenance of Service Charge, Premium, per half hour	UDC, UEA, UDL, UDN, USL, UAL, UHL, UCL, NTCVG, NTCUD, NTCD1, U1TD1, U1TD3, U1TDX, U1TS1, U1TVX, UDF, UDFCX, UDLSX, UE3, ULDD1, ULDD3, ULDDX, ULDS1, ULDVX, UNC1X, UNC3X, UNCDX, UNCSX, UNCVX, ULS	MVVPT	
14	LA	LOOP MODIFICATION	Unbundled Loop Modification, Removal of Load Coils - 2 Wire pair less than or equal to 18k ft, per Unbundled Loop	UAL, UHL, UCL, UEQ, ULS, UEA, UEANL, UEPSR, UEPSB	ULM2L	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
14	LA	LOOP MODIFICATION	Unbundled Loop Modification Removal of Load Coils - 4 Wire less than or equal to 18K ft, per Unbundled Loop	UHL, UCL, UEA	ULM4L	
14	LA	LOOP MODIFICATION	Unbundled Loop Modification Removal of Bridged Tap Removal, per unbundled loop	UAL, UHL, UCL, UEQ, ULS, UEA, UEANL, UEPSR, UEPSB	ULMBT	
13MR-SL	LA	SUB-LOOPS	Sub-Loop - Per Cross Box Location - CLEC Feeder Facility Set-Up	UEANL, UEF	USBSA	
13MR-SL	LA	SUB-LOOPS	Sub-Loop - Per Cross Box Location - Per 25 Pair Panel Set-Up	UEANL, UEF	USBSB	
13MR-SL	LA	SUB-LOOPS	Sub-Loop - Per Building Equipment Room - CLEC Feeder Facility Set-Up	UEANL	USBSC	
13MR-SL	LA	SUB-LOOPS	Sub-Loop - Per Building Equipment Room - Per 25 Pair Panel Set-Up	UEANL	USBSD	
13MR-SL	LA	SUB-LOOPS	Sub-Loop Distribution Per 2-Wire Analog Voice Grade Loop - Zone 1	UEANL	USBN2	1
13MR-SL	LA	SUB-LOOPS	Sub-Loop Distribution Per 2-Wire Analog Voice Grade Loop - Zone 2	UEANL	USBN2	2
13MR-SL	LA	SUB-LOOPS	Sub-Loop Distribution Per 2-Wire Analog Voice Grade Loop - Zone 3	UEANL	USBN2	3
13	LA	SUB-LOOPS	Order Coordination for Unbundled Sub-Loops, per sub-loop pair	UEANL	USBMC	
13MR-SL	LA	SUB-LOOPS	Sub-Loop Distribution Per 4-Wire Analog Voice Grade Loop - Zone 1	UEANL	USBN4	1
13MR-SL	LA	SUB-LOOPS	Sub-Loop Distribution Per 4-Wire Analog Voice Grade Loop - Zone 2	UEANL	USBN4	2
13MR-SL	LA	SUB-LOOPS	Sub-Loop Distribution Per 4-Wire Analog Voice Grade Loop - Zone 3	UEANL	USBN4	3
13MR-SL	LA	SUB-LOOPS	Sub-Loop 2-Wire Intrabuilding Network Cable (INC)	UEANL	USBR2	
13MR-SL	LA	SUB-LOOPS	Sub-Loop 4-Wire Intrabuilding Network Cable (INC)	UEANL	USBR4	
13MR-SL	LA	SUB-LOOPS	Loop Testing - Basic 1st Half Hour	UEANL	URET1	
13MR-SL	LA	SUB-LOOPS	Loop Testing - Basic Additional Half Hour	UEANL	URETA	
13MR-SL	LA	SUB-LOOPS	2 Wire Copper Unbundled Sub-Loop Distribution - Zone 1	UEF	UCS2X	1
13MR-SL	LA	SUB-LOOPS	2 Wire Copper Unbundled Sub-Loop Distribution - Zone 2	UEF	UCS2X	2
13MR-SL	LA	SUB-LOOPS	2 Wire Copper Unbundled Sub-Loop Distribution - Zone 3	UEF	UCS2X	3

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	LA	SUB-LOOPS	Order Coordination for Unbundled Sub-Loops, per sub-loop pair	UEF	USBMC	
13MR-SL	LA	SUB-LOOPS	4 Wire Copper Unbundled Sub-Loop Distribution - Zone 1	UEF	UCS4X	1
13MR-SL	LA	SUB-LOOPS	4 Wire Copper Unbundled Sub-Loop Distribution - Zone 2	UEF	UCS4X	2
13MR-SL	LA	SUB-LOOPS	4 Wire Copper Unbundled Sub-Loop Distribution - Zone 3	UEF	UCS4X	3
13MR-SL	LA	SUB-LOOPS	Loop Tagging Service Level 1, Unbundled Copper Loop, Non-Designed and Distribution Subloops	UEF, UEANL	URETL	
13MR-SL	LA	SUB-LOOPS	Loop Testing - Basic 1st Half Hour	UEF	URET1	
13MR-SL	LA	SUB-LOOPS	Loop Testing - Basic Additional Half Hour	UEF	URETA	
13	LA	SUB-LOOPS	Unbundled Sub-Loop Modification - 2-W Copper Dist Load Coil/Equip Removal per 2-W PR	UEF	ULM2X	
13	LA	SUB-LOOPS	Unbundled Sub-loop Modification - 4-W Copper Dist Load Coil/Equip Removal per 4-W PR	UEF	ULM4X	
13	LA	SUB-LOOPS	Unbundled Sub-Loop Modification, Removal of Bridge Tap, per unbundled loop	UEF	ULMBT	
13MR-SL	LA	SUB-LOOPS	Unbundled Network Terminating Wire (UNTW) per Pair	UENTW	UENPP	
13	LA	ADDITIONAL NETWORK ELEMENTS	Network Interface Device (NID) - 1-2 lines	UENTW	UND12	
13	LA	ADDITIONAL NETWORK ELEMENTS	Network Interface Device (NID) - 1-6 lines	UENTW	UND16	
13	LA	ADDITIONAL NETWORK ELEMENTS	Network Interface Device Cross Connect - 2 W	UENTW	UNDC2	
13	LA	ADDITIONAL NETWORK ELEMENTS	Network Interface Device Cross Connect - 4W	UENTW	UNDC4	
13	LA	UNE OTHER, PROVISIONING ONLY - NO RATE	Unbundled Contact Name, Provisioning Only - no rate	UAL, UCL, UDC, UDL, UDN, UEA, UHL, UEANL, UEF, UEQ, UENTW, NTCVG, NTCUD, NTCD1, USL	UNECN	
13	LA	UNE OTHER, PROVISIONING ONLY - NO RATE	Unbundled DS1 Loop - Superframe Format Option - no rate	USL, NTCD1	CCOSF	
13	LA	UNE OTHER, PROVISIONING ONLY - NO RATE	Unbundled DS1 Loop - Expanded Superframe Format option - no rate	USL, NTCD1	CCOEF	
13	LA	UNE OTHER, PROVISIONING ONLY - NO RATE	NID - Dispatch and Service Order for NID installation	UENTW	UNDBX	
13MR-SL	LA	UNE OTHER, PROVISIONING ONLY - NO RATE	UNTW Circuit Establishment, Provisioning Only - No Rate	UENTW	UENCE	
14	LA	LOOP MAKE-UP	Loop Makeup - Preordering Without Reservation, per working or spare facility queried (Manual).	UMK	UMKLW	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
14	LA	LOOP MAKE-UP	Loop Makeup - Preordering With Reservation, per spare facility queried (Manual).	UMK	UMKLP	
14	LA	LOOP MAKE-UP	Loop Makeup--With or Without Reservation, per working or spare facility queried (Mechanized)	UMK	UMKMQ	
14R-LS	LA	LINE SPLITTING	End User Ordering - Central Office Based - Line Splitting - per line activation DLEC owned splitter	UEPSR, UEPSB	UREOS	
14R-LS	LA	LINE SPLITTING	End User Ordering - Central Office Based - Line Splitting - per line activation AT&T owned - physical	UEPSR, UEPSB	UREBP	
14R-LS	LA	LINE SPLITTING	End User Ordering - Central Office Based - Line Splitting - per line activation AT&T owned - virtual	UEPSR, UEPSB	UREBV	
14R-LS	LA	LINE SPLITTING	End User Ordering - Remote Site Shared Loop Line Activation for End Users - CLEC Owned Splitter	UEPSR, UEPSB	URERS	
14R-LS	LA	LINE SPLITTING	End User Ordering - Remote Site Shared Loop Line Activation for End Users - CLEC Owned Splitter [DISCONNECT]	UEPSR, UEPSB	URERS	
14R-LS	LA	LINE SPLITTING	End User Ordering - Remote Site Shared Loop - Subsequent Activity - CLEC Owned Splitter	UEPSR, UEPSB	URERA	
14R-LS	LA	LINE SPLITTING	Unbundled Exchange Access Loop - 2 Wire Analog Voice Grade Loop-Service Level 1-Line Splitting- Zone 1	UEPSR, UEPSB	UEALS	1
14R-LS	LA	LINE SPLITTING	Unbundled Exchange Access Loop - 2 Wire Analog Voice Grade Loop-Service Level 1-Line Splitting- Zone 1 [DISCONNECT]	UEPSR, UEPSB	UEALS	1
14R-LS	LA	LINE SPLITTING	Unbundled Exchange Access Loop - 2 Wire Analog Voice Grade Loop-Service Level 1-Line Splitting- Zone 1	UEPSR, UEPSB	UEABS	1
14R-LS	LA	LINE SPLITTING	Unbundled Exchange Access Loop - 2 Wire Analog Voice Grade Loop-Service Level 1-Line Splitting- Zone 1 [DISCONNECT]	UEPSR, UEPSB	UEABS	1
14R-LS	LA	LINE SPLITTING	Unbundled Exchange Access Loop - 2 Wire Analog Voice Grade Loop- Service Level 1-Line Splitting-Zone 2	UEPSR, UEPSB	UEALS	2
14R-LS	LA	LINE SPLITTING	Unbundled Exchange Access Loop - 2 Wire Analog Voice Grade Loop- Service Level 1-Line Splitting-Zone 2 [DISCONNECT]	UEPSR, UEPSB	UEALS	2

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
14R-LS	LA	LINE SPLITTING	Unbundled Exchange Access Loop - 2 Wire Analog Voice Grade Loop- Service Level 1-Line Splitting-Zone 2	UEPSR, UEPSB	UEABS	2
14R-LS	LA	LINE SPLITTING	Unbundled Exchange Access Loop - 2 Wire Analog Voice Grade Loop- Service Level 1-Line Splitting-Zone 2 [DISCONNECT]	UEPSR, UEPSB	UEABS	2
14R-LS	LA	LINE SPLITTING	Unbundled Exchange Access Loop - 2 Wire Analog Voice Grade Loop-Service Level 1-Line Splitting-Zone 3	UEPSR, UEPSB	UEALS	3
14R-LS	LA	LINE SPLITTING	Unbundled Exchange Access Loop - 2 Wire Analog Voice Grade Loop-Service Level 1-Line Splitting-Zone 3 [DISCONNECT]	UEPSR, UEPSB	UEALS	3
14R-LS	LA	LINE SPLITTING	Unbundled Exchange Access Loop - 2 Wire Analog Voice Grade Loop-Service Level 1-Line Splitting-Zone 3	UEPSR, UEPSB	UEABS	3
14R-LS	LA	LINE SPLITTING	Unbundled Exchange Access Loop - 2 Wire Analog Voice Grade Loop-Service Level 1-Line Splitting-Zone 3 [DISCONNECT]	UEPSR, UEPSB	UEABS	3
14R-LS	LA	LINE SPLITTING	Unbundled Exchange Access Loop - Remote Site 2 Wire Analog Voice Grade Loop -Service Level 1- Line Splitting - CLEC Owned Splitter - Zone 1	UEPSR, UEPSB	UEARS	1
14R-LS	LA	LINE SPLITTING	Unbundled Exchange Access Loop - Remote Site 2 Wire Analog Voice Grade Loop -Service Level 1- Line Splitting - CLEC Owned Splitter - Zone 1 [DISCONNECT]	UEPSR, UEPSB	UEARS	1
14R-LS	LA	LINE SPLITTING	Unbundled Exchange Access Loop - Remote Site 2 Wire Analog Voice Grade Loop -Service Level 1- Line Splitting - CLEC Owned Splitter - Zone 2	UEPSR, UEPSB	UEARS	2
14R-LS	LA	LINE SPLITTING	Unbundled Exchange Access Loop - Remote Site 2 Wire Analog Voice Grade Loop -Service Level 1- Line Splitting - CLEC Owned Splitter - Zone 2 [DISCONNECT]	UEPSR, UEPSB	UEARS	2
14R-LS	LA	LINE SPLITTING	Unbundled Exchange Access Loop - Remote Site 2 Wire Analog Voice Grade Loop -Service Level 1- Line Splitting - CLEC Owned Splitter - Zone 3	UEPSR, UEPSB	UEARS	3

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
14R-LS	LA	LINE SPLITTING	Unbundled Exchange Access Loop - Remote Site 2 Wire Analog Voice Grade Loop -Service Level 1- Line Splitting - CLEC Owned Splitter - Zone 3 [DISCONNECT]	UEPSR, UEPSB	UEARS	3
14R-LS	LA	LINE SPLITTING	Unbundled Exchange Access Loop - Physical Collocation-2 Wire Cross Connects (Loop) for Line Splitting	UEPSR, UEPSB	PE1LS	
14R-LS	LA	LINE SPLITTING	Unbundled Exchange Access Loop - Physical Collocation-2 Wire Cross Connects (Loop) for Line Splitting [DISCONNECT]	UEPSR, UEPSB	PE1LS	
14R-LS	LA	LINE SPLITTING	Unbundled Exchange Access Loop - Virtual Collocation-2 Wire Cross Connects (Loop) for Line Splitting	UEPSR, UEPSB	VE1LS	
14R-LS	LA	LINE SPLITTING	Unbundled Exchange Access Loop - Virtual Collocation-2 Wire Cross Connects (Loop) for Line Splitting [DISCONNECT]	UEPSR, UEPSB	VE1LS	
13	LA	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS1 - per mile	U1TD1	1L5XX	
13	LA	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS1 - Facility Termination	U1TD1	U1TF1	
13	LA	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS3 - per mile	U1TD3	1L5XX	
13	LA	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS3 - Facility Termination	U1TD3	U1TF3	
13	LA	UNBUNDLED DEDICATED TRANSPORT	Dark Fiber - Interoffice Transport, Per Four Fiber Strands, Per Route Mile Or Fraction Thereof	UDF	1L5DF	
13	LA	UNBUNDLED DEDICATED TRANSPORT	Dark Fiber - Interoffice Transport, Per Four Fiber Strands, Per Route Mile Or Fraction Thereof	UDF	UDF14	
13	LA	HIGH CAPACITY UNBUNDLED LOCAL LOOP	Stand Alone - DS3 Unbundled Local Loop - per mile	UE3	1L5ND	
13	LA	HIGH CAPACITY UNBUNDLED LOCAL LOOP	Stand Alone - DS3 Unbundled Local Loop - Facility Termination	UE3	UE3PX	
13	LA	ENHANCED EXTENDED LINK (EELs)	4-Wire Analog Voice Grade Loop in Combination - Zone 1	UNCVX	UEAL4	1
13	LA	ENHANCED EXTENDED LINK (EELs)	4-Wire Analog Voice Grade Loop in Combination - Zone 2	UNCVX	UEAL4	2
13	LA	ENHANCED EXTENDED LINK (EELs)	4-Wire Analog Voice Grade Loop in Combination - Zone 3	UNCVX	UEAL4	3
13	LA	ENHANCED EXTENDED LINK (EELs)	4-Wire DS1 Digital Loop in Combination - Zone 1	UNC1X	USLXX	1
13	LA	ENHANCED EXTENDED LINK (EELs)	4-Wire DS1 Digital Loop in Combination - Zone 2	UNC1X	USLXX	2
13	LA	ENHANCED EXTENDED LINK (EELs)	4-Wire DS1 Digital Loop in Combination - Zone 3	UNC1X	USLXX	3
13	LA	ENHANCED EXTENDED LINK (EELs)	DS3 Local Loop in combination - per mile	UNC3X	1L5ND	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	LA	ENHANCED EXTENDED LINK (EELs)	DS3 Local Loop in combination - Facility Termination	UNC3X	UE3PX	
13	LA	ENHANCED EXTENDED LINK (EELs)	Interoffice Channel in combination - DS1 - per mile	UNC1X	1L5XX	
13	LA	ENHANCED EXTENDED LINK (EELs)	Interoffice Channel in combination - DS1 Facility Termination	UNC1X	U1TF1	
13	LA	ENHANCED EXTENDED LINK (EELs)	Interoffice Channel in combination - DS3 - per mile	UNC3X	1L5XX	
13	LA	ENHANCED EXTENDED LINK (EELs)	Interoffice Channel in combination - DS3 - Facility Termination	UNC3X	U1TF3	
13	LA	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: Clear Channel Capability Extended Frame Option - per DS1	U1TD1, UNC1X	CCOEF	
13	LA	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: Clear Channel Capability Extended Frame Option - per DS1 [DISCONNECT]	U1TD1, UNC1X	CCOEF	
13	LA	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: Clear Channel Capability Super FrameOption - per DS1	U1TD1, UNC1X	CCOSF	
13	LA	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: Clear Channel Capability Super FrameOption - per DS1 [DISCONNECT]	U1TD1, UNC1X	CCOSF	
13	LA	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: Clear Channel Capability (SF/ESF) Option - Subsequent Activity - per DS1	U1TD1, UNC1X, USL	NRCCC	
13	LA	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: Clear Channel Capability (SF/ESF) Option - Subsequent Activity - per DS1 [DISCONNECT]	U1TD1, UNC1X, USL	NRCCC	
13	LA	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: C-bit Parity Option - Subsequent Activity - per DS3	U1TD3, UE3, UNC3X	NRCC3	
13	LA	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: C-bit Parity Option - Subsequent Activity - per DS3 [DISCONNECT]	U1TD3, UE3, UNC3X	NRCC3	
13	LA	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: DS1/DS0 Channel System	UNC1X	MQ1	
13	LA	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: DS3/DS1Channel System	UNC3X	MQ3	
13	LA	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: Voice Grade COCI - for 2W-SL2 & 4W Voice Grade Local Loop	UEA	1D1VG	
13	LA	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: Voice Grade COCI - for 2W-SL2 & 4W Voice Grade Local Loop	UNCVX	1D1VG	
13	LA	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: DS1 COCI in combination	UNC1X	UC1D1	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	LA	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: DS1 COCI - for Stand Alone Interoffice Channel	U1TD1	UC1D1	
13	LA	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: DS1 COCI - for DS1 Local Loop	USL, NTCD1	UC1D1	
13	LA	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: Wholesale - UNE, Switch-As-Is Conversion Charge	UNCVX, UNC1X, UNC3X, XDH1X, HFQC6, XDD2X, XDV6X	UNCCC	
13	LA	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: Unbundled Misc Rate Element, SNE SAI, Single Network Element - Switch As Is Non-recurring Charge, per circuit (LSR)	U1TVX, U1TD3, UDF, UE3	URES	
13	LA	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: Unbundled Misc Rate Element, SNE SAI, Single Network Element - Switch As Is Non-recurring Charge, incremental charge per circuit on a spreadsheet	U1TVX, U1TD3, UDF, UE3	URESP	
13	LA	ADDITIONAL NETWORK ELEMENTS	Service Rearrangements - NRC - Order Coordination Specific Time - Dedicated Transport	UNC1X, UNC3X	OCOSR	
13	LA	COMMINGLING	Commingling Authorization	UNCVX, UNC1X, UNC3X, U1TD3, UE3, U1TVX	CMGAU	
13	LA	COMMINGLING	Commingled VG COCI	XDV2X	1D1VG	
13	LA	COMMINGLING	Commingled 4-wire Local Loop Zone 1	XDV6X	UEAL4	1
13	LA	COMMINGLING	Commingled 4-wire Local Loop Zone 2	XDV6X	UEAL4	2
13	LA	COMMINGLING	Commingled 4-wire Local Loop Zone 3	XDV6X	UEAL4	3
13	LA	COMMINGLING	Commingled DS1 COCI	XDH1X	UC1D1	
13	LA	COMMINGLING	Commingled DS1 Interoffice Channel	XDH1X	U1TF1	
13	LA	COMMINGLING	Commingled DS1 Interoffice Channel Mileage	XDH1X	1L5XX	
13	LA	COMMINGLING	Commingled DS1/DS0 Channel System	XDH1X	MQ1	
13	LA	COMMINGLING	Commingled DS1 Local Loop Zone 1	XDH1X	USLXX	1
13	LA	COMMINGLING	Commingled DS1 Local Loop Zone 2	XDH1X	USLXX	2
13	LA	COMMINGLING	Commingled DS1 Local Loop Zone 3	XDH1X	USLXX	3
13	LA	COMMINGLING	Commingled DS3 Local Loop	HFQC6	UE3PX	
13	LA	COMMINGLING	Commingled DS3/DS1 Channel System	HFQC6	MQ3	
13	LA	COMMINGLING	Commingled DS3 Interoffice Channel	HFQC6	U1TF3	
13	LA	COMMINGLING	Commingled DS3 Interoffice Channel Mileage	HFQC6	1L5XX	
13	LA	COMMINGLING	UNE to Commingled Conversion Tracking	XDH1X, HFQC6	CMGUN	
13	LA	COMMINGLING	UNE to Commingled Conversion Tracking [DISCONNECT]	XDH1X, HFQC6	CMGUN	
13	LA	COMMINGLING	SPA to Commingled Conversion Tracking	XDH1X, HFQC6	CMGSP	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	LA	COMMINGLING	SPA to Commingled Conversion Tracking [DISCONNECT]	XDH1X, HFQC6	CMGSP	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	MI	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog - Rural (Zone C)	MUJ++, EE7JX, UOB++, UOR++	U2HC1	C
13	MI	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog - Suburban (Zone B)	MUJ++, EE7JX, UOB++, UOR++	U2HB1	B
13	MI	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog - Metro (Zone A)	MUJ++, EE7JX, UOB++, UOR++	U2HAA	A
13	MI	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog - Ground Start, Analog DID/Reverse Battery - Rural (Zone C)	MUJ++, EE7JX, UOB++, UOR++	U2WC1	C
13	MI	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog - Ground Start, Analog DID/Reverse Battery - Suburban (Zone B)	MUJ++, EE7JX, UOB++, UOR++	U2WB1	B
13	MI	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog - Ground Start, Analog DID/Reverse Battery - Metro (Zone A)	MUJ++, EE7JX, UOB++, UOR++	U2WAA	A
13	MI	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog - Ground Start, PBX - Rural (Zone C)	MUJ++, EE7JX, UOB++, UOR++	U2JC1	C
13	MI	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog - Ground Start, PBX - Suburban (Zone B)	MUJ++, EE7JX, UOB++, UOR++	U2JB1	B
13	MI	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog - Ground Start, PBX - Metro (Zone A)	MUJ++, EE7JX, UOB++, UOR++	U2JAA	A
13	MI	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog - COPTS Coin - Rural (Zone C)	MUJ++, EE7JX, UOB++, UOR++	U2CC1	C
13	MI	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog - COPTS Coin - Suburban (Zone B)	MUJ++, EE7JX, UOB++, UOR++	U2CB1	B
13	MI	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog - COPTS Coin - Metro (Zone A)	MUJ++, EE7JX, UOB++, UOR++	U2CAA	A
13	MI	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog - EKL - Rural (Zone C)	MUJ++, EE7JX, UOB++, UOR++	U2KC1	C
13	MI	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog - EKL - Suburban (Zone B)	MUJ++, EE7JX, UOB++, UOR++	U2KB1	B
13	MI	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog - EKL - Metro (Zone A)	MUJ++, EE7JX, UOB++, UOR++	U2KAA	A
13	MI	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog - Rural (Zone C)	MUJ++, EE7KX, UOB++, UOR++	U4HC1	C
13	MI	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog - Suburban (Zone B)	MUJ++, EE7KX, UOB++, UOR++	U4HB1	B
13	MI	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog - Metro (Zone A)	MUJ++, EE7KX, UOB++, UOR++	U4HAA	A
13	MI	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Digital - Rural (Zone C)	MUJ++, EE7LX, UOB++, UOR++	U2QC1	C
13	MI	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Digital - Suburban (Zone B)	MUJ++, EE7LX, UOB++, UOR++	U2QB1	B
13	MI	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Digital - Metro (Zone A)	MUJ++, EE7LX, UOB++, UOR++	U2QAA	A
13	MI	UNBUNDLED EXCHANGE ACCESS LOOP	DS1 Loop - Rural (Zone C)	MUJ++, EE7MX, UOB++, UOR++	4U1C1	C
13	MI	UNBUNDLED EXCHANGE ACCESS LOOP	DS1 Loop - Suburban (Zone B)	MUJ++, EE7MX, UOB++, UOR++	4U1B1	B
13	MI	UNBUNDLED EXCHANGE ACCESS LOOP	DS1 Loop - Metro (Zone A)	MUJ++, EE7MX, UOB++, UOR++	4U1AA	A
13	MI	UNBUNDLED EXCHANGE ACCESS LOOP	DS3 Loop - Rural (Zone C)	MUJ++, EE7NX, UOB++, UOR++	U4D3C	C
13	MI	UNBUNDLED EXCHANGE ACCESS LOOP	DS3 Loop - Suburban (Zone B)	MUJ++, EE7NX, UOB++, UOR++	U4D3B	B
13	MI	UNBUNDLED EXCHANGE ACCESS LOOP	DS3 Loop - Metro (Zone A)	MUJ++, EE7NX, UOB++, UOR++	U4D3A	A
14	MI	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #1 - 2-Wire xDSL Loop Access Area C - Rural	MUJ++, UOB++, UOR++	2SLA3	C
14	MI	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #1 - 2-Wire xDSL Loop Access Area B - Suburban	MUJ++, UOB++, UOR++	2SLA2	B

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
14	MI	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #1 - 2-Wire xDSL Loop Access Area A - Metro	MUJ++, UOB++, UOR++	2SLA1	A
14	MI	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #2 - 2-Wire xDSL Loop Access Area C - Rural	MUJ++, UOB++, UOR++	2SLC3	C
14	MI	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #2 - 2-Wire xDSL Loop Access Area B - Suburban	MUJ++, UOB++, UOR++	2SLC2	B
14	MI	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #2 - 2-Wire xDSL Loop Access Area A - Metro	MUJ++, UOB++, UOR++	2SLC1	A
14	MI	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #3 - 2-Wire xDSL Loop Access Area C - Rural	MUJ++, UOB++, UOR++	2SLB3	C
14	MI	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #3 - 2-Wire xDSL Loop Access Area B - Suburban	MUJ++, UOB++, UOR++	2SLB2	B
14	MI	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #3 - 2-Wire xDSL Loop Access Area A - Metro	MUJ++, UOB++, UOR++	2SLB1	A
14	MI	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #4 - 2-Wire xDSL Loop Access Area C - Rural	MUJ++, UOB++, UOR++	2SLD3	C
14	MI	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #4 - 2-Wire xDSL Loop Access Area B - Suburban	MUJ++, UOB++, UOR++	2SLD2	B
14	MI	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #4 - 2-Wire xDSL Loop Access Area A - Metro	MUJ++, UOB++, UOR++	2SLD1	A
14	MI	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #5 - 2-Wire xDSL Loop Access Area C - Rural	MUJ++, UOB++, UOR++	UWRA3	C
14	MI	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #5 - 2-Wire xDSL Loop Access Area B - Suburban	MUJ++, UOB++, UOR++	UWRA2	B
14	MI	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #5 - 2-Wire xDSL Loop Access Area A - Metro	MUJ++, UOB++, UOR++	UWRA1	A
14	MI	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #7 - 2-Wire xDSL Loop Access Area C - Rural	MUJ++, UOB++, UOR++	2SLF3	C
14	MI	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #7 - 2-Wire xDSL Loop Access Area B - Suburban	MUJ++, UOB++, UOR++	2SLF2	B
14	MI	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #7 - 2-Wire xDSL Loop Access Area A - Metro	MUJ++, UOB++, UOR++	2SLF1	A
14	MI	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #3 - 4-Wire xDSL Loop Access Area C- Rural	MUJ++, UOB++, UOR++	4SL13	C
14	MI	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #3 - 4-Wire xDSL Loop Access Area B - Suburban	MUJ++, UOB++, UOR++	4SL12	B
14	MI	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #3 - 4-Wire xDSL Loop Access Area A - Metro	MUJ++, UOB++, UOR++	4SL11	A
13	MI	UNBUNDLED EXCHANGE ACCESS LOOP	IDSL Loop Access Area C - Rural	MUJ++, UOB++, UOR++	UY5FC	C
13	MI	UNBUNDLED EXCHANGE ACCESS LOOP	IDSL Loop Access Area B - Suburban	MUJ++, UOB++, UOR++	UY5FB	B
13	MI	UNBUNDLED EXCHANGE ACCESS LOOP	IDSL Loop Access Area A - Metro	MUJ++, UOB++, UOR++	UY5FA	A
13	MI	UNBUNDLED EXCHANGE ACCESS LOOP	Loop Service Order- Initial	MUJ++, EE7JX, EE7KX, EE7LX, UOB++, UOR++	SEPUP	
13	MI	UNBUNDLED EXCHANGE ACCESS LOOP	Loop Service Order- Disconnect	MUJ++, EE7JX, EE7KX, EE7LX, UOB++, UOR++	NR9OE	
13	MI	UNBUNDLED EXCHANGE ACCESS LOOP	Loop Service Order- Subsequent	MUJ++, EE7JX, EE7KX, EE7LX, UOB++, UOR++	REAH9	
13	MI	UNBUNDLED EXCHANGE ACCESS LOOP	Loop Connection	MUJ++, EE7JX, EE7KX, EE7LX, UOB++, UOR++	SEPUC	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	MI	UNBUNDLED EXCHANGE ACCESS LOOP	Loop Disconnect	MUJ++, EE7JX, EE7KX, EE7LX, UOB++, UOR++	NR9OG	
13	MI	UNBUNDLED EXCHANGE ACCESS LOOP	Loop - Record Work Only	MUJ++, EE7JX, EE7KX, EE7LX, UOB++, UOR++	NR9UP	
13	MI	UNBUNDLED EXCHANGE ACCESS LOOP	DS0 - Service Administration Charge, per order - Install		NR9OH	
13	MI	UNBUNDLED EXCHANGE ACCESS LOOP	DS0 - Service Design and CO Connection Charge, per circuit - Install		NR9OK	
13	MI	UNBUNDLED EXCHANGE ACCESS LOOP	DS0 - Service Carrier Connection Charge per Termination - Install		NR9ON	
13	MI	UNBUNDLED EXCHANGE ACCESS LOOP	DS0 - Service Digital Loop Disconnect Service Order	MUJ++, EE7JX, UOB++, UOR++	NKCQM	
13	MI	UNBUNDLED EXCHANGE ACCESS LOOP	DS0 - Service Digital Loop Disconnect, per Loop	MUJ++, EE7JX, UOB++, UOR++	NKCQN	
13	MI	UNBUNDLED EXCHANGE ACCESS LOOP	Cancellation or Change Service Charge-Analog Loop, per last critical date reached	MUJ++, EE7KX, UOB++, UOR++	NKCU1	
13	MI	UNBUNDLED EXCHANGE ACCESS LOOP	Cancellation or Change Service Charge-Analog Loop, per last critical date reached Design Layout Report Date	MUJ++, EE7KX, UOB++, UOR++	NR95O	
13	MI	UNBUNDLED EXCHANGE ACCESS LOOP	Cancellation or Change Service Charge-Analog Loop, per last critical date reached Records Issue Date	MUJ++, EE7KX, UOB++, UOR++	NR95P	
13	MI	UNBUNDLED EXCHANGE ACCESS LOOP	Cancellation or Change Service Charge-Analog Loop, per last critical date reached Designed, Verified, and Assigned Date	MUJ++, EE7KX, UOB++, UOR++	NR95Q	
13	MI	UNBUNDLED EXCHANGE ACCESS LOOP	Cancellation or Change Service Charge-Analog Loop, per last critical date reached Plant Test Date	MUJ++, EE7KX, UOB++, UOR++	NR95R	
13	MI	UNBUNDLED EXCHANGE ACCESS LOOP	Cancellation or Change Service Charge-DS0 Loop, per last critical date reached	MUJ++, EE7LX, UOB++, UOR++	NKCUA	
13	MI	UNBUNDLED EXCHANGE ACCESS LOOP	Cancellation or Change Service Charge-DS0 Loop, per last critical date reached Design Layout Report Date	MUJ++, EE7LX, UOB++, UOR++	NR95S	
13	MI	UNBUNDLED EXCHANGE ACCESS LOOP	Cancellation or Change Service Charge-DS0 Loop, per last critical date reached Records Issue Date	MUJ++, EE7LX, UOB++, UOR++	NR95T	
13	MI	UNBUNDLED EXCHANGE ACCESS LOOP	Cancellation or Change Service Charge-DS0 Loop, per last critical date reached Designed, Verified, and Assigned Date	MUJ++, EE7LX, UOB++, UOR++	NR95U	
13	MI	UNBUNDLED EXCHANGE ACCESS LOOP	Cancellation or Change Service Charge-DS0 Loop, per last critical date reached Plant Test Date	MUJ++, EE7LX, UOB++, UOR++	NR95V	
13	MI	UNBUNDLED EXCHANGE ACCESS LOOP	Due Date Change Charge, per Order, per Occasion Analog Loop	MUJ++, EE7KX, EE7JX, UOB++, UOR++	NR955	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	MI	UNBUNDLED EXCHANGE ACCESS LOOP	Due Date Change Charge, per Order, per Occasion DS0 Loop	MUJ++, EE7LX, UOB++, UOR++	NR956	
13	MI	UNBUNDLED EXCHANGE ACCESS LOOP	DS1 - Service Non-Recurring Charges Administration Charge, per order - Install	MUJ++, EE7MX, UOB++, UOR++	NR9OR	
13	MI	UNBUNDLED EXCHANGE ACCESS LOOP	DS1 - Service Non-Recurring Charges Service Provisioning Charge, per circuit, Install	MUJ++, EE7MX, UOB++, UOR++	NKCU2	
13	MI	UNBUNDLED EXCHANGE ACCESS LOOP	DS1 - Service Non-Recurring Charges Administration Charge, per order - Disconnect	MUJ++, EE7MX, UOB++, UOR++	NR9OT	
13	MI	UNBUNDLED EXCHANGE ACCESS LOOP	DS1 - Service Non-Recurring Charges Service Provisioning Charge, per circuit, Disconnect	MUJ++, EE7MX, UOB++, UOR++	NKCU3	
7	MI	OPERATIONS SUPPORT SYSTEM	Cancellation or Change Service Charge - DS1 Loop, per last critical date reached	MUJ++, EE7MX, UOB++, UOR++	NKCU4	
7	MI	OPERATIONS SUPPORT SYSTEM	Cancellation or Change Service Charge - DS1 Loop, per last critical date reached Digital DS1 Loops - Design Layout Report Date	MUJ++, EE7MX, UOB++, UOR++	NR95W	
7	MI	OPERATIONS SUPPORT SYSTEM	Cancellation or Change Service Charge - DS1 Loop, per last critical date reached Digital DS1 Loops - Record Issue Date	MUJ++, EE7MX, UOB++, UOR++	NR95X	
7	MI	OPERATIONS SUPPORT SYSTEM	Cancellation or Change Service Charge - DS1 Loop, per last critical date reached Digital DS1 Loops - Designed, Verified & Assigned Date	MUJ++, EE7MX, UOB++, UOR++	NR95Y	
7	MI	OPERATIONS SUPPORT SYSTEM	Cancellation or Change Service Charge - DS1 Loop, per last critical date reached Digital DS1 Loops - Plant Test Date	MUJ++, EE7MX, UOB++, UOR++	NR95Z	
13	MI	UNBUNDLED EXCHANGE ACCESS LOOP	DS3 - Service Non-Recurring Charges Administration Charge, per order - Install	MUJ++, EE7NX, UOB++, UOR++	NR9OY	
13	MI	UNBUNDLED EXCHANGE ACCESS LOOP	DS3 - Service Non-Recurring Charges Service Provisioning Charge, per circuit, Install	MUJ++, EE7NX, UOB++, UOR++	NKCU5	
13	MI	UNBUNDLED EXCHANGE ACCESS LOOP	DS3 - Service Non-Recurring Charges Administration Charge, per order - Disconnect	MUJ++, EE7NX, UOB++, UOR++	NR9OZ	
13	MI	UNBUNDLED EXCHANGE ACCESS LOOP	DS3 - Service Non-Recurring Charges Service Provisioning Charge, per circuit, Disconnect	MUJ++, EE7NX, UOB++, UOR++	NKCU6	
13	MI	UNBUNDLED EXCHANGE ACCESS LOOP	Cancellation or Change Service Charge - DS3 Loop, per last critical date reached	MUJ++, EE7NX, UOB++, UOR++	NKCU7	
13	MI	UNBUNDLED EXCHANGE ACCESS LOOP	Cancellation or Change Service Charge - DS3 Loop, per last critical date reached Digital DS3 Loops - Design Layout Report Date	MUJ++, EE7NX, UOB++, UOR++	NR951	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	MI	UNBUNDLED EXCHANGE ACCESS LOOP	Cancellation or Change Service Charge - DS3 Loop, per last critical date reached Digital DS3 Loops - Record Issue Date	MUJ++, EE7NX, UOB++, UOR++	NR952	
13	MI	UNBUNDLED EXCHANGE ACCESS LOOP	Cancellation or Change Service Charge - DS3 Loop, per last critical date reached Digital DS3 Loops - Designed, Verified & Assigned Date	MUJ++, EE7NX, UOB++, UOR++	NR953	
13	MI	UNBUNDLED EXCHANGE ACCESS LOOP	Cancellation or Change Service Charge - DS3 Loop, per last critical date reached Digital DS3 Loops - Plant Test Date	MUJ++, EE7NX, UOB++, UOR++	NR954	
7	MI	OPERATIONS SUPPORT SYSTEM	Service Coordination Fee, per central office	MUJ++, UOB++, UOR++	UFE	
14	MI	UNBUNDLED EXCHANGE ACCESS LOOP	Line & Station Transfer (LST) performed on CODSLAM Loop	MUJ++, UOB++, UOR++	URCLD	
13MR-SL	MI	UNBUNDLED EXCHANGE ACCESS LOOP	Line & Station Transfer (LST) performed on Sub Loop	MUJ++, UOB++, UOR++	URCLB	
14	MI	LOOP MAKE-UP	Loop Qualification Process - Mechanized	MUJ++, UOB++, UOR++	NR98U	
14	MI	LOOP MAKE-UP	Loop Qualification Process - Manual	MUJ++, UOB++, UOR++	NRBXU	
14	MI	LOOP MODIFICATION	DSL Conditioning Options - >12KFT and < 17.5KFT Removal of Repeater Options	MUJ++, UOB++, UOR++	NRBXV	
14	MI	LOOP MODIFICATION	DSL Conditioning Options - >12KFT and < 17.5KFT Removal Bridged Tap Option	MUJ++, UOB++, UOR++	NRBXW	
14	MI	LOOP MODIFICATION	DSL Conditioning Options - >12KFT and < 17.5KFT Removal of Load Coil	MUJ++, UOB++, UOR++	NRBXZ	
14	MI	LOOP MODIFICATION	DSL Conditioning Options - >17.5KFT in addition to the rates for > 12KFT and < 17.5KFT Removal of Repeater Options	MUJ++, UOB++, UOR++	NRBNL	
14	MI	LOOP MODIFICATION	DSL Conditioning Options - >17.5KFT in addition to the rates for > 12KFT and < 17.5KFT Removal Bridged Tap Option	MUJ++, UOB++, UOR++	NRBNK	
14	MI	LOOP MODIFICATION	DSL Conditioning Options - >17.5KFT in addition to the rates for > 12KFT and < 17.5KFT Removal of Load Coil	MUJ++, UOB++, UOR++	NRBNJ	
14	MI	LOOP MODIFICATION	Remove All or NON-Excessive Bridged Tap (RABT) - MMP Removal of non - excessive bridged tap DSL Loops > 0kft and < 17.5 Kft	MUJ++, UOB++, UOR++	NRMRJ	
14	MI	LOOP MODIFICATION	Remove All or NON-Excessive Bridged Tap (RABT) - MMP Removal of All bridged tap DSL Loops > 12 Kft to 17.5 Kft	MUJ++, UOB++, UOR++	NRMRP	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
14	MI	LOOP MODIFICATION	Remove All or NON-Excessive Bridged Tap (RABT) - MMP Removal of non - excessive bridged tap DSL Loops > 17.5 Kft DSL Loops - per element incremental	MUJ++, UOB++, UOR++	NRMRS	
14	MI	LOOP MODIFICATION	Remove All or NON-Excessive Bridged Tap (RABT) - MMP Removal of All bridged tap DSL Loops > 17.5 Kft - per element incremental	MUJ++, UOB++, UOR++	NRMRM	
13MR-SL	MI	SUB-LOOPS	ECS to SAI Sub-loop 2-Wire Analog - area A	XHG++, XGG++	U7SPA	A
13MR-SL	MI	SUB-LOOPS	ECS to SAI Sub-loop 2-Wire Analog - area B	XHG++, XGG++	U7SPB	B
13MR-SL	MI	SUB-LOOPS	ECS to SAI Sub-loop 2-Wire Analog - area C	XHG++, XGG++	U7SPC	C
13MR-SL	MI	SUB-LOOPS	ECS to SAI Sub-loop 4-Wire Analog - area A	XHK++, XGK++	U7SPA	A
13MR-SL	MI	SUB-LOOPS	ECS to SAI Sub-loop 4-Wire Analog - area B	XHK++, XGK++	U7SPB	B
13MR-SL	MI	SUB-LOOPS	ECS to SAI Sub-loop 4-Wire Analog - area C	XHK++, XGK++	U7SPC	C
13MR-SL	MI	SUB-LOOPS	ECS to SAI Sub-loop 2-Wire DSL - area A	XHW++, XGW++	U7SPA	A
13MR-SL	MI	SUB-LOOPS	ECS to SAI Sub-loop 2-Wire DSL - area B	XHW++, XGW++	U7SPB	B
13MR-SL	MI	SUB-LOOPS	ECS to SAI Sub-loop 2-Wire DSL - area C	XHW++, XGW++	U7SPC	C
13MR-SL	MI	SUB-LOOPS	ECS to SAI Sub-loop 4-Wire DSL - area A	XHY++, XGY++	U7SPA	A
13MR-SL	MI	SUB-LOOPS	ECS to SAI Sub-loop 4-Wire DSL - area B	XHY++, XGY++	U7SPB	B
13MR-SL	MI	SUB-LOOPS	ECS to SAI Sub-loop 4-Wire DSL - area C	XHY++, XGY++	U7SPC	C
13MR-SL	MI	SUB-LOOPS	ECS to Terminal Sub-loop 2-Wire Analog - area A	XHG++, XGG++	U7SQA	A
13MR-SL	MI	SUB-LOOPS	ECS to Terminal Sub-loop 2-Wire Analog - area B	XHG++, XGG++	U7SQB	B
13MR-SL	MI	SUB-LOOPS	ECS to Terminal Sub-loop 2-Wire Analog - area C	XHG++, XGG++	U7SQC	C
13MR-SL	MI	SUB-LOOPS	ECS to Terminal Sub-loop 4-Wire Analog - area A	XHK++, XGK++	U7SQA	A
13MR-SL	MI	SUB-LOOPS	ECS to Terminal Sub-loop 4-Wire Analog - area B	XHK++, XGK++	U7SQB	B
13MR-SL	MI	SUB-LOOPS	ECS to Terminal Sub-loop 4-Wire Analog - area C	XHK++, XGK++	U7SQC	C
13MR-SL	MI	SUB-LOOPS	ECS to Terminal Sub-loop 2-Wire DSL - area A	XHW++, XGW++	U7SQA	A
13MR-SL	MI	SUB-LOOPS	ECS to Terminal Sub-loop 2-Wire DSL - area B	XHW++, XGW++	U7SQB	B
13MR-SL	MI	SUB-LOOPS	ECS to Terminal Sub-loop 2-Wire DSL - area C	XHW++, XGW++	U7SQC	C
13MR-SL	MI	SUB-LOOPS	ECS to Terminal Sub-loop 4-Wire DSL - area A	XHY++, XGY++	U7SQA	A
13MR-SL	MI	SUB-LOOPS	ECS to Terminal Sub-loop 4-Wire DSL - area B	XHY++, XGY++	U7SQB	B
13MR-SL	MI	SUB-LOOPS	ECS to Terminal Sub-loop 4-Wire DSL - area C	XHY++, XGY++	U7SQC	C
13MR-SL	MI	SUB-LOOPS	ECS to NID Sub-loop 2-Wire Analog - area A	XHG++, XGG++	U7SRA	A
13MR-SL	MI	SUB-LOOPS	ECS to NID Sub-loop 2-Wire Analog - area B	XHG++, XGG++	U7SRB	B
13MR-SL	MI	SUB-LOOPS	ECS to NID Sub-loop 2-Wire Analog - area C	XHG++, XGG++	U7SRC	C
13MR-SL	MI	SUB-LOOPS	ECS to NID Sub-loop 4-Wire Analog - area A	XHK++, XGK++	U7SRA	A
13MR-SL	MI	SUB-LOOPS	ECS to NID Sub-loop 4-Wire Analog - area B	XHK++, XGK++	U7SRB	B
13MR-SL	MI	SUB-LOOPS	ECS to NID Sub-loop 4-Wire Analog - area C	XHK++, XGK++	U7SRC	C
13MR-SL	MI	SUB-LOOPS	ECS to NID Sub-loop 2-Wire DSL - area A	XHW++, XGW++	U7SRA	A

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13MR-SL	MI	SUB-LOOPS	ECS to NID Sub-loop 2-Wire DSL - area B	XHW++, XGW++	U7SRB	B
13MR-SL	MI	SUB-LOOPS	ECS to NID Sub-loop 2-Wire DSL - area C	XHW++, XGW++	U7SRC	C
13MR-SL	MI	SUB-LOOPS	ECS to NID Sub-loop 4-Wire DSL - area A	XHY++, XGY++	U7SRA	A
13MR-SL	MI	SUB-LOOPS	ECS to NID Sub-loop 4-Wire DSL - area B	XHY++, XGY++	U7SRB	B
13MR-SL	MI	SUB-LOOPS	ECS to NID Sub-loop 4-Wire DSL - area C	XHY++, XGY++	U7SRC	C
13MR-SL	MI	SUB-LOOPS	SAI to Terminal Sub-loop '2-Wire Analog - area A	XHG++, XGG++	U7SSA	A
13MR-SL	MI	SUB-LOOPS	SAI to Terminal Sub-loop '2-Wire Analog - area B	XHG++, XGG++	U7SSB	B
13MR-SL	MI	SUB-LOOPS	SAI to Terminal Sub-loop 2-Wire Analog - area C	XHG++, XGG++	U7SSC	C
13MR-SL	MI	SUB-LOOPS	SAI to Terminal Sub-loop 4-Wire Analog - area A	XHK++, XGK++	U7SSA	A
13MR-SL	MI	SUB-LOOPS	SAI to Terminal Sub-loop 4-Wire Analog - area B	XHK++, XGK++	U7SSB	B
13MR-SL	MI	SUB-LOOPS	SAI to Terminal Sub-loop 4-Wire Analog - area C	XHK++, XGK++	U7SSC	C
13MR-SL	MI	SUB-LOOPS	SAI to Terminal Sub-loop 2-Wire DSL - area A	XHW++, XGW++	U7SSA	A
13MR-SL	MI	SUB-LOOPS	SAI to Terminal Sub-loop 2-Wire DSL - area B	XHW++, XGW++	U7SSB	B
13MR-SL	MI	SUB-LOOPS	SAI to Terminal Sub-loop 2-Wire DSL - area C	XHW++, XGW++	U7SSC	C
13MR-SL	MI	SUB-LOOPS	SAI to Terminal Sub-loop 4-Wire DSL - area A	XHY++, XGY++	U7SSA	A
13MR-SL	MI	SUB-LOOPS	SAI to Terminal Sub-loop 4-Wire DSL - area B	XHY++, XGY++	U7SSB	B
13MR-SL	MI	SUB-LOOPS	SAI to Terminal Sub-loop 4-Wire DSL - area C	XHY++, XGY++	U7SSC	C
13MR-SL	MI	SUB-LOOPS	SAI to NID Sub-loop 2-Wire Analog - area A	XHG++, XGG++	U7STA	A
13MR-SL	MI	SUB-LOOPS	SAI to NID Sub-loop 2-Wire Analog - area B	XHG++, XGG++	U7STB	B
13MR-SL	MI	SUB-LOOPS	SAI to NID Sub-loop 2-Wire Analog - area C	XHG++, XGG++	U7STC	C
13MR-SL	MI	SUB-LOOPS	SAI to NID Sub-loop 4-Wire Analog - area A	XHK++, XGK++	U7STA	A
13MR-SL	MI	SUB-LOOPS	SAI to NID Sub-loop 4-Wire Analog - area B	XHK++, XGK++	U7STB	B
13MR-SL	MI	SUB-LOOPS	SAI to NID Sub-loop 4-Wire Analog - area C	XHK++, XGK++	U7STC	C
13MR-SL	MI	SUB-LOOPS	SAI to NID Sub-loop 2-Wire DSL - area A	XHW++, XGW++	U7STA	A
13MR-SL	MI	SUB-LOOPS	SAI to NID Sub-loop 2-Wire DSL - area B	XHW++, XGW++	U7STB	B
13MR-SL	MI	SUB-LOOPS	SAI to NID Sub-loop 2-Wire DSL - area C	XHW++, XGW++	U7STC	C
13MR-SL	MI	SUB-LOOPS	SAI to NID Sub-loop 4-Wire DSL - area A	XHY++, XGY++	U7STA	A
13MR-SL	MI	SUB-LOOPS	SAI to NID Sub-loop 4-Wire DSL - area B	XHY++, XGY++	U7STB	B
13MR-SL	MI	SUB-LOOPS	SAI to NID Sub-loop 4-Wire DSL - area C	XHY++, XGY++	U7STC	C
13MR-SL	MI	SUB-LOOPS	Terminal to NID Sub-loop 2-Wire Analog - area A	XHG++, XGG++	U7SUA	A
13MR-SL	MI	SUB-LOOPS	Terminal to NID Sub-loop 2-Wire Analog - area B	XHG++, XGG++	U7SUB	B
13MR-SL	MI	SUB-LOOPS	Terminal to NID Sub-loop 2-Wire Analog - area C	XHG++, XGG++	U7SUC	C
13MR-SL	MI	SUB-LOOPS	Terminal to NID Sub-loop 4-Wire Analog - area A	XHK++, XGK++	U7SUA	A
13MR-SL	MI	SUB-LOOPS	Terminal to NID Sub-loop 4-Wire Analog - area B	XHK++, XGK++	U7SUB	B
13MR-SL	MI	SUB-LOOPS	Terminal to NID Sub-loop 4-Wire Analog - area C	XHK++, XGK++	U7SUC	C
13MR-SL	MI	SUB-LOOPS	Terminal to NID Sub-loop 2-Wire DSL - area A	XHW++, XGW++	U7SUA	A
13MR-SL	MI	SUB-LOOPS	Terminal to NID Sub-loop 2-Wire DSL - area B	XHW++, XGW++	U7SUB	B

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13MR-SL	MI	SUB-LOOPS	Terminal to NID Sub-loop 2-Wire DSL - area C	XHW++, XGW++	U7SUC	C
13MR-SL	MI	SUB-LOOPS	Terminal to NID Sub-loop 4-Wire DSL - area A	XHY++, XGY++	U7SUA	A
13MR-SL	MI	SUB-LOOPS	Terminal to NID Sub-loop 4-Wire DSL - area B	XHY++, XGY++	U7SUB	B
13MR-SL	MI	SUB-LOOPS	Terminal to NID Sub-loop 4-Wire DSL - area C	XHY++, XGY++	U7SUC	C
13MR-SL	MI	SUB-LOOPS	NID Sub-loop Element 2-Wire Analog - area A	XHG++, XGG++		A
13MR-SL	MI	SUB-LOOPS	NID Sub-loop Element 2-Wire Analog - area B	XHG++, XGG++		B
13MR-SL	MI	SUB-LOOPS	NID Sub-loop Element 2-Wire Analog - area C	XHG++, XGG++		C
13MR-SL	MI	SUB-LOOPS	NID Sub-loop Element 4-Wire Analog - area A	XHK++, XGK++		A
13MR-SL	MI	SUB-LOOPS	NID Sub-loop Element 4-Wire Analog - area B	XHK++, XGK++		B
13MR-SL	MI	SUB-LOOPS	NID Sub-loop Element 4-Wire Analog - area C	XHK++, XGK++		C
13MR-SL	MI	SUB-LOOPS	NID Sub-loop Element 2-Wire DSL - area A	XHW++, XGW++		A
13MR-SL	MI	SUB-LOOPS	NID Sub-loop Element 2-Wire DSL - area B	XHW++, XGW++		B
13MR-SL	MI	SUB-LOOPS	NID Sub-loop Element 2-Wire DSL - area C	XHW++, XGW++		C
13MR-SL	MI	SUB-LOOPS	NID Sub-loop Element 4-Wire DSL - area A	XHY++, XGY++		A
13MR-SL	MI	SUB-LOOPS	NID Sub-loop Element 4-Wire DSL - area B	XHY++, XGY++		B
13MR-SL	MI	SUB-LOOPS	NID Sub-loop Element 4-Wire DSL - area C	XHY++, XGY++		C
13MR-SL	MI	SUB-LOOPS	NID Sub-loop Element 2-Wire ISDN Compatible - area A	XHQ++, XGQ++		A
13MR-SL	MI	SUB-LOOPS	NID Sub-loop Element 2-Wire ISDN Compatible - area B	XHQ++, XGQ++		B
13MR-SL	MI	SUB-LOOPS	NID Sub-loop Element 2-Wire ISDN Compatible - area C	XHQ++, XGQ++		C
13MR-SL	MI	SUB-LOOPS	NID Sub-loop Element 4-Wire DS1 Compatible - area A	XQ1++		A
13MR-SL	MI	SUB-LOOPS	NID Sub-loop Element 4-Wire DS1 Compatible - area B	XQ1++		B
13MR-SL	MI	SUB-LOOPS	NID Sub-loop Element 4-Wire DS1 Compatible - area C	XQ1++		C
13MR-SL	MI	SUB-LOOPS	Sub-Loop Non-Recurring Charges Analog Sub-Loop Service Ordering Charges Installation, per occasion per location	XHG++, XGG++, XHK++, XGK++, XHW++, XGW++, XHY++, XGY++, XHQ++, XGQ++, XQ1++	SEPUP	
13MR-SL	MI	SUB-LOOPS	Sub-Loop Non-Recurring Charges Analog Sub-Loop Service Ordering Charges Disconnect, per occasion per location	XHG++, XGG++, XHK++, XGK++, XHW++, XGW++, XHY++, XGY++, XHQ++, XGQ++, XQ1++		

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13MR-SL	MI	SUB-LOOPS	Sub-Loop Non-Recurring Charges Analog Sub-Loop Service Ordering Charges Subsequent, per occasion	XHG++, XGG++, XHK++, XGK++, XHW++, XGW++, XHY++, XGY++, XHQ++, XGQ++, XQ1++		
13MR-SL	MI	SUB-LOOPS	Sub-Loop Non-Recurring Charges Analog Sub-Loop Service Ordering Charges Record Work, per occasion	XHG++, XGG++, XHK++, XGK++, XHW++, XGW++, XHY++, XGY++, XHQ++, XGQ++, XQ1++	NR9UP	
13MR-SL	MI	SUB-LOOPS	Sub-Loop Non-Recurring Charges Analog Sub-Loop Service Ordering Charges Add or Change, per occasion	XHG++, XGG++, XHK++, XGK++, XHW++, XGW++, XHY++, XGY++, XHQ++, XGQ++, XQ1++	REAH9	
13MR-SL	MI	SUB-LOOPS	Sub-Loop Non-Recurring Charges Analog Sub-Loop Service Ordering Charges Sub-Loop Connection Charge, per termination	XHG++, XGG++, XHK++, XGK++, XHW++, XGW++, XHY++, XGY++, XHQ++, XGQ++, XQ1++	SEPUC	
13MR-SL	MI	SUB-LOOPS	Sub-Loop Non-Recurring Charges Analog Sub-Loop Service Ordering Charges Sub-Loop Disconnection Charge, per termination	XHG++, XGG++, XHK++, XGK++, XHW++, XGW++, XHY++, XGY++, XHQ++, XGQ++, XQ1++		
13MR-SL	MI	SUB-LOOPS	Sub-Loop Non-Recurring Charges Sub-Loop Provisioning Connect (cross-connect) 2-Wire Analog	XHG++, XGG++	UCXE2	
13MR-SL	MI	SUB-LOOPS	Sub-Loop Non-Recurring Charges Sub-Loop Provisioning Connect (cross-connect) 4-Wire Analog	XHK++, XGK++	UCXE4	
13MR-SL	MI	SUB-LOOPS	Sub-Loop Non-Recurring Charges Sub-Loop Provisioning Connect (cross-connect) 2-Wire DSL	XHW++, XGW++	U7XH2	
13MR-SL	MI	SUB-LOOPS	Sub-Loop Non-Recurring Charges Sub-Loop Provisioning Connect (cross-connect) 4-Wire DSL	XHY++, XGY++	U7XH4	
13MR-SL	MI	SUB-LOOPS	Sub-Loop Non-Recurring Charges Sub-Loop Provisioning Connect (cross-connect) 2-Wire ISDN	XHQ++, XGQ++	U7XJ2	
13MR-SL	MI	SUB-LOOPS	Sub-Loop Non-Recurring Charges Sub-Loop Provisioning Connect (cross-connect) 4-Wire DS1	XQ1++	U7XKX	
13MR-SL	MI	SUB-LOOPS	Sub-Loop Non-Recurring Charges Sub-Loop Provisioning Connect (cross-connect) DS3	XQ3++	U7XLX	
13MR-SL	MI	SUB-LOOPS	Sub-Loop Non-Recurring Charges Sub-Loop Provisioning Disconnect (for disconnect) 2-Wire Analog	XHG++, XGG++	NRMOU	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13MR-SL	MI	SUB-LOOPS	Sub-Loop Non-Recurring Charges Sub-Loop Provisioning Disconnect (for disconnect) 4-Wire Analog	XHK++, XGK++	NRMOV	
13MR-SL	MI	SUB-LOOPS	Sub-Loop Non-Recurring Charges Sub-Loop Provisioning Disconnect (for disconnect) 2-Wire DSL	XHW++, XGW++	NRMOW	
13MR-SL	MI	SUB-LOOPS	Sub-Loop Non-Recurring Charges Sub-Loop Provisioning Disconnect (for disconnect) 4-Wire DSL	XHY++, XGY++	NRMOX	
13MR-SL	MI	SUB-LOOPS	Sub-Loop Non-Recurring Charges Sub-Loop Provisioning Disconnect (for disconnect) 2-Wire ISDL	XHQ++, XGQ++	NRMOY	
13MR-SL	MI	SUB-LOOPS	Sub-Loop Non-Recurring Charges Sub-Loop Provisioning Disconnect (for disconnect) 4-Wire DS1	XQ1++	NRMOZ	
13MR-SL	MI	SUB-LOOPS	Sub-Loop Non-Recurring Charges Sub-Loop Provisioning Disconnect (for disconnect) DS3	XQ3++	NRMO1	
13MR-SL	MI	SUB-LOOPS	Sub-Loop Non-Recurring Charges Sub-Loop Conditioning Remove Load Coils - For Sub Loop Facilities > 12Kft. And < 17.5Kft.	XHG++, XGG++, XHK++, XGK++, XHW++, XGW++, XHY++, XGY++, XHQ++, XGQ++, XQ1++		
13MR-SL	MI	SUB-LOOPS	Sub-Loop Non-Recurring Charges Sub-Loop Conditioning Remove Bridged Tap - For Sub Loop Facilities > 12Kft. And < 17.5Kft.	XHG++, XGG++, XHK++, XGK++, XHW++, XGW++, XHY++, XGY++, XHQ++, XGQ++, XQ1++		
13MR-SL	MI	SUB-LOOPS	Sub-Loop Non-Recurring Charges Sub-Loop Conditioning Remove Repeater - For Sub Loop Facilities > 12Kft. And < 17.5Kft.	XHG++, XGG++, XHK++, XGK++, XHW++, XGW++, XHY++, XGY++, XHQ++, XGQ++, XQ1++		
13MR-SL	MI	SUB-LOOPS	Sub-Loop Non-Recurring Charges Sub-Loop Conditioning Remove Load Coils - For Sub Loop Facilities > 17.5Kft. In addition to the rates for >12Kft. < 17Kft.	XHG++, XGG++, XHK++, XGK++, XHW++, XGW++, XHY++, XGY++, XHQ++, XGQ++, XQ1++		
13MR-SL	MI	SUB-LOOPS	Sub-Loop Non-Recurring Charges Sub-Loop Conditioning Remove Bridged Tap - For Sub Loop Facilities > 17.5Kft. In addition to the rates for >12Kft. < 17Kft.	XHG++, XGG++, XHK++, XGK++, XHW++, XGW++, XHY++, XGY++, XHQ++, XGQ++, XQ1++		
13MR-SL	MI	SUB-LOOPS	Sub-Loop Non-Recurring Charges Sub-Loop Conditioning Remove Repeater - For Sub Loop Facilities > 17.5Kft. In addition to the rates for >12Kft. < 17Kft.	XHG++, XGG++, XHK++, XGK++, XHW++, XGW++, XHY++, XGY++, XHQ++, XGQ++, XQ1++		
13	MI	UNBUNDLED EXCHANGE ACCESS LOOP	Cross Connects (for Loops) 2-Wire	MUJ++, UOB++, UOR++	CXCT2	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	MI	UNBUNDLED EXCHANGE ACCESS LOOP	Cross Connects (for Loops) 4-Wire	MUJ++, UOB++, UOR++	CXCT4	
13	MI	UNBUNDLED EXCHANGE ACCESS LOOP	Cross Connects (for Loops) DS1/LT1	MUJ++, UOB++, UOR++	CXCDX	
13	MI	UNBUNDLED EXCHANGE ACCESS LOOP	Cross Connects (for Loops) DS3/LT3	MUJ++, UOB++, UOR++	CXCEX	
13	MI	UNBUNDLED EXCHANGE ACCESS LOOP	Cross Connects (for Loops) DS3 C.O. Cross-Connect to Collocation	MUJ++, UOB++, UOR++	CXCBX	
13	MI	UNBUNDLED DEDICATED TRANSPORT	DS1 Interoffice Mileage Per Point of Termination Zone 1	UB5++, EE7MX, UK1++	CZ4X1	1
13	MI	UNBUNDLED DEDICATED TRANSPORT	DS1 Interoffice Mileage Per Point of Termination Zone 2	UB5++, EE7MX, UK1++	CZ4X2	2
13	MI	UNBUNDLED DEDICATED TRANSPORT	DS1 Interoffice Mileage Per Point of Termination Zone 3	UB5++, EE7MX, UK1++	CZ4X3	3
13	MI	UNBUNDLED DEDICATED TRANSPORT	DS1 Interoffice Mileage Per Point of Termination Interzone	UB5++, EE7MX, UK1++	CZ4XZ	I
13	MI	UNBUNDLED DEDICATED TRANSPORT	DS1 Interoffice Mileage Per Mile Zone 1	UB5++, EE7MX, UK1++	1YZX1	1
13	MI	UNBUNDLED DEDICATED TRANSPORT	DS1 Interoffice Mileage Per Mile Zone 2	UB5++, EE7MX, UK1++	1YZX2	2
13	MI	UNBUNDLED DEDICATED TRANSPORT	DS1 Interoffice Mileage Per Mile Zone 3	UB5++, EE7MX, UK1++	1YZX3	3
13	MI	UNBUNDLED DEDICATED TRANSPORT	DS1 Interoffice Mileage Per Mile Interzone	UB5++, EE7MX, UK1++	1YZXZ	I
13	MI	UNBUNDLED DEDICATED TRANSPORT	DS1 Clear Channel Capability - Per DS1 Circuit Arranged All Zones Connect	UB5++, EE7MX, UK1++	CLYX1	
13	MI	UNBUNDLED DEDICATED TRANSPORT	DS1 Clear Channel Capability - Per DS1 Circuit Arranged All Zones Connect	UB5++, EE7MX, UK1++	CLYX2	
13	MI	UNBUNDLED DEDICATED TRANSPORT	DS1 Clear Channel Capability - Per DS1 Circuit Arranged All Zones Connect	UB5++, EE7MX, UK1++	CLYX3	
13	MI	UNBUNDLED DEDICATED TRANSPORT	DS1 Clear Channel Capability - Per DS1 Circuit Arranged All Zones Disconnect			
13	MI	UNBUNDLED DEDICATED TRANSPORT	DS1 Interoffice NRC Connect Zone 1 per circuit	UB5++, EE7MX, UK1++	NKCU8	1
13	MI	UNBUNDLED DEDICATED TRANSPORT	DS1 Interoffice NRC (Connect + Disconnect) Connect Zone 2 per circuit	UB5++, EE7MX, UK1++	NKCU8	2
13	MI	UNBUNDLED DEDICATED TRANSPORT	DS1 Interoffice NRC Connect Zone 3 per circuit	UB5++, EE7MX, UK1++	NKCU8	3
13	MI	UNBUNDLED DEDICATED TRANSPORT	DS1 Interoffice NRC Disconnect Zone 1 per circuit	UB5++, EE7MX, UK1++	NKCU9	1
13	MI	UNBUNDLED DEDICATED TRANSPORT	DS1 Interoffice NRC Disconnect Zone 2 per circuit	UB5++, EE7MX, UK1++	NKCU9	2
13	MI	UNBUNDLED DEDICATED TRANSPORT	DS1 Interoffice NRC Disconnect Zone 3 per circuit	UB5++, EE7MX, UK1++	NKCU9	3
13	MI	UNBUNDLED DEDICATED TRANSPORT	DS1 Interoffice NRC UDT Installation and Rearrangement - Admin. Charge, Connect, Per Order	UB5++, EE7MX, UK1++	ORCMX	
13	MI	UNBUNDLED DEDICATED TRANSPORT	DS1 Interoffice NRC EELS Installation and Rearrangement - Admin. Charge, Disconnect, Per Order	UB5++, EE7MX, UK1++	NR9OT	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	MI	UNBUNDLED DEDICATED TRANSPORT	DS3 Interoffice Mileage Termination - Per Point of Termination Zone 1	UB5++, EE7NX, UK3++	CZ4W1	1
13	MI	UNBUNDLED DEDICATED TRANSPORT	DS3 Interoffice Mileage Termination - Per Point of Termination Zone 2	UB5++, EE7NX, UK3++	CZ4W2	2
13	MI	UNBUNDLED DEDICATED TRANSPORT	DS3 Interoffice Mileage Termination - Per Point of Termination Zone 3	UB5++, EE7NX, UK3++	CZ4W3	3
13	MI	UNBUNDLED DEDICATED TRANSPORT	DS3 Interoffice Mileage Termination - Per Point of Termination Interzone	UB5++, EE7NX, UK3++	CZ4WZ	I
13	MI	UNBUNDLED DEDICATED TRANSPORT	DS3 Interoffice Mileage - Per Mile Zone 1	UB5++, EE7NX, UK3++	1YZB1	1
13	MI	UNBUNDLED DEDICATED TRANSPORT	DS3 Interoffice Mileage - Per Mile Zone 2	UB5++, EE7NX, UK3++	1YZB2	2
13	MI	UNBUNDLED DEDICATED TRANSPORT	DS3 Interoffice Mileage - Per Mile Zone 3	UB5++, EE7NX, UK3++	1YZB3	3
13	MI	UNBUNDLED DEDICATED TRANSPORT	DS3 Interoffice Mileage - Per Mile Interzone	UB5++, EE7NX, UK3++	1YZBZ	I
13	MI	UNBUNDLED DEDICATED TRANSPORT	DS3 Interoffice NRC (Connect + Disconnect)Connect Zone 1 per circuit	UB5++, EE7NX, UK3++	NKCUE	1
13	MI	UNBUNDLED DEDICATED TRANSPORT	DS3 Interoffice NRC (Connect + Disconnect)Connect Zone 2 per circuit	UB5++, EE7NX, UK3++	NKCUE	2
13	MI	UNBUNDLED DEDICATED TRANSPORT	DS3 Interoffice NRC (Connect + Disconnect) Connect Zone 3 per circuit	UB5++, EE7NX, UK3++	NKCUE	3
13	MI	UNBUNDLED DEDICATED TRANSPORT	DS3 Interoffice NRC Disconnect Zone 1 per circuit	UB5++, EE7NX, UK3++	NKCUF	1
13	MI	UNBUNDLED DEDICATED TRANSPORT	DS3 Interoffice NRC Disconnect Zone 2 per circuit	UB5++, EE7NX, UK3++	NKCUF	2
13	MI	UNBUNDLED DEDICATED TRANSPORT	DS3 Interoffice NRC Disconnect Zone 3 per circuit	UB5++, EE7NX, UK3++	NKCUF	3
13	MI	UNBUNDLED DEDICATED TRANSPORT	DS3 Installation and Rearrangement - Admin. Charge, Connect, Per Order	UB5++, EE7NX, UK3++	ORCMX	
13	MI	UNBUNDLED DEDICATED TRANSPORT	DS3 Interoffice NRC DS3 Installation and Rearrangement - Admin. Charge, Disconnect, Per Order	UB5++, EE7NX, UK3++	NRBCL	
13	MI	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS1 to Voice Grade All Zones, Per Arrangement	UB5++, UK1++	QMVX1	
13	MI	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS1 to Voice Grade All Zones, Per Arrangement	UB5++, UK1++	QMVX2	
13	MI	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS1 to Voice Grade All Zones, Per Arrangement	UB5++, UK1++	QMVX3	
13	MI	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS3 to DS1 All Zones, Per Arrangement	UB5++, UK3++	QM3X1	
13	MI	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS3 to DS1 All Zones, Per Arrangement	UB5++, UK3++	QM3X2	
13	MI	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS3 to DS1 All Zones, Per Arrangement	UB5++, UK3++	QM3X3	
13	MI	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Cross Connects DS1	UB5++, EE7MX, UK1++	CXCDX	
13	MI	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Cross Connects DS3	UB5++, EE7NX, UK3++	CXCEX	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	MI	UNBUNDLED EXCHANGE ACCESS LOOP	Cancellation or Change Service Charge, per Last Critical Date Reached DS1 Service Order Portion to be applied to each critical date below	UB5++, EE7MX, UK1++	NKCUL	
13	MI	UNBUNDLED EXCHANGE ACCESS LOOP	Cancellation or Change Service Charge, per Last Critical Date Reached DS1 Design Lay Out Report Date	UB5++, EE7MX, UK1++	NR95W	
13	MI	UNBUNDLED EXCHANGE ACCESS LOOP	Cancellation or Change Service Charge, per Last Critical Date Reached DS1 Records Issue Date	UB5++, EE7MX, UK1++	NR95X	
13	MI	UNBUNDLED EXCHANGE ACCESS LOOP	Cancellation or Change Service Charge, per Last Critical Date Reached DS1 Designed Verified and Assigned Date	UB5++, EE7MX, UK1++	NR95Y	
13	MI	UNBUNDLED EXCHANGE ACCESS LOOP	Cancellation or Change Service Charge, per Last Critical Date Reached DS1 Plant Test Date	UB5++, EE7MX, UK1++	NR95Z	
13	MI	UNBUNDLED EXCHANGE ACCESS LOOP	Cancellation or Change Service Charge, per Last Critical Date Reached DS1 Service Order Portion to be applied to each critical date below	UB5++, EE7NX, UK3++	NKCUM	
13	MI	UNBUNDLED EXCHANGE ACCESS LOOP	Cancellation or Change Service Charge, per Last Critical Date Reached DS1 Design Lay Out Report Date	UB5++, EE7NX, UK3++	NR951	
13	MI	UNBUNDLED EXCHANGE ACCESS LOOP	Cancellation or Change Service Charge, per Last Critical Date Reached DS1 Records Issue Date	UB5++, EE7NX, UK3++	NR952	
13	MI	UNBUNDLED EXCHANGE ACCESS LOOP	Cancellation or Change Service Charge, per Last Critical Date Reached DS1 Designed Verified and Assigned Date	UB5++, EE7NX, UK3++	NR953	
13	MI	UNBUNDLED EXCHANGE ACCESS LOOP	Cancellation or Change Service Charge, per Last Critical Date Reached DS1 Plant Test Date	UB5++, EE7NX, UK3++	NR954	
13	MI	UNBUNDLED EXCHANGE ACCESS LOOP	Due Date Change Charge Per Order or Occasion DS1	UB5++, EE7MX, UK1++	NR957	
13	MI	UNBUNDLED EXCHANGE ACCESS LOOP	Due Date Change Charge Per Order or Occasion DS3	UB5++, EE7NX, UK3++	NR958	
13	MI	UNBUNDLED EXCHANGE ACCESS LOOP	Special Access to UNE Conversion Channelized DS1 without mileage design and coordination	UB5++, EE7MX, UK1++, MUJ++	NKCUU	
13	MI	UNBUNDLED EXCHANGE ACCESS LOOP	Special Access to UNE Conversion Channelized DS1 - Design and Coordination (with Mileage)	UB5++, EE7MX, UK1++, MUJ++	NKCUU	
13	MI	UNBUNDLED EXCHANGE ACCESS LOOP	Special Access to UNE Conversion Non-channelized DS1 without mileage design and coordination	UB5++, EE7MX, UK1++, MUJ++	NKCUR	
13	MI	UNBUNDLED EXCHANGE ACCESS LOOP	Special Access to UNE Conversion Non-channelized DS1 facility with mileage design and coordination	UB5++, EE7MX, UK1++, MUJ++	NKCUR	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	MI	UNBUNDLED EXCHANGE ACCESS LOOP	Special Access to UNE Conversion Channelized DS3 with mileage design and coordination	UB5++, EE7NX, UK3++, MUJ++	NKCUO	
13	MI	UNBUNDLED EXCHANGE ACCESS LOOP	Special Access to UNE Conversion Non-channelized DS3 facility with mileage design and coordination	UB5++, EE7NX, UK3++, MUJ++	NKCUQ	
13	MI	UNBUNDLED EXCHANGE ACCESS LOOP	Special Access to UNE Conversion Non-Channelized DS3 Design and Coordination without mileage	UB5++, EE7NX, UK3++, MUJ++	NKCUQ	
13	MI	UNBUNDLED EXCHANGE ACCESS LOOP	Special Access to UNE Conversion Channelized DS3 without mileage design and coordination	UB5++, EE7NX, UK3++, MUJ++	NKCUT	
13	MI	UNBUNDLED EXCHANGE ACCESS LOOP	Special Access to UNE Conversion Project administration charge per service order	UB5++, EE7NX, UK3++, MUJ++	NKCUY	
13	MI	UNBUNDLED DEDICATED TRANSPORT	Dark Fiber Interoffice Termination (Per Termination per Fiber)		ULYCX	
13	MI	UNBUNDLED DEDICATED TRANSPORT	Dark Fiber Interoffice Mileage (Per Fiber per Foot)		ULNCF	
13	MI	UNBUNDLED DEDICATED TRANSPORT	Dark Fiber Interoffice Cross Connect (Per Termination per Fiber)		UKCJX	
13	MI	UNBUNDLED DEDICATED TRANSPORT	Dark Fiber Inquiry (Per Request) 'Dark Fiber Interoffice Transport - NRC		NR9D6	
13	MI	UNBUNDLED DEDICATED TRANSPORT	Dark Fiber Inquiry (Per Request) Interoffice inquiry (Service Order) Charge, per request		NKCUN	
13	MI	UNBUNDLED DEDICATED TRANSPORT	Dark Fiber Installation 'Administrative per Order		NRB51	
13	MI	UNBUNDLED DEDICATED TRANSPORT	Dark Fiber Installation Dark Fiber Interoffice Transport - NRC		NRB54	
13	MI	UNBUNDLED DEDICATED TRANSPORT	Dark Fiber Disconnect 'Administrative per Order		NR9H2	
13	MI	UNBUNDLED DEDICATED TRANSPORT	Dark Fiber Disconnect 'Dark Fiber Interoffice Transport - NRC		NR9H5	
13	MI	ROUTINE MODIFICATION	Routine Modifications of Existing Facilities Charge	MUJ++, UOB++, UOR++, UB5++, EE7MX, EE7NX, UK3++, UK1++	N3RUE	
7	MI	OPERATIONS SUPPORT SYSTEM	Maintenance of Service Charge	MUJ++, UOB++, UOR++, UB5++, EE7JX, EE7KX, EE7LX, EE7MX, EE7NX, UK3++, UK1++	VRP	
13MR-SL	MI	OPERATIONS SUPPORT SYSTEM	Sub-Loops - Maintenance of Service Charge	XHG++, XGG++, XHK++, XGK++, XHW++, XGW++, XHY++, XGY++, XHQ++, XGQ++, XQ1++, XQ3++	VRP	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	MO	UNBUNDLED EXCHANGE ACCESS LOOP	Disconnect Loop from inside wiring, per NID		NRBND	
13	MO	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Loop - Zone 1 (Urban STL, KC)		U21	1
13	MO	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Loop - Zone 2 (Suburban)		U21	2
13	MO	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Loop - Zone 3 (Rural)		U21	3
13	MO	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Loop - Zone 4 (Urban Springfield)		U21	4
13	MO	UNBUNDLED EXCHANGE ACCESS LOOP	Loop Conditioning for dB loss from 8db to 5db		UL2	
13	MO	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Loop - Zone 1 (Urban STL, KC)		U4H	1
13	MO	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Loop - Zone 2 (Suburban)		U4H	2
13	MO	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Loop - Zone 3 (Rural)		U4H	3
13	MO	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Loop - Zone 4 (Urban Springfield)		U4H	4
13	MO	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Digital Loop - Zone 1 (Urban STL, KC)		U2Q	1
13	MO	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Digital Loop - Zone 2 (Suburban)		U2Q	2
13	MO	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Digital Loop - Zone 3 (Rural)		U2Q	3
13	MO	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Digital Loop - Zone 4 (Urban Springfield)		U2Q	4
13	MO	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Digital Loop - Zone 1 (Urban STL, KC)		U4D1X	1
13	MO	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Digital Loop - Zone 2 (Suburban)		U4D1X	2
13	MO	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Digital Loop - Zone 3 (Rural)		U4D1X	3
13	MO	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Digital Loop - Zone 4 (Urban Springfield)		U4D1X	4
13	MO	UNBUNDLED EXCHANGE ACCESS LOOP	DS3 Loop - Zone 1 (Urban STL, KS)		U4D3X	1
13	MO	UNBUNDLED EXCHANGE ACCESS LOOP	DS3 Loop - Zone 2 (Suburban)		U4D3X	2
13	MO	UNBUNDLED EXCHANGE ACCESS LOOP	DS3 Loop - Zone 3 (Rural)		U4D3X	3
13	MO	UNBUNDLED EXCHANGE ACCESS LOOP	DS3 Loop - Zone 4 (Urban Springfield)		U4D3X	4
13	MO	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Loop Cross Connect to Collocation	LU1	UCXC2	
13	MO	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Loop Cross Connect to Collocation (without testing)	LU1	UCXD2	
13	MO	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Loop Cross Connect to Collocation	LU1	UCXC4	
13	MO	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Loop Cross Connect to Collocation (without testing)	LU1	UCXD4	
13	MO	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Digital Loop Cross Connect to Collocation	LU1	DXZLD	
13	MO	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Digital Loop Cross Connect to Collocation (without testing)	LU1	DXZLJ	
13	MO	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Digital Loop (DS1 Loop Cross-Connect)	LU1	UCXHX	
13	MO	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Digital Loop (DS1 Loop Cross-Connect) -without testing	LU1	UDLD4	
13	MO	UNBUNDLED EXCHANGE ACCESS LOOP	DS1 Loop Cross Connect to Multiplexer with testing (EEL)	EE7MX	DXZLF	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	MO	UNBUNDLED EXCHANGE ACCESS LOOP	DS1 Loop Cross Connect to Multiplexer (EEL)- Disconnect	EE7MX	NKCTD	
13	MO	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Cross Connect to Mux (EEL)		UCXM2	
13	MO	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Cross Connect to Mux (EEL)		UCXM4	
13	MO	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Digital Loop Cross Connect to Mux (EEL)		UCXS2	
13	MO	UNBUNDLED EXCHANGE ACCESS LOOP	DS3 C.O. Cross Connect to Collocation		UCXBX	
14	MO	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #1 - 2-Wire xDSL Loop - Zone 1 (Urban STL, KS)		2SLAX	1
14	MO	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #1 - 2-Wire xDSL Loop - Zone 2 (Suburban)		2SLAX	2
14	MO	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #1 - 2-Wire xDSL Loop - Zone 3 (Rural)		2SLAX	3
14	MO	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #1 - 2-Wire xDSL Loop - Zone 4 (Urban Springfield)		2SLAX	4
14	MO	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #2 - 2-Wire xDSL Loop - Zone 1 (Urban STL, KS)		2SLCX	1
14	MO	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #2 - 2-Wire xDSL Loop - Zone 2 (Suburban)		2SLCX	2
14	MO	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #2 - 2-Wire xDSL Loop - Zone 3 (Rural)		2SLCX	3
14	MO	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #2 - 2-Wire xDSL Loop - Zone 4 (Urban Springfield)		2SLCX	4
14	MO	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #3 - 2-Wire xDSL Loop - Zone 1 (Urban STL, KS)		2SLBX	1
14	MO	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #3 - 2-Wire xDSL Loop - Zone 2 (Suburban)		2SLBX	2
14	MO	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #3 - 2-Wire xDSL Loop - Zone 3 (Rural)		2SLBX	3
14	MO	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #3 - 2-Wire xDSL Loop - Zone 4 (Urban Springfield)		2SLBX	4
14	MO	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #4 - 2-Wire xDSL Loop - Zone 1 (Urban STL, KS)		2SLDX	1
14	MO	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #4 - 2-Wire xDSL Loop - Zone 2 (Suburban)		2SLDX	2
14	MO	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #4 - 2-Wire xDSL Loop - Zone 3 (Rural)		2SLDX	3
14	MO	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #4 - 2-Wire xDSL Loop - Zone 4 (Urban Springfield)		2SLDX	4
14	MO	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #5 - 2-Wire xDSL Loop - Zone 1 (Urban STL, KS)		U2F	1
14	MO	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #5 - 2-Wire xDSL Loop - Zone 2 (Suburban)		U2F	2
14	MO	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #5 - 2-Wire xDSL Loop - Zone 3 (Rural)		U2F	3
14	MO	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #5 - 2-Wire xDSL Loop - Zone 4 (Urban Springfield)		U2F	4
14	MO	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #7 - 2-Wire xDSL Loop - Zone 1 (Urban STL, KS)		2SLFX	1
14	MO	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #7 - 2-Wire xDSL Loop - Zone 2 (Suburban)		2SLFX	2
14	MO	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #7 - 2-Wire xDSL Loop - Zone 3 (Rural)		2SLFX	3
14	MO	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #7 - 2-Wire xDSL Loop - Zone 4 (Urban Springfield)		2SLFX	4
14	MO	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #3 - 4-Wire xDSL Loop - Zone 1 (Urban STL, KS)		4SL1X	1

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
14	MO	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #3 - 4-Wire xDSL Loop - Zone 2 (Suburban)		4SL1X	2
14	MO	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #3 - 4-Wire xDSL Loop - Zone 3 (Rural)		4SL1X	3
14	MO	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #3 - 4-Wire xDSL Loop - Zone 4 (Urban Springfield)		4SL1X	4
13	MO	UNBUNDLED EXCHANGE ACCESS LOOP	IDSL Capable Loop - Zone 1 (Rural)		UY5FX	1
13	MO	UNBUNDLED EXCHANGE ACCESS LOOP	IDSL Capable Loop - Zone 2 (Suburban)		UY5FX	2
13	MO	UNBUNDLED EXCHANGE ACCESS LOOP	IDSL Capable Loop - Zone 3 (Urban)		UY5FX	3
13	MO	UNBUNDLED EXCHANGE ACCESS LOOP	IDSL Capable Loop - Zone 4 (Urban Springfield)		UY5FX	4
14	MO	LOOP MAKE-UP	Loop Qualification Process - Mechanized		NR98U	
14	MO	LOOP MAKE-UP	Loop Qualification Process - Manual		NRBXU	
14	MO	LOOP MODIFICATION	DSL Conditioning - Removal of Repeaters		NRBXV	
14	MO	LOOP MODIFICATION	DSL Conditioning - Incremental Removal of Repeater (> than 17.5 Kft.same location/same cable)		NRBNL	
14	MO	LOOP MODIFICATION	DSL Conditioning - Incremental Additional Removal of Repeater (> than 17.5 Kft.same location/different cable)		NRBNP	
14	MO	LOOP MODIFICATION	DSL Conditioning - Removal of Excessive Bridged Taps and Repeaters		NRBXH	
14	MO	LOOP MODIFICATION	DSL Conditioning - Incremental Removal of Excessive Bridged Taps and Repeaters (>than 17.5K same location/same cable)		NRBTV	
14	MO	LOOP MODIFICATION	DSL Conditioning - Incremental Additional Removal of Excessive Bridged Taps and Repeaters (>than 17.5K same location/different cable)		NRBTW	
14	MO	LOOP MODIFICATION	DSL Conditioning - Removal of Excessive Bridged Taps		NRBXW	
14	MO	LOOP MODIFICATION	DSL Conditioning - Incremental Removal of Excessive Bridged Tap (> than 17.5 Kft.same location/same cable)		NRBNK	
14	MO	LOOP MODIFICATION	DSL Conditioning - Incremental Additional Removal of Excessive Bridged Tap (> than 17.5 Kft.same location/different cable)		NRBNN	
14	MO	LOOP MODIFICATION	DSL Conditioning - Removal of Excessive Bridged Taps and Load Coils		NRBXF	
14	MO	LOOP MODIFICATION	DSL Conditioning - Incremental Removal of Load Coil & Excessive Bridge Tap (> than 17.5 Kft.same location/same Cable)		NRBM8	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
14	MO	LOOP MODIFICATION	DSL Conditioning - Incremental Additional Removal of Load Coil & Excessive Bridge Tap (> than 17.5 Kft.same location/different Cable)		NRBM9	
14	MO	LOOP MODIFICATION	DSL Conditioning - Removal of Load Coils		NRBXZ	
14	MO	LOOP MODIFICATION	DSL Conditioning - Incremental Removal of Load Coil (> than 17.5 Kft.same location/same Cable)		NRBNJ	
14	MO	LOOP MODIFICATION	DSL Conditioning - Incremental Additional Removal of Load Coil (> than 17.5 Kft.same location/different Cable)		NRBNH	
14	MO	LOOP MODIFICATION	RABT - MMP - Removal of non-excessive bridged tap DSL loops >0Kft. And <17.5Kft.		NRMRJ	
14	MO	LOOP MODIFICATION	RABT - MMP - Removal of All Bridged Tap DSL Loops 12Kft. To 17.5Kft.		NRMRP	
14	MO	LOOP MODIFICATION	RABT - MMP - Removal of non-excessive bridged tap DSL loops >17.5Kft DSL Loops - per element incremental		NRMRS	
14	MO	LOOP MODIFICATION	RABT - MMP - Removal of All Bridged Tap DSL loops >17.5Kft. - per element incremental		NRMRM	
14	MO	LOOP MODIFICATION	DSL Shielded Loop Cross Connect to Collocation		UXRRX	
14	MO	LOOP MODIFICATION	2-Wire DSL Non-Shielded Cross Connect to Collocation		UCX92	
14	MO	LOOP MODIFICATION	4-Wire DSL Non-Shielded Cross Connect to Collocation		UCX94	
14	MO	LOOP MODIFICATION	LST performed on CODSLAM Loop		URCLD	
13MR-SL	MO	SUB-LOOPS	LST performed on Sub Loop		URCLB	
13MR-SL	MO	SUB-LOOPS	ECS to SAI Subloop Charge 2-Wire Analog Zone 1 (Urban STL, KS)		U6LAP	1
13MR-SL	MO	SUB-LOOPS	ECS to SAI Subloop Charge 2-Wire Analog Zone 2 (Suburban)		U6LAP	2
13MR-SL	MO	SUB-LOOPS	ECS to SAI Subloop Charge 2-Wire Analog Zone 3 (Rural)		U6LAP	3
13MR-SL	MO	SUB-LOOPS	ECS to SAI Subloop Charge 2-Wire Analog Zone 4 (Urban Springfield)		U6LAP	4
13MR-SL	MO	SUB-LOOPS	ECS to Terminal Subloop Charge 2-Wire Analog Zone 1 (Urban STL, KC)		U6LAQ	1
13MR-SL	MO	SUB-LOOPS	ECS to Terminal Subloop Charge 2-Wire Analog Zone 2 (Suburban)		U6LAQ	2
13MR-SL	MO	SUB-LOOPS	ECS to Terminal Subloop Charge 2-Wire Analog Zone 3 (Rural)		U6LAQ	3

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13MR-SL	MO	SUB-LOOPS	ECS to Terminal Subloop Charge 2-Wire Analog Zone 4 (Urban Springfield)		U6LAQ	4
13MR-SL	MO	SUB-LOOPS	ECS to NID Subloop Charge 2-Wire Analog Zone 1 (Urban STL, KC)		U6LAR	1
13MR-SL	MO	SUB-LOOPS	ECS to NID Subloop Charge 2-Wire Analog Zone 2 (Suburban)		U6LAR	2
13MR-SL	MO	SUB-LOOPS	ECS to NID Subloop Charge 2-Wire Analog Zone 3 (Rural)		U6LAR	3
13MR-SL	MO	SUB-LOOPS	ECS to NID Subloop Charge 2-Wire Analog Zone 4 (Urban Springfield)		U6LAR	4
13MR-SL	MO	SUB-LOOPS	SAI to Terminal Subloop Charge 2-Wire Analog Zone 1 (Urban STL, KC)		U6LAS	1
13MR-SL	MO	SUB-LOOPS	SAI to Terminal Subloop Charge 2-Wire Analog Zone 2 (Suburban)		U6LAS	2
13MR-SL	MO	SUB-LOOPS	SAI to Terminal Subloop Charge 2-Wire Analog Zone 3 (Rural)		U6LAS	3
13MR-SL	MO	SUB-LOOPS	SAI to Terminal Subloop Charge 2-Wire Analog Zone 4 (Urban Springfield)		U6LAS	4
13MR-SL	MO	SUB-LOOPS	SAI to NID Subloop Charge 2-Wire Analog Zone 1 (Urban STL, KC)		U6LAT	1
13MR-SL	MO	SUB-LOOPS	SAI to NID Subloop Charge 2-Wire Analog Zone 2 (Suburban)		U6LAT	2
13MR-SL	MO	SUB-LOOPS	SAI to NID Subloop Charge 2-Wire Analog Zone 3 (Rural)		U6LAT	3
13MR-SL	MO	SUB-LOOPS	SAI to NID Subloop Charge 2-Wire Analog Zone 4 (Urban Springfield)		U6LAT	4
13MR-SL	MO	SUB-LOOPS	Terminal to NID Subloop Charge 2-Wire Analog Zone 1 (Urban STL, KC)		U6LAU	1
13MR-SL	MO	SUB-LOOPS	Terminal to NID Subloop Charge 2-Wire Analog Zone 2 (Suburban)		U6LAU	2
13MR-SL	MO	SUB-LOOPS	Terminal to NID Subloop Charge 2-Wire Analog Zone 3 (Rural)		U6LAU	3
13MR-SL	MO	SUB-LOOPS	Terminal to NID Subloop Charge 2-Wire Analog Zone 4 (Urban Springfield)		U6LAU	4
13MR-SL	MO	SUB-LOOPS	ECS to SAI Subloop Charge 4-Wire Analog Zone 1 (Urban STL, KC)		U6LEP	1

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13MR-SL	MO	SUB-LOOPS	ECS to SAI Subloop Charge 4-Wire Analog Zone 2 (Suburban)		U6LEP	2
13MR-SL	MO	SUB-LOOPS	ECS to SAI Subloop Charge 4-Wire Analog Zone 3 (Rural)		U6LEP	3
13MR-SL	MO	SUB-LOOPS	ECS to SAI Subloop Charge 4-Wire Analog Zone 4 (Urban Springfield)		U6LEP	4
13MR-SL	MO	SUB-LOOPS	ECS to Terminal Subloop Charge 4-Wire Analog Zone 1 (Urban STL, KC)		U6LEQ	1
13MR-SL	MO	SUB-LOOPS	ECS to Terminal Subloop Charge 4-Wire Analog Zone 2 (Suburban)		U6LEQ	2
13MR-SL	MO	SUB-LOOPS	ECS to Terminal Subloop Charge 4-Wire Analog Zone 3 (Rural)		U6LEQ	3
13MR-SL	MO	SUB-LOOPS	ECS to Terminal Subloop Charge 4-Wire Analog Zone 4 (Urban Springfield)		U6LEQ	4
13MR-SL	MO	SUB-LOOPS	ECS to NID Subloop Charge 4-Wire Analog Zone 1 (Urban STL, KC)		U6LER	1
13MR-SL	MO	SUB-LOOPS	ECS to NID Subloop Charge 4-Wire Analog Zone 2 (Suburban)		U6LER	2
13MR-SL	MO	SUB-LOOPS	ECS to NID Subloop Charge 4-Wire Analog Zone 3 (Rural)		U6LER	3
13MR-SL	MO	SUB-LOOPS	ECS to NID Subloop Charge 4-Wire Analog Zone 4 (Urban Springfield)		U6LER	4
13MR-SL	MO	SUB-LOOPS	SAI to Terminal Subloop Charge 4-Wire Analog Zone 1 (Urban STL, KC)		U6LES	1
13MR-SL	MO	SUB-LOOPS	SAI to Terminal Subloop Charge 4-Wire Analog Zone 2 (Suburban)		U6LES	2
13MR-SL	MO	SUB-LOOPS	SAI to Terminal Subloop Charge 4-Wire Analog Zone 3 (Rural)		U6LES	3
13MR-SL	MO	SUB-LOOPS	SAI to Terminal Subloop Charge 4-Wire Analog Zone 4 (Urban Springfield)		U6LES	4
13MR-SL	MO	SUB-LOOPS	SAI to NID Subloop Charge 4-Wire Analog Zone 1 (Urban STL, KC)		U6LET	1
13MR-SL	MO	SUB-LOOPS	SAI to NID Subloop Charge 4-Wire Analog Zone 2 (Suburban)		U6LET	2
13MR-SL	MO	SUB-LOOPS	SAI to NID Subloop Charge 4-Wire Analog Zone 3 (Rural)		U6LET	3

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13MR-SL	MO	SUB-LOOPS	SAI to NID Subloop Charge 4-Wire Analog Zone 4 (Urban Springfield)		U6LET	4
13MR-SL	MO	SUB-LOOPS	Terminal to NID Subloop Charge 4-Wire Analog Zone 1 (Urban STL, KC)		U6LEU	1
13MR-SL	MO	SUB-LOOPS	Terminal to NID Subloop Charge 4-Wire Analog Zone 2 (Suburban)		U6LEU	2
13MR-SL	MO	SUB-LOOPS	Terminal to NID Subloop Charge 4-Wire Analog Zone 3 (Rural)		U6LEU	3
13MR-SL	MO	SUB-LOOPS	Terminal to NID Subloop Charge 4-Wire Analog Zone 4 (Urban Springfield)		U6LEU	4
13MR-SL	MO	SUB-LOOPS	ECS to SAI Subloop Charge-2-Wire DSL Zone 1 (Urban STL, KC)		U6LCP	1
13MR-SL	MO	SUB-LOOPS	ECS to SAI Subloop Charge 2-Wire DSL Zone 2 (Suburban)		U6LCP	2
13MR-SL	MO	SUB-LOOPS	ECS to SAI Subloop Charge 2-Wire DSL Zone 3 (Rural)		U6LCP	3
13MR-SL	MO	SUB-LOOPS	ECS to SAI Subloop Charge 2-Wire DSL Zone 4 (Urban Springfield)		U6LCP	4
13MR-SL	MO	SUB-LOOPS	ECS to Terminal Subloop Charge 2-Wire DSL Zone 1 (Urban STL, KC)		U6LCQ	1
13MR-SL	MO	SUB-LOOPS	ECS to Terminal Subloop Charge 2-Wire DSL Zone 2 (Suburban)		U6LCQ	2
13MR-SL	MO	SUB-LOOPS	ECS to Terminal Subloop Charge 2-Wire DSL Zone 3 (Rural)		U6LCQ	3
13MR-SL	MO	SUB-LOOPS	ECS to Terminal Subloop Charge 2-Wire DSL Zone 4 (Urban Springfield)		U6LCQ	4
13MR-SL	MO	SUB-LOOPS	ECS to NID Subloop Charge-2-Wire DSL Zone 1 (Urban STL, KC)		U6LCR	1
13MR-SL	MO	SUB-LOOPS	ECS to NID Subloop Charge-2-Wire DSL Zone 2 (Suburban)		U6LCR	2
13MR-SL	MO	SUB-LOOPS	ECS to NID Subloop Charge 2-Wire DSL Zone 3 (Rural)		U6LCR	3
13MR-SL	MO	SUB-LOOPS	ECS to NID Subloop Charge 2-Wire DSL Zone 4 (Urban Springfield)		U6LCR	4
13MR-SL	MO	SUB-LOOPS	SAI to Terminal Subloop Charge 2-Wire DSL Zone 1 (Urban STL, KC)		U6LCS	1

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13MR-SL	MO	SUB-LOOPS	SAI to Terminal Subloop Charge 2-Wire DSL Zone 2 (Suburban)		U6LCS	2
13MR-SL	MO	SUB-LOOPS	SAI to Terminal Subloop Charge 2-Wire DSL Zone 3 (Rural)		U6LCS	3
13MR-SL	MO	SUB-LOOPS	SAI to Terminal Subloop Charge 2-Wire DSL Zone 4 (Urban Springfield)		U6LCS	4
13MR-SL	MO	SUB-LOOPS	SAI to NID Subloop Charge 2-Wire DSL Zone 1 (Urban STL, KC)		U6LCT	1
13MR-SL	MO	SUB-LOOPS	SAI to NID Subloop Charge 2-Wire DSL Zone 2 (Suburban)		U6LCT	2
13MR-SL	MO	SUB-LOOPS	SAI to NID Subloop Charge 2-Wire DSL Zone 3 (Rural)		U6LCT	3
13MR-SL	MO	SUB-LOOPS	SAI to NID Subloop Charge 2-Wire DSL Zone 4 (Urban Springfield)		U6LCT	4
13MR-SL	MO	SUB-LOOPS	Terminal to NID Subloop Charge 2-Wire DSL Zone 1 (Urban STL, KC)		U6LCU	1
13MR-SL	MO	SUB-LOOPS	Terminal to NID Subloop Charge 2-Wire DSL Zone 2 (Suburban)		U6LCU	2
13MR-SL	MO	SUB-LOOPS	Terminal to NID Subloop Charge 2-Wire DSL Zone 3 (Rural)		U6LCU	3
13MR-SL	MO	SUB-LOOPS	Terminal to NID Subloop Charge 2-Wire DSL Zone 4 (Urban Springfield)		U6LCU	4
13MR-SL	MO	SUB-LOOPS	ECS to SAI Subloop Charge 4-Wire DSL Zone 1 (Urban STL, KC)		U6LGP	1
13MR-SL	MO	SUB-LOOPS	ECS to SAI Subloop Charge 4-Wire DSL Zone 2 (Suburban)		U6LGP	2
13MR-SL	MO	SUB-LOOPS	ECS to SAI Subloop Charge 4-Wire DSL Zone 3 (Rural)		U6LGP	3
13MR-SL	MO	SUB-LOOPS	ECS to SAI Subloop Charge 4-Wire DSL Zone 4 (Urban Springfield)		U6LGP	4
13MR-SL	MO	SUB-LOOPS	ECS to Terminal Subloop Charge 4-Wire DSL Zone 1 (Urban STL, KC)		U6LGQ	1
13MR-SL	MO	SUB-LOOPS	ECS to Terminal Subloop Charge 4-Wire DSL Zone 2 (Suburban)		U6LGQ	2
13MR-SL	MO	SUB-LOOPS	ECS to Terminal Subloop Charge 4-Wire DSL Zone 3 (Rural)		U6LGQ	3
13MR-SL	MO	SUB-LOOPS	ECS to Terminal Subloop Charge 4-Wire DSL Zone 4 (Urban Springfield)		U6LGQ	4

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13MR-SL	MO	SUB-LOOPS	ECS to NID Subloop Charge 4-Wire DSL Zone 1 (Urban STL, KC)		U6LGR	1
13MR-SL	MO	SUB-LOOPS	ECS to NID Subloop Charge 4-Wire DSL Zone 2 (Suburban)		U6LGR	2
13MR-SL	MO	SUB-LOOPS	ECS to NID Subloop Charge 4-Wire DSL Zone 3 (Rural)		U6LGR	3
13MR-SL	MO	SUB-LOOPS	ECS to NID Subloop Charge 4-Wire DSL Zone 4 (Urban Springfield)		U6LGR	4
13MR-SL	MO	SUB-LOOPS	SAI to Terminal Subloop Charge 4-Wire DSL Zone 1 (Urban STL, KC)		U6LGS	1
13MR-SL	MO	SUB-LOOPS	SAI to Terminal Subloop Charge 4-Wire DSL Zone 2 (Suburban)		U6LGS	2
13MR-SL	MO	SUB-LOOPS	SAI to Terminal Subloop Charge 4-Wire DSL Zone 3 (Rural)		U6LGS	3
13MR-SL	MO	SUB-LOOPS	SAI to Terminal Subloop Charge 4-Wire DSL Zone 4 (Urban Springfield)		U6LGS	4
13MR-SL	MO	SUB-LOOPS	SAI to NID Subloop Charge 4-Wire DSL Zone 1 (Urban STL, KC)		U6LGT	1
13MR-SL	MO	SUB-LOOPS	SAI to NID Subloop Charge 4-Wire DSL Zone 2 (Suburban)		U6LGT	2
13MR-SL	MO	SUB-LOOPS	SAI to NID Subloop Charge 4-Wire DSL Zone 3 (Rural)		U6LGT	3
13MR-SL	MO	SUB-LOOPS	SAI to NID Subloop Charge 4-Wire DSL Zone 4 (Urban Springfield)		U6LGT	4
13MR-SL	MO	SUB-LOOPS	Terminal to NID Subloop Charge 4-Wire DSL Zone 1 (Urban STL, KC)		U6LGU	1
13MR-SL	MO	SUB-LOOPS	Terminal to NID Subloop Charge 4-Wire DSL Zone 2 (Suburban)		U6LGU	2
13MR-SL	MO	SUB-LOOPS	Terminal to NID Subloop Charge 4-Wire DSL Zone 3 (Rural)		U6LGU	3
13MR-SL	MO	SUB-LOOPS	Terminal to NID Subloop Charge 4-Wire DSL Zone 4 (Urban Springfield)		U6LGU	4
13MR-SL	MO	SUB-LOOPS	Subloop Cross Connect 2-Wire Analog Non-Central Office Originating		UKCV2	1
13MR-SL	MO	SUB-LOOPS	Subloop Cross Connect 4-Wire Analog Non-Central Office Originating		UKCV4	2
13MR-SL	MO	SUB-LOOPS	Subloop Cross Connect 2-Wire DSL Non-Central Office Originating		UKCZ2	3

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13MR-SL	MO	SUB-LOOPS	Subloop Cross Connect 4-Wire DSL Non-Central Office Originating		UKCZ4	4
13	MO	UNBUNDLED DEDICATED TRANSPORT	2-Wire Analog Loop Cross Connect to POA - Method 1		UXRA1	1
13	MO	UNBUNDLED DEDICATED TRANSPORT	2-Wire Analog Loop Cross Connect to POA - Method 2		UXRA2	2
13	MO	UNBUNDLED DEDICATED TRANSPORT	2-Wire Analog Loop Cross Connect to POA - Method 3		UXRA3	3
13	MO	UNBUNDLED DEDICATED TRANSPORT	4-Wire Analog Loop Cross Connect to POA - Method 1		UXRB1	1
13	MO	UNBUNDLED DEDICATED TRANSPORT	4-Wire Analog Loop Cross Connect to POA - Method 2		UXRB2	2
13	MO	UNBUNDLED DEDICATED TRANSPORT	4-Wire Analog Loop Cross Connect to POA - Method 3		UXRB3	3
13	MO	UNBUNDLED DEDICATED TRANSPORT	2-Wire Digital Loop Cross Connect to POA - Method 1		UXRC1	1
13	MO	UNBUNDLED DEDICATED TRANSPORT	2-Wire Digital Loop Cross Connect to POA - Method 2		UXRC2	2
13	MO	UNBUNDLED DEDICATED TRANSPORT	2-Wire Digital Loop Cross Connect to POA - Method 3		UXRC3	3
13	MO	UNBUNDLED DEDICATED TRANSPORT	4-Wire Digital Loop Cross Connect to POA - Method 1		UXRD1	1
13	MO	UNBUNDLED DEDICATED TRANSPORT	4-Wire Digital Loop Cross Connect to POA - Method 2		UXRD2	2
13	MO	UNBUNDLED DEDICATED TRANSPORT	4-Wire Digital Loop Cross Connect to POA - Method 3		UXRD3	3
13	MO	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Cross Connect to POA: DS1 - Method 1		UXRQ1	1
13	MO	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Cross Connect to POA: DS1 - Method 2		UXRQ2	2
13	MO	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Cross Connect to POA: DS1 - Method 3		UXRQ3	3
13	MO	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Cross Connect to POA: DS3 - Method 1			1
13	MO	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Cross Connect to POA: DS3 - Method 2			2
13	MO	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Cross Connect to POA: DS3 - Method 3			3
13	MO	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, First Mile - Zone 1 (Urban STL, KC)		ULNHS	1
13	MO	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, First Mile - Zone 2 (Suburban)		ULNHS	2
13	MO	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, First Mile - Zone 3 (Rural)		ULNHS	3
13	MO	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, First Mile - Zone 4 (Urban Springfield)		ULNHS	4
13	MO	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, First Mile - Interzone		ULNHS	1
13	MO	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile - Zone 1 (Urban STL, KC)		ULNHS	1

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	MO	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile - Zone 2 (Suburban)		ULNHS	2
13	MO	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile - Zone 3 (Rural)		ULNHS	3
13	MO	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile - Zone 4 (Urban Springfield)		ULNHS	4
13	MO	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile - Interzone		ULNHS	1
13	MO	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, First Mile - Zone 1 (Urban STL, KC)		ULNJS	1
13	MO	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, First Mile - Zone 2 (Suburban)		ULNJS	2
13	MO	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, First Mile - Zone 3 (Rural)		ULNJS	3
13	MO	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, First Mile - Zone 4 (Urban Springfield)		ULNJS	4
13	MO	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, First Mile - Interzone		ULNJS	1
13	MO	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile - Zone 1 (Urban STL, KC)		ULNJS	1
13	MO	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile - Zone 2 (Suburban)		ULNJS	2
13	MO	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile - Zone 3 (Rural)		ULNJS	3
13	MO	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile - Zone 4 (Urban Springfield)		ULNJS	4
13	MO	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile - Interzone		ULNJS	1
13	MO	UNBUNDLED DEDICATED TRANSPORT	DT Cross Connect - DS1 to Collocation	UBNTX	DXZTA	
13	MO	UNBUNDLED DEDICATED TRANSPORT	DT Cross Connect - DS1 to Collocation - Disconnect	UBNTX	NKCTE	
13	MO	UNBUNDLED DEDICATED TRANSPORT	DT Cross Connect - DS3 to Collocation		UCXJX	
13	MO	UNBUNDLED DEDICATED TRANSPORT	DS1 to VG - Multiplexing		UM4BX	
13	MO	UNBUNDLED DEDICATED TRANSPORT	DS3 to DS1 - Multiplexing		UM4AX	
13	MO	UNBUNDLED DEDICATED TRANSPORT	Dark Fiber -Interoffice per strand		ULYCX	
13	MO	UNBUNDLED DEDICATED TRANSPORT	Dark Fiber - Interoffice per foot Zone 1(Urban STL, KS)		ULNCF	1
13	MO	UNBUNDLED DEDICATED TRANSPORT	Dark Fiber - Interoffice per foot Zone 2 (Suburban)		ULNCF	2
13	MO	UNBUNDLED DEDICATED TRANSPORT	Dark Fiber - Interoffice per foot Zone 3 (Rural)		ULNCF	3

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	MO	UNBUNDLED DEDICATED TRANSPORT	Dark Fiber - Interoffice per foot Zone 4 Urban (Springfield)		ULNCF	4
13	MO	UNBUNDLED DEDICATED TRANSPORT	Dark Fiber Cross Connect - Interoffice		UKCJX	I
13	MO	UNBUNDLED DEDICATED TRANSPORT	Dark Fiber - Interoffice Inquiry		NR9D6	
13	MO	UNBUNDLED EXCHANGE ACCESS LOOP	Routine Modifications of Existing Facilities		N3RUE	
7	MO	OPERATIONS SUPPORT SYSTEMS (OSS)	800 Database - Toll Free Database Query			
7	MO	OPERATIONS SUPPORT SYSTEMS (OSS)	800 Database - Call Handling and Destination			
13	MO	UNBUNDLED EXCHANGE ACCESS LOOP	Service Order Charge - Manual New - Complex		NRBUR	
13	MO	UNBUNDLED EXCHANGE ACCESS LOOP	Service Order Charge - Manual Change - Complex		NRBUP	
13	MO	UNBUNDLED EXCHANGE ACCESS LOOP	Service Order Charge - Manual Record - Complex		NRBUV	
13	MO	UNBUNDLED EXCHANGE ACCESS LOOP	Service Order Charge - Manual Disconnect - Complex		NRBUX	
13	MO	UNBUNDLED EXCHANGE ACCESS LOOP	Service Order Charge - Manual Expedited - Complex		NRMV2	
13	MO	UNBUNDLED EXCHANGE ACCESS LOOP	Service Order Charge - Manual Customer Not Ready - Complex		NRMV6	
13	MO	UNBUNDLED EXCHANGE ACCESS LOOP	Service Order Charge - Manual Due Date Change or Cancellation - Complex		NRMV4	
13	MO	UNBUNDLED EXCHANGE ACCESS LOOP	Service Order Charge - Electronic New - Complex		NRBAW	
13	MO	UNBUNDLED EXCHANGE ACCESS LOOP	Service Order Charge - Electronic Change - Complex		NR9G8	
13	MO	UNBUNDLED EXCHANGE ACCESS LOOP	Service Order Charge - Electronic Record - Simple		NR9GU	
13	MO	UNBUNDLED EXCHANGE ACCESS LOOP	Service Order Charge - Electronic Record - Complex		NR9G7	
13	MO	UNBUNDLED EXCHANGE ACCESS LOOP	Service Order Charge - Electronic Disconnect - Complex		NR9G9	
13	MO	UNBUNDLED EXCHANGE ACCESS LOOP	Service Order Charge - Electronic Expedited - Complex		NRMVX	
13	MO	UNBUNDLED EXCHANGE ACCESS LOOP	Service Order Charge - Electronic Customer Not Ready - Complex		NRMVY	
13	MO	UNBUNDLED EXCHANGE ACCESS LOOP	Service Order Charge - Electronic Due Date Change or Cancellation - Complex		NRMVZ	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	MS	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1-Zone 1	UEANL	UEAL2	1
13	MS	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1-Zone 1 [DISCONNECT]	UEANL	UEAL2	1
13	MS	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1-Zone 2	UEANL	UEAL2	2
13	MS	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1-Zone 2 [DISCONNECT]	UEANL	UEAL2	2
13	MS	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1-Zone 3	UEANL	UEAL2	3
13	MS	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1-Zone 3 [DISCONNECT]	UEANL	UEAL2	3
13	MS	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1-Zone 4	UEANL	UEAL2	4
13	MS	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1-Zone 4 [DISCONNECT]	UEANL	UEAL2	4
13	MS	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1-Zone 1	UEANL	UEASL	1
13	MS	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1-Zone 1 [DISCONNECT]	UEANL	UEASL	1
13	MS	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1-Zone 2	UEANL	UEASL	2
13	MS	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1-Zone 2 [DISCONNECT]	UEANL	UEASL	2
13	MS	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1-Zone 3	UEANL	UEASL	3
13	MS	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1-Zone 3 [DISCONNECT]	UEANL	UEASL	3
13	MS	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1-Zone 4	UEANL	UEASL	4
13	MS	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1-Zone 4 [DISCONNECT]	UEANL	UEASL	4
13	MS	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Manual Order Coordination for UVL-SL1s (per loop)	UEANL	UEAMC	
15	MS	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Order Coordination for Specified Conversion Time for UVL-SL1 (per LSR)	UEANL	OCOSL	
13	MS	UNBUNDLED EXCHANGE ACCESS LOOP	Bulk Migration, per 2 Wire Voice Loop-SL1	UEANL	UREPN	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	MS	UNBUNDLED EXCHANGE ACCESS LOOP	Bulk Migration, per 2 Wire Voice Loop-SL1 [DISCONNECT]	UEANL	UREPN	
13	MS	UNBUNDLED EXCHANGE ACCESS LOOP	Bulk Migration Order Coordination, per 2 Wire Voice Loop-SL1	UEANL	UREPM	
14	MS	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Unbundled Copper Loop - Non-Designed Zone 1	UEQ	UEQ2X	1
14	MS	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Unbundled Copper Loop - Non-Designed Zone 1 [DISCONNECT]	UEQ	UEQ2X	1
14	MS	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop - Non-Designed - Zone 2	UEQ	UEQ2X	2
14	MS	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop - Non-Designed - Zone 2 [DISCONNECT]	UEQ	UEQ2X	2
14	MS	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop - Non-Designed - Zone 3	UEQ	UEQ2X	3
14	MS	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop - Non-Designed - Zone 3 [DISCONNECT]	UEQ	UEQ2X	3
14	MS	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop - Non-Designed - Zone 4	UEQ	UEQ2X	4
14	MS	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop - Non-Designed - Zone 4 [DISCONNECT]	UEQ	UEQ2X	4
14R-CU	MS	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop - Tag Loop at End User Premise	UEQ	URETL	
14R-CU	MS	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop - Loop Testing - Basic 1st Half Hour	UEQ	URET1	
14R-CU	MS	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop - Loop Testing - Basic Additional Half Hour	UEQ	URETA	
15	MS	UNBUNDLED EXCHANGE ACCESS LOOP	Manual Order Coordination 2 Wire Unbundled Copper Loop - Non-Designed (per loop)	UEQ	USBMC	
15	MS	UNBUNDLED EXCHANGE ACCESS LOOP	Bulk Migration, per 2 Wire UCL-ND	UEQ	UREPN	
15	MS	UNBUNDLED EXCHANGE ACCESS LOOP	Bulk Migration, per 2 Wire UCL-ND [DISCONNECT]	UEQ	UREPN	
15	MS	UNBUNDLED EXCHANGE ACCESS LOOP	Bulk Migration Order Coordination, per 2 Wire UCL-ND	UEQ	UREPM	
13	MS	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Single LSR, (per DS0)	UEA	URES�	
13	MS	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Spreadsheet, (per DS0)	UEA	URESP	
15	MS	UNBUNDLED EXCHANGE ACCESS LOOP	Bulk Migration, per 2 Wire Voice Loop-SL2	UEA	UREPN	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
15	MS	UNBUNDLED EXCHANGE ACCESS LOOP	Bulk Migration Order Coordination, per 2 Wire Voice Loop-SL2	UEA	UREPM	
13	MS	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Voice Grade Loop - Zone 1	UEA	UEAL4	1
13	MS	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Voice Grade Loop - Zone 1 [DISCONNECT]	UEA	UEAL4	1
13	MS	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Voice Grade Loop - Zone 2	UEA	UEAL4	2
13	MS	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Voice Grade Loop - Zone 2 [DISCONNECT]	UEA	UEAL4	2
13	MS	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Voice Grade Loop - Zone 3	UEA	UEAL4	3
13	MS	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Voice Grade Loop - Zone 3 [DISCONNECT]	UEA	UEAL4	3
13	MS	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Voice Grade Loop - Zone 4	UEA	UEAL4	4
13	MS	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Voice Grade Loop - Zone 4 [DISCONNECT]	UEA	UEAL4	4
13	MS	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Single LSR, (per DS0)	UEA	URES	
13	MS	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Spreadsheet, (per DS0)	UEA	URES	
13	MS	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire ISDN Digital Grade Loop - Zone 1	UDN	U1L2X	1
13	MS	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire ISDN Digital Grade Loop - Zone 1 [DISCONNECT]	UDN	U1L2X	1
13	MS	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire ISDN Digital Grade Loop - Zone 2	UDN	U1L2X	2
13	MS	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire ISDN Digital Grade Loop - Zone 2 [DISCONNECT]	UDN	U1L2X	2
13	MS	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire ISDN Digital Grade Loop - Zone 3	UDN	U1L2X	3
13	MS	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire ISDN Digital Grade Loop - Zone 3 [DISCONNECT]	UDN	U1L2X	3
13	MS	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire ISDN Digital Grade Loop - Zone 4	UDN	U1L2X	4
13	MS	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire ISDN Digital Grade Loop - Zone 4 [DISCONNECT]	UDN	U1L2X	4
14	MS	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled ADSL Loop including manual service inquiry & facility reservation - Zone 1	UAL	UAL2X	1
14	MS	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled ADSL Loop including manual service inquiry & facility reservation - Zone 1 [DISCONNECT]	UAL	UAL2X	1
14	MS	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled ADSL Loop including manual service inquiry & facility reservation - Zone 2	UAL	UAL2X	2

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
14	MS	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled ADSL Loop including manual service inquiry & facility reservation - Zone 2 [DISCONNECT]	UAL	UAL2X	2
14	MS	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled ADSL Loop including manual service inquiry & facility reservation - Zone 3	UAL	UAL2X	3
14	MS	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled ADSL Loop including manual service inquiry & facility reservation - Zone 3 [DISCONNECT]	UAL	UAL2X	3
14	MS	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled ADSL Loop including manual service inquiry & facility reservation - Zone 4	UAL	UAL2X	4
14	MS	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled ADSL Loop including manual service inquiry & facility reservation - Zone 4 [DISCONNECT]	UAL	UAL2X	4
14	MS	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled ADSL Loop without manual service inquiry & facility reservaton - Zone 1	UAL	UAL2W	1
14	MS	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled ADSL Loop without manual service inquiry & facility reservaton - Zone 1 [DISCONNECT]	UAL	UAL2W	1
14	MS	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled ADSL Loop without manual service inquiry & facility reservaton - Zone 2	UAL	UAL2W	2
14	MS	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled ADSL Loop without manual service inquiry & facility reservaton - Zone 2 [DISCONNECT]	UAL	UAL2W	2
14	MS	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled ADSL Loop without manual service inquiry & facility reservaton - Zone 3	UAL	UAL2W	3
14	MS	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled ADSL Loop without manual service inquiry & facility reservaton - Zone 3 [DISCONNECT]	UAL	UAL2W	3
14	MS	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled ADSL Loop without manual service inquiry & facility reservaton - Zone 4	UAL	UAL2W	4
14	MS	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled ADSL Loop without manual service inquiry & facility reservaton - Zone 4 [DISCONNECT]	UAL	UAL2W	4
14	MS	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled HDSL Loop including manual service inquiry & facility reservation - Zone 1	UHL	UHL2X	1
14	MS	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled HDSL Loop including manual service inquiry & facility reservation - Zone 1 [DISCONNECT]	UHL	UHL2X	1
14	MS	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled HDSL Loop including manual service inquiry & facility reservation - Zone 2	UHL	UHL2X	2
14	MS	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled HDSL Loop including manual service inquiry & facility reservation - Zone 2 [DISCONNECT]	UHL	UHL2X	2
14	MS	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled HDSL Loop including manual service inquiry & facility reservation - Zone 3	UHL	UHL2X	3

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
14	MS	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled HDSL Loop including manual service inquiry & facility reservation - Zone 3 [DISCONNECT]	UHL	UHL2X	3
14	MS	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled HDSL Loop including manual service inquiry & facility reservation - Zone 4	UHL	UHL2X	4
14	MS	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled HDSL Loop including manual service inquiry & facility reservation - Zone 4 [DISCONNECT]	UHL	UHL2X	4
14	MS	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled HDSL Loop without manual service inquiry and facility reservation - Zone 1	UHL	UHL2W	1
14	MS	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled HDSL Loop without manual service inquiry and facility reservation - Zone 1 [DISCONNECT]	UHL	UHL2W	1
14	MS	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled HDSL Loop without manual service inquiry and facility reservation - Zone 2	UHL	UHL2W	2
14	MS	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled HDSL Loop without manual service inquiry and facility reservation - Zone 2 [DISCONNECT]	UHL	UHL2W	2
14	MS	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled HDSL Loop without manual service inquiry and facility reservation - Zone 3	UHL	UHL2W	3
14	MS	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled HDSL Loop without manual service inquiry and facility reservation - Zone 3 [DISCONNECT]	UHL	UHL2W	3
14	MS	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled HDSL Loop without manual service inquiry and facility reservation - Zone 4	UHL	UHL2W	4
14	MS	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled HDSL Loop without manual service inquiry and facility reservation - Zone 4 [DISCONNECT]	UHL	UHL2W	4
14	MS	UNBUNDLED EXCHANGE ACCESS LOOP	4 Wire Unbundled HDSL Loop including manual service inquiry and facility reservation - Zone 1	UHL	UHL4X	1
14	MS	UNBUNDLED EXCHANGE ACCESS LOOP	4 Wire Unbundled HDSL Loop including manual service inquiry and facility reservation - Zone 1 [DISCONNECT]	UHL	UHL4X	1
14	MS	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Unbundled HDSL Loop including manual service inquiry and facility reservation - Zone 2	UHL	UHL4X	2
14	MS	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Unbundled HDSL Loop including manual service inquiry and facility reservation - Zone 2 [DISCONNECT]	UHL	UHL4X	2
14	MS	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Unbundled HDSL Loop including manual service inquiry and facility reservation - Zone 3	UHL	UHL4X	3
14	MS	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Unbundled HDSL Loop including manual service inquiry and facility reservation - Zone 3 [DISCONNECT]	UHL	UHL4X	3
14	MS	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Unbundled HDSL Loop including manual service inquiry and facility reservation - Zone 4	UHL	UHL4X	4

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
14	MS	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Unbundled HDSL Loop including manual service inquiry and facility reservation - Zone 4 [DISCONNECT]	UHL	UHL4X	4
14	MS	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Unbundled HDSL Loop without manual service inquiry and facility reservation - Zone 1	UHL	UHL4W	1
14	MS	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Unbundled HDSL Loop without manual service inquiry and facility reservation - Zone 1 [DISCONNECT]	UHL	UHL4W	1
14	MS	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Unbundled HDSL Loop without manual service inquiry and facility reservation - Zone 2	UHL	UHL4W	2
14	MS	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Unbundled HDSL Loop without manual service inquiry and facility reservation - Zone 2 [DISCONNECT]	UHL	UHL4W	2
14	MS	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Unbundled HDSL Loop without manual service inquiry and facility reservation - Zone 3	UHL	UHL4W	3
14	MS	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Unbundled HDSL Loop without manual service inquiry and facility reservation - Zone 3 [DISCONNECT]	UHL	UHL4W	3
14	MS	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Unbundled HDSL Loop without manual service inquiry and facility reservation - Zone 4	UHL	UHL4W	4
14	MS	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Unbundled HDSL Loop without manual service inquiry and facility reservation - Zone 4 [DISCONNECT]	UHL	UHL4W	4
13	MS	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire DS1 Digital Loop - Zone 1	USL	USLXX	1
13	MS	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire DS1 Digital Loop - Zone 1 [DISCONNECT]	USL	USLXX	1
13	MS	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire DS1 Digital Loop - Zone 2	USL	USLXX	2
13	MS	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire DS1 Digital Loop - Zone 2 [DISCONNECT]	USL	USLXX	2
13	MS	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire DS1 Digital Loop - Zone 3	USL	USLXX	3
13	MS	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire DS1 Digital Loop - Zone 3 [DISCONNECT]	USL	USLXX	3
13	MS	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire DS1 Digital Loop - Zone 4	USL	USLXX	4
13	MS	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire DS1 Digital Loop - Zone 4 [DISCONNECT]	USL	USLXX	4
13	MS	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire DS1 Digital Loop - Switch-As-Is Conversion rate per UNE Loop, Single LSR, (per DS1)	USL	URES	
13	MS	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire DS1 Digital Loop - Switch-As-Is Conversion rate per UNE Loop, Spreadsheet, (per DS1)	USL	URESP	
14	MS	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Unbundled Copper Loop-Designed including manual service inquiry & facility reservation - Zone 1	UCL	UCLPB	1
14	MS	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Unbundled Copper Loop-Designed including manual service inquiry & facility reservation - Zone 1 [DISCONNECT]	UCL	UCLPB	1
14	MS	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Unbundled Copper Loop-Designed including manual service inquiry & facility reservation - Zone 2	UCL	UCLPB	2

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
14	MS	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Unbundled Copper Loop-Designed including manual service inquiry & facility reservation - Zone 2 [DISCONNECT]	UCL	UCLPB	2
14	MS	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop-Designed including manual service inquiry & facility reservation - Zone 3	UCL	UCLPB	3
14	MS	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop-Designed including manual service inquiry & facility reservation - Zone 3 [DISCONNECT]	UCL	UCLPB	3
14	MS	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop-Designed including manual service inquiry & facility reservation - Zone 4	UCL	UCLPB	4
14	MS	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop-Designed including manual service inquiry & facility reservation - Zone 4 [DISCONNECT]	UCL	UCLPB	4
14	MS	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Unbundled Copper Loop-Designed without manual service inquiry and facility reservation - Zone 1	UCL	UCLPW	1
14	MS	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Unbundled Copper Loop-Designed without manual service inquiry and facility reservation - Zone 1 [DISCONNECT]	UCL	UCLPW	1
14	MS	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Unbundled Copper Loop-Designed without manual service inquiry and facility reservation - Zone 2	UCL	UCLPW	2
14	MS	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Unbundled Copper Loop-Designed without manual service inquiry and facility reservation - Zone 2 [DISCONNECT]	UCL	UCLPW	2
14	MS	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Unbundled Copper Loop-Designed without manual service inquiry and facility reservation - Zone 3	UCL	UCLPW	3
14	MS	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Unbundled Copper Loop-Designed without manual service inquiry and facility reservation - Zone 3 [DISCONNECT]	UCL	UCLPW	3
14	MS	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Unbundled Copper Loop-Designed without manual service inquiry and facility reservation - Zone 4	UCL	UCLPW	4
14	MS	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Unbundled Copper Loop-Designed without manual service inquiry and facility reservation - Zone 4 [DISCONNECT]	UCL	UCLPW	4
15	MS	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Unbundled Copper Loop-Order Coordination for Unbundled Copper Loops (per loop)	UCL	UCLMC	
14	MS	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Copper Loop-Designed including manual service inquiry and facility reservation - Zone 1	UCL	UCL4S	1

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
14	MS	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Copper Loop-Designed including manual service inquiry and facility reservation - Zone 1 [DISCONNECT]	UCL	UCL4S	1
14	MS	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Copper Loop-Designed including manual service inquiry and facility reservation - Zone 2	UCL	UCL4S	2
14	MS	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Copper Loop-Designed including manual service inquiry and facility reservation - Zone 2 [DISCONNECT]	UCL	UCL4S	2
14	MS	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Copper Loop-Designed including manual service inquiry and facility reservation - Zone 3	UCL	UCL4S	3
14	MS	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Copper Loop-Designed including manual service inquiry and facility reservation - Zone 3 [DISCONNECT]	UCL	UCL4S	3
14	MS	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Copper Loop-Designed including manual service inquiry and facility reservation - Zone 4	UCL	UCL4S	4
14	MS	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Copper Loop-Designed including manual service inquiry and facility reservation - Zone 4 [DISCONNECT]	UCL	UCL4S	4
14	MS	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Copper Loop-Designed without manual service inquiry and facility reservation - Zone 1	UCL	UCL4W	1
14	MS	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Copper Loop-Designed without manual service inquiry and facility reservation - Zone 1 [DISCONNECT]	UCL	UCL4W	1
14	MS	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Copper Loop-Designed without manual service inquiry and facility reservation - Zone 2	UCL	UCL4W	2
14	MS	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Copper Loop-Designed without manual service inquiry and facility reservation - Zone 2 [DISCONNECT]	UCL	UCL4W	2
14	MS	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Copper Loop-Designed without manual service inquiry and facility reservation - Zone 3	UCL	UCL4W	3
14	MS	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Copper Loop-Designed without manual service inquiry and facility reservation - Zone 3 [DISCONNECT]	UCL	UCL4W	3
14	MS	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Copper Loop-Designed without manual service inquiry and facility reservation - Zone 4	UCL	UCL4W	4
14	MS	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Copper Loop-Designed without manual service inquiry and facility reservation - Zone 4 [DISCONNECT]	UCL	UCL4W	4
15	MS	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Copper Loop - Order Coordination for Unbundled Copper Loops (per loop)	UCL	UCLMC	
15	MS	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Copper Loop - Order Coordination for Specified Conversion Time (per LSR)	UEA, UDN, UAL, UHL, UDL, USL	OCOSL	
13	MS	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Loop or Ground Start Signaling - Zone 1	NTCVG	UEAL2	1

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	MS	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Loop or Ground Start Signaling - Zone 1 [DISCONNECT]	NTCVG	UEAL2	1
13	MS	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Loop or Ground Start Signaling - Zone 2	NTCVG	UEAL2	2
13	MS	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Loop or Ground Start Signaling - Zone 2 [DISCONNECT]	NTCVG	UEAL2	2
13	MS	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Loop or Ground Start Signaling - Zone 3	NTCVG	UEAL2	3
13	MS	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Loop or Ground Start Signaling - Zone 3 [DISCONNECT]	NTCVG	UEAL2	3
13	MS	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Loop or Ground Start Signaling - Zone 4	NTCVG	UEAL2	4
13	MS	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Loop or Ground Start Signaling - Zone 4 [DISCONNECT]	NTCVG	UEAL2	4
13	MS	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Reverse Battery Signaling - Zone 1	NTCVG	UEAR2	1
13	MS	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Reverse Battery Signaling - Zone 1 [DISCONNECT]	NTCVG	UEAR2	1
13	MS	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Reverse Battery Signaling - Zone 2	NTCVG	UEAR2	2
13	MS	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Reverse Battery Signaling - Zone 2 [DISCONNECT]	NTCVG	UEAR2	2
13	MS	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Reverse Battery Signaling - Zone 3	NTCVG	UEAR2	3
13	MS	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Reverse Battery Signaling - Zone 3 [DISCONNECT]	NTCVG	UEAR2	3
13	MS	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Reverse Battery Signaling - Zone 4	NTCVG	UEAR2	4
13	MS	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Reverse Battery Signaling - Zone 4 [DISCONNECT]	NTCVG	UEAR2	4
13	MS	UNE LOOP COMMINGLING	Switch-As-Is Conversion rate per UNE Loop, Single LSR, (per DS0)	NTCVG	URES	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	MS	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Spreadsheet, (per DS0)	NTCVG	URESP	
13	MS	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Loop Tagging - Service Level 2 (SL2)	NTCVG	URETL	
13	MS	UNE LOOP COMMINGLING	4-Wire Analog Voice Grade Loop - Zone 1	NTCVG	UEAL4	1
13	MS	UNE LOOP COMMINGLING	4-Wire Analog Voice Grade Loop - Zone 1 [DISCONNECT]	NTCVG	UEAL4	1
13	MS	UNE LOOP COMMINGLING	4-Wire Analog Voice Grade Loop - Zone 2	NTCVG	UEAL4	2
13	MS	UNE LOOP COMMINGLING	4-Wire Analog Voice Grade Loop - Zone 2 [DISCONNECT]	NTCVG	UEAL4	2
13	MS	UNE LOOP COMMINGLING	4-Wire Analog Voice Grade Loop - Zone 3	NTCVG	UEAL4	3
13	MS	UNE LOOP COMMINGLING	4-Wire Analog Voice Grade Loop - Zone 3 [DISCONNECT]	NTCVG	UEAL4	3
13	MS	UNE LOOP COMMINGLING	4-Wire Analog Voice Grade Loop - Zone 4	NTCVG	UEAL4	4
13	MS	UNE LOOP COMMINGLING	4-Wire Analog Voice Grade Loop - Zone 4 [DISCONNECT]	NTCVG	UEAL4	4
13	MS	UNE LOOP COMMINGLING	4-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Single LSR, (per DS0)	NTCVG	URES	
13	MS	UNE LOOP COMMINGLING	4-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Spreadsheet, (per DS0)	NTCVG	URESP	
13	MS	UNE LOOP COMMINGLING	4-Wire DS1 Digital Loop - Zone 1	NTCD1	USLXX	1
13	MS	UNE LOOP COMMINGLING	4-Wire DS1 Digital Loop - Zone 1 [DISCONNECT]	NTCD1	USLXX	1
13	MS	UNE LOOP COMMINGLING	4-Wire DS1 Digital Loop - Zone 2	NTCD1	USLXX	2
13	MS	UNE LOOP COMMINGLING	4-Wire DS1 Digital Loop - Zone 2 [DISCONNECT]	NTCD1	USLXX	2
13	MS	UNE LOOP COMMINGLING	4-Wire DS1 Digital Loop - Zone 3	NTCD1	USLXX	3
13	MS	UNE LOOP COMMINGLING	4-Wire DS1 Digital Loop - Zone 3 [DISCONNECT]	NTCD1	USLXX	3
13	MS	UNE LOOP COMMINGLING	4-Wire DS1 Digital Loop - Zone 4	NTCD1	USLXX	4
13	MS	UNE LOOP COMMINGLING	4-Wire DS1 Digital Loop - Zone 4 [DISCONNECT]	NTCD1	USLXX	4
13	MS	UNE LOOP COMMINGLING	4-Wire DS1 Digital Loop - Switch-As-Is Conversion rate per UNE Loop, Single LSR, (per DS1)	NTCD1	URES	
13	MS	UNE LOOP COMMINGLING	4-Wire DS1 Digital Loop - Switch-As-Is Conversion rate per UNE Loop, Spreadsheet, (per DS1)	NTCD1	URESP	
13	MS	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 2.4 Kbps - Zone 1	NTCUD	UDL2X	1
13	MS	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 2.4 Kbps - Zone 1 [DISCONNECT]	NTCUD	UDL2X	1

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	MS	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 2.4 Kbps - Zone 2	NTCUD	UDL2X	2
13	MS	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 2.4 Kbps - Zone 2 [DISCONNECT]	NTCUD	UDL2X	2
13	MS	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 2.4 Kbps - Zone 3	NTCUD	UDL2X	3
13	MS	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 2.4 Kbps - Zone 3 [DISCONNECT]	NTCUD	UDL2X	3
13	MS	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 2.4 Kbps - Zone 4	NTCUD	UDL2X	4
13	MS	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 2.4 Kbps - Zone 4 [DISCONNECT]	NTCUD	UDL2X	4
13	MS	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 4.8 Kbps - Zone 1	NTCUD	UDL4X	1
13	MS	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 4.8 Kbps - Zone 1 [DISCONNECT]	NTCUD	UDL4X	1
13	MS	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 4.8 Kbps - Zone 2	NTCUD	UDL4X	2
13	MS	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 4.8 Kbps - Zone 2 [DISCONNECT]	NTCUD	UDL4X	2
13	MS	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 4.8 Kbps - Zone 3	NTCUD	UDL4X	3
13	MS	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 4.8 Kbps - Zone 3 [DISCONNECT]	NTCUD	UDL4X	3
13	MS	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 4.8 Kbps - Zone 4	NTCUD	UDL4X	4
13	MS	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 4.8 Kbps - Zone 4 [DISCONNECT]	NTCUD	UDL4X	4
13	MS	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 9.6 Kbps - Zone 1	NTCUD	UDL9X	1
13	MS	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 9.6 Kbps - Zone 1 [DISCONNECT]	NTCUD	UDL9X	1
13	MS	UNE LOOP COMMINGLING	5 Wire Unbundled Digital Loop 9.6 Kbps - Zone 2	NTCUD	UDL9X	2
13	MS	UNE LOOP COMMINGLING	5 Wire Unbundled Digital Loop 9.6 Kbps - Zone 2 [DISCONNECT]	NTCUD	UDL9X	2
13	MS	UNE LOOP COMMINGLING	6 Wire Unbundled Digital Loop 9.6 Kbps - Zone 3	NTCUD	UDL9X	3
13	MS	UNE LOOP COMMINGLING	6 Wire Unbundled Digital Loop 9.6 Kbps - Zone 3 [DISCONNECT]	NTCUD	UDL9X	3
13	MS	UNE LOOP COMMINGLING	7 Wire Unbundled Digital Loop 9.6 Kbps - Zone 4	NTCUD	UDL9X	4
13	MS	UNE LOOP COMMINGLING	7 Wire Unbundled Digital Loop 9.6 Kbps - Zone 4 [DISCONNECT]	NTCUD	UDL9X	4
13	MS	UNE LOOP COMMINGLING	4 Wire Unbundled Digital 19.2 Kbps - Zone 1	NTCUD	UDL19	1
13	MS	UNE LOOP COMMINGLING	4 Wire Unbundled Digital 19.2 Kbps - Zone 1 [DISCONNECT]	NTCUD	UDL19	1
13	MS	UNE LOOP COMMINGLING	4 Wire Unbundled Digital 19.2 Kbps - Zone 2	NTCUD	UDL19	2

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	MS	UNE LOOP COMMINGLING	4 Wire Unbundled Digital 19.2 Kbps - Zone 2 [DISCONNECT]	NTCUD	UDL19	2
13	MS	UNE LOOP COMMINGLING	4 Wire Unbundled Digital 19.2 Kbps - Zone 3	NTCUD	UDL19	3
13	MS	UNE LOOP COMMINGLING	4 Wire Unbundled Digital 19.2 Kbps - Zone 3 [DISCONNECT]	NTCUD	UDL19	3
13	MS	UNE LOOP COMMINGLING	4 Wire Unbundled Digital 19.2 Kbps - Zone 4	NTCUD	UDL19	4
13	MS	UNE LOOP COMMINGLING	4 Wire Unbundled Digital 19.2 Kbps - Zone 4 [DISCONNECT]	NTCUD	UDL19	4
13	MS	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 56 Kbps - Zone 1	NTCUD	UDL56	1
13	MS	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 56 Kbps - Zone 1 [DISCONNECT]	NTCUD	UDL56	1
13	MS	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 56 Kbps - Zone 2	NTCUD	UDL56	2
13	MS	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 56 Kbps - Zone 2 [DISCONNECT]	NTCUD	UDL56	2
13	MS	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 56 Kbps - Zone 3	NTCUD	UDL56	3
13	MS	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 56 Kbps - Zone 3 [DISCONNECT]	NTCUD	UDL56	3
13	MS	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 56 Kbps - Zone 4	NTCUD	UDL56	4
13	MS	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 56 Kbps - Zone 4 [DISCONNECT]	NTCUD	UDL56	4
13	MS	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 64 Kbps - Zone 1	NTCUD	UDL64	1
13	MS	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 64 Kbps - Zone 1 [DISCONNECT]	NTCUD	UDL64	1
13	MS	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 64 Kbps - Zone 2	NTCUD	UDL64	2
13	MS	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 64 Kbps - Zone 2 [DISCONNECT]	NTCUD	UDL64	2
13	MS	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 64 Kbps - Zone 3	NTCUD	UDL64	3
13	MS	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 64 Kbps - Zone 3 [DISCONNECT]	NTCUD	UDL64	3
13	MS	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 64 Kbps - Zone 4	NTCUD	UDL64	4
13	MS	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 64 Kbps - Zone 4 [DISCONNECT]	NTCUD	UDL64	4
13	MS	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 19.2, 56 or 64 Kbps - Switch-As-Is Conversion rate per UNE Loop, Single LSR, (per DS0)	NTCUD	URES	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	MS	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 19.2, 56 or 64 Kbps - Switch-As-Is Conversion rate per UNE Loop, Spreadsheet, (per DS0)	NTCUD	URESP	
15	MS	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 19.2, 56 or 64 Kbps - Order Coordination for Specified Conversion Time (per LSR)	NTCVG, NTCUD, NTCD1	OCOSL	
13	MS	MAINTENANCE OF SERVICE	Maintenance of Service Charge, Basic Time, per half hour	UDC, UEA, UDL, UDN, USL, UAL, UHL, UCL, NTCVG, NTCUD, NTCD1, U1TD1, U1TD3, U1TDX, U1TS1, U1TVX, UDF, UDFCX, UDLSX, UE3, ULDD1, ULDD3, ULDDX, ULDS1, ULDVX, UNC1X, UNC3X, UNCDX, UNCSX, UNCVX, ULS	MVVBT	
13	MS	MAINTENANCE OF SERVICE	Maintenance of Service Charge, Overtime, per half hour	UDC, UEA, UDL, UDN, USL, UAL, UHL, UCL, NTCVG, NTCUD, NTCD1, U1TD1, U1TD3, U1TDX, U1TS1, U1TVX, UDF, UDFCX, UDLSX, UE3, ULDD1, ULDD3, ULDDX, ULDS1, ULDVX, UNC1X, UNC3X, UNCDX, UNCSX, UNCVX, ULS	MVVOT	
13	MS	MAINTENANCE OF SERVICE	Maintenance of Service Charge, Premium, per half hour	UDC, UEA, UDL, UDN, USL, UAL, UHL, UCL, NTCVG, NTCUD, NTCD1, U1TD1, U1TD3, U1TDX, U1TS1, U1TVX, UDF, UDFCX, UDLSX, UE3, ULDD1, ULDD3, ULDDX, ULDS1, ULDVX, UNC1X, UNC3X, UNCDX, UNCSX, UNCVX, ULS	MVVPT	
14	MS	LOOP MODIFICATION	Unbundled Loop Modification, Removal of Load Coils - 2 Wire pair less than or equal to 18k ft, per Unbundled Loop	UAL, UHL, UCL, UEQ, ULS, UEA, UEANL, UEPSR, UEPSB	ULM2L	
14	MS	LOOP MODIFICATION	Unbundled Loop Modification Removal of Load Coils - 4 Wire less than or equal to 18K ft, per Unbundled Loop	UHL, UCL, UEA	ULM4L	
14	MS	LOOP MODIFICATION	Unbundled Loop Modification Removal of Bridged Tap Removal, per unbundled loop	UAL, UHL, UCL, UEQ, ULS, UEA, UEANL, UEPSR, UEPSB	ULMBT	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13MR-SL	MS	SUB-LOOPS	Sub-Loop - Per Cross Box Location - CLEC Feeder Facility Set-Up	UEANL, UEF	USBSA	
13MR-SL	MS	SUB-LOOPS	Sub-Loop - Per Cross Box Location - Per 25 Pair Panel Set-Up	UEANL, UEF	USBSB	
13MR-SL	MS	SUB-LOOPS	Sub-Loop - Per Building Equipment Room - CLEC Feeder Facility Set-Up	UEANL	USBSC	
13MR-SL	MS	SUB-LOOPS	Sub-Loop - Per Building Equipment Room - Per 25 Pair Panel Set-Up	UEANL	USBSD	
13MR-SL	MS	SUB-LOOPS	Sub-Loop Distribution Per 2-Wire Analog Voice Grade Loop - Zone 1	UEANL	USBN2	1
13MR-SL	MS	SUB-LOOPS	Sub-Loop Distribution Per 2-Wire Analog Voice Grade Loop - Zone 1 [DISCONNECT]	UEANL	USBN2	1
13MR-SL	MS	SUB-LOOPS	Sub-Loop Distribution Per 2-Wire Analog Voice Grade Loop - Zone 2	UEANL	USBN2	2
13MR-SL	MS	SUB-LOOPS	Sub-Loop Distribution Per 2-Wire Analog Voice Grade Loop - Zone 2 [DISCONNECT]	UEANL	USBN2	2
13MR-SL	MS	SUB-LOOPS	Sub-Loop Distribution Per 2-Wire Analog Voice Grade Loop - Zone 3	UEANL	USBN2	3
13MR-SL	MS	SUB-LOOPS	Sub-Loop Distribution Per 2-Wire Analog Voice Grade Loop - Zone 3 [DISCONNECT]	UEANL	USBN2	3
13MR-SL	MS	SUB-LOOPS	Sub-Loop Distribution Per 2-Wire Analog Voice Grade Loop - Zone 4	UEANL	USBN2	4
13MR-SL	MS	SUB-LOOPS	Sub-Loop Distribution Per 2-Wire Analog Voice Grade Loop - Zone 4 [DISCONNECT]	UEANL	USBN2	4
13	MS	SUB-LOOPS	Order Coordination for Unbundled Sub-Loops, per sub-loop pair	UEANL	USBMC	
13MR-SL	MS	SUB-LOOPS	Sub-Loop Distribution Per 4-Wire Analog Voice Grade Loop - Zone 1	UEANL	USBN4	1
13MR-SL	MS	SUB-LOOPS	Sub-Loop Distribution Per 4-Wire Analog Voice Grade Loop - Zone 1 [DISCONNECT]	UEANL	USBN4	1
13MR-SL	MS	SUB-LOOPS	Sub-Loop Distribution Per 4-Wire Analog Voice Grade Loop - Zone 2	UEANL	USBN4	2
13MR-SL	MS	SUB-LOOPS	Sub-Loop Distribution Per 4-Wire Analog Voice Grade Loop - Zone 2 [DISCONNECT]	UEANL	USBN4	2
13MR-SL	MS	SUB-LOOPS	Sub-Loop Distribution Per 4-Wire Analog Voice Grade Loop - Zone 3	UEANL	USBN4	3

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13MR-SL	MS	SUB-LOOPS	Sub-Loop Distribution Per 4-Wire Analog Voice Grade Loop - Zone 3 [DISCONNECT]	UEANL	USBN4	3
13MR-SL	MS	SUB-LOOPS	Sub-Loop Distribution Per 4-Wire Analog Voice Grade Loop - Zone 4	UEANL	USBN4	4
13MR-SL	MS	SUB-LOOPS	Sub-Loop Distribution Per 4-Wire Analog Voice Grade Loop - Zone 4 [DISCONNECT]	UEANL	USBN4	4
13MR-SL	MS	SUB-LOOPS	Sub-Loop 2-Wire Intrabuilding Network Cable (INC)	UEANL	USBR2	
13MR-SL	MS	SUB-LOOPS	Sub-Loop 2-Wire Intrabuilding Network Cable (INC) [DISCONNECT]	UEANL	USBR2	
13MR-SL	MS	SUB-LOOPS	Sub-Loop 4-Wire Intrabuilding Network Cable (INC)	UEANL	USBR4	
13MR-SL	MS	SUB-LOOPS	Sub-Loop 4-Wire Intrabuilding Network Cable (INC) [DISCONNECT]	UEANL	USBR4	
13MR-SL	MS	SUB-LOOPS	Loop Testing - Basic 1st Half Hour	UEANL	URET1	
13MR-SL	MS	SUB-LOOPS	Loop Testing - Basic Additional Half Hour	UEANL	URETA	
13MR-SL	MS	SUB-LOOPS	2 Wire Copper Unbundled Sub-Loop Distribution - Zone 1	UEF	UCS2X	1
13MR-SL	MS	SUB-LOOPS	2 Wire Copper Unbundled Sub-Loop Distribution - Zone 1 [DISCONNECT]	UEF	UCS2X	1
13MR-SL	MS	SUB-LOOPS	2 Wire Copper Unbundled Sub-Loop Distribution - Zone 2	UEF	UCS2X	2
13MR-SL	MS	SUB-LOOPS	2 Wire Copper Unbundled Sub-Loop Distribution - Zone 2 [DISCONNECT]	UEF	UCS2X	2
13MR-SL	MS	SUB-LOOPS	2 Wire Copper Unbundled Sub-Loop Distribution - Zone 3	UEF	UCS2X	3
13MR-SL	MS	SUB-LOOPS	2 Wire Copper Unbundled Sub-Loop Distribution - Zone 3 [DISCONNECT]	UEF	UCS2X	3
13MR-SL	MS	SUB-LOOPS	2 Wire Copper Unbundled Sub-Loop Distribution - Zone 4	UEF	UCS2X	4
13MR-SL	MS	SUB-LOOPS	2 Wire Copper Unbundled Sub-Loop Distribution - Zone 4 [DISCONNECT]	UEF	UCS2X	4
13	MS	SUB-LOOPS	Order Coordination for Unbundled Sub-Loops, per sub-loop pair	UEF	USBMC	
13MR-SL	MS	SUB-LOOPS	4 Wire Copper Unbundled Sub-Loop Distribution - Zone 1	UEF	UCS4X	1
13MR-SL	MS	SUB-LOOPS	4 Wire Copper Unbundled Sub-Loop Distribution - Zone 1 [DISCONNECT]	UEF	UCS4X	1

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13MR-SL	MS	SUB-LOOPS	4 Wire Copper Unbundled Sub-Loop Distribution - Zone 2	UEF	UCS4X	2
13MR-SL	MS	SUB-LOOPS	4 Wire Copper Unbundled Sub-Loop Distribution - Zone 2 [DISCONNECT]	UEF	UCS4X	2
13MR-SL	MS	SUB-LOOPS	4 Wire Copper Unbundled Sub-Loop Distribution - Zone 3	UEF	UCS4X	3
13MR-SL	MS	SUB-LOOPS	4 Wire Copper Unbundled Sub-Loop Distribution - Zone 3 [DISCONNECT]	UEF	UCS4X	3
13MR-SL	MS	SUB-LOOPS	4 Wire Copper Unbundled Sub-Loop Distribution - Zone 4	UEF	UCS4X	4
13MR-SL	MS	SUB-LOOPS	4 Wire Copper Unbundled Sub-Loop Distribution - Zone 4 [DISCONNECT]	UEF	UCS4X	4
13MR-SL	MS	SUB-LOOPS	Loop Tagging Service Level 1, Unbundled Copper Loop, Non-Designed and Distribution Subloops	UEF, UEANL	URETL	
13MR-SL	MS	SUB-LOOPS	Loop Testing - Basic 1st Half Hour	UEF	URET1	
13MR-SL	MS	SUB-LOOPS	Loop Testing - Basic Additional Half Hour	UEF	URETA	
13	MS	SUB-LOOPS	Unbundled Sub-Loop Modification - 2-W Copper Dist Load Coil/Equip Removal per 2-W PR	UEF	ULM2X	
13	MS	SUB-LOOPS	Unbundled Sub-loop Modification - 4-W Copper Dist Load Coil/Equip Removal per 4-W PR	UEF	ULM4X	
13	MS	SUB-LOOPS	Unbundled Sub-Loop Modification, Removal of Bridge Tap, per unbundled loop	UEF	ULMBT	
13MR-SL	MS	SUB-LOOPS	Unbundled Network Terminating Wire (UNTW) per Pair	UENTW	UENPP	
13	MS	ADDITIONAL NETWORK ELEMENTS	Network Interface Device (NID) - 1-2 lines	UENTW	UND12	
13	MS	ADDITIONAL NETWORK ELEMENTS	Network Interface Device (NID) - 1-6 lines	UENTW	UND16	
13	MS	ADDITIONAL NETWORK ELEMENTS	Network Interface Device Cross Connect - 2 W	UENTW	UNDC2	
13	MS	ADDITIONAL NETWORK ELEMENTS	Network Interface Device Cross Connect - 4W	UENTW	UNDC4	
13	MS	UNE OTHER, PROVISIONING ONLY - NO RATE	Unbundled Contact Name, Provisioning Only - no rate	UAL, UCL, UDC, UDL, UDN, UEA, UHL, UEANL, UEF, UEQ, UENTW, NTCVG, NTCUD, NTCD1, USL	UNECN	
13	MS	UNE OTHER, PROVISIONING ONLY - NO RATE	Unbundled DS1 Loop - Superframe Format Option - no rate	USL, NTCD1	CCOSF	
13	MS	UNE OTHER, PROVISIONING ONLY - NO RATE	Unbundled DS1 Loop - Expanded Superframe Format option - no rate	USL, NTCD1	CCOEF	
13	MS	UNE OTHER, PROVISIONING ONLY - NO RATE	NID - Dispatch and Service Order for NID installation	UENTW	UNDBX	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13MR-SL	MS	UNE OTHER, PROVISIONING ONLY - NO RATE	UNTW Circuit Establishment, Provisioning Only - No Rate	UENTW	UENCE	
14	MS	LOOP MAKE-UP	Loop Makeup - Preordering Without Reservation, per working or spare facility queried (Manual).	UMK	UMKLW	
14	MS	LOOP MAKE-UP	Loop Makeup - Preordering With Reservation, per spare facility queried (Manual).	UMK	UMKLP	
14	MS	LOOP MAKE-UP	Loop Makeup--With or Without Reservation, per working or spare facility queried (Mechanized)	UMK	UMKMQ	
14R-LS	MS	LINE SPLITTING	End User Ordering - Central Office Based - Line Splitting - per line activation DLEC owned splitter	UEPSR, UEPSB	UREOS	
14R-LS	MS	LINE SPLITTING	End User Ordering - Central Office Based - Line Splitting - per line activation AT&T owned - physical	UEPSR, UEPSB	UREBP	
14R-LS	MS	LINE SPLITTING	End User Ordering - Central Office Based - Line Splitting - per line activation AT&T owned - physical [DISCONNECT]	UEPSR, UEPSB	UREBP	
14R-LS	MS	LINE SPLITTING	End User Ordering - Central Office Based - Line Splitting - per line activation AT&T owned - virtual	UEPSR, UEPSB	UREBV	
14R-LS	MS	LINE SPLITTING	End User Ordering - Central Office Based - Line Splitting - per line activation AT&T owned - virtual [DISCONNECT]	UEPSR, UEPSB	UREBV	
14R-LS	MS	LINE SPLITTING	End User Ordering - Remote Site Shared Loop Line Activation for End Users - CLEC Owned Splitter	UEPSR, UEPSB	URERS	
14R-LS	MS	LINE SPLITTING	End User Ordering - Remote Site Shared Loop Line Activation for End Users - CLEC Owned Splitter [DISCONNECT]	UEPSR, UEPSB	URERS	
14R-LS	MS	LINE SPLITTING	End User Ordering - Remote Site Shared Loop - Subsequent Activity - CLEC Owned Splitter	UEPSR, UEPSB	URERA	
14R-LS	MS	LINE SPLITTING	Unbundled Exchange Access Loop - 2 Wire Analog Voice Grade Loop-Service Level 1-Line Splitting- Zone 1	UEPSR, UEPSB	UEALS	1
14R-LS	MS	LINE SPLITTING	Unbundled Exchange Access Loop - 2 Wire Analog Voice Grade Loop-Service Level 1-Line Splitting- Zone 1 [DISCONNECT]	UEPSR, UEPSB	UEALS	1
14R-LS	MS	LINE SPLITTING	Unbundled Exchange Access Loop - 2 Wire Analog Voice Grade Loop-Service Level 1-Line Splitting- Zone 1	UEPSR, UEPSB	UEABS	1

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
14R-LS	MS	LINE SPLITTING	Unbundled Exchange Access Loop - 2 Wire Analog Voice Grade Loop-Service Level 1-Line Splitting- Zone 1 [DISCONNECT]	UEPSR, UEPSB	UEABS	1
14R-LS	MS	LINE SPLITTING	Unbundled Exchange Access Loop - 2 Wire Analog Voice Grade Loop- Service Level 1-Line Splitting-Zone 2	UEPSR, UEPSB	UEALS	2
14R-LS	MS	LINE SPLITTING	Unbundled Exchange Access Loop - 2 Wire Analog Voice Grade Loop- Service Level 1-Line Splitting-Zone 2 [DISCONNECT]	UEPSR, UEPSB	UEALS	2
14R-LS	MS	LINE SPLITTING	Unbundled Exchange Access Loop - 2 Wire Analog Voice Grade Loop- Service Level 1-Line Splitting-Zone 2	UEPSR, UEPSB	UEABS	2
14R-LS	MS	LINE SPLITTING	Unbundled Exchange Access Loop - 2 Wire Analog Voice Grade Loop- Service Level 1-Line Splitting-Zone 2 [DISCONNECT]	UEPSR, UEPSB	UEABS	2
14R-LS	MS	LINE SPLITTING	Unbundled Exchange Access Loop - 2 Wire Analog Voice Grade Loop-Service Level 1-Line Splitting-Zone 3	UEPSR, UEPSB	UEALS	3
14R-LS	MS	LINE SPLITTING	Unbundled Exchange Access Loop - 2 Wire Analog Voice Grade Loop-Service Level 1-Line Splitting-Zone 3 [DISCONNECT]	UEPSR, UEPSB	UEALS	3
14R-LS	MS	LINE SPLITTING	Unbundled Exchange Access Loop - 2 Wire Analog Voice Grade Loop-Service Level 1-Line Splitting-Zone 3	UEPSR, UEPSB	UEABS	3
14R-LS	MS	LINE SPLITTING	Unbundled Exchange Access Loop - 2 Wire Analog Voice Grade Loop-Service Level 1-Line Splitting-Zone 3 [DISCONNECT]	UEPSR, UEPSB	UEABS	3
14R-LS	MS	LINE SPLITTING	Unbundled Exchange Access Loop - 2 Wire Analog Voice Grade Loop-Service Level 1-Line Splitting-Zone 4	UEPSR, UEPSB	UEALS	4
14R-LS	MS	LINE SPLITTING	Unbundled Exchange Access Loop - 2 Wire Analog Voice Grade Loop-Service Level 1-Line Splitting-Zone 4 [DISCONNECT]	UEPSR, UEPSB	UEALS	4
14R-LS	MS	LINE SPLITTING	Unbundled Exchange Access Loop - 2 Wire Analog Voice Grade Loop-Service Level 1-Line Splitting-Zone 4	UEPSR, UEPSB	UEABS	4

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
14R-LS	MS	LINE SPLITTING	Unbundled Exchange Access Loop - 2 Wire Analog Voice Grade Loop-Service Level 1-Line Splitting-Zone 4 [DISCONNECT]	UEPSR, UEPSB	UEABS	4
14R-LS	MS	LINE SPLITTING	Unbundled Exchange Access Loop - Remote Site 2 Wire Analog Voice Grade Loop -Service Level 1- Line Splitting - CLEC Owned Splitter - Zone 1	UEPSR, UEPSB	UEARS	1
14R-LS	MS	LINE SPLITTING	Unbundled Exchange Access Loop - Remote Site 2 Wire Analog Voice Grade Loop -Service Level 1- Line Splitting - CLEC Owned Splitter - Zone 1 [DISCONNECT]	UEPSR, UEPSB	UEARS	1
14R-LS	MS	LINE SPLITTING	Unbundled Exchange Access Loop - Remote Site 2 Wire Analog Voice Grade Loop -Service Level 1- Line Splitting - CLEC Owned Splitter - Zone 2	UEPSR, UEPSB	UEARS	2
14R-LS	MS	LINE SPLITTING	Unbundled Exchange Access Loop - Remote Site 2 Wire Analog Voice Grade Loop -Service Level 1- Line Splitting - CLEC Owned Splitter - Zone 2 [DISCONNECT]	UEPSR, UEPSB	UEARS	2
14R-LS	MS	LINE SPLITTING	Unbundled Exchange Access Loop - Remote Site 2 Wire Analog Voice Grade Loop -Service Level 1- Line Splitting - CLEC Owned Splitter - Zone 3	UEPSR, UEPSB	UEARS	3
14R-LS	MS	LINE SPLITTING	Unbundled Exchange Access Loop - Remote Site 2 Wire Analog Voice Grade Loop -Service Level 1- Line Splitting - CLEC Owned Splitter - Zone 3 [DISCONNECT]	UEPSR, UEPSB	UEARS	3
14R-LS	MS	LINE SPLITTING	Unbundled Exchange Access Loop - Remote Site 2 Wire Analog Voice Grade Loop -Service Level 1- Line Splitting - CLEC Owned Splitter - Zone 4	UEPSR, UEPSB	UEARS	4
14R-LS	MS	LINE SPLITTING	Unbundled Exchange Access Loop - Remote Site 2 Wire Analog Voice Grade Loop -Service Level 1- Line Splitting - CLEC Owned Splitter - Zone 4 [DISCONNECT]	UEPSR, UEPSB	UEARS	4
14R-LS	MS	LINE SPLITTING	Unbundled Exchange Access Loop - Physical Collocation-2 Wire Cross Connects (Loop) for Line Splitting	UEPSR, UEPSB	PE1LS	
14R-LS	MS	LINE SPLITTING	Unbundled Exchange Access Loop - Physical Collocation-2 Wire Cross Connects (Loop) for Line Splitting [DISCONNECT]	UEPSR, UEPSB	PE1LS	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
14R-LS	MS	LINE SPLITTING	Unbundled Exchange Access Loop - Virtual Collocation-2 Wire Cross Connects (Loop) for Line Splitting	UEPSR, UEPSB	VE1LS	
14R-LS	MS	LINE SPLITTING	Unbundled Exchange Access Loop - Virtual Collocation-2 Wire Cross Connects (Loop) for Line Splitting [DISCONNECT]	UEPSR, UEPSB	VE1LS	
13	MS	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS1 - per mile	U1TD1	1L5XX	
13	MS	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS1 - Facility Termination	U1TD1	U1TF1	
13	MS	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS1 - Facility Termination [DISCONNECT]	U1TD1	U1TF1	
13	MS	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS3 - per mile	U1TD3	1L5XX	
13	MS	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS3 - Facility Termination	U1TD3	U1TF3	
13	MS	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS3 - Facility Termination [DISCONNECT]	U1TD3	U1TF3	
13	MS	UNBUNDLED DEDICATED TRANSPORT	Dark Fiber - Interoffice Transport, Per Four Fiber Strands, Per Route Mile Or Fraction Thereof	UDF	1L5DF	
13	MS	UNBUNDLED DEDICATED TRANSPORT	Dark Fiber - Interoffice Transport, Per Four Fiber Strands, Per Route Mile Or Fraction Thereof	UDF	UDF14	
13	MS	UNBUNDLED DEDICATED TRANSPORT	Dark Fiber - Interoffice Transport, Per Four Fiber Strands, Per Route Mile Or Fraction Thereof [DISCONNECT]	UDF	UDF14	
13	MS	HIGH CAPACITY UNBUNDLED LOCAL LOOP	Stand Alone - DS3 Unbundled Local Loop - per mile	UE3	1L5ND	
13	MS	HIGH CAPACITY UNBUNDLED LOCAL LOOP	Stand Alone - DS3 Unbundled Local Loop - Facility Termination	UE3	UE3PX	
13	MS	HIGH CAPACITY UNBUNDLED LOCAL LOOP	Stand Alone - DS3 Unbundled Local Loop - Facility Termination [DISCONNECT]	UE3	UE3PX	
13	MS	ENHANCED EXTENDED LINK (EELs)	4-Wire Analog Voice Grade Loop in Combination - Zone 1	UNCVX	UEAL4	1
13	MS	ENHANCED EXTENDED LINK (EELs)	4-Wire Analog Voice Grade Loop in Combination - Zone 1 [DISCONNECT]	UNCVX	UEAL4	1
13	MS	ENHANCED EXTENDED LINK (EELs)	4-Wire Analog Voice Grade Loop in Combination - Zone 2	UNCVX	UEAL4	2
13	MS	ENHANCED EXTENDED LINK (EELs)	4-Wire Analog Voice Grade Loop in Combination - Zone 2 [DISCONNECT]	UNCVX	UEAL4	2
13	MS	ENHANCED EXTENDED LINK (EELs)	4-Wire Analog Voice Grade Loop in Combination - Zone 3	UNCVX	UEAL4	3

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	MS	ENHANCED EXTENDED LINK (EELs)	4-Wire Analog Voice Grade Loop in Combination - Zone 3 [DISCONNECT]	UNCVX	UEAL4	3
13	MS	ENHANCED EXTENDED LINK (EELs)	4-Wire Analog Voice Grade Loop in Combination - Zone 4	UNCVX	UEAL4	4
13	MS	ENHANCED EXTENDED LINK (EELs)	4-Wire Analog Voice Grade Loop in Combination - Zone 4 [DISCONNECT]	UNCVX	UEAL4	4
13	MS	ENHANCED EXTENDED LINK (EELs)	4-Wire DS1 Digital Loop in Combination - Zone 1	UNC1X	USLXX	1
13	MS	ENHANCED EXTENDED LINK (EELs)	4-Wire DS1 Digital Loop in Combination - Zone 1 [DISCONNECT]	UNC1X	USLXX	1
13	MS	ENHANCED EXTENDED LINK (EELs)	4-Wire DS1 Digital Loop in Combination - Zone 2	UNC1X	USLXX	2
13	MS	ENHANCED EXTENDED LINK (EELs)	4-Wire DS1 Digital Loop in Combination - Zone 2 [DISCONNECT]	UNC1X	USLXX	2
13	MS	ENHANCED EXTENDED LINK (EELs)	4-Wire DS1 Digital Loop in Combination - Zone 3	UNC1X	USLXX	3
13	MS	ENHANCED EXTENDED LINK (EELs)	4-Wire DS1 Digital Loop in Combination - Zone 3 [DISCONNECT]	UNC1X	USLXX	3
13	MS	ENHANCED EXTENDED LINK (EELs)	4-Wire DS1 Digital Loop in Combination - Zone 4	UNC1X	USLXX	4
13	MS	ENHANCED EXTENDED LINK (EELs)	4-Wire DS1 Digital Loop in Combination - Zone 4 [DISCONNECT]	UNC1X	USLXX	4
13	MS	ENHANCED EXTENDED LINK (EELs)	DS3 Local Loop in combination - per mile	UNC3X	1L5ND	
13	MS	ENHANCED EXTENDED LINK (EELs)	DS3 Local Loop in combination - Facility Termination	UNC3X	UE3PX	
13	MS	ENHANCED EXTENDED LINK (EELs)	DS3 Local Loop in combination - Facility Termination [DISCONNECT]	UNC3X	UE3PX	
13	MS	ENHANCED EXTENDED LINK (EELs)	Interoffice Channel in combination - DS1 - per mile	UNC1X	1L5XX	
13	MS	ENHANCED EXTENDED LINK (EELs)	Interoffice Channel in combination - DS1 Facility Termination	UNC1X	U1TF1	
13	MS	ENHANCED EXTENDED LINK (EELs)	Interoffice Channel in combination - DS1 Facility Termination [DISCONNECT]	UNC1X	U1TF1	
13	MS	ENHANCED EXTENDED LINK (EELs)	Interoffice Channel in combination - DS3 - per mile	UNC3X	1L5XX	
13	MS	ENHANCED EXTENDED LINK (EELs)	Interoffice Channel in combination - DS3 - Facility Termination	UNC3X	U1TF3	
13	MS	ENHANCED EXTENDED LINK (EELs)	Interoffice Channel in combination - DS3 - Facility Termination [DISCONNECT]	UNC3X	U1TF3	
13	MS	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: Clear Channel Capability Extended Frame Option - per DS1	U1TD1, UNC1X	CCOEF	
13	MS	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: Clear Channel Capability Extended Frame Option - per DS1 [DISCONNECT]	U1TD1, UNC1X	CCOEF	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	MS	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: Clear Channel Capability Super FrameOption - per DS1	U1TD1, UNC1X	CCOSF	
13	MS	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: Clear Channel Capability Super FrameOption - per DS1 [DISCONNECT]	U1TD1, UNC1X	CCOSF	
13	MS	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: Clear Channel Capability (SF/ESF) Option - Subsequent Activity - per DS1	U1TD1, UNC1X, USL	NRCCC	
13	MS	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: Clear Channel Capability (SF/ESF) Option - Subsequent Activity - per DS1 [DISCONNECT]	U1TD1, UNC1X, USL	NRCCC	
13	MS	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: C-bit Parity Option - Subsequent Activity - per DS3	U1TD3, UE3, UNC3X	NRCC3	
13	MS	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: C-bit Parity Option - Subsequent Activity - per DS3 [DISCONNECT]	U1TD3, UE3, UNC3X	NRCC3	
13	MS	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: DS1/DS0 Channel System	UNC1X	MQ1	
13	MS	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: DS1/DS0 Channel System [DISCONNECT]	UNC1X	MQ1	
13	MS	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: DS3/DS1Channel System	UNC3X	MQ3	
13	MS	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: DS3/DS1Channel System [DISCONNECT]	UNC3X	MQ3	
13	MS	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: Voice Grade COCI in combination	UNCVX	1D1VG	
13	MS	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: Voice Grade COCI - for 2W-SL2 & 4W Voice Grade Local Loop	UEA	1D1VG	
13	MS	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: DS1 COCI in combination	UNC1X	UC1D1	
13	MS	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: DS1 COCI - for Stand Alone Interoffice Channel	U1TD1	UC1D1	
13	MS	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: DS1 COCI - for DS1 Local Loop	USL, NTCD1	UC1D1	
13	MS	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: Wholesale - UNE, Switch-As-Is Conversion Charge	UNCVX, UNC1X, UNC3X, XDH1X, HFQC6, XDD2X, XDV6X	UNCCC	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	MS	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: Unbundled Misc Rate Element, SNE SAI, Single Network Element - Switch As Is Non-recurring Charge, per circuit (LSR)	U1TVX, U1TD3, UDF, UE3	URES	
13	MS	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: Unbundled Misc Rate Element, SNE SAI, Single Network Element - Switch As Is Non-recurring Charge, incremental charge per circuit on a spreadsheet	U1TVX, U1TD3, UDF, UE3	URESP	
13	MS	ADDITIONAL NETWORK ELEMENTS	Service Rearrangements - NRC - Order Coordination Specific Time - Dedicated Transport	UNC1X, UNC3X	OCOSR	
13	MS	COMMINGLING	Commingling Authorization	UNCVX, UNC1X, UNC3X, U1TD3, UE3, U1TVX	CMGAU	
13	MS	COMMINGLING	Commingling Authorization [DISCONNECT]	UNCVX, UNC1X, UNC3X, U1TD3, UE3, U1TVX	CMGAU	
13	MS	COMMINGLING	Commingled VG COCI	XDV2X, NTCVG	1D1VG	
13	MS	COMMINGLING	Commingled 4-wire Local Loop Zone 1	XDV6X	UEAL4	1
13	MS	COMMINGLING	Commingled 4-wire Local Loop Zone 1 [DISCONNECT]	XDV6X	UEAL4	1
13	MS	COMMINGLING	Commingled 4-wire Local Loop Zone 2	XDV6X	UEAL4	2
13	MS	COMMINGLING	Commingled 4-wire Local Loop Zone 2 [DISCONNECT]	XDV6X	UEAL4	2
13	MS	COMMINGLING	Commingled 4-wire Local Loop Zone 3	XDV6X	UEAL4	3
13	MS	COMMINGLING	Commingled 4-wire Local Loop Zone 3 [DISCONNECT]	XDV6X	UEAL4	3
13	MS	COMMINGLING	Commingled 4-wire Local Loop Zone 4	XDV6X	UEAL4	4
13	MS	COMMINGLING	Commingled 4-wire Local Loop Zone 4 [DISCONNECT]	XDV6X	UEAL4	4
13	MS	COMMINGLING	Commingled DS1 COCI	XDH1X, NTCD1	UC1D1	
13	MS	COMMINGLING	Commingled DS1 Interoffice Channel	XDH1X	U1TF1	
13	MS	COMMINGLING	Commingled DS1 Interoffice Channel [DISCONNECT]	XDH1X	U1TF1	
13	MS	COMMINGLING	Commingled DS1 Interoffice Channel Mileage	XDH1X	1L5XX	
13	MS	COMMINGLING	Commingled DS1/DS0 Channel System	XDH1X	MQ1	
13	MS	COMMINGLING	Commingled DS1/DS0 Channel System [DISCONNECT]	XDH1X	MQ1	
13	MS	COMMINGLING	Commingled DS1 Local Loop Zone 1	XDH1X	USLXX	1
13	MS	COMMINGLING	Commingled DS1 Local Loop Zone 1 [DISCONNECT]	XDH1X	USLXX	1
13	MS	COMMINGLING	Commingled DS1 Local Loop Zone 2	XDH1X	USLXX	2
13	MS	COMMINGLING	Commingled DS1 Local Loop Zone 2 [DISCONNECT]	XDH1X	USLXX	2
13	MS	COMMINGLING	Commingled DS1 Local Loop Zone 3	XDH1X	USLXX	3
13	MS	COMMINGLING	Commingled DS1 Local Loop Zone 3 [DISCONNECT]	XDH1X	USLXX	3
13	MS	COMMINGLING	Commingled DS1 Local Loop Zone 4	XDH1X	USLXX	4
13	MS	COMMINGLING	Commingled DS1 Local Loop Zone 4 [DISCONNECT]	XDH1X	USLXX	4

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	MS	COMMINGLING	Commingled DS3 Local Loop	HFQC6	UE3PX	
13	MS	COMMINGLING	Commingled DS3 Local Loop [DISCONNECT]	HFQC6	UE3PX	
13	MS	COMMINGLING	Commingled DS3/DS1 Channel System	HFQC6	MQ3	
13	MS	COMMINGLING	Commingled DS3/DS1 Channel System [DISCONNECT]	HFQC6	MQ3	
13	MS	COMMINGLING	Commingled DS3 Interoffice Channel	HFQC6	U1TF3	
13	MS	COMMINGLING	Commingled DS3 Interoffice Channel [DISCONNECT]	HFQC6	U1TF3	
13	MS	COMMINGLING	Commingled DS3 Interoffice Channel Mileage	HFQC6	1L5XX	
13	MS	COMMINGLING	UNE to Commingled Conversion Tracking	XDH1X, HFQC6	CMGUN	
13	MS	COMMINGLING	UNE to Commingled Conversion Tracking [DISCONNECT]	XDH1X, HFQC6	CMGUN	
13	MS	COMMINGLING	SPA to Commingled Conversion Tracking	XDH1X, HFQC6	CMGSP	
13	MS	COMMINGLING	SPA to Commingled Conversion Tracking [DISCONNECT]	XDH1X, HFQC6	CMGSP	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	NC	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1- Zone 1	UEANL	UEAL2	1
13	NC	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1- Zone 2	UEANL	UEAL2	2
13	NC	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1- Zone 3	UEANL	UEAL2	3
13	NC	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1- Zone 1	UEANL	UEASL	1
13	NC	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1- Zone 2	UEANL	UEASL	2
13	NC	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1- Zone 3	UEANL	UEASL	3
13	NC	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Manual Order Coordination for UVL-SL1s (per loop)	UEANL	UEAMC	
13	NC	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Order Coordination for Specified Conversion Time for UVL-SL1 (per LSR)	UEANL	OCOSL	
13	NC	UNBUNDLED EXCHANGE ACCESS LOOP	Bulk Migration, per 2 Wire Voice Loop-SL1	UEANL	UREPN	
13	NC	UNBUNDLED EXCHANGE ACCESS LOOP	Bulk Migration Order Coordination, per 2 Wire Voice Loop-SL1	UEANL	UREPM	
14	NC	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Unbundled Copper Loop - Non-Designed Zone 1	UEQ	UEQ2X	1
14	NC	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop - Non-Designed - Zone 2	UEQ	UEQ2X	2
14	NC	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop - Non-Designed - Zone 3	UEQ	UEQ2X	3
14R-CU	NC	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop - Tag Loop at End User Premise	UEQ	URETL	
14R-CU	NC	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop - Loop Testing - Basic 1st Half Hour	UEQ	URET1	
14R-CU	NC	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop - Loop Testing - Basic Additional Half Hour	UEQ	URETA	
15	NC	UNBUNDLED EXCHANGE ACCESS LOOP	Manual Order Coordination 2 Wire Unbundled Copper Loop - Non-Designed (per loop)	UEQ	USBMC	
15	NC	UNBUNDLED EXCHANGE ACCESS LOOP	Bulk Migration, per 2 Wire UCL-ND	UEQ	UREPN	
15	NC	UNBUNDLED EXCHANGE ACCESS LOOP	Bulk Migration Order Coordination, per 2 Wire UCL-ND	UEQ	UREPM	
13	NC	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Single LSR, (per DS0)	UEA	URES�	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	NC	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Spreadsheet, (per DS0)	UEA	URESP	
15	NC	UNBUNDLED EXCHANGE ACCESS LOOP	Bulk Migration, per 2 Wire Voice Loop-SL2	UEA	UREPN	
15	NC	UNBUNDLED EXCHANGE ACCESS LOOP	Bulk Migration Order Coordination, per 2 Wire Voice Loop-SL2	UEA	UREPM	
13	NC	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Voice Grade Loop - Zone 1	UEA	UEAL4	1
13	NC	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Voice Grade Loop - Zone 2	UEA	UEAL4	2
13	NC	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Voice Grade Loop - Zone 3	UEA	UEAL4	3
13	NC	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Single LSR, (per DS0)	UEA	URES�	
13	NC	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Spreadsheet, (per DS0)	UEA	URESP	
13	NC	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire ISDN Digital Grade Loop - Zone 1	UDN	U1L2X	1
13	NC	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire ISDN Digital Grade Loop - Zone 2	UDN	U1L2X	2
13	NC	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire ISDN Digital Grade Loop - Zone 3	UDN	U1L2X	3
14	NC	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled ADSL Loop including manual service inquiry & facility reservation - Zone 1	UAL	UAL2X	1
14	NC	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled ADSL Loop including manual service inquiry & facility reservation - Zone 2	UAL	UAL2X	2
14	NC	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled ADSL Loop including manual service inquiry & facility reservation - Zone 3	UAL	UAL2X	3
14	NC	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled ADSL Loop without manual service inquiry & facility reservaton - Zone 1	UAL	UAL2W	1
14	NC	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled ADSL Loop without manual service inquiry & facility reservaton - Zone 2	UAL	UAL2W	2
14	NC	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled ADSL Loop without manual service inquiry & facility reservaton - Zone 3	UAL	UAL2W	3
14	NC	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled HDSL Loop including manual service inquiry & facility reservation - Zone 1	UHL	UHL2X	1
14	NC	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled HDSL Loop including manual service inquiry & facility reservation - Zone 2	UHL	UHL2X	2
14	NC	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled HDSL Loop including manual service inquiry & facility reservation - Zone 3	UHL	UHL2X	3
14	NC	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled HDSL Loop without manual service inquiry and facility reservation - Zone 1	UHL	UHL2W	1

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
14	NC	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled HDSL Loop without manual service inquiry and facility reservation - Zone 2	UHL	UHL2W	2
14	NC	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled HDSL Loop without manual service inquiry and facility reservation - Zone 3	UHL	UHL2W	3
14	NC	UNBUNDLED EXCHANGE ACCESS LOOP	4 Wire Unbundled HDSL Loop including manual service inquiry and facility reservation - Zone 1	UHL	UHL4X	1
14	NC	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Unbundled HDSL Loop including manual service inquiry and facility reservation - Zone 2	UHL	UHL4X	2
14	NC	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Unbundled HDSL Loop including manual service inquiry and facility reservation - Zone 3	UHL	UHL4X	3
14	NC	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Unbundled HDSL Loop without manual service inquiry and facility reservation - Zone 1	UHL	UHL4W	1
14	NC	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Unbundled HDSL Loop without manual service inquiry and facility reservation - Zone 2	UHL	UHL4W	2
14	NC	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Unbundled HDSL Loop without manual service inquiry and facility reservation - Zone 3	UHL	UHL4W	3
13	NC	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire DS1 Digital Loop - Zone 1	USL	USLXX	1
13	NC	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire DS1 Digital Loop - Zone 2	USL	USLXX	2
13	NC	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire DS1 Digital Loop - Zone 3	USL	USLXX	3
13	NC	UNBUNDLED EXCHANGE ACCESS LOOP	Switch-As-Is Conversion rate per UNE Loop, Single LSR, (per DS1)	USL	URES	
13	NC	UNBUNDLED EXCHANGE ACCESS LOOP	Switch-As-Is Conversion rate per UNE Loop, Spreadsheet, (per DS1)	USL	URESP	
14	NC	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Unbundled Copper Loop-Designed including manual service inquiry & facility reservation - Zone 1	UCL	UCLPB	1
14	NC	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Unbundled Copper Loop-Designed including manual service inquiry & facility reservation - Zone 2	UCL	UCLPB	2
14	NC	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop-Designed including manual service inquiry & facility reservation - Zone 3	UCL	UCLPB	3
14	NC	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Unbundled Copper Loop-Designed without manual service inquiry and facility reservation - Zone 1	UCL	UCLPW	1
14	NC	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Unbundled Copper Loop-Designed without manual service inquiry and facility reservation - Zone 2	UCL	UCLPW	2
14	NC	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Unbundled Copper Loop-Designed without manual service inquiry and facility reservation - Zone 3	UCL	UCLPW	3
15	NC	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Unbundled Copper Loop - Order Coordination for Unbundled Copper Loops (per loop)	UCL	UCLMC	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
14	NC	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Copper Loop including manual service inquiry and facility reservation - Zone 1	UCL	UCL4S	1
14	NC	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Copper Loop including manual service inquiry and facility reservation - Zone 2	UCL	UCL4S	2
14	NC	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Copper Loop including manual service inquiry and facility reservation - Zone 3	UCL	UCL4S	3
14	NC	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Copper Loop without manual service inquiry and facility reservation - Zone 1	UCL	UCL4W	1
14	NC	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Copper Loop without manual service inquiry and facility reservation - Zone 2	UCL	UCL4W	2
14	NC	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Copper Loop without manual service inquiry and facility reservation - Zone 3	UCL	UCL4W	3
15	NC	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Copper Loop - Order Coordination for Unbundled Copper Loops (per loop)	UCL	UCLMC	
15	NC	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Copper Loop - Order Coordination for Specified Conversion Time (per LSR)	UEA, UDN, UAL, UHL, UDL, USL	OCOSL	
13	NC	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Loop or Ground Start Signaling - Zone 1	NTCVG	UEAL2	1
13	NC	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Loop or Ground Start Signaling - Zone 2	NTCVG	UEAL2	2
13	NC	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Loop or Ground Start Signaling - Zone 3	NTCVG	UEAL2	3
13	NC	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Reverse Battery Signaling - Zone 1	NTCVG	UEAR2	1
13	NC	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Reverse Battery Signaling - Zone 2	NTCVG	UEAR2	2
13	NC	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Reverse Battery Signaling - Zone 3	NTCVG	UEAR2	3
13	NC	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Single LSR, (per DS0)	NTCVG	URES�	
13	NC	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Spreadsheet, (per DS0)	NTCVG	URESP	
13	NC	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Loop Tagging - Service Level 2 (SL2)	NTCVG	URETL	
13	NC	UNE LOOP COMMINGLING	4-Wire Analog Voice Grade Loop - Zone 1	NTCVG	UEAL4	1
13	NC	UNE LOOP COMMINGLING	4-Wire Analog Voice Grade Loop - Zone 2	NTCVG	UEAL4	2

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	NC	UNE LOOP COMMINGLING	4-Wire Analog Voice Grade Loop - Zone 3	NTCVG	UEAL4	3
13	NC	UNE LOOP COMMINGLING	4-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Single LSR, (per DS0)	NTCVG	URES	
13	NC	UNE LOOP COMMINGLING	4-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Spreadsheet, (per DS0)	NTCVG	URES	
13	NC	UNE LOOP COMMINGLING	4-Wire DS1 Digital Loop - Zone 1	NTCD1	USLXX	1
13	NC	UNE LOOP COMMINGLING	4-Wire DS1 Digital Loop - Zone 2	NTCD1	USLXX	2
13	NC	UNE LOOP COMMINGLING	4-Wire DS1 Digital Loop - Zone 3	NTCD1	USLXX	3
13	NC	UNE LOOP COMMINGLING	4-Wire DS1 Digital Loop - Switch-As-Is Conversion rate per UNE Loop, Single LSR, (per DS1)	NTCD1	URES	
13	NC	UNE LOOP COMMINGLING	4-Wire DS1 Digital Loop - Switch-As-Is Conversion rate per UNE Loop, Spreadsheet, (per DS1)	NTCD1	URES	
13	NC	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 2.4 Kbps - Zone 1	NTCUD	UDL2X	1
13	NC	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 2.4 Kbps - Zone 2	NTCUD	UDL2X	2
13	NC	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 2.4 Kbps - Zone3	NTCUD	UDL2X	3
13	NC	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 4.8 Kbps - Zone 1	NTCUD	UDL4X	1
13	NC	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 4.8 Kbps - Zone 2	NTCUD	UDL4X	2
13	NC	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 4.8 Kbps - Zone 3	NTCUD	UDL4X	3
13	NC	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 9.6 Kbps - Zone 1	NTCUD	UDL9X	1
13	NC	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 9.6 Kbps - Zone 2	NTCUD	UDL9X	2
13	NC	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 9.6 Kbps - Zone 3	NTCUD	UDL9X	3
13	NC	UNE LOOP COMMINGLING	4 Wire Unbundled Digital 19.2 Kbps - Zone 1	NTCUD	UDL19	1
13	NC	UNE LOOP COMMINGLING	4 Wire Unbundled Digital 19.2 Kbps - Zone 2	NTCUD	UDL19	2
13	NC	UNE LOOP COMMINGLING	4 Wire Unbundled Digital 19.2 Kbps - Zone 3	NTCUD	UDL19	3
13	NC	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 56 Kbps - Zone 1	NTCUD	UDL56	1
13	NC	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 56 Kbps - Zone 2	NTCUD	UDL56	2
13	NC	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 56 Kbps - Zone 3	NTCUD	UDL56	3
13	NC	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 64 Kbps - Zone 1	NTCUD	UDL64	1
13	NC	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 64 Kbps - Zone 2	NTCUD	UDL64	2
13	NC	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 64 Kbps - Zone 3	NTCUD	UDL64	3
13	NC	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 19.2, 56 or 64 Kbps - Switch-As-Is Conversion rate per UNE Loop, Single LSR, (per DS0)	NTCUD	URES	
13	NC	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 19.2, 56 or 64 Kbps - Switch-As-Is Conversion rate per UNE Loop, Spreadsheet, (per DS0)	NTCUD	URES	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
15	NC	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 19.2, 56 or 64 Kbps - Order Coordination for Specified Conversion Time (per LSR)	NTCVG, NTCUD, NTCDD1	OCOSL	
13	NC	MAINTENANCE OF SERVICE	Maintenance of Service Charge, Basic Time, per half hour	UDC, UEA, UDL, UDN, USL, UAL, UHL, UCL, NTCVG, NTCUD, NTCDD1, U1TD1, U1TD3, U1TDX, U1TS1, U1TVX, UDF, UDFCX, UDLSX, UE3, ULDD1, ULDD3, ULDDX, ULDS1, ULDVX, UNC1X, UNC3X, UNCDX, UNCSX, UNCVX, ULS	MVVB	
13	NC	MAINTENANCE OF SERVICE	Maintenance of Service Charge, Overtime, per half hour	UDC, UEA, UDL, UDN, USL, UAL, UHL, UCL, NTCVG, NTCUD, NTCDD1, U1TD1, U1TD3, U1TDX, U1TS1, U1TVX, UDF, UDFCX, UDLSX, UE3, ULDD1, ULDD3, ULDDX, ULDS1, ULDVX, UNC1X, UNC3X, UNCDX, UNCSX, UNCVX, ULS	MVVOT	
13	NC	MAINTENANCE OF SERVICE	Maintenance of Service Charge, Premium, per half hour	UDC, UEA, UDL, UDN, USL, UAL, UHL, UCL, NTCVG, NTCUD, NTCDD1, U1TD1, U1TD3, U1TDX, U1TS1, U1TVX, UDF, UDFCX, UDLSX, UE3, ULDD1, ULDD3, ULDDX, ULDS1, ULDVX, UNC1X, UNC3X, UNCDX, UNCSX, UNCVX, ULS	MVVPT	
14	NC	LOOP MODIFICATION	Unbundled Loop Modification, Removal of Load Coils - 2 Wire pair less than or equal to 18k ft, per Unbundled Loop	UAL, UHL, UCL, UEQ, ULS, UEA, UEANL, UEPSR, UEPSB	ULM2L	
14	NC	LOOP MODIFICATION	Unbundled Loop Modification, Removal of Load Coils - 2 wire greater than 18k ft	UCL, ULS, UEQ	ULM2G	
14	NC	LOOP MODIFICATION	Unbundled Loop Modification Removal of Load Coils - 4 Wire less than or equal to 18K ft, per Unbundled Loop	UHL, UCL, UEA	ULM4L	
14	NC	LOOP MODIFICATION	Unbundled Loop Modification Removal of Load Coils - 4 Wire pair greater than 18k ft	UCL	ULM4G	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
14	NC	LOOP MODIFICATION	Unbundled Loop Modification Removal of Bridged Tap Removal, per unbundled loop	UAL, UHL, UCL, UEQ, ULS, UEA, UEANL, UEPSR, UEPSB	ULMBT	
13MR-SL	NC	SUB-LOOPS	Sub-Loop - Per Cross Box Location - CLEC Feeder Facility Set-Up	UEANL, UEF	USBSA	
13MR-SL	NC	SUB-LOOPS	Sub-Loop - Per Cross Box Location - Per 25 Pair Panel Set-Up	UEANL, UEF	USBSB	
13MR-SL	NC	SUB-LOOPS	Sub-Loop - Per Building Equipment Room - CLEC Feeder Facility Set-Up	UEANL	USBSC	
13MR-SL	NC	SUB-LOOPS	Sub-Loop - Per Building Equipment Room - Per 25 Pair Panel Set-Up	UEANL	USBSD	
13MR-SL	NC	SUB-LOOPS	Sub-Loop Distribution Per 2-Wire Analog Voice Grade Loop - Zone 1	UEANL	USBN2	1
13MR-SL	NC	SUB-LOOPS	Sub-Loop Distribution Per 2-Wire Analog Voice Grade Loop - Zone 2	UEANL	USBN2	2
13MR-SL	NC	SUB-LOOPS	Sub-Loop Distribution Per 2-Wire Analog Voice Grade Loop - Zone 3	UEANL	USBN2	3
13	NC	SUB-LOOPS	Order Coordination for Unbundled Sub-Loops, per sub-loop pair	UEANL	USBMC	
13MR-SL	NC	SUB-LOOPS	Sub-Loop Distribution Per 4-Wire Analog Voice Grade Loop - Zone 1	UEANL	USBN4	1
13MR-SL	NC	SUB-LOOPS	Sub-Loop Distribution Per 4-Wire Analog Voice Grade Loop - Zone 2	UEANL	USBN4	2
13MR-SL	NC	SUB-LOOPS	Sub-Loop Distribution Per 4-Wire Analog Voice Grade Loop - Zone 3	UEANL	USBN4	3
13MR-SL	NC	SUB-LOOPS	Sub-Loop 2-Wire Intrabuilding Network Cable (INC)	UEANL	USBR2	
13MR-SL	NC	SUB-LOOPS	Sub-Loop 4-Wire Intrabuilding Network Cable (INC)	UEANL	USBR4	
13MR-SL	NC	SUB-LOOPS	Loop Testing - Basic 1st Half Hour	UEANL	URET1	
13MR-SL	NC	SUB-LOOPS	Loop Testing - Basic Additional Half Hour	UEANL	URETA	
13MR-SL	NC	SUB-LOOPS	2 Wire Copper Unbundled Sub-Loop Distribution - Zone 1	UEF	UCS2X	1
13MR-SL	NC	SUB-LOOPS	2 Wire Copper Unbundled Sub-Loop Distribution - Zone 2	UEF	UCS2X	2
13MR-SL	NC	SUB-LOOPS	2 Wire Copper Unbundled Sub-Loop Distribution - Zone 3	UEF	UCS2X	3
13	NC	SUB-LOOPS	Order Coordination for Unbundled Sub-Loops, per sub-loop pair	UEF	USBMC	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13MR-SL	NC	SUB-LOOPS	4 Wire Copper Unbundled Sub-Loop Distribution - Zone 1	UEF	UCS4X	1
13MR-SL	NC	SUB-LOOPS	4 Wire Copper Unbundled Sub-Loop Distribution - Zone 2	UEF	UCS4X	2
13MR-SL	NC	SUB-LOOPS	4 Wire Copper Unbundled Sub-Loop Distribution - Zone 3	UEF	UCS4X	3
13MR-SL	NC	SUB-LOOPS	Loop Tagging Service Level 1, Unbundled Copper Loop, Non-Designed and Distribution Subloops	UEF, UEANL	URETL	
13MR-SL	NC	SUB-LOOPS	Loop Testing - Basic 1st Half Hour	UEF	URET1	
13MR-SL	NC	SUB-LOOPS	Loop Testing - Basic Additional Half Hour	UEF	URETA	
13	NC	SUB-LOOPS	Unbundled Sub-Loop Modification - 2-W Copper Dist Load Coil/Equip Removal per 2-W PR	UEF	ULM2X	
13	NC	SUB-LOOPS	Unbundled Sub-loop Modification - 4-W Copper Dist Load Coil/Equip Removal per 4-W PR	UEF	ULM4X	
13	NC	SUB-LOOPS	Unbundled Loop Modification, Removal of Bridge Tap, per unbundled loop	UEF	ULMBT	
13MR-SL	NC	SUB-LOOPS	Unbundled Network Terminating Wire (UNTW) per Pair	UENTW	UENPP	
13	NC	ADDITIONAL NETWORK ELEMENTS	Network Interface Device (NID) - 1-2 lines	UENTW	UND12	
13	NC	ADDITIONAL NETWORK ELEMENTS	Network Interface Device (NID) - 1-6 lines	UENTW	UND16	
13	NC	ADDITIONAL NETWORK ELEMENTS	Network Interface Device Cross Connect - 2 W	UENTW	UNDC2	
13	NC	ADDITIONAL NETWORK ELEMENTS	Network Interface Device Cross Connect - 4W	UENTW	UNDC4	
13	NC	UNE OTHER, PROVISIONING ONLY - NO RATE	Unbundled Contact Name, Provisioning Only - no rate	UAL, UCL, UDC, UDL, UDN, UEA, UHL, UEANL, UEF, UEQ, UENTW, NTCVG, NTCUD, NTCD1, USL	UNECN	
13	NC	UNE OTHER, PROVISIONING ONLY - NO RATE	Unbundled DS1 Loop - Superframe Format Option - no rate	USL, NTCD1	CCOSF	
13	NC	UNE OTHER, PROVISIONING ONLY - NO RATE	Unbundled DS1 Loop - Expanded Superframe Format option - no rate	USL, NTCD1	CCOEF	
13	NC	UNE OTHER, PROVISIONING ONLY - NO RATE	NID - Dispatch and Service Order for NID installation	UENTW	UNDBX	
13MR-SL	NC	UNE OTHER, PROVISIONING ONLY - NO RATE	UNTW Circuit Establishment, Provisioning Only - No Rate	UENTW	UENCE	
14	NC	LOOP MAKE-UP	Loop Makeup - Preordering Without Reservation, per working or spare facility queried (Manual).	UMK	UMKLW	
14	NC	LOOP MAKE-UP	Loop Makeup - Preordering With Reservation, per spare facility queried (Manual).	UMK	UMKLP	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
14	NC	LOOP MAKE-UP	Loop Makeup--With or Without Reservation, per working or spare facility queried (Mechanized)	UMK	UMKMQ	
14R-LS	NC	LINE SPLITTING	Line Splitting - per line activation DLEC owned splitter	UEPSR, UEPSB	UREOS	
14R-LS	NC	LINE SPLITTING	End User Ordering - Central Office Based - Line Splitting - per line activation AT&T owned - physical	UEPSR, UEPSB	UREBP	
14R-LS	NC	LINE SPLITTING	End User Ordering - Central Office Based - Line Splitting - per line activation AT&T owned - virtual	UEPSR, UEPSB	UREBV	
14R-LS	NC	LINE SPLITTING	Unbundled Exchange Access Loop - 2 Wire Analog Voice Grade Loop-Service Level 1-Line Splitting- Zone 1	UEPSR, UEPSB	UEALS	1
14R-LS	NC	LINE SPLITTING	Unbundled Exchange Access Loop - 2 Wire Analog Voice Grade Loop-Service Level 1-Line Splitting- Zone 1 [DISCONNECT]	UEPSR, UEPSB	UEALS	1
14R-LS	NC	LINE SPLITTING	Unbundled Exchange Access Loop - 2 Wire Analog Voice Grade Loop-Service Level 1-Line Splitting- Zone 1	UEPSR, UEPSB	UEABS	1
14R-LS	NC	LINE SPLITTING	Unbundled Exchange Access Loop - 2 Wire Analog Voice Grade Loop-Service Level 1-Line Splitting- Zone 1 [DISCONNECT]	UEPSR, UEPSB	UEABS	1
14R-LS	NC	LINE SPLITTING	Unbundled Exchange Access Loop - 2 Wire Analog Voice Grade Loop- Service Level 1-Line Splitting-Zone 2	UEPSR, UEPSB	UEALS	2
14R-LS	NC	LINE SPLITTING	Unbundled Exchange Access Loop - 2 Wire Analog Voice Grade Loop- Service Level 1-Line Splitting-Zone 2 [DISCONNECT]	UEPSR, UEPSB	UEALS	2
14R-LS	NC	LINE SPLITTING	Unbundled Exchange Access Loop - 2 Wire Analog Voice Grade Loop- Service Level 1-Line Splitting-Zone 2	UEPSR, UEPSB	UEABS	2
14R-LS	NC	LINE SPLITTING	Unbundled Exchange Access Loop - 2 Wire Analog Voice Grade Loop- Service Level 1-Line Splitting-Zone 2 [DISCONNECT]	UEPSR, UEPSB	UEABS	2
14R-LS	NC	LINE SPLITTING	Unbundled Exchange Access Loop - 2 Wire Analog Voice Grade Loop-Service Level 1-Line Splitting-Zone 3	UEPSR, UEPSB	UEALS	3
14R-LS	NC	LINE SPLITTING	Unbundled Exchange Access Loop - 2 Wire Analog Voice Grade Loop-Service Level 1-Line Splitting-Zone 3 [DISCONNECT]	UEPSR, UEPSB	UEALS	3

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
14R-LS	NC	LINE SPLITTING	Unbundled Exchange Access Loop - 2 Wire Analog Voice Grade Loop-Service Level 1-Line Splitting-Zone 3	UEPSR, UEPSB	UEABS	3
14R-LS	NC	LINE SPLITTING	Unbundled Exchange Access Loop - 2 Wire Analog Voice Grade Loop-Service Level 1-Line Splitting-Zone 3 [DISCONNECT]	UEPSR, UEPSB	UEABS	3
14R-LS	NC	LINE SPLITTING	Unbundled Exchange Access Loop - Physical Collocation-2 Wire Cross Connects (Loop) for Line Splitting	UEPSR, UEPSB	PE1LS	
14R-LS	NC	LINE SPLITTING	Unbundled Exchange Access Loop - Physical Collocation-2 Wire Cross Connects (Loop) for Line Splitting [DISCONNECT]	UEPSR, UEPSB	PE1LS	
14R-LS	NC	LINE SPLITTING	Unbundled Exchange Access Loop - Virtual Collocation-2 Wire Cross Connects (Loop) for Line Splitting	UEPSR, UEPSB	VE1LS	
14R-LS	NC	LINE SPLITTING	Unbundled Exchange Access Loop - Virtual Collocation-2 Wire Cross Connects (Loop) for Line Splitting [DISCONNECT]	UEPSR, UEPSB	VE1LS	
13	NC	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS1 - per mile	U1TD1	1L5XX	
13	NC	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS3 - per mile	U1TD3	1L5XX	
13	NC	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS3 - Facility Termination	U1TD3	U1TF3	
13	NC	HIGH CAPACITY UNBUNDLED LOCAL LOOP	Stand Alone - DS3 Unbundled Local Loop - per mile	UE3	1L5ND	
13	NC	HIGH CAPACITY UNBUNDLED LOCAL LOOP	Stand Alone - DS3 Unbundled Local Loop - Facility Termination	UE3	UE3PX	
13	NC	HIGH CAPACITY UNBUNDLED LOCAL LOOP	Dark Fiber - Interoffice Transport, Per Four Fiber Strands, Per Route Mile Or Fraction Thereof	UDF	1L5DF	
13	NC	HIGH CAPACITY UNBUNDLED LOCAL LOOP	Dark Fiber - Interoffice Transport, Per Four Fiber Strands, Per Route Mile Or Fraction Thereof	UDF	UDF14	
13	NC	ENHANCED EXTENDED LINK (EELs)	4-Wire Analog Voice Grade Loop in Combination - Zone 1	UNCVX	UEAL4	1
13	NC	ENHANCED EXTENDED LINK (EELs)	4-Wire Analog Voice Grade Loop in Combination - Zone 2	UNCVX	UEAL4	2
13	NC	ENHANCED EXTENDED LINK (EELs)	4-Wire Analog Voice Grade Loop in Combination - Zone 3	UNCVX	UEAL4	3
13	NC	ENHANCED EXTENDED LINK (EELs)	4-Wire DS1 Digital Loop in Combination - Zone 1	UNC1X	USLXX	1
13	NC	ENHANCED EXTENDED LINK (EELs)	4-Wire DS1 Digital Loop in Combination - Zone 2	UNC1X	USLXX	2
13	NC	ENHANCED EXTENDED LINK (EELs)	4-Wire DS1 Digital Loop in Combination - Zone 3	UNC1X	USLXX	3

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	NC	ENHANCED EXTENDED LINK (EELs)	DS3 Local Loop in combination - per mile	UNC3X	1L5ND	
13	NC	ENHANCED EXTENDED LINK (EELs)	DS3 Local Loop in combination - Facility Termination	UNC3X	UE3PX	
13	NC	ENHANCED EXTENDED LINK (EELs)	Interoffice Channel in combination - DS1 - per mile	UNC1X	1L5XX	
13	NC	ENHANCED EXTENDED LINK (EELs)	Interoffice Channel in combination - DS1 Facility Termination	UNC1X	U1TF1	
13	NC	ENHANCED EXTENDED LINK (EELs)	Interoffice Channel in combination - DS3 - per mile	UNC3X	1L5XX	
13	NC	ENHANCED EXTENDED LINK (EELs)	Interoffice Channel in combination - DS3 - Facility Termination	UNC3X	U1TF3	
13	NC	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: Clear Channel Capability Extended Frame Option - per DS1	U1TD1, UNC1X	CCOEF	
13	NC	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: Clear Channel Capability Super FrameOption - per DS1	U1TD1, UNC1X	CCOSF	
13	NC	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: Clear Channel Capability (SF/ESF) Option - Subsequent Activity - per DS1	U1TD1, UNC1X, USL	NRCCC	
13	NC	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: Clear Channel Capability (SF/ESF) Option - Subsequent Activity - per DS1 [DISCONNECT]	U1TD1, UNC1X, USL	NRCCC	
13	NC	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: C-bit Parity Option - Subsequent Activity - per DS3	U1TD3, UE3, UNC3X	NRCC3	
13	NC	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: C-bit Parity Option - Subsequent Activity - per DS3 [DISCONNECT]	U1TD3, UE3, UNC3X	NRCC3	
13	NC	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: DS1/DS0 Channel System	UNC1X	MQ1	
13	NC	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: DS3/DS1Channel System	UNC3X	MQ3	
13	NC	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: Voice Grade COCI in combination	UNCVX	1D1VG	
13	NC	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: Voice Grade COCI - for 2W-SL2 & 4W Voice Grade Local Loop	UEA	1D1VG	
13	NC	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: DS1 COCI in combination	UNC1X	UC1D1	
13	NC	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: DS1 COCI - for Stand Alone Interoffice Channel	U1TD1	UC1D1	
13	NC	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: DS1 COCI - for DS1 Local Loop	USL, NTCD1	UC1D1	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	NC	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: Wholesale - UNE, Switch-As-Is Conversion Charge	UNCVX, UNC1X, UNC3X, XDH1X, HFQC6, XDD2X, XDV6X	UNCCC	
13	NC	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: Unbundled Misc Rate Element, SNE SAI, Single Network Element - Switch As Is Non-recurring Charge, per circuit (LSR)	U1TVX, U1TD3, UDF, UE3	URES	
13	NC	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: Unbundled Misc Rate Element, SNE SAI, Single Network Element - Switch As Is Non-recurring Charge, incremental charge per circuit on a spreadsheet	U1TVX, U1TD3, UDF, UE3	URESP	
13	NC	ADDITIONAL NETWORK ELEMENTS	NRC - Order Coordination Specific Time - Dedicated Transport	UNC1X, UNC3X	OCOSR	
13	NC	COMMINGLING	Commingling Authorization	UNCVX, UNC1X, UNC3X, U1TD3, UE3, U1TVX	CMGAU	
13	NC	COMMINGLING	Commingled VG COCI	XDV2X	1D1VG	
13	NC	COMMINGLING	Commingled 4-wire Local Loop Zone 1	XDV6X	UEAL4	1
13	NC	COMMINGLING	Commingled 4-wire Local Loop Zone 2	XDV6X	UEAL4	2
13	NC	COMMINGLING	Commingled 4-wire Local Loop Zone 3	XDV6X	UEAL4	3
13	NC	COMMINGLING	Commingled DS1 COCI	XDH1X	UC1D1	
13	NC	COMMINGLING	Commingled DS1 Interoffice Channel	XDH1X	U1TF1	
13	NC	COMMINGLING	Commingled DS1 Interoffice Channel Mileage	XDH1X	1L5XX	
13	NC	COMMINGLING	Commingled DS1/DS0 Channel System	XDH1X	MQ1	
13	NC	COMMINGLING	Commingled DS1 Local Loop Zone 1	XDH1X	USLXX	1
13	NC	COMMINGLING	Commingled DS1 Local Loop Zone 2	XDH1X	USLXX	2
13	NC	COMMINGLING	Commingled DS1 Local Loop Zone 3	XDH1X	USLXX	3
13	NC	COMMINGLING	Commingled DS3 Local Loop	HFQC6	UE3PX	
13	NC	COMMINGLING	Commingled DS3/DS1 Channel System	HFQC6	MQ3	
13	NC	COMMINGLING	Commingled DS3 Interoffice Channel	HFQC6	U1TF3	
13	NC	COMMINGLING	Commingled DS3 Interoffice Channel Mileage	HFQC6	1L5XX	
13	NC	COMMINGLING	UNE to Commingled Conversion Tracking	XDH1X, HFQC6	CMGUN	
13	NC	COMMINGLING	UNE to Commingled Conversion Tracking [DISCONNECT]	XDH1X, HFQC6	CMGUN	
13	NC	COMMINGLING	SPA to Commingled Conversion Tracking	XDH1X, HFQC6	CMGSP	
13	NC	COMMINGLING	SPA to Commingled Conversion Tracking [DISCONNECT]	XDH1X, HFQC6	CMGSP	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	NV	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog - Zone 1	EE7T+, EE7U+, BCL++, RCL++,L3X++, L4X++, L5X++, L6X++, L7X++, L8X++, L9X++, LAX++, LBX++, LCX++, LWX++, L2X++, L32++, L33++, L36++, LPX++, LTX++	LKB	1
13	NV	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog - Zone 2	EE7T+, EE7U+, BCL++, RCL++,L3X++, L4X++, L5X++, L6X++, L7X++, L8X++, L9X++, LAX++, LBX++, LCX++, LWX++, L2X++, L32++, L33++, L36++, LPX++, LTX++	LKB	2
13	NV	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog - Zone 3	EE7T+, EE7U+, BCL++, RCL++,L3X++, L4X++, L5X++, L6X++, L7X++, L8X++, L9X++, LAX++, LBX++, LCX++, LWX++, L2X++, L32++, L33++, L36++, LPX++, LTX++	LKB	3
13	NV	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog - Zone 1	EE7T+, EE7U+, BCL++, RCL++,L3X++, L4X++, L5X++, L6X++, L7X++, L8X++, L9X++, LAX++, LBX++, LCX++, LWX++, L2X++, L32++, L33++, L36++, LPX++, LTX++	LKBAA	1
13	NV	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog - Zone 2	EE7T+, EE7U+, BCL++, RCL++,L3X++, L4X++, L5X++, L6X++, L7X++, L8X++, L9X++, LAX++, LBX++, LCX++, LWX++, L2X++, L32++, L33++, L36++, LPX++, LTX++	LKBAA	2
13	NV	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog - Zone 3	EE7T+, EE7U+, BCL++, RCL++,L3X++, L4X++, L5X++, L6X++, L7X++, L8X++, L9X++, LAX++, LBX++, LCX++, LWX++, L2X++, L32++, L33++, L36++, LPX++, LTX++	LKBAA	3

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	NV	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog - Zone 1	EE7T+, EE7U+, BCL++, RCL++,L3X++, L4X++, L5X++, L6X++, L7X++, L8X++, L9X++, LAX++, LBX++, LCX++, LWX++, L2X++, L32++, L33++, L36++, LPX++, LTX++	AELKB	1
13	NV	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog - Zone 2	EE7T+, EE7U+, BCL++, RCL++,L3X++, L4X++, L5X++, L6X++, L7X++, L8X++, L9X++, LAX++, LBX++, LCX++, LWX++, L2X++, L32++, L33++, L36++, LPX++, LTX++	AELKB	2
13	NV	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog - Zone 3	EE7T+, EE7U+, BCL++, RCL++,L3X++, L4X++, L5X++, L6X++, L7X++, L8X++, L9X++, LAX++, LBX++, LCX++, LWX++, L2X++, L32++, L33++, L36++, LPX++, LTX++	AELKB	3
13	NV	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog - Zone 1	EE7T+, EE7U+, BCL++, RCL++,L3X++, L4X++, L5X++, L6X++, L7X++, L8X++, L9X++, LAX++, LBX++, LCX++, LWX++, L2X++, L32++, L33++, L36++, LPX++, LTX++	AELKA	1
13	NV	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog - Zone 2	EE7T+, EE7U+, BCL++, RCL++,L3X++, L4X++, L5X++, L6X++, L7X++, L8X++, L9X++, LAX++, LBX++, LCX++, LWX++, L2X++, L32++, L33++, L36++, LPX++, LTX++	AELKA	2
13	NV	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog - Zone 3	EE7T+, EE7U+, BCL++, RCL++,L3X++, L4X++, L5X++, L6X++, L7X++, L8X++, L9X++, LAX++, LBX++, LCX++, LWX++, L2X++, L32++, L33++, L36++, LPX++, LTX++	AELKA	3
13	NV	UNBUNDLED EXCHANGE ACCESS LOOP	5db Conditioning - 2-Wire Analog - Zone 1			1

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	NV	UNBUNDLED EXCHANGE ACCESS LOOP	5db Conditioning - 2-Wire Analog - Zone 2			2
13	NV	UNBUNDLED EXCHANGE ACCESS LOOP	5db Conditioning - 2-Wire Analog - Zone 3			3
13	NV	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog - Zone 1	EE71+, EE72+, EE73+, EE75+, EE76+, EE77+, EE78+, EE79+, EE7X+, EE7Y+, EE7Z+, EE74+,	LK4WA	1
13	NV	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog - Zone 2	EE71+, EE72+, EE73+, EE75+, EE76+, EE77+, EE78+, EE79+, EE7X+, EE7Y+, EE7Z+, EE74+,	LK4WA	2
13	NV	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog - Zone 3	EE71+, EE72+, EE73+, EE75+, EE76+, EE77+, EE78+, EE79+, EE7X+, EE7Y+, EE7Z+, EE74+,	LK4WA	3
13	NV	UNBUNDLED EXCHANGE ACCESS LOOP	2-wire Digital - Zone 1	EE9E+, EE9F+, B1L++, R1L++, LK1, L56++	LKB2Q	1
13	NV	UNBUNDLED EXCHANGE ACCESS LOOP	2-wire Digital - Zone 2	EE9E+, EE9F+, B1L++, R1L++, LK1, L56++	LKB2Q	2
13	NV	UNBUNDLED EXCHANGE ACCESS LOOP	2-wire Digital - Zone 3	EE9E+, EE9F+, B1L++, R1L++, LK1, L56++	LKB2Q	3
13	NV	UNBUNDLED EXCHANGE ACCESS LOOP	2-wire Digital - Zone 1	EE9E+, EE9F+, B1L++, R1L++, LK1, L56++	LKB3Q	1
13	NV	UNBUNDLED EXCHANGE ACCESS LOOP	2-wire Digital - Zone 2	EE9E+, EE9F+, B1L++, R1L++, LK1, L56++	LKB3Q	2
13	NV	UNBUNDLED EXCHANGE ACCESS LOOP	2-wire Digital - Zone 3	EE9E+, EE9F+, B1L++, R1L++, LK1, L56++	LKB3Q	3
13	NV	UNBUNDLED EXCHANGE ACCESS LOOP	2-wire Digital - Zone 1	EE9E+, EE9F+, B1L++, R1L++, LK1, L56++	U2Q	1
13	NV	UNBUNDLED EXCHANGE ACCESS LOOP	2-wire Digital - Zone 2	EE9E+, EE9F+, B1L++, R1L++, LK1, L56++	U2Q	2
13	NV	UNBUNDLED EXCHANGE ACCESS LOOP	2-wire Digital - Zone 3	EE9E+, EE9F+, B1L++, R1L++, LK1, L56++	U2Q	3
13	NV	UNBUNDLED EXCHANGE ACCESS LOOP	2-wire Digital - Zone 1	EE9E+, EE9F+, B1L++, R1L++, LK1, L56++	U3Q	1
13	NV	UNBUNDLED EXCHANGE ACCESS LOOP	2-wire Digital - Zone 2	EE9E+, EE9F+, B1L++, R1L++, LK1, L56++	U3Q	2
13	NV	UNBUNDLED EXCHANGE ACCESS LOOP	2-wire Digital - Zone 3	EE9E+, EE9F+, B1L++, R1L++, LK1, L56++	U3Q	3
13	NV	UNBUNDLED EXCHANGE ACCESS LOOP	DS1 Loop - Zone 1	BDL++, EE7M+	LKC4W	1
13	NV	UNBUNDLED EXCHANGE ACCESS LOOP	DS1 Loop - Zone 2	BDL++, EE7M+	LKC4W	2

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	NV	UNBUNDLED EXCHANGE ACCESS LOOP	DS1 Loop - Zone 3	BDL++, EE7M+	LKC4W	3
13	NV	UNBUNDLED EXCHANGE ACCESS LOOP	DS3 Loop - Zone 1	ULUC+, EE7P+, EE7Q+	U4D3X	1
13	NV	UNBUNDLED EXCHANGE ACCESS LOOP	DS3 Loop - Zone 2	ULUC+, EE7P+, EE7Q+	U4D3X	2
13	NV	UNBUNDLED EXCHANGE ACCESS LOOP	DS3 Loop - Zone 3	ULUC+, EE7P+, EE7Q+	U4D3X	3
14	NV	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #1 - DSL Capable - 2-Wire xDSL Loop Zone 1	BP1A+, RP1A+, NS1A+, BP1B+, RP1B+, NS1B+	2SLAX	1
14	NV	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #1 -DSL Capable - 2-Wire xDSL Loop Zone 2	BP1A+, RP1A+, NS1A+, BP1B+, RP1B+, NS1B+	2SLAX	2
14	NV	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #1 - DSL Capable - 2-Wire xDSL Loop Zone 3	BP1A+, RP1A+, NS1A+, BP1B+, RP1B+, NS1B+	2SLAX	3
14	NV	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #2 -DSL Capable - 2-Wire xDSL Loop Zone 1	BP2X+, RP2X+, NS2X+	2SLBX	1
14	NV	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #2 -DSL Capable - 2-Wire xDSL Loop Zone 2	BP2X+, RP2X+, NS2X+	2SLBX	2
14	NV	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #2 - DSL Capable - 2-Wire xDSL Loop Zone 3	BP2X+, RP2X+, NS2X+	2SLBX	3
14	NV	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #3 -DSL Capable - 2-Wire xDSL Loop Zone 1	BP3A+, RP3A+, NS3A+	2SLCX	1
14	NV	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #3 - DSL Capable - 2-Wire xDSL Loop Zone 2	BP3A+, RP3A+, NS3A+	2SLCX	2
14	NV	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #3 - DSL Capable - 2-Wire xDSL Loop Zone 3	BP3A+, RP3A+, NS3A+	2SLCX	3
14	NV	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #4 - DSL Capable - 2-Wire xDSL Loop Zone 1	BP4X+, RP4X+, NS4X+	2SLDX	1
14	NV	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #4 - DSL Capable - 2-Wire xDSL Loop Zone 2	BP4X+, RP4X+, NS4X+	2SLDX	2
14	NV	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #4 - DSL Capable - 2-Wire xDSL Loop Zone 3	BP4X+, RP4X+, NS4X+	2SLDX	3
14	NV	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #5 - 2-Wire xDSL Loop Zone 1	BP5X+, RP5X+, NS5X+	U2F	1
14	NV	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #5 - 2-Wire xDSL Loop Zone 2	BP5X+, RP5X+, NS5X+	U2F	2
14	NV	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #5 - 2-Wire xDSL Loop Zone 3	BP5X+, RP5X+, NS5X+	U2F	3
14	NV	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #7 - 2-Wire xDSL Loop Zone 1	BP7X+, RP7X+, NS7X+	2SLFX	1
14	NV	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #7 - 2-Wire xDSL Loop Zone 2	BP7X+, RP7X+, NS7X+	2SLFX	2
14	NV	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #7 - 2-Wire xDSL Loop Zone 3	BP7X+, RP7X+, NS7X+	2SLFX	3
14	NV	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #3 -DSL Capable - 4-Wire xDSL Loop Zone 1	BP3B+, RP3B+, NS3B+	4SL1X	1
14	NV	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #3 -DSL Capable - 4-Wire xDSL Loop Zone 2	BP3B+, RP3B+, NS3B+	4SL1X	2
14	NV	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #3 - DSL Capable - 4-Wire xDSL Loop Zone 3	BP3B+, RP3B+, NS3B+	4SL1X	3
14	NV	LOOP MAKE-UP	Loop Qualification Process (Per Loop) Mechanized - Zone 1	BP1A+, RP1A+, NS1A+, BP1B+, RP1B+, NS1B+, BP2X+, RP2X+, NS2X+, BP3A+, RP3A+, NS3A+, BP3B+, RP3B+, NS3B+, BP4X+, RP4X+, NS4X+, BP5X+, RP5X+, NS5X+, BP7X+, RP7X+, NS7X+	NR98U	1

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
14	NV	LOOP MAKE-UP	Loop Qualification Process (Per Loop) Mechanized - Zone 2	BP1A+, RP1A+, NS1A+, BP1B+, RP1B+, NS1B+, BP2X+, RP2X+, NS2X, BP3A+, RP3A+, NS3A+, BP3A+, RP3A+, NS3A+, BP3B+, RP3B+, NS3B+, BP4X+, RP4X+, NS4X+, BP5X+, RP5X+, NS5X+, BP7X+, RP7X+, NS7X+	NR98U	2
14	NV	LOOP MAKE-UP	Loop Qualification Process (Per Loop) Mechanized - Zone 3	BP1A+, RP1A+, NS1A+, BP1B+, RP1B+, NS1B+, BP2X+, RP2X+, NS2X, BP3A+, RP3A+, NS3A+, BP3A+, RP3A+, NS3A+, BP3B+, RP3B+, NS3B+, BP4X+, RP4X+, NS4X+, BP5X+, RP5X+, NS5X+, BP7X+, RP7X+, NS7X+	NR98U	3
14	NV	LOOP MAKE-UP	Loop Qualification Process (Per Loop) Manual - Zone 1	BP1A+, RP1A+, NS1A+, BP1B+, RP1B+, NS1B+, BP2X+, RP2X+, NS2X, BP3A+, RP3A+, NS3A+, BP3A+, RP3A+, NS3A+, BP3B+, RP3B+, NS3B+, BP4X+, RP4X+, NS4X+, BP5X+, RP5X+, NS5X+, BP7X+, RP7X+, NS7X+	NRBXU	1
14	NV	LOOP MAKE-UP	Loop Qualification Process (Per Loop) Manual - Zone 2	BP1A+, RP1A+, NS1A+, BP1B+, RP1B+, NS1B+, BP2X+, RP2X+, NS2X, BP3A+, RP3A+, NS3A+, BP3A+, RP3A+, NS3A+, BP3B+, RP3B+, NS3B+, BP4X+, RP4X+, NS4X+, BP5X+, RP5X+, NS5X+, BP7X+, RP7X+, NS7X+	NRBXU	2
14	NV	LOOP MAKE-UP	Loop Qualification Process (Per Loop) Manual - Zone 3	BP1A+, RP1A+, NS1A+, BP1B+, RP1B+, NS1B+, BP2X+, RP2X+, NS2X, BP3A+, RP3A+, NS3A+, BP3A+, RP3A+, NS3A+, BP3B+, RP3B+, NS3B+, BP4X+, RP4X+, NS4X+, BP5X+, RP5X+, NS5X+, BP7X+, RP7X+, NS7X+	NRBXU	3

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
14	NV	LOOP MODIFICATION	DSL Conditioning - Removal of Repeaters	BP1A+, RP1A+, NS1A+, BP1B+, RP1B+, NS1B+, BP2X+, RP2X+, NS2X, BP3A+, RP3A+, NS3A+, BP3A+, RP3A+, NS3A+, BP3B+, RP3B+, NS3B+, BP4X+, RP4X+, NS4X+, BP5X+, RP5X+, NS5X+, BP7X+, RP7X+, NS7X+	NRBXV	
14	NV	LOOP MODIFICATION	DSL Conditioning - Incremental Removal of Repeater (> than 17.5 Kft. same location/same cable)	BP1A+, RP1A+, NS1A+, BP1B+, RP1B+, NS1B+, BP2X+, RP2X+, NS2X, BP3A+, RP3A+, NS3A+, BP3A+, RP3A+, NS3A+, BP3B+, RP3B+, NS3B+, BP4X+, RP4X+, NS4X+, BP5X+, RP5X+, NS5X+, BP7X+, RP7X+, NS7X+	NRBNL	
14	NV	LOOP MODIFICATION	DSL Conditioning - Incremental Additional Removal of Repeater (> than 17.5 Kft. same location/different cable)	BP1A+, RP1A+, NS1A+, BP1B+, RP1B+, NS1B+, BP2X+, RP2X+, NS2X, BP3A+, RP3A+, NS3A+, BP3A+, RP3A+, NS3A+, BP3B+, RP3B+, NS3B+, BP4X+, RP4X+, NS4X+, BP5X+, RP5X+, NS5X+, BP7X+, RP7X+, NS7X+	NRBNP	
14	NV	LOOP MODIFICATION	DSL Conditioning - Removal of Bridged Taps and Repeaters	BP1A+, RP1A+, NS1A+, BP1B+, RP1B+, NS1B+, BP2X+, RP2X+, NS2X, BP3A+, RP3A+, NS3A+, BP3A+, RP3A+, NS3A+, BP3B+, RP3B+, NS3B+, BP4X+, RP4X+, NS4X+, BP5X+, RP5X+, NS5X+, BP7X+, RP7X+, NS7X+	NRBXH	
14	NV	LOOP MODIFICATION	DSL Conditioning - Incremental Removal of Bridged Taps and Repeaters (> than 17.5Kft. Same location/same cable)	BP1A+, RP1A+, NS1A+, BP1B+, RP1B+, NS1B+, BP2X+, RP2X+, NS2X, BP3A+, RP3A+, NS3A+, BP3A+, RP3A+, NS3A+, BP3B+, RP3B+, NS3B+, BP4X+, RP4X+, NS4X+, BP5X+, RP5X+, NS5X+, BP7X+, RP7X+, NS7X+	NRBTV	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
14	NV	LOOP MODIFICATION	DSL Conditioning - Incremental Additional Removal of Bridged Taps and Repeaters (> than 17.5K same location/different cable)	BP1A+, RP1A+, NS1A+, BP1B+, RP1B+, NS1B+, BP2X+, RP2X+, NS2X, BP3A+, RP3A+, NS3A+, BP3A+, RP3A+, NS3A+, BP3B+, RP3B+, NS3B+, BP4X+, RP4X+, NS4X+, BP5X+, RP5X+, NS5X+, BP7X+, RP7X+, NS7X+	NRBTW	
14	NV	LOOP MODIFICATION	DSL Conditioning - Removal of Bridged Taps	BP1A+, RP1A+, NS1A+, BP1B+, RP1B+, NS1B+, BP2X+, RP2X+, NS2X, BP3A+, RP3A+, NS3A+, BP3A+, RP3A+, NS3A+, BP3B+, RP3B+, NS3B+, BP4X+, RP4X+, NS4X+, BP5X+, RP5X+, NS5X+, BP7X+, RP7X+, NS7X+	NRBXW	
14	NV	LOOP MODIFICATION	DSL Conditioning - Incremental Removal of Bridged Tap (> than 17.5 Kft. same location/same cable)	BP1A+, RP1A+, NS1A+, BP1B+, RP1B+, NS1B+, BP2X+, RP2X+, NS2X, BP3A+, RP3A+, NS3A+, BP3A+, RP3A+, NS3A+, BP3B+, RP3B+, NS3B+, BP4X+, RP4X+, NS4X+, BP5X+, RP5X+, NS5X+, BP7X+, RP7X+, NS7X+	NRBNK	
14	NV	LOOP MODIFICATION	DSL Conditioning - Incremental Additional Removal of Bridged Tap (> than 17.5 Kft. same location/different cable)	BP1A+, RP1A+, NS1A+, BP1B+, RP1B+, NS1B+, BP2X+, RP2X+, NS2X, BP3A+, RP3A+, NS3A+, BP3A+, RP3A+, NS3A+, BP3B+, RP3B+, NS3B+, BP4X+, RP4X+, NS4X+, BP5X+, RP5X+, NS5X+, BP7X+, RP7X+, NS7X+	NRBNN	
14	NV	LOOP MODIFICATION	DSL Conditioning - Removal of Bridged Taps and Load Coils	BP1A+, RP1A+, NS1A+, BP1B+, RP1B+, NS1B+, BP2X+, RP2X+, NS2X, BP3A+, RP3A+, NS3A+, BP3A+, RP3A+, NS3A+, BP3B+, RP3B+, NS3B+, BP4X+, RP4X+, NS4X+, BP5X+, RP5X+, NS5X+, BP7X+, RP7X+, NS7X+	NRBXF	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
14	NV	LOOP MODIFICATION	DSL Conditioning - Incremental Removal of Load Coil & Bridge Tap (> than 17.5 Kft. same location/same cable)	BP1A+, RP1A+, NS1A+, BP1B+, RP1B+, NS1B+, BP2X+, RP2X+, NS2X, BP3A+, RP3A+, NS3A+, BP3A+, RP3A+, NS3A+, BP3B+, RP3B+, NS3B+, BP4X+, RP4X+, NS4X+, BP5X+, RP5X+, NS5X+, BP7X+, RP7X+, NS7X+	NRBM8	
14	NV	LOOP MODIFICATION	DSL Conditioning - Incremental Additional Removal of Load Coil & Bridge Tap (> 17.5Kft. Same location/different cable)	BP1A+, RP1A+, NS1A+, BP1B+, RP1B+, NS1B+, BP2X+, RP2X+, NS2X, BP3A+, RP3A+, NS3A+, BP3A+, RP3A+, NS3A+, BP3B+, RP3B+, NS3B+, BP4X+, RP4X+, NS4X+, BP5X+, RP5X+, NS5X+, BP7X+, RP7X+, NS7X+	NRBM9	
14	NV	LOOP MODIFICATION	DSL Conditioning - Removal of Load Coils	BP1A+, RP1A+, NS1A+, BP1B+, RP1B+, NS1B+, BP2X+, RP2X+, NS2X, BP3A+, RP3A+, NS3A+, BP3A+, RP3A+, NS3A+, BP3B+, RP3B+, NS3B+, BP4X+, RP4X+, NS4X+, BP5X+, RP5X+, NS5X+, BP7X+, RP7X+, NS7X+	NRBXZ	
14	NV	LOOP MODIFICATION	DSL Conditioning - Incremental Removal of Load Coil (> than 17.5 Kft. same location/same cable)	BP1A+, RP1A+, NS1A+, BP1B+, RP1B+, NS1B+, BP2X+, RP2X+, NS2X, BP3A+, RP3A+, NS3A+, BP3A+, RP3A+, NS3A+, BP3B+, RP3B+, NS3B+, BP4X+, RP4X+, NS4X+, BP5X+, RP5X+, NS5X+, BP7X+, RP7X+, NS7X+	NRBNJ	
14	NV	LOOP MODIFICATION	DSL Conditioning - Incremental Additional Removal of Load Coil (> than 17.5 Kft. same location/different cable)	BP1A+, RP1A+, NS1A+, BP1B+, RP1B+, NS1B+, BP2X+, RP2X+, NS2X, BP3A+, RP3A+, NS3A+, BP3A+, RP3A+, NS3A+, BP3B+, RP3B+, NS3B+, BP4X+, RP4X+, NS4X+, BP5X+, RP5X+, NS5X+, BP7X+, RP7X+, NS7X+	NRBNH	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
14	NV	LOOP MODIFICATION	Remove all Bridged Tap (RABT) - MMP - Removal of non-excessive bridged tap DSL loops >0Kft. And <17.5Kft.		NRMRJ	
14	NV	LOOP MODIFICATION	Remove all Bridged Tap (RABT) - MMP - Removal of All Bridged Tap DSL Loops 12Kft. To 17.5Kft.		NRMRP	
14	NV	LOOP MODIFICATION	Remove all Bridged Tap (RABT) - MMP - Removal of non-excessive bridged tap DSL loops >17.5Kft DSL Loops - per element incremental		NRMRS	
14	NV	LOOP MODIFICATION	Remove all Bridged Tap (RABT) - MMP -		NRMRM	
13	NV	UNBUNDLED EXCHANGE ACCESS LOOP	Network Interface Device - NID Crossconnect			
13	NV	UNBUNDLED EXCHANGE ACCESS LOOP	Cross Connects to Collocation Cage - Analog 2-wire	BCL++, RCL++, L3X++, L4X++, L5X++, L6X++, L7X++, L8X++, L9X++, LAX++, LBX++, LCX++, LWX++, L2X++, L32++, L33++, L36++, LPX++, LTX++	CCDSO	
13	NV	UNBUNDLED EXCHANGE ACCESS LOOP	Cross Connects to Collocation Cage - Analog 2-wire	BCL++, RCL++, L3X++, L4X++, L5X++, L6X++, L7X++, L8X++, L9X++, LAX++, LBX++, LCX++, LWX++, L2X++, L32++, L33++, L36++, LPX++, LTX++	AEE1S	
13	NV	UNBUNDLED EXCHANGE ACCESS LOOP	Cross Connects to Collocation Cage - Analog 4-wire		C2CB4	
13	NV	UNBUNDLED EXCHANGE ACCESS LOOP	Cross Connects to Collocation Cage - Digital 2-wire	B1L++, R1L++, LK1, L56++, L2DC	UCX92	
13	NV	UNBUNDLED EXCHANGE ACCESS LOOP	Cross Connects to Collocation Cage - Digital 4-wire	BDL++	CDS1U	
13	NV	UNBUNDLED EXCHANGE ACCESS LOOP	Cross Connects to Collocation Cage - 2 Wire ADSL Shielded Cross connect to Collocation	BP7X+, RP7X+, NS7X+, BP5X+, RP5X+, NS5X+, BP4X+, RP4X+, NS4X+, BP3A+, RP3A+, NS3A+, BP2X+, RP2X+, NS2X+, BP1A+, RP1A+, NS1A+, BP1B+, RP1B+, NS1B+	UXRRX	
13	NV	UNBUNDLED EXCHANGE ACCESS LOOP	Cross Connects to Collocation Cage - 2-Wire DSL Non-Shielded Cross Connect to Collocation	BP7X+, RP7X+, NS7X+, BP5X+, RP5X+, NS5X+, BP4X+, RP4X+, NS4X+, BP3A+, RP3A+, NS3A+, BP2X+, RP2X+, NS2X+, BP1A+, RP1A+, NS1A+, BP1B+, RP1B+, NS1B+	UCX92	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	NV	UNBUNDLED EXCHANGE ACCESS LOOP	Cross Connects to Collocation Cage - 4-Wire DSL Non-Shielded Cross Connect to Collocation	BP3B+, RP3B+, NS3B+	UCX94	
13	NV	UNBUNDLED EXCHANGE ACCESS LOOP	Cross Connects to Collocation Cage - DS3 C.O. Cross Connect to Collocation	ULUC+	CDS3U	
14	NV	LOOP MODIFICATION	LST performed on CODSLAM Loop	BP1A+, RP1A+, NS1A+, BP1B+, RP1B+, NS1B+, BP2X+, RP2X+, NS2X, BP3A+, RP3A+, NS3A+, BP3A+, RP3A+, NS3A+, BP3B+, RP3B+, NS3B+, BP4X+, RP4X+, NS4X+, BP5X+, RP5X+, NS5X+, BP7X+, RP7X+, NS7X+	URCLD	
13MR-SL	NV	SUB-LOOPS	LST performed on Sub Loop	BP1A+, RP1A+, NS1A+, BP1B+, RP1B+, NS1B+, BP2X+, RP2X+, NS2X, BP3A+, RP3A+, NS3A+, BP3A+, RP3A+, NS3A+, BP3B+, RP3B+, NS3B+, BP4X+, RP4X+, NS4X+, BP5X+, RP5X+, NS5X+, BP7X+, RP7X+, NS7X+	URCLB	
13MR-SL	NV	SUB-LOOPS	ECS to SAI/FDI Subloop Charge 2-Wire Analog Zone 1		U6LSA	1
13MR-SL	NV	SUB-LOOPS	ECS to SAI/FDI Subloop Charge 2-Wire Analog Zone 2		U6LSA	2
13MR-SL	NV	SUB-LOOPS	ECS to SAI/FDI Subloop Charge 2-Wire Analog Zone 3		U6LSA	3
13MR-SL	NV	SUB-LOOPS	ECS to Term Subloop Charge 2-Wire Analog Zone 1		U6LSB	1
13MR-SL	NV	SUB-LOOPS	ECS to Term Subloop Charge 2-Wire Analog Zone 2		U6LSB	2
13MR-SL	NV	SUB-LOOPS	ECS to Term Subloop Charge 2-Wire Analog Zone 3		U6LSB	3
13MR-SL	NV	SUB-LOOPS	ECS to NID Subloop Charge 2-Wire Analog Zone 1		U6LSC	1
13MR-SL	NV	SUB-LOOPS	ECS to NID Subloop Charge 2-Wire Analog Zone 2		U6LSC	2
13MR-SL	NV	SUB-LOOPS	ECS to NID Subloop Charge 2-Wire-Analog Zone 3		U6LSC	3
13MR-SL	NV	SUB-LOOPS	SAI/FDI to Term Subloop Charge 2-Wire Analog Zone 1		U6LSS	1
13MR-SL	NV	SUB-LOOPS	SAI/FDI to Term Subloop Charge 2-WireAnalog Zone 2		U6LSS	2
13MR-SL	NV	SUB-LOOPS	SAI/FDI to Term Subloop Charge 2-Wire Analog Zone 3		U6LSS	3
13MR-SL	NV	SUB-LOOPS	SAI/FDI to NID Subloop Charge 2-Wire Analog Zone 1		U6LST	1
13MR-SL	NV	SUB-LOOPS	SAI/FDI to NID Subloop Charge 2-Wire Analog Zone 2		U6LST	2
13MR-SL	NV	SUB-LOOPS	SAI/FDI to NID Subloop Charge 2-Wire Analog Zone 3		U6LST	3
13MR-SL	NV	SUB-LOOPS	Term to NID Subloop Charge 2-Wire Analog Zone 1		U6LSU	1
13MR-SL	NV	SUB-LOOPS	Term to NID Subloop Charge 2-Wire Analog Zone 2		U6LSU	2

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13MR-SL	NV	SUB-LOOPS	Term to NID Subloop Charge 2-Wire Analog Zone 3		U6LSU	3
13MR-SL	NV	SUB-LOOPS	ECS to SAI/FDI Subloop Charge 4-Wire Analog Zone 1		U6LSA	1
13MR-SL	NV	SUB-LOOPS	ECS to SAI/FDI Subloop Charge 4-Wire Analog Zone 2		U6LSA	2
13MR-SL	NV	SUB-LOOPS	ECS to SAI/FDI Subloop Charge 4-Wire Analog Zone 3		U6LSA	3
13MR-SL	NV	SUB-LOOPS	ECS to Term Subloop Charge 4-Wire Analog Zone 1		U6LSB	1
13MR-SL	NV	SUB-LOOPS	ECS to Term Subloop Charge 4-Wire Analog Zone 2		U6LSB	2
13MR-SL	NV	SUB-LOOPS	ECS to Term Subloop Charge 4-Wire Analog Zone 3		U6LSB	3
13MR-SL	NV	SUB-LOOPS	ECS to NID Subloop Charge 4-Wire Analog Zone 1		U6LSC	1
13MR-SL	NV	SUB-LOOPS	ECS to NID Subloop Charge 4-Wire Analog Zone 2		U6LSC	2
13MR-SL	NV	SUB-LOOPS	ECS to NID Subloop Charge 4-Wire Analog Zone 3		U6LSC	3
13MR-SL	NV	SUB-LOOPS	SAI/FDI to Term Subloop Charge 4-Wire Analog Zone 1		U6LSS	1
13MR-SL	NV	SUB-LOOPS	SAI/FDI to Term Subloop Charge 4-Wire Analog Zone 2		U6LSS	2
13MR-SL	NV	SUB-LOOPS	SAI/FDI to Term Subloop Charge 4-Wire Analog Zone 3		U6LSS	3
13MR-SL	NV	SUB-LOOPS	SAI/FDI to NID Subloop Charge 4-Wire Analog Zone 1		U6LST	1
13MR-SL	NV	SUB-LOOPS	SAI/FDI to NID Subloop Charge 4-Wire Analog Zone 2		U6LST	2
13MR-SL	NV	SUB-LOOPS	SAI/FDI to NID Subloop Charge 4-Wire Analog Zone 3		U6LST	3
13MR-SL	NV	SUB-LOOPS	Term to NID Subloop Charge 4-Wire Analog Zone 1		U6LSU	1
13MR-SL	NV	SUB-LOOPS	Term to NID Subloop Charge 4-Wire Analog Zone 2		U6LSU	2
13MR-SL	NV	SUB-LOOPS	Term to NID Subloop Charge 4-Wire Analog Zone 3		U6LSU	3
13MR-SL	NV	SUB-LOOPS	ECS to SAI/FDI Subloop Charge-2-Wire DSL Zone 1		U6LSA	1
13MR-SL	NV	SUB-LOOPS	ECS to SAI/FDI Subloop Charge 2-Wire DSL Zone 2		U6LSA	2
13MR-SL	NV	SUB-LOOPS	ECS to SAI/FDI Subloop Charge 2-Wire DSL Zone 3		U6LSA	3
13MR-SL	NV	SUB-LOOPS	ECS to Term Subloop Charge 2-Wire DSL Zone 1		U6LSB	1
13MR-SL	NV	SUB-LOOPS	ECS to Term Subloop Charge 2-Wire DSL Zone 2		U6LSB	2
13MR-SL	NV	SUB-LOOPS	ECS to Term Subloop Charge-2-Wire DSL Zone 3		U6LSB	3
13MR-SL	NV	SUB-LOOPS	ECS to NID Subloop Charge-2-Wire DSL Zone 1		U6LSC	1
13MR-SL	NV	SUB-LOOPS	ECS to NID Subloop Charge-2-Wire DSL Zone 2		U6LSC	2
13MR-SL	NV	SUB-LOOPS	ECS to NID Subloop Charge 2-Wire DSL Zone 3		U6LSC	3
13MR-SL	NV	SUB-LOOPS	SAI/FDI to Term Subloop Charge 2-Wire DSL Zone 1		U6LSS	1
13MR-SL	NV	SUB-LOOPS	SAI/FDI to Term Subloop Charge 2-Wire DSL Zone 2		U6LSS	2
13MR-SL	NV	SUB-LOOPS	SAI/FDI to Term Subloop Charge 2-Wire DSL Zone 3		U6LSS	3
13MR-SL	NV	SUB-LOOPS	SAI/FDI to NID Subloop Charge 2-Wire DSL Zone 1		U6LST	1
13MR-SL	NV	SUB-LOOPS	SAI/FDI to NID Subloop Charge-2-Wire DSL Zone 2		U6LST	2
13MR-SL	NV	SUB-LOOPS	SAI/FDI to NID Subloop Charge 2-Wire DSL Zone 3		U6LST	3

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13MR-SL	NV	SUB-LOOPS	Term to NID Subloop Charge 2-Wire DSL Zone 1		U6LSU	1
13MR-SL	NV	SUB-LOOPS	Term to NID Subloop Charge 2-Wire DSL Zone 2		U6LSU	2
13MR-SL	NV	SUB-LOOPS	Term to NID Subloop Charge 2-Wire DSL Zone 3		U6LSU	3
13MR-SL	NV	SUB-LOOPS	ECS to SAI/FDI Subloop Charge 4-Wire DSL Zone 1		U6LSA	1
13MR-SL	NV	SUB-LOOPS	ECS to SAI/FDI Subloop Charge 4-Wire DSL Zone 2		U6LSA	2
13MR-SL	NV	SUB-LOOPS	ECS to SAI/FDI Subloop Charge 4-Wire DSL Zone 3		U6LSA	3
13MR-SL	NV	SUB-LOOPS	ECS to Term Subloop Charge 4-Wire DSL Zone 1		U6LSB	1
13MR-SL	NV	SUB-LOOPS	ECS to Term Subloop Charge 4-Wire DSL Zone 2		U6LSB	2
13MR-SL	NV	SUB-LOOPS	ECS to Term Subloop Charge 4-Wire DSL Zone 3		U6LSB	3
13MR-SL	NV	SUB-LOOPS	ECS to NID Subloop Charge 4-Wire DSL Zone 1		U6LSC	1
13MR-SL	NV	SUB-LOOPS	ECS to NID Subloop Charge 4-Wire DSL Zone 2		U6LSC	2
13MR-SL	NV	SUB-LOOPS	ECS to NID Subloop Charge 4-Wire DSL Zone 3		U6LSC	3
13MR-SL	NV	SUB-LOOPS	SAI/FDI to Term Subloop Charge 4-Wire DSL Zone 1		U6LSS	1
13MR-SL	NV	SUB-LOOPS	SAI/FDI to Term Subloop Charge 4-Wire DSL Zone 2		U6LSS	2
13MR-SL	NV	SUB-LOOPS	SAI/FDI to Term Subloop Charge 4-Wire DSL Zone 3		U6LSS	3
13MR-SL	NV	SUB-LOOPS	SAI/FDI to NID Subloop Charge 4-Wire DSL Zone 1		U6LST	1
13MR-SL	NV	SUB-LOOPS	SAI/FDI to NID Subloop Charge 4-Wire DSL Zone 2		U6LST	2
13MR-SL	NV	SUB-LOOPS	SAI/FDI to NID Subloop Charge 4-Wire DSL Zone 3		U6LST	3
13MR-SL	NV	SUB-LOOPS	Term to NID Subloop Charge 4-Wire DSL Zone 1		U6LSU	1
13MR-SL	NV	SUB-LOOPS	Term to NID Subloop Charge 4-Wire DSL Zone 2		U6LSU	2
13MR-SL	NV	SUB-LOOPS	Term to NID Subloop Charge 4-Wire DSL Zone 3		U6LSU	3
13MR-SL	NV	SUB-LOOPS	Subloop Cross Connect 2-Wire Analog Non-Central Office Originating		UCSC6	
13MR-SL	NV	SUB-LOOPS	Subloop Cross Connect 4-Wire Analog Non-Central Office Originating		UCNC6	
13MR-SL	NV	SUB-LOOPS	Subloop Cross Connect 2-Wire DSL Non-Central Office Originating		UCSC6	
13MR-SL	NV	SUB-LOOPS	Subloop Cross Connect 4-Wire DSL Non-Central Office Originating		UCNC6	
13MR-SL	NV	SUB-LOOPS	Subloop Cross Connect 2-Wire Digital (ISDN) Non-Central Office Originating		UCSC6	
13MR-SL	NV	SUB-LOOPS	Subloop Cross Connect DS1 Non-Central Office Originating		UCNC6	
13MR-SL	NV	SUB-LOOPS	Subloop Cross Connect DS3 Non-Central Office Originating		UCNC6	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	NV	UNBUNDLED DEDICATED TRANSPORT	Cross Connects to Point of Access (POA) - Analog Loop to POA - 2-Wire - Method 1	BCL++, RCL++, L3X++, L4X++, L5X++, L6X++, L7X++, L8X++, L9X++, LAX++, LBX++, LCX++, LWX++, L2X++, L32++, L33++, L36++, LPX++, LTX++	UXRA1	1
13	NV	UNBUNDLED DEDICATED TRANSPORT	Cross Connects to Point of Access (POA) - Analog Loop to POA - 2-Wire - Method 2	BCL++, RCL++, L3X++, L4X++, L5X++, L6X++, L7X++, L8X++, L9X++, LAX++, LBX++, LCX++, LWX++, L2X++, L32++, L33++, L36++, LPX++, LTX++	UXRA2	2
13	NV	UNBUNDLED DEDICATED TRANSPORT	Cross Connects to Point of Access (POA) - Analog Loop to POA - 2-Wire - Method 3	BCL++, RCL++, L3X++, L4X++, L5X++, L6X++, L7X++, L8X++, L9X++, LAX++, LBX++, LCX++, LWX++, L2X++, L32++, L33++, L36++, LPX++, LTX++	UXRA5	3
13	NV	UNBUNDLED DEDICATED TRANSPORT	Cross Connects to Point of Access (POA) - Analog Loop to POA - 4-Wire - Method 1		UXRB1	1
13	NV	UNBUNDLED DEDICATED TRANSPORT	Cross Connects to Point of Access (POA) - Analog Loop to POA - 4-Wire - Method 2		UXRB2	2
13	NV	UNBUNDLED DEDICATED TRANSPORT	Cross Connects to Point of Access (POA) - Analog Loop to POA - 4-Wire - Method 3		UXRB5	3
13	NV	UNBUNDLED DEDICATED TRANSPORT	Cross Connects to Point of Access (POA) - Digital Loop to POA - 2-Wire - Method 1	B1L++, R1L++, LK1, L56++, L2DC	UXRA1	1
13	NV	UNBUNDLED DEDICATED TRANSPORT	Cross Connects to Point of Access (POA) - Digital Loop to POA - 2-Wire - Method 2	B1L++, R1L++, LK1, L56++, L2DC	UXRA2	2
13	NV	UNBUNDLED DEDICATED TRANSPORT	Cross Connects to Point of Access (POA) - Digital Loop to POA - 2-Wire - Method 3	B1L++, R1L++, LK1, L56++, L2DC	UXRA5	3
13	NV	UNBUNDLED DEDICATED TRANSPORT	Cross Connects to Point of Access (POA) - Digital Loop to POA - 4-Wire - Method 1	BDL++	UXRB1	1
13	NV	UNBUNDLED DEDICATED TRANSPORT	Cross Connects to Point of Access (POA) - Digital Loop to POA - 4-Wire - Method 2	BDL++	UXRB2	2
13	NV	UNBUNDLED DEDICATED TRANSPORT	Cross Connects to Point of Access (POA) - Digital Loop to POA - 4-Wire - Method 3	BDL++	UXRB5	3
13	NV	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport - DS1 Interoffice Transport - Statewide - Fixed (per termination)	CT1++, EE7M+	1L5UB	
13	NV	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport - DS1 Interoffice Transport - Statewide - Variable (per mile)	CT3++, EE7P+, EE7Q+	1L5UB	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	NV	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport - DS3 Interoffice Transport - Statewide - Fixed (per termination)	CT1++, EE7M+	1L5UB	
13	NV	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport - DS3 Interoffice Transport - Statewide - Variable (per mile)	CT3++, EE7P+, EE7Q+	1L5UB	
13	NV	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Cross Connect - DS1 to Collocation			
13	NV	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Cross Connect - DS3 to Collocation			
13	NV	UNBUNDLED DEDICATED TRANSPORT	Multiplexing - DS1 / Voice Grade	CT1++, EE7M+	MQ1UB	
13	NV	UNBUNDLED DEDICATED TRANSPORT	Multiplexing - DS3 / DS1	CT3++, EE7P+, EE7Q+	MQ3UB	
13	NV	UNBUNDLED EXCHANGE ACCESS LOOP	Order/Channel Loops Connect - 2-Wire Basic - Initial (Manual/Fax - Simple)	EE7T+, EE7U+, BCL++, RCL++, L3X++, L4X++, L5X++, L6X++, L7X++, L8X++, L9X++, LAX++, LBX++, LCX++, LWX++, L1X++, LK2CA, L2X++, L32++, L33++, L36++, LPX++, LTX++	HOXO8	
13	NV	UNBUNDLED EXCHANGE ACCESS LOOP	Order/Channel Loops Connect - 2-Wire Basic - Initial (CESAR/LEX - Simple)	EE7T+, EE7U+, BCL++, RCL++, L3X++, L4X++, L5X++, L6X++, L7X++, L8X++, L9X++, LAX++, LBX++, LCX++, LWX++, L1X++, LK2CA, L2X++, L32++, L33++, L36++, LPX++, LTX++	XOXO8	
13	NV	UNBUNDLED EXCHANGE ACCESS LOOP	Order/Channel Loops Connect - 2-Wire Basic - Initial (Mechanized)	EE7T+, EE7U+, BCL++, RCL++, L3X++, L4X++, L5X++, L6X++, L7X++, L8X++, L9X++, LAX++, LBX++, LCX++, LWX++, L1X++, LK2CA, L2X++, L32++, L33++, L36++, LPX++, LTX++	MOXO8	
13	NV	UNBUNDLED EXCHANGE ACCESS LOOP	Order/Channel Loops Connect - 2-Wire ASSURED - Initial (Manual/Fax - Simple)	EE7T+, EE7U+, BCL++, RCL++, L3X++, L4X++, L5X++, L6X++, L7X++, L8X++, L9X++, LAX++, LBX++, LCX++, LWX++, L1X++, LK2CA, L2X++, L32++, L33++, L36++, LPX++, LTX++	HOX12	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	NV	UNBUNDLED EXCHANGE ACCESS LOOP	Order/Channel Loops Connect - 2-Wire ASSURED - Initial (CESAR/LEX - Simple)	EE7T+, EE7U+, BCL++, RCL++,L3X++, L4X++, L5X++, L6X++, L7X++, L8X++, L9X++, LAX++, LBX++, LCX++, LWX++, L1X++, LK2CA, L2X++, L32++, L33++, L36++, LPX++, LTX++	XOX12	
13	NV	UNBUNDLED EXCHANGE ACCESS LOOP	Order/Channel Loops Connect - 2-Wire ASSURED - Initial (Mechanized)	EE7T+, EE7U+, BCL++, RCL++,L3X++, L4X++, L5X++, L6X++, L7X++, L8X++, L9X++, LAX++, LBX++, LCX++, LWX++, L1X++, LK2CA, L2X++, L32++, L33++, L36++, LPX++, LTX++	MOX12	
13	NV	UNBUNDLED EXCHANGE ACCESS LOOP	Order/Channel Loops Connect - 4-Wire Basic - Initial (Manual/Fax - Simple)	LK4WA	HOX55	
13	NV	UNBUNDLED EXCHANGE ACCESS LOOP	Order/Channel Loops Connect - 4-Wire Basic - Initial (CESAR/LEX - Simple)	LK4WA	XOX55	
13	NV	UNBUNDLED EXCHANGE ACCESS LOOP	Order/Channel Loops Connect - 4-Wire Basic - Initial (Mechanized)	LK4WA		
13	NV	UNBUNDLED EXCHANGE ACCESS LOOP	Order/Channel Loops Disconnect - 2-Wire Basic - Initial (Manual/Fax - Simple)	EE7T+, EE7U+, BCL++, RCL++,L3X++, L4X++, L5X++, L6X++, L7X++, L8X++, L9X++, LAX++, LBX++, LCX++, LWX++, L1X++, LK2CA, L2X++, L32++, L33++, L36++, LPX++, LTX++	HOX10	
13	NV	UNBUNDLED EXCHANGE ACCESS LOOP	Order/Channel Loops Disconnect - 2-Wire Basic - Initial (CESAR/LEX - Simple)	EE7T+, EE7U+, BCL++, RCL++,L3X++, L4X++, L5X++, L6X++, L7X++, L8X++, L9X++, LAX++, LBX++, LCX++, LWX++, L1X++, LK2CA, L2X++, L32++, L33++, L36++, LPX++, LTX++	XOX10	
13	NV	UNBUNDLED EXCHANGE ACCESS LOOP	Order/Channel Loops Disconnect - 2-Wire Basic - Initial (Mechanized)	EE7T+, EE7U+, BCL++, RCL++,L3X++, L4X++, L5X++, L6X++, L7X++, L8X++, L9X++, LAX++, LBX++, LCX++, LWX++, L1X++, LK2CA, L2X++, L32++, L33++, L36++, LPX++, LTX++	MOX10	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	NV	UNBUNDLED EXCHANGE ACCESS LOOP	Order/Channel Loops Disconnect - 2-Wire ASSURED - Initial (Manual/Fax - Simple)	EE7T+, EE7U+, BCL++, RCL++,L3X++, L4X++, L5X++, L6X++, L7X++, L8X++, L9X++, LAX++, LBX++, LCX++, LWX++, L1X++, LK2CA, L2X++, L32++, L33++, L36++, LPX++, LTX++	HOX14	
13	NV	UNBUNDLED EXCHANGE ACCESS LOOP	Order/Channel Loops Disconnect - 2-Wire ASSURED - Initial (CESAR/LEX - Simple)	EE7T+, EE7U+, BCL++, RCL++,L3X++, L4X++, L5X++, L6X++, L7X++, L8X++, L9X++, LAX++, LBX++, LCX++, LWX++, L1X++, LK2CA, L2X++, L32++, L33++, L36++, LPX++, LTX++	XOX14	
13	NV	UNBUNDLED EXCHANGE ACCESS LOOP	Order/Channel Loops Disconnect - 2-Wire ASSURED - Initial (Mechanized)	EE7T+, EE7U+, BCL++, RCL++,L3X++, L4X++, L5X++, L6X++, L7X++, L8X++, L9X++, LAX++, LBX++, LCX++, LWX++, L1X++, LK2CA, L2X++, L32++, L33++, L36++, LPX++, LTX++	MOX14	
13	NV	UNBUNDLED EXCHANGE ACCESS LOOP	Order/Channel Loops Disconnect - 4-Wire Basic - Initial (Manual/Fax - Simple)	LK4WA	HOX56	
13	NV	UNBUNDLED EXCHANGE ACCESS LOOP	Order/Channel Loops Disconnect - 4-Wire Basic - Initial (CESAR/LEX - Simple)	LK4WA	XOX56	
13	NV	UNBUNDLED EXCHANGE ACCESS LOOP	Order/Channel Loops Disconnect - 4-Wire Basic - Initial (Mechanized)	LK4WA		
13	NV	UNBUNDLED EXCHANGE ACCESS LOOP	Order/Channel Loops Change - 2-Wire Basic - Initial (Manual/Fax - Simple)	EE7T+, EE7U+, BCL++, RCL++,L3X++, L4X++, L5X++, L6X++, L7X++, L8X++, L9X++, LAX++, LBX++, LCX++, LWX++, L1X++, LK2CA, L2X++, L32++, L33++, L36++, LPX++, LTX++	HOX69	
13	NV	UNBUNDLED EXCHANGE ACCESS LOOP	Order/Channel Loops Change - 2-Wire Basic - Initial (CESAR/LEX - Simple)	EE7T+, EE7U+, BCL++, RCL++,L3X++, L4X++, L5X++, L6X++, L7X++, L8X++, L9X++, LAX++, LBX++, LCX++, LWX++, L1X++, LK2CA, L2X++, L32++, L33++, L36++, LPX++, LTX++	XOX69	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	NV	UNBUNDLED EXCHANGE ACCESS LOOP	Order/Channel Loops Change - 2-Wire Basic - Initial (Mechanized)	EE7T+, EE7U+, BCL++, RCL++,L3X++, L4X++, L5X++, L6X++, L7X++, L8X++, L9X++, LAX++, LBX++, LCX++, LWX++, L1X++, LK2CA, L2X++, L32++, L33++, L36++, LPX++, LTX++	MOX69	
13	NV	UNBUNDLED EXCHANGE ACCESS LOOP	Order/Channel Loops Change - 2-Wire ASSURED - Initial (Manual/Fax - Simple)	EE7T+, EE7U+, BCL++, RCL++,L3X++, L4X++, L5X++, L6X++, L7X++, L8X++, L9X++, LAX++, LBX++, LCX++, LWX++, L1X++, LK2CA, L2X++, L32++, L33++, L36++, LPX++, LTX++	HOX13	
13	NV	UNBUNDLED EXCHANGE ACCESS LOOP	Order/Channel Loops Change - 2-Wire ASSURED - Initial (CESAR/LEX - Simple)	EE7T+, EE7U+, BCL++, RCL++,L3X++, L4X++, L5X++, L6X++, L7X++, L8X++, L9X++, LAX++, LBX++, LCX++, LWX++, L1X++, LK2CA, L2X++, L32++, L33++, L36++, LPX++, LTX++	XOX13	
13	NV	UNBUNDLED EXCHANGE ACCESS LOOP	Order/Channel Loops Change - 2-Wire ASSURED - Initial (Mechanized)	EE7T+, EE7U+, BCL++, RCL++,L3X++, L4X++, L5X++, L6X++, L7X++, L8X++, L9X++, LAX++, LBX++, LCX++, LWX++, L1X++, LK2CA, L2X++, L32++, L33++, L36++, LPX++, LTX++	MOX13	
13	NV	UNBUNDLED EXCHANGE ACCESS LOOP	Order/Channel Loops Change - 4-Wire Basic - Initial (Manual/Fax - Simple)	LK4WA	HOX57	
13	NV	UNBUNDLED EXCHANGE ACCESS LOOP	Order/Channel Loops Change - 4-Wire Basic - Initial (CESAR/LEX - Simple)	LK4WA	XOX57	
13	NV	UNBUNDLED EXCHANGE ACCESS LOOP	Order/Channel Loops Change - 4-Wire Basic - Initial (Mechanized)	LK4WA		
13	NV	UNBUNDLED EXCHANGE ACCESS LOOP	Order/Channel Loops Record - 2-Wire Basic - Initial (Manual/Fax - Simple)	EE7T+, EE7U+, BCL++, RCL++,L3X++, L4X++, L5X++, L6X++, L7X++, L8X++, L9X++, LAX++, LBX++, LCX++, LWX++, L1X++, LK2CA, L2X++, L32++, L33++, L36++, LPX++, LTX++	HOCH2	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	NV	UNBUNDLED EXCHANGE ACCESS LOOP	Order/Channel Loops Record - 2-Wire Basic - Initial (CESAR/LEX - Simple)	EE7T+, EE7U+, BCL++, RCL++,L3X++, L4X++, L5X++, L6X++, L7X++, L8X++, L9X++, LAX++, LBX++, LCX++, LWX++, L1X++, LK2CA, L2X++, L32++, L33++, L36++, LPX++, LTX++	SOCH2	
13	NV	UNBUNDLED EXCHANGE ACCESS LOOP	Order/Channel Loops Record - 2-Wire Basic - Initial (Mechanized)	EE7T+, EE7U+, BCL++, RCL++,L3X++, L4X++, L5X++, L6X++, L7X++, L8X++, L9X++, LAX++, LBX++, LCX++, LWX++, L1X++, LK2CA, L2X++, L32++, L33++, L36++, LPX++, LTX++		
13	NV	UNBUNDLED EXCHANGE ACCESS LOOP	Order/Channel Loops Record - 2-Wire ASSURED - Initial (Manual/Fax - Simple)	EE7T+, EE7U+, BCL++, RCL++,L3X++, L4X++, L5X++, L6X++, L7X++, L8X++, L9X++, LAX++, LBX++, LCX++, LWX++, L1X++, LK2CA, L2X++, L32++, L33++, L36++, LPX++, LTX++	HOCH2	
13	NV	UNBUNDLED EXCHANGE ACCESS LOOP	Order/Channel Loops Record - 2-Wire ASSURED - Initial (CESAR/LEX - Simple)	EE7T+, EE7U+, BCL++, RCL++,L3X++, L4X++, L5X++, L6X++, L7X++, L8X++, L9X++, LAX++, LBX++, LCX++, LWX++, L1X++, LK2CA, L2X++, L32++, L33++, L36++, LPX++, LTX++	SOCH2	
13	NV	UNBUNDLED EXCHANGE ACCESS LOOP	Order/Channel Loops Record - 2-Wire ASSURED - Initial (Mechanized)	EE7T+, EE7U+, BCL++, RCL++,L3X++, L4X++, L5X++, L6X++, L7X++, L8X++, L9X++, LAX++, LBX++, LCX++, LWX++, L1X++, LK2CA, L2X++, L32++, L33++, L36++, LPX++, LTX++		
13	NV	UNBUNDLED EXCHANGE ACCESS LOOP	Order/Channel Loops Record - 4-Wire Basic - Initial (Manual/Fax - Simple)	LK4WA	HOCH7	
13	NV	UNBUNDLED EXCHANGE ACCESS LOOP	Order/Channel Loops Record - 4-Wire Basic - Initial (CESAR/LEX - Simple)	LK4WA	SOCH7	
13	NV	UNBUNDLED EXCHANGE ACCESS LOOP	Order/Channel Loops Record - 4-Wire Basic - Initial (Mechanized)	LK4WA		

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	NV	UNBUNDLED EXCHANGE ACCESS LOOP	DSL Capable Loops - Connect - 2-Wire Digital ISDN/IDSL - Initial (Manual/Fax - Simple)	EE9E+, EE9F+, B1L++, R1L++, LK1, L56++, L2DC	HOX32	
13	NV	UNBUNDLED EXCHANGE ACCESS LOOP	DSL Capable Loops - Connect - 2-Wire Digital ISDN/IDSL - Initial (CESAR/LEX - Simple)	EE9E+, EE9F+, B1L++, R1L++, LK1, L56++, L2DC	XOX32	
13	NV	UNBUNDLED EXCHANGE ACCESS LOOP	DSL Capable Loops - Connect - 2-Wire Digital ISDN/IDSL - Initial (Mechanized)	EE9E+, EE9F+, B1L++, R1L++, LK1, L56++, L2DC	MOX32	
13	NV	UNBUNDLED EXCHANGE ACCESS LOOP	DSL Capable Loops - Connect - 2-Wire xDSL Loop - Initial (Manual/Fax - Simple)	EE9E+, EE9F+, B1L++, R1L++, LK1, L56++, L2DC	HOX32	
13	NV	UNBUNDLED EXCHANGE ACCESS LOOP	DSL Capable Loops - Connect - 2-Wire xDSL Loop - Initial (CESAR/LEX - Simple)	EE9E+, EE9F+, B1L++, R1L++, LK1, L56++, L2DC	XOX32	
13	NV	UNBUNDLED EXCHANGE ACCESS LOOP	DSL Capable Loops - Connect - 2-Wire xDSL Loop - Initial (Mechanized)	EE9E+, EE9F+, B1L++, R1L++, LK1, L56++, L2DC	MOX32	
13	NV	UNBUNDLED EXCHANGE ACCESS LOOP	DSL Capable Loops - Connect - 4-Wire xDSL Loop - Initial (Manual/Fax - Simple)		HOX32	
13	NV	UNBUNDLED EXCHANGE ACCESS LOOP	DSL Capable Loops - Connect - 4-Wire xDSL Loop - Initial (CESAR/LEX - Simple)		XOX32	
13	NV	UNBUNDLED EXCHANGE ACCESS LOOP	DSL Capable Loops - Connect - 4-Wire xDSL Loop - Initial (Mechanized)		MOX32	
13	NV	UNBUNDLED EXCHANGE ACCESS LOOP	DSL Capable Loops - Connect - DS3 Loop - Initial (Manual/Fax - Complex)		HOX32	
13	NV	UNBUNDLED EXCHANGE ACCESS LOOP	DSL Capable Loops - Connect - DS3 Loop - Initial (CESAR/LEX - Complex)		XOX32	
13	NV	UNBUNDLED EXCHANGE ACCESS LOOP	DSL Capable Loops - Connect - DS3 Loop - Initial (Mechanized)		MOX32	
13	NV	UNBUNDLED EXCHANGE ACCESS LOOP	DSL Capable Loops - Disconnect - 2-Wire Digital ISDN/IDSL - Initial (Manual/Fax - Simple)	EE9E+, EE9F+, B1L++, R1L++, LK1, L56++, L2DC	HOX34	
13	NV	UNBUNDLED EXCHANGE ACCESS LOOP	DSL Capable Loops - Disconnect - 2-Wire Digital ISDN/IDSL - Initial (CESAR/LEX - Simple)	EE9E+, EE9F+, B1L++, R1L++, LK1, L56++, L2DC	XOX34	
13	NV	UNBUNDLED EXCHANGE ACCESS LOOP	DSL Capable Loops - Disconnect - 2-Wire Digital ISDN/IDSL - Initial (Mechanized)	EE9E+, EE9F+, B1L++, R1L++, LK1, L56++, L2DC	MOX34	
13	NV	UNBUNDLED EXCHANGE ACCESS LOOP	DSL Capable Loops - Disconnect - 2-Wire xDSL Loop - Initial (Manual/Fax - Simple)	EE9E+, EE9F+, B1L++, R1L++, LK1, L56++, L2DC	HOX34	
13	NV	UNBUNDLED EXCHANGE ACCESS LOOP	DSL Capable Loops - Disconnect - 2-Wire xDSL Loop - Initial (CESAR/LEX - Simple)	EE9E+, EE9F+, B1L++, R1L++, LK1, L56++, L2DC	XOX34	
13	NV	UNBUNDLED EXCHANGE ACCESS LOOP	DSL Capable Loops - Disconnect - 2-Wire xDSL Loop - Initial (Mechanized)	EE9E+, EE9F+, B1L++, R1L++, LK1, L56++, L2DC	MOX34	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	NV	UNBUNDLED EXCHANGE ACCESS LOOP	DSL Capable Loops - Disconnect - 4-Wire xDSL Loop - Initial (Manual/Fax - Simple)	BP3B+, RP3B+, NS3B+	HOX34	
13	NV	UNBUNDLED EXCHANGE ACCESS LOOP	DSL Capable Loops - Disconnect - 4-Wire xDSL Loop - Initial (CESAR/LEX - Simple)	BP3B+, RP3B+, NS3B+	XOX34	
13	NV	UNBUNDLED EXCHANGE ACCESS LOOP	DSL Capable Loops - Disconnect - 4-Wire xDSL Loop - Initial (Mechanized)	BP3B+, RP3B+, NS3B+	MOX34	
13	NV	UNBUNDLED EXCHANGE ACCESS LOOP	DSL Capable Loops - Disconnect - DS3 Loop - Initial (Manual/Fax - Complex)	ULUC+, EE7P+, EE7Q+	HOX34	
13	NV	UNBUNDLED EXCHANGE ACCESS LOOP	DSL Capable Loops - Disconnect - DS3 Loop - Initial (CESAR/LEX - Complex)	ULUC+, EE7P+, EE7Q+	XOX34	
13	NV	UNBUNDLED EXCHANGE ACCESS LOOP	DSL Capable Loops - Disconnect - DS3 Loop - Initial (Mechanized)	ULUC+, EE7P+, EE7Q+	MOX34	
13	NV	UNBUNDLED EXCHANGE ACCESS LOOP	DSL Capable Loops - Change - 2-Wire Digital ISDN/IDSL - Initial (Manual/Fax - Simple)	EE9E+, EE9F+, B1L++, R1L++, LK1, L56++, L2DC	HOX33	
13	NV	UNBUNDLED EXCHANGE ACCESS LOOP	DSL Capable Loops - Change - 2-Wire Digital ISDN/IDSL - Initial (CESAR/LEX - Simple)	EE9E+, EE9F+, B1L++, R1L++, LK1, L56++, L2DC	XOX33	
13	NV	UNBUNDLED EXCHANGE ACCESS LOOP	DSL Capable Loops - Change - 2-Wire Digital ISDN/IDSL - Initial (Mechanized)	EE9E+, EE9F+, B1L++, R1L++, LK1, L56++, L2DC		
13	NV	UNBUNDLED EXCHANGE ACCESS LOOP	DSL Capable Loops - Change - 2-Wire xDSL Loop - Initial (Manual/Fax - Simple)	BP1A+, RP1A+, NS1A+, BP1B+, RP1B+, NS1B+, BP2X+, RP2X+, NS2X+, BP3A+, RP3A+, NS3A+, BP4X+, RP4X+, NS4X+, BP5X+, RP5X+, NS5X+, BP7X+, RP7X+, NS7X+	HOX33	
13	NV	UNBUNDLED EXCHANGE ACCESS LOOP	DSL Capable Loops - Change - 2-Wire xDSL Loop - Initial (CESAR/LEX - Simple)	BP1A+, RP1A+, NS1A+, BP1B+, RP1B+, NS1B+, BP2X+, RP2X+, NS2X+, BP3A+, RP3A+, NS3A+, BP4X+, RP4X+, NS4X+, BP5X+, RP5X+, NS5X+, BP7X+, RP7X+, NS7X+	XOX33	
13	NV	UNBUNDLED EXCHANGE ACCESS LOOP	DSL Capable Loops - Change - 2-Wire xDSL Loop - Initial (Mechanized)	BP1A+, RP1A+, NS1A+, BP1B+, RP1B+, NS1B+, BP2X+, RP2X+, NS2X+, BP3A+, RP3A+, NS3A+, BP4X+, RP4X+, NS4X+, BP5X+, RP5X+, NS5X+, BP7X+, RP7X+, NS7X+		

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	NV	UNBUNDLED EXCHANGE ACCESS LOOP	DSL Capable Loops - Change - 4-Wire xDSL Loop - Initial (Manual/Fax - Simple)	BP3B+, RP3B+, NS3B+	HOX33	
13	NV	UNBUNDLED EXCHANGE ACCESS LOOP	DSL Capable Loops - Change - 4-Wire xDSL Loop - Initial (CESAR/LEX - Simple)	BP3B+, RP3B+, NS3B+	XOX33	
13	NV	UNBUNDLED EXCHANGE ACCESS LOOP	DSL Capable Loops - Change - 4-Wire xDSL Loop - Initial (Mechanized)	BP3B+, RP3B+, NS3B+		
13	NV	UNBUNDLED EXCHANGE ACCESS LOOP	DSL Capable Loops - Change - DS3 Loop - Initial (Manual/Fax - Complex)	ULUC+, EE7P+, EE7Q+	HOX33	
13	NV	UNBUNDLED EXCHANGE ACCESS LOOP	DSL Capable Loops - Change - DS3 Loop - Initial (CESAR/LEX - Complex)	ULUC+, EE7P+, EE7Q+	XOX33	
13	NV	UNBUNDLED EXCHANGE ACCESS LOOP	DSL Capable Loops - Change - DS3 Loop - Initial (Mechanized)	ULUC+, EE7P+, EE7Q+		
13	NV	UNBUNDLED EXCHANGE ACCESS LOOP	DSL Capable Loops - Record - 2-Wire Digital ISDN/IDSL - Initial (Manual/Fax - Simple)	BP1A+, RP1A+, NS1A+, BP1B+, RP1B+, NS1B+, BP2X+, RP2X+, NS2X+, BP3A+, RP3A+, NS3A+, BP4X+, RP4X+, NS4X+, BP5X+, RP5X+, NS5X+, BP7X+, RP7X+, NS7X+	HOCH2	
13	NV	UNBUNDLED EXCHANGE ACCESS LOOP	DSL Capable Loops - Record - 2-Wire Digital ISDN/IDSL - Initial (CESAR/LEX - Simple)	BP1A+, RP1A+, NS1A+, BP1B+, RP1B+, NS1B+, BP2X+, RP2X+, NS2X+, BP3A+, RP3A+, NS3A+, BP4X+, RP4X+, NS4X+, BP5X+, RP5X+, NS5X+, BP7X+, RP7X+, NS7X+	SOCH2	
13	NV	UNBUNDLED EXCHANGE ACCESS LOOP	DSL Capable Loops - Record - 2-Wire Digital ISDN/IDSL - Initial (Mechanized)	BP1A+, RP1A+, NS1A+, BP1B+, RP1B+, NS1B+, BP2X+, RP2X+, NS2X+, BP3A+, RP3A+, NS3A+, BP4X+, RP4X+, NS4X+, BP5X+, RP5X+, NS5X+, BP7X+, RP7X+, NS7X+		
13	NV	UNBUNDLED EXCHANGE ACCESS LOOP	DSL Capable Loops - Record - 2-Wire xDSL Loop - Initial (Manual/Fax - Simple)	BP1A+, RP1A+, NS1A+, BP1B+, RP1B+, NS1B+, BP2X+, RP2X+, NS2X+, BP3A+, RP3A+, NS3A+, BP4X+, RP4X+, NS4X+, BP5X+, RP5X+, NS5X+, BP7X+, RP7X+, NS7X+	HOCH2	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	NV	UNBUNDLED EXCHANGE ACCESS LOOP	DSL Capable Loops - Record - 2-Wire xDSL Loop - Initial (CESAR/LEX - Simple)	BP1A+, RP1A+, NS1A+, BP1B+, RP1B+, NS1B+, BP2X+, RP2X+, NS2X+, BP3A+, RP3A+, NS3A+, BP4X+, RP4X+, NS4X+, BP5X+, RP5X+, NS5X+, BP7X+, RP7X+, NS7X+	SOCH2	
13	NV	UNBUNDLED EXCHANGE ACCESS LOOP	DSL Capable Loops - Record - 2-Wire xDSL Loop - Initial (Mechanized)	BP1A+, RP1A+, NS1A+, BP1B+, RP1B+, NS1B+, BP2X+, RP2X+, NS2X+, BP3A+, RP3A+, NS3A+, BP4X+, RP4X+, NS4X+, BP5X+, RP5X+, NS5X+, BP7X+, RP7X+, NS7X+		
13	NV	UNBUNDLED EXCHANGE ACCESS LOOP	DSL Capable Loops - Record - 4-Wire xDSL Loop - Initial (Manual/Fax - Simple)	BP3B+, RP3B+, NS3B+	HOCH2	
13	NV	UNBUNDLED EXCHANGE ACCESS LOOP	DSL Capable Loops - Record - 4-Wire xDSL Loop - Initial (CESAR/LEX - Simple)	BP3B+, RP3B+, NS3B+	SOCH2	
13	NV	UNBUNDLED EXCHANGE ACCESS LOOP	DSL Capable Loops - Record - 4-Wire xDSL Loop - Initial (Mechanized)	BP3B+, RP3B+, NS3B+		
13	NV	UNBUNDLED EXCHANGE ACCESS LOOP	DSL Capable Loops - Record - DS3 Loop - Initial (Manual/Fax - Complex)	ULUC+, EE7P+, EE7Q+	HOCH7	
13	NV	UNBUNDLED EXCHANGE ACCESS LOOP	DSL Capable Loops - Record - DS3 Loop - Initial (CESAR/LEX - Complex)	ULUC+, EE7P+, EE7Q+	SOCH7	
13	NV	UNBUNDLED EXCHANGE ACCESS LOOP	DSL Capable Loops - Record - DS3 Loop - Initial (Mechanized)	ULUC+, EE7P+, EE7Q+		
13MR-SL	NV	SUB-LOOPS	Network Interface Device - Connect - NID to NID Crossconnect - Simple (Manual/Fax)		HSNID	
13MR-SL	NV	SUB-LOOPS	Network Interface Device - Connect - NID to NID Crossconnect - Simple (CESAR/LEX)		PSNID	
13MR-SL	NV	SUB-LOOPS	Network Interface Device - Connect - NID to NID Crossconnect - Simple (Mechanized)			
13MR-SL	NV	SUB-LOOPS	Network Interface Device - Connect - NID to NID Crossconnect - Complex Initial (Manual/Fax)		HCNID	
13MR-SL	NV	SUB-LOOPS	Network Interface Device - Connect - NID to NID Crossconnect - Complex Initial (CESAR/LEX)		PCNID	
13MR-SL	NV	SUB-LOOPS	Network Interface Device - Connect - NID to NID Crossconnect - Complex Initial (Mechanized)			

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13MR-SL	NV	SUB-LOOPS	Network Interface Device - Disconnect - NID to NID Crossconnect - Simple (Manual/Fax)			
13MR-SL	NV	SUB-LOOPS	Network Interface Device - Disconnect - NID to NID Crossconnect - Simple (CESAR/LEX)			
13MR-SL	NV	SUB-LOOPS	Network Interface Device - Disconnect - NID to NID Crossconnect - Simple (Mechanized)			
13MR-SL	NV	SUB-LOOPS	Network Interface Device - Disconnect - NID to NID Crossconnect - Complex Initial (Manual/Fax)			
13MR-SL	NV	SUB-LOOPS	Network Interface Device - Disconnect - NID to NID Crossconnect - Complex Initial (CESAR/LEX)			
13MR-SL	NV	SUB-LOOPS	Network Interface Device - Disconnect - NID to NID Crossconnect - Complex Initial (Mechanized)			
13MR-SL	NV	SUB-LOOPS	Network Interface Device - Change - NID to NID Crossconnect - Simple (Manual/Fax)			
13MR-SL	NV	SUB-LOOPS	Network Interface Device - Change - NID to NID Crossconnect - Simple (CESAR/LEX)			
13MR-SL	NV	SUB-LOOPS	Network Interface Device - Change - NID to NID Crossconnect - Simple (Mechanized)			
13MR-SL	NV	SUB-LOOPS	Network Interface Device - Change - NID to NID Crossconnect - Complex Initial (Manual/Fax)			
13MR-SL	NV	SUB-LOOPS	Network Interface Device - Change - NID to NID Crossconnect - Complex Initial (CESAR/LEX)			
13MR-SL	NV	SUB-LOOPS	Network Interface Device - Change - NID to NID Crossconnect - Complex Initial (Mechanized)			
13MR-SL	NV	SUB-LOOPS	Network Interface Device - Record - NID to NID Crossconnect - Simple (Manual/Fax)			
13MR-SL	NV	SUB-LOOPS	Network Interface Device - Record - NID to NID Crossconnect - Simple (CESAR/LEX)			
13MR-SL	NV	SUB-LOOPS	Network Interface Device - Record - NID to NID Crossconnect - Simple (Mechanized)			
13MR-SL	NV	SUB-LOOPS	Network Interface Device - Record - NID to NID Crossconnect - Complex Initial (Manual/Fax)			
13MR-SL	NV	SUB-LOOPS	Network Interface Device - Record - NID to NID Crossconnect - Complex Initial (CESAR/LEX)			
13MR-SL	NV	SUB-LOOPS	Network Interface Device - Record - NID to NID Crossconnect - Complex Initial (Mechanized)			

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	NV	UNBUNDLED DEDICATED TRANSPORT	Analog/Digital 2-Wire - Initial (CESAR/LEX - Simple)	BCL++, RCL++, L3X++, L4X++, L5X++, L6X++, L7X++, L8X++, L9X++, LAX++, LBX++, LCX++, LWX++, L2X++, L32++, L33++, L36++, LPX++, LTX++, B1L++, R1L++, LK1, L56++, L2DCB, P1A+, RP1A+, NS1A+, BP1B+, RP1B+, NS1B+, BP2X+, RP2X+, NS2X+, BP3A+, RP3A+, NS3A+, BP4X+, RP4X+, NS4X+, BP5X+, RP5X+, NS5X+, BP7X+, RP7X+, NS7X+	XOX15	
13	NV	UNBUNDLED DEDICATED TRANSPORT	Analog/Digital 2-Wire - Initial (CESAR/LEX - Simple)	BCL++, RCL++, L3X++, L4X++, L5X++, L6X++, L7X++, L8X++, L9X++, LAX++, LBX++, LCX++, LWX++, L2X++, L32++, L33++, L36++, LPX++, LTX++, B1L++, R1L++, LK1, L56++, L2DCB, P1A+, RP1A+, NS1A+, BP1B+, RP1B+, NS1B+, BP2X+, RP2X+, NS2X+, BP3A+, RP3A+, NS3A+, BP4X+, RP4X+, NS4X+, BP5X+, RP5X+, NS5X+, BP7X+, RP7X+, NS7X+	HOX15	
13	NV	UNBUNDLED DEDICATED TRANSPORT	Analog/Digital 2-Wire - Initial (Mechanized)	BCL++, RCL++, L3X++, L4X++, L5X++, L6X++, L7X++, L8X++, L9X++, LAX++, LBX++, LCX++, LWX++, L2X++, L32++, L33++, L36++, LPX++, LTX++, B1L++, R1L++, LK1, L56++, L2DCB, P1A+, RP1A+, NS1A+, BP1B+, RP1B+, NS1B+, BP2X+, RP2X+, NS2X+, BP3A+, RP3A+, NS3A+, BP4X+, RP4X+, NS4X+, BP5X+, RP5X+, NS5X+, BP7X+, RP7X+, NS7X+	MOX15	
13	NV	UNBUNDLED DEDICATED TRANSPORT	Analog/Digital 4-Wire - Initial (CESAR/LEX - Simple)	LK4WA, BDL++	CDS1S	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	NV	UNBUNDLED DEDICATED TRANSPORT	Analog/Digital 4-Wire - Initial (CESAR/LEX - Simple)	LK4WA, BDL++	HOX82	
13	NV	UNBUNDLED DEDICATED TRANSPORT	Analog/Digital 4-Wire - Initial (Mechanized)	LK4WA, BDL++	MOX82	
13	NV	UNBUNDLED DEDICATED TRANSPORT	DS3 to Collocation - Initial (CESAR/LEX - Simple)	ULUC+	CDS3S	
13	NV	UNBUNDLED DEDICATED TRANSPORT	DS3 to Collocation - Initial (CESAR/LEX - Simple)	ULUC+	HOX82	
13	NV	UNBUNDLED DEDICATED TRANSPORT	DS3 to Collocation - Initial (Mechanized)	ULUC+	MOX82	
13	NV	UNBUNDLED DEDICATED TRANSPORT	Cross Connects to Collocation Cage - Disconnect - Analog/Digital 2-Wire - Initial (CESAR/LEX - Simple)	BCL++, RCL++, L3X++, L4X++, L5X++, L6X++, L7X++, L8X++, L9X++, LAX++, LBX++, LCX++, LWX++, L2X++, L32++, L33++, L36++, LPX++, LTX++, B1L++, R1L++, LK1, L56++, L2DCB, P1A+, RP1A+, NS1A+, BP1B+, RP1B+, NS1B+, BP2X+, RP2X+, NS2X+, BP3A+, RP3A+, NS3A+, BP4X+, RP4X+, NS4X+, BP5X+, RP5X+, NS5X+, BP7X+, RP7X+, NS7X+	XOX18	
13	NV	UNBUNDLED DEDICATED TRANSPORT	Cross Connects to Collocation Cage - Disconnect - Analog/Digital 2-Wire - Initial (CESAR/LEX - Simple)	BCL++, RCL++, L3X++, L4X++, L5X++, L6X++, L7X++, L8X++, L9X++, LAX++, LBX++, LCX++, LWX++, L2X++, L32++, L33++, L36++, LPX++, LTX++, B1L++, R1L++, LK1, L56++, L2DCB, P1A+, RP1A+, NS1A+, BP1B+, RP1B+, NS1B+, BP2X+, RP2X+, NS2X+, BP3A+, RP3A+, NS3A+, BP4X+, RP4X+, NS4X+, BP5X+, RP5X+, NS5X+, BP7X+, RP7X+, NS7X+	HOX18	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	NV	UNBUNDLED DEDICATED TRANSPORT	Cross Connects to Collocation Cage - Disconnect - Analog/Digital 2-Wire - Initial (Mechanized)	BCL++, RCL++, L3X++, L4X++, L5X++, L6X++, L7X++, L8X++, L9X++, LAX++, LBX++, LCX++, LWX++, L2X++, L32++, L33++, L36++, LPX++, LTX++, B1L++, R1L++, LK1, L56++, L2DCB, P1A+, RP1A+, NS1A+, BP1B+, RP1B+, NS1B+, BP2X+, RP2X+, NS2X+, BP3A+, RP3A+, NS3A+, BP4X+, RP4X+, NS4X+, BP5X+, RP5X+, NS5X+, BP7X+, RP7X+, NS7X+	MOX18	
13	NV	UNBUNDLED DEDICATED TRANSPORT	Cross Connects to Collocation Cage - Disconnect - Analog/Digital 4-Wire - Initial (CESAR/LEX - Simple)	LK4WA, BDL++	CDS1D	
13	NV	UNBUNDLED DEDICATED TRANSPORT	Cross Connects to Collocation Cage - Disconnect - Analog/Digital 4-Wire - Initial (CESAR/LEX - Simple)	LK4WA, BDL++	HOX96	
13	NV	UNBUNDLED DEDICATED TRANSPORT	Cross Connects to Collocation Cage - Disconnect - Analog/Digital 4-Wire - Initial (Mechanized)	LK4WA, BDL++	MOX96	
13	NV	UNBUNDLED DEDICATED TRANSPORT	Cross Connects to Collocation Cage - Disconnect - DS3 to Collocation - Initial (CESAR/LEX - Simple)	ULUC+	CDS3D	
13	NV	UNBUNDLED DEDICATED TRANSPORT	Cross Connects to Collocation Cage - Disconnect - DS3 to Collocation - Initial (CESAR/LEX - Simple)	ULUC+	HOX96	
13	NV	UNBUNDLED DEDICATED TRANSPORT	Cross Connects to Collocation Cage - Disconnect - DS3 to Collocation - Initial (Mechanized)	ULUC+	MOX96	
13	NV	UNBUNDLED DEDICATED TRANSPORT	Cross Connects to Collocation Cage - Change - Analog/Digital 2-Wire - Initial (CESAR/LEX - Simple)			
13	NV	UNBUNDLED DEDICATED TRANSPORT	Cross Connects to Collocation Cage - Change - Analog/Digital 2-Wire - Initial (Mechanized)			
13	NV	UNBUNDLED DEDICATED TRANSPORT	Cross Connects to Collocation Cage - Change - Analog/Digital 4-Wire - Initial (CESAR/LEX - Simple)			
13	NV	UNBUNDLED DEDICATED TRANSPORT	Cross Connects to Collocation Cage - Change - Analog/Digital 4-Wire - Initial (Mechanized)			
13	NV	UNBUNDLED DEDICATED TRANSPORT	Cross Connects to Collocation Cage - Change - DS3 to Collocation - Initial (CESAR/LEX - Simple)			
13	NV	UNBUNDLED DEDICATED TRANSPORT	Cross Connects to Collocation Cage - Change - DS3 to Collocation - Initial (Mechanized)			

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	NV	UNBUNDLED DEDICATED TRANSPORT	Cross Connects to Collocation Cage - Record - Analog/Digital 2-Wire - Initial (CESAR/LEX - Simple)			
13	NV	UNBUNDLED DEDICATED TRANSPORT	Cross Connects to Collocation Cage - Record - Analog/Digital 2-Wire - Initial (Mechanized)			
13	NV	UNBUNDLED DEDICATED TRANSPORT	Cross Connects to Collocation Cage - Record - Analog/Digital 4-Wire - Initial (CESAR/LEX - Simple)			
13	NV	UNBUNDLED DEDICATED TRANSPORT	Cross Connects to Collocation Cage - Record - Analog/Digital 4-Wire - Initial (Mechanized)			
13	NV	UNBUNDLED DEDICATED TRANSPORT	Cross Connects to Collocation Cage - Record - DS3 to Collocation - Initial (CESAR/LEX - Simple)			
13	NV	UNBUNDLED DEDICATED TRANSPORT	Cross Connects to Collocation Cage - Record - D366DS3 to Collocation - Initial (Mechanized)			
13	NV	UNBUNDLED DEDICATED TRANSPORT	Multiplexing - Connect - DS1/DS0 (CESAR/LEX - Simple)	CT1++, EE7M+	MQ1UC	
13	NV	UNBUNDLED DEDICATED TRANSPORT	Multiplexing - Connect - DS1/DS0 (CESAR/LEX - Simple)	CT1++, EE7M+	HOX91	
13	NV	UNBUNDLED DEDICATED TRANSPORT	Multiplexing - Connect - DS1/DS0 (Mechanized)	CT1++, EE7M+		
13	NV	UNBUNDLED DEDICATED TRANSPORT	Multiplexing - Connect - DS3/DS1 (CESAR/LEX - Simple)	CT3++, EE7P+, EE7Q+	MQ3UC	
13	NV	UNBUNDLED DEDICATED TRANSPORT	Multiplexing - Connect - DS3/DS1 (CESAR/LEX - Simple)	CT3++, EE7P+, EE7Q+	HOX91	
13	NV	UNBUNDLED DEDICATED TRANSPORT	Multiplexing - Connect - DS3/DS1 (Mechanized)	CT3++, EE7P+, EE7Q+		
13	NV	UNBUNDLED DEDICATED TRANSPORT	Multiplexing - Disconnect - DS1/DS0 (CESAR/LEX - Simple)	CT1++, EE7M+	MQ1UD	
13	NV	UNBUNDLED DEDICATED TRANSPORT	Multiplexing - Disconnect - DS1/DS0 (CESAR/LEX - Simple)	CT1++, EE7M+	HOX99	
13	NV	UNBUNDLED DEDICATED TRANSPORT	Multiplexing - Disconnect - DS1/DS0 (Mechanized)	CT1++, EE7M+		
13	NV	UNBUNDLED DEDICATED TRANSPORT	Multiplexing - Disconnect - DS3/DS1 (CESAR/LEX - Simple)	CT3++, EE7P+, EE7Q+	MQ3UD	
13	NV	UNBUNDLED DEDICATED TRANSPORT	Multiplexing - Disconnect - DS3/DS1 (CESAR/LEX - Simple)	CT3++, EE7P+, EE7Q+	HOX99	
13	NV	UNBUNDLED DEDICATED TRANSPORT	Multiplexing - Disconnect - DS3/DS1 (Mechanized)	CT3++, EE7P+, EE7Q+		
13	NV	UNBUNDLED DEDICATED TRANSPORT	Multiplexing - Change - DS1/DS0 (CESAR/LEX - Simple)	CT1++, EE7M+		
13	NV	UNBUNDLED DEDICATED TRANSPORT	Multiplexing - Change - DS1/DS0 (Mechanized)	CT1++, EE7M+		
13	NV	UNBUNDLED DEDICATED TRANSPORT	Multiplexing - Change - DS3/DS1 (CESAR/LEX - Simple)	CT3++, EE7P+, EE7Q+		

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	NV	UNBUNDLED DEDICATED TRANSPORT	Multiplexing - Change - DS3/DS1 (Mechanized)	CT3++, EE7P+, EE7Q+		
13	NV	UNBUNDLED DEDICATED TRANSPORT	Multiplexing - Record - DS1/DS0 (CESAR/LEX - Simple)	CT1++, EE7M+		
13	NV	UNBUNDLED DEDICATED TRANSPORT	Multiplexing - Record - DS1/DS0 (Mechanized)	CT1++, EE7M+		
13	NV	UNBUNDLED DEDICATED TRANSPORT	Multiplexing - Record - DS3/DS1 (CESAR/LEX - Simple)	CT3++, EE7P+, EE7Q+		
13	NV	UNBUNDLED DEDICATED TRANSPORT	Multiplexing - Record - DS3/DS1 (Mechanized)	CT3++, EE7P+, EE7Q+		
13	NV	UNBUNDLED DEDICATED TRANSPORT	Dark Fiber -Interoffice per strand Zone 1	ULC++	ULY4X	1
13	NV	UNBUNDLED DEDICATED TRANSPORT	Dark Fiber -Interoffice per strand Zone 2	ULC++	ULY4X	2
13	NV	UNBUNDLED DEDICATED TRANSPORT	Dark Fiber -Interoffice per strand Zone 3	ULC++		3
13	NV	UNBUNDLED DEDICATED TRANSPORT	Dark Fiber - Interoffice per foot Zone 1	ULC++	ULJAA	1
13	NV	UNBUNDLED DEDICATED TRANSPORT	Dark Fiber - Interoffice per foot Zone 1	ULC++	ULJAB	1
13	NV	UNBUNDLED DEDICATED TRANSPORT	Dark Fiber - Interoffice per foot Zone 2	ULC++	ULJAA	2
13	NV	UNBUNDLED DEDICATED TRANSPORT	Dark Fiber - Interoffice per foot Zone 2	ULC++	ULJAB	2
13	NV	UNBUNDLED DEDICATED TRANSPORT	Dark Fiber - Interoffice per foot Zone 3	ULC++		3
13	NV	UNBUNDLED DEDICATED TRANSPORT	Dark Fiber Cross Connect - Interoffice Zone 1	ULC++	UKCJX	1
13	NV	UNBUNDLED DEDICATED TRANSPORT	Dark Fiber Cross Connect - Interoffice Zone 2	ULC++	UKCJX	2
13	NV	UNBUNDLED DEDICATED TRANSPORT	Dark Fiber Cross Connect - Interoffice Zone 3	ULC++		3
13	NV	UNBUNDLED DEDICATED TRANSPORT	Dark Fiber Cross Connect - Loop Zone 1	ULC++	UKCHX	1
13	NV	UNBUNDLED DEDICATED TRANSPORT	Dark Fiber Cross Connect - Loop Zone 2	ULC++	UKCHX	2
13	NV	UNBUNDLED DEDICATED TRANSPORT	Dark Fiber Cross Connect - Loop Zone 3	ULC++		3
13	NV	UNBUNDLED DEDICATED TRANSPORT	Dark Fiber - Interoffice Inquiry Zone 1	ULC++	NR9D6	1
13	NV	UNBUNDLED DEDICATED TRANSPORT	Dark Fiber - Interoffice Inquiry Zone 2	ULC++	NR9D6	2
13	NV	UNBUNDLED DEDICATED TRANSPORT	Dark Fiber - Interoffice Inquiry Zone 3			3
13	NV	UNBUNDLED EXCHANGE ACCESS LOOP	Routine Modifications of Existing Facilities Change	EE7T+, EE7U+, EE71+, EE72+, EE73+, EE75+, EE76+, EE77+, EE78+, EE79+, EE7X+, EE7Y+, EE7Z+, EE74+, EE9E+, EE9F+, BDL++, EE7M+, ULUC+, EE7P+, EE7Q+, CT1++, EE7M+, CT3++, EE7P+, EE7Q+	N3RUE	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	OH	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog - Metro (Access Area B)	MUJ++, UOB++, UOR++, EE7JX	U2HXB	B
13	OH	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog - Suburban (Access Area C)	MUJ++, UOB++, UOR++, EE7JX	U2HXC	C
13	OH	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog - Rural (Access Area D)	MUJ++, UOB++, UOR++, EE7JX	U2HXD	D
13	OH	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Ground Start, Analog - Metro (Access Area B)	MUJ++, UOB++, UOR++, EE7JX	U2JXB	B
13	OH	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Ground Start, Analog - Suburban (Access Area C)	MUJ++, UOB++, UOR++, EE7JX	U2JXC	C
13	OH	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Ground Start, Analog - Rural (Access Area D)	MUJ++, UOB++, UOR++, EE7JX	U2JXD	D
13	OH	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Ground Start, DID Business - Metro (Access Area B)	MUJ++, UOB++, UOR++, EE7JX	U2WXB	B
13	OH	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Ground Start, DID Business - Suburban (Access Area C)	MUJ++, UOB++, UOR++, EE7JX	U2WXC	C
13	OH	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Ground Start, DID Business - Rural (Access Area D)	MUJ++, UOB++, UOR++, EE7JX	U2WXD	D
13	OH	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire COPTS Coin - Metro (Access Area B)	MUJ++, UOB++, UOR++, EE7JX	U2CXB	B
13	OH	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire COPTS Coin - Suburban (Access Area C)	MUJ++, UOB++, UOR++, EE7JX	U2CXC	C
13	OH	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire COPTS Coin - Rural (Access Area D)	MUJ++, UOB++, UOR++, EE7JX	U2CXD	D
13	OH	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire EKL - Metro (Access Area B)	MUJ++, UOB++, UOR++, EE7JX	U2KXB	B
13	OH	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire EKL - Suburban (Access Area C)	MUJ++, UOB++, UOR++, EE7JX	U2KXC	C
13	OH	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire EKL - Rural (Access Area D)	MUJ++, UOB++, UOR++, EE7JX	U2KXD	D
13	OH	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog - Metro (Access Area B)	MUJ++, UOB++, UOR++, EE7KX	U4HXB	B
13	OH	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog - Suburban (Access Area C)	MUJ++, UOB++, UOR++, EE7KX	U4HXC	C
13	OH	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog - Rural (Access Area D)	MUJ++, UOB++, UOR++, EE7LX	U4HXD	D
13	OH	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Digital - Metro (Access Area B)	MUJ++, UOB++, UOR++, EE7LX	U2QXB	B
13	OH	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Digital - Suburban (Access Area C)	MUJ++, UOB++, UOR++, EE7LX	U2QXC	C
13	OH	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Digital - Rural (Access Area D)	MUJ++, UOB++, UOR++, EE7MX	U2QXD	D
13	OH	UNBUNDLED EXCHANGE ACCESS LOOP	DS1 - Metro (Access Area B)	MUJ++, UOB++, UOR++, EE7MX	4U1XB	B
13	OH	UNBUNDLED EXCHANGE ACCESS LOOP	DS1 - Suburban (Access Area C)	MUJ++, UOB++, UOR++, EE7MX	4U1XC	C
13	OH	UNBUNDLED EXCHANGE ACCESS LOOP	DS1 - Rural (Access Area D)	MUJ++, UOB++, UOR++, EE7MX	4U1XD	D
13	OH	UNBUNDLED EXCHANGE ACCESS LOOP	DS3 - Metro (Access Area B)	MUJ++, UOB++, UOR++, EE7MX	U4D3A	B
13	OH	UNBUNDLED EXCHANGE ACCESS LOOP	DS3 - Suburban (Access Area C)	MUJ++, UOB++, UOR++, EE7MX	U4D3B	C

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	OH	UNBUNDLED EXCHANGE ACCESS LOOP	DS3 - Rural (Access Area D)	MUJ++, UOB++, UOR++, EE7MX	U4D3C	D
14	OH	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #1 - 2-Wire xDSL Loop Access Area B- Metro	MUJ++, UOB++, UOR++	2SLA1	B
14	OH	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #1 - 2-Wire xDSL Loop Access Area C- Suburban	MUJ++, UOB++, UOR++	2SLA2	C
14	OH	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #1 - 2-Wire xDSL Loop Access Area D- Rural	MUJ++, UOB++, UOR++	2SLA3	D
14	OH	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #2 - 2-Wire xDSL Loop Access Area B- Metro	MUJ++, UOB++, UOR++	2SLC1	B
14	OH	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #2 - 2-Wire xDSL Loop Access Area C- Suburban	MUJ++, UOB++, UOR++	2SLC2	C
14	OH	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #2 - 2-Wire xDSL Loop Access Area D- Rural	MUJ++, UOB++, UOR++	2SLC3	D
14	OH	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #3 - 2-Wire xDSL Loop Access Area B- Metro	MUJ++, UOB++, UOR++	2SLB1	B
14	OH	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #3 - 2-Wire xDSL Loop Access Area C- Suburban	MUJ++, UOB++, UOR++	2SLB2	C
14	OH	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #3 - 2-Wire xDSL Loop Access Area D- Rural	MUJ++, UOB++, UOR++	2SLB3	D
14	OH	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #4 - 2-Wire xDSL Loop Access Area B- Metro	MUJ++, UOB++, UOR++	2SLD1	B
14	OH	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #4 - 2-Wire xDSL Loop Access Area C- Suburban	MUJ++, UOB++, UOR++	2SLD2	C
14	OH	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #4 - 2-Wire xDSL Loop Access Area D- Rural	MUJ++, UOB++, UOR++	2SLD3	D
14	OH	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #5 - 2-Wire xDSL Loop Access Area B- Metro	MUJ++, UOB++, UOR++	UWRA1	B
14	OH	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #5 - 2-Wire xDSL Loop Access Area C- Suburban	MUJ++, UOB++, UOR++	UWRA2	C
14	OH	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #5 - 2-Wire xDSL Loop Access Area D- Rural	MUJ++, UOB++, UOR++	UWRA3	D
14	OH	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #7 - 2-Wire xDSL Loop Access Area B- Metro	MUJ++, UOB++, UOR++	2SLF1	B
14	OH	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #7 - 2-Wire xDSL Loop Access Area C- Suburban	MUJ++, UOB++, UOR++	2SLF2	C
14	OH	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #7 - 2-Wire xDSL Loop Access Area D- Rural	MUJ++, UOB++, UOR++	2SLF3	D
14	OH	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #3 - 4-Wire xDSL Loop Access Area B- Metro	MUJ++, UOB++, UOR++	4SL11	B
14	OH	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #3 - 4-Wire xDSL Loop Access Area C- Suburban	MUJ++, UOB++, UOR++	4SL12	C
14	OH	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #3 - 4-Wire xDSL Loop Access Area D- Rural	MUJ++, UOB++, UOR++	4SL13	D
13	OH	UNBUNDLED EXCHANGE ACCESS LOOP	IDSL Loop Access Area B - Metro	MUJ++, UOB++, UOR++	UY5FB	B
13	OH	UNBUNDLED EXCHANGE ACCESS LOOP	IDSL Loop Access Area C - Suburban	MUJ++, UOB++, UOR++	UY5FC	C
13	OH	UNBUNDLED EXCHANGE ACCESS LOOP	IDSL Loop Access Area D - Rural	MUJ++, UOB++, UOR++	UY5FD	D
13	OH	UNBUNDLED EXCHANGE ACCESS LOOP	Loop Service Ordering - Per Order	MUJ++, UOB++, UOR++, EE7JX, EE7KX, EE7LX, EE7MX	SEPUP	
13	OH	UNBUNDLED EXCHANGE ACCESS LOOP	Service Ordering - Add/Change Per Order	MUJ++, UOB++, UOR++, EE7JX, EE7KX, EE7LX, EE7MX	REAH9	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	OH	UNBUNDLED EXCHANGE ACCESS LOOP	Line Connection - Per Loop	MUJ++, UOB++, UOR++, EE7JX, EE7KX, EE7LX, EE7MX	SEPUC	
13	OH	UNBUNDLED EXCHANGE ACCESS LOOP	Line Connection - Add/Change Per Loop	MUJ++, UOB++, UOR++, EE7JX, EE7KX, EE7LX, EE7MX	REAH5	
13	OH	UNBUNDLED EXCHANGE ACCESS LOOP	Loop DS3 - Administrative	MUJ++, UOB++, UOR++, EE7NX	NR9OY	
13	OH	UNBUNDLED EXCHANGE ACCESS LOOP	Loop DS3 - Design & Central Office	MUJ++, UOB++, UOR++, EE7NX	NR9O1	
13	OH	UNBUNDLED EXCHANGE ACCESS LOOP	Loop DS3 - Customer Connection	MUJ++, UOB++, UOR++, EE7NX	NR9O3	
7	OH	OPERATIONS SUPPORT SYSTEM	Service Coordination fee per account, per CO.	MUJ++, UOB++, UOR++	UFE	
14	OH	UNBUNDLED EXCHANGE ACCESS LOOP	Line & Station Transfer(LST) performed on CODSLAM Loop	MUJ++, UOB++, UOR++	URCLD	
13MR-SL	OH	UNBUNDLED EXCHANGE ACCESS LOOP	Line & Station Transfer(LST) performed on Sub Loop	MUJ++, UOB++, UOR++	URCLB	
14	OH	LOOP MAKE-UP	Loop Qualification Process - Mechanized	MUJ++, UOB++, UOR++	NR98U	
14	OH	LOOP MAKE-UP	Loop Qualification Process - Manual	MUJ++, UOB++, UOR++	NRBXU	
14	OH	LOOP MODIFICATION	DSL Generic Conditioning all PSD's > 0KFT and < 17.5 KFT	MUJ++, UOB++, UOR++	NRMN6	
14	OH	LOOP MODIFICATION	DSL Generic Conditioning all PSD's > 17.5 KFT	MUJ++, UOB++, UOR++	NRMN7	
14	OH	LOOP MODIFICATION	DSL Conditioning Options - >12KFT and < 17.5KFT Removal of Repeater Options	MUJ++, UOB++, UOR++	NRBXV	
14	OH	LOOP MODIFICATION	DSL Conditioning Options - >12KFT and < 17.5KFT Removal Bridged Tap Option	MUJ++, UOB++, UOR++	NRBXW	
14	OH	LOOP MODIFICATION	DSL Conditioning Options - >12KFT and < 17.5KFT Removal of Load Coil	MUJ++, UOB++, UOR++	NRBXZ	
14	OH	LOOP MODIFICATION	DSL Conditioning Options - >17.5KFT in addition to the rates for > 12KFT and < 17.5KFT Removal of Repeater Options	MUJ++, UOB++, UOR++	NRBNL	
14	OH	LOOP MODIFICATION	DSL Conditioning Options - >17.5KFT in addition to the rates for > 12KFT and < 17.5KFT Removal Bridged Tap Option	MUJ++, UOB++, UOR++	NRBNK	
14	OH	LOOP MODIFICATION	DSL Conditioning Options - >17.5KFT in addition to the rates for > 12KFT and < 17.5KFT Removal of Load Coil	MUJ++, UOB++, UOR++	NRBNJ	
14	OH	LOOP MODIFICATION	Remove All or Non-Excessive Bridged Tap (RABT) - MMP Removal of non-excessive bridged tap DSL loops >0Kft. And <17.5Kft.	MUJ++, UOB++, UOR++	NRMRJ	
14	OH	LOOP MODIFICATION	Remove All or Non-Excessive Bridged Tap (RABT) - MMP Removal of All Bridged Tap DSL Loops 12Kft. To 17.5Kft.	MUJ++, UOB++, UOR++	NRMRP	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
14	OH	LOOP MODIFICATION	Remove All or Non-Excessive Bridged Tap (RABT) - MMP emoval of non-excessive bridged tap DSL loops >17.5Kft DSL Loops - per element incremental	MUJ++, UOB++, UOR++	NRMRS	
14	OH	LOOP MODIFICATION	Remove All or Non-Excessive Bridged Tap (RABT) - MMP Removal of All Bridged Tap DSL loops >17.5Kft. - per element incremental	MUJ++, UOB++, UOR++	NRMRM	
13MR-SL	OH	SUB-LOOPS	ECS to SAI sub-loop 2 Wire Analog - area B	XHG++, XGG++	U7SPA	B
13MR-SL	OH	SUB-LOOPS	ECS to SAI sub-loop 2 Wire Analog - Area C	XHG++, XGG++	U7SPB	C
13MR-SL	OH	SUB-LOOPS	ECS to SAI sub-loop 2 Wire Analog - area D	XHG++, XGG++	U7SPC	D
13MR-SL	OH	SUB-LOOPS	ECS to SAI sub-loop 4 Wire Analog - area B	XHK++,XGK++	U7SPA	B
13MR-SL	OH	SUB-LOOPS	ECS to SAI sub-loop 4 Wire Analog - area C	XHK++,XGK++	U7SPB	C
13MR-SL	OH	SUB-LOOPS	ECS to SAI sub-loop 4 Wire Analog - area D	XHK++,XGK++	U7SPC	D
13MR-SL	OH	SUB-LOOPS	ECS to SAI sub-loop 2 Wire DSL - area B	XHW++, XGW++	U7SPA	B
13MR-SL	OH	SUB-LOOPS	ECS to SAI sub-loop 2 Wire DSL - area C	XHW++, XGW++	U7SPB	C
13MR-SL	OH	SUB-LOOPS	ECS to SAI sub-loop 2 Wire DSL - area D	XHW++, XGW++	U7SPC	D
13MR-SL	OH	SUB-LOOPS	ECS to SAI sub-loop 4 Wire DSL - area B	XHY++, XGY++	U7SPA	B
13MR-SL	OH	SUB-LOOPS	ECS to SAI sub-loop 4 Wire DSL - area C	XHY++, XGY++	U7SPB	C
13MR-SL	OH	SUB-LOOPS	ECS to SAI sub-loop 4 Wire DSL - area D	XHY++, XGY++	U7SPC	D
13MR-SL	OH	SUB-LOOPS	ECS to Terminal sub-loop 2 Wire Analog - area B	XHG++, XGG++	U7SQA	B
13MR-SL	OH	SUB-LOOPS	ECS to Terminal sub-loop 2 Wire Analog - Area C	XHG++, XGG++	U7SQB	C
13MR-SL	OH	SUB-LOOPS	ECS to Terminal sub-loop 2 Wire Analog - area D	XHG++, XGG++	U7SQC	D
13MR-SL	OH	SUB-LOOPS	ECS to Terminal sub-loop 4 Wire Analog - area B	XHK++,XGK++	U7SQA	B
13MR-SL	OH	SUB-LOOPS	ECS to Terminal sub-loop 4 Wire Analog - area C	XHK++,XGK++	U7SQB	C
13MR-SL	OH	SUB-LOOPS	ECS to Terminal sub-loop 4 Wire Analog - area D	XHK++,XGK++	U7SQC	D
13MR-SL	OH	SUB-LOOPS	ECS to Terminal sub-loop 2 Wire DSL - area B	XHW++, XGW++	U7SQA	B
13MR-SL	OH	SUB-LOOPS	ECS to Terminal sub-loop 2 Wire DSL - area C	XHW++, XGW++	U7SQB	C
13MR-SL	OH	SUB-LOOPS	ECS to Terminal sub-loop 2 Wire DSL - area D	XHW++, XGW++	U7SQC	D
13MR-SL	OH	SUB-LOOPS	ECS to Terminal sub-loop 4 Wire DSL - area B	XHY++, XGY++	U7SQA	B
13MR-SL	OH	SUB-LOOPS	ECS to Terminal sub-loop 4 Wire DSL - area C	XHY++, XGY++	U7SQB	C
13MR-SL	OH	SUB-LOOPS	ECS to Terminal sub-loop 4 Wire DSL - area D	XHY++, XGY++	U7SQC	D
13MR-SL	OH	SUB-LOOPS	ECS to NID sub-loop 2 Wire Analog - area B	XHG++, XGG++	U7SRA	B
13MR-SL	OH	SUB-LOOPS	ECS to NID sub-loop 2 Wire Analog - Area C	XHG++, XGG++	U7SRB	C
13MR-SL	OH	SUB-LOOPS	ECS to NID sub-loop 2 Wire Analog - area D	XHG++, XGG++	U7SRC	D

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13MR-SL	OH	SUB-LOOPS	ECS to NID sub-loop 4 Wire Analog - area B	XHK++,XGK++	U7SRA	B
13MR-SL	OH	SUB-LOOPS	ECS to NID sub-loop 4 Wire Analog - area C	XHK++,XGK++	U7SRB	C
13MR-SL	OH	SUB-LOOPS	ECS to NID sub-loop 4 Wire Analog - area D	XHK++,XGK++	U7SRC	D
13MR-SL	OH	SUB-LOOPS	ECS to NID sub-loop 2 Wire DSL - area B	XHW++, XGW++	U7SRA	B
13MR-SL	OH	SUB-LOOPS	ECS to NID sub-loop 2 Wire DSL - area C	XHW++, XGW++	U7SRB	C
13MR-SL	OH	SUB-LOOPS	ECS to NID sub-loop 2 Wire DSL - area D	XHW++, XGW++	U7SRC	D
13MR-SL	OH	SUB-LOOPS	ECS to NID sub-loop 4 Wire DSL - area B	XHY++, XGY++	U7SRA	B
13MR-SL	OH	SUB-LOOPS	ECS to NID sub-loop 4 Wire DSL - area C	XHY++, XGY++	U7SRB	C
13MR-SL	OH	SUB-LOOPS	ECS to NID sub-loop 4 Wire DSL - area D	XHY++, XGY++	U7SRC	D
13MR-SL	OH	SUB-LOOPS	SAI to Terminal sub-loop 2 Wire Analog - area B	XHG++, XGG++	U7SSA	B
13MR-SL	OH	SUB-LOOPS	SAI to Terminal sub-loop 2 Wire Analog - Area C	XHG++, XGG++	U7SSB	C
13MR-SL	OH	SUB-LOOPS	SAI to Terminal sub-loop 2 Wire Analog - area D	XHG++, XGG++	U7SSC	D
13MR-SL	OH	SUB-LOOPS	SAI to Terminal sub-loop 4 Wire Analog - area B	XHK++,XGK++	U7SSA	B
13MR-SL	OH	SUB-LOOPS	SAI to Terminal sub-loop 4 Wire Analog - area C	XHK++,XGK++	U7SSB	C
13MR-SL	OH	SUB-LOOPS	SAI to Terminal sub-loop 4 Wire Analog - area D	XHK++,XGK++	U7SSC	D
13MR-SL	OH	SUB-LOOPS	SAI to Terminal sub-loop 2 Wire DSL - area B	XHW++, XGW++	U7SSA	B
13MR-SL	OH	SUB-LOOPS	SAI to Terminal sub-loop 2 Wire DSL - area C	XHW++, XGW++	U7SSB	C
13MR-SL	OH	SUB-LOOPS	SAI to Terminal sub-loop 2 Wire DSL - area D	XHW++, XGW++	U7SSC	D
13MR-SL	OH	SUB-LOOPS	SAI to Terminal sub-loop 4 Wire DSL - area B	XHY++, XGY++	U7SSA	B
13MR-SL	OH	SUB-LOOPS	SAI to Terminal sub-loop 4 Wire DSL - area C	XHY++, XGY++	U7SSB	C
13MR-SL	OH	SUB-LOOPS	SAI to Terminal sub-loop 4 Wire DSL - area D	XHY++, XGY++	U7SSC	D
13MR-SL	OH	SUB-LOOPS	SAI to NID sub-loop 2 Wire Analog - area B	XHG++, XGG++	U7STA	B
13MR-SL	OH	SUB-LOOPS	SAI to NID sub-loop 2 Wire Analog - area C	XHG++, XGG++	U7STB	C
13MR-SL	OH	SUB-LOOPS	SAI to NID sub-loop 2 Wire Analog - area D	XHG++, XGG++	U7STC	D
13MR-SL	OH	SUB-LOOPS	SAI to NID sub-loop 4 Wire Analog - area B	XHK++,XGK++	U7STA	B
13MR-SL	OH	SUB-LOOPS	SAI to NID sub-loop 4 Wire Analog - area C	XHK++,XGK++	U7STB	C
13MR-SL	OH	SUB-LOOPS	SAI to NID sub-loop 4 Wire Analog - area D	XHK++,XGK++	U7STC	D
13MR-SL	OH	SUB-LOOPS	SAI to NID sub-loop 2 Wire DSL - area B	XHW++, XGW++	U7STA	B
13MR-SL	OH	SUB-LOOPS	SAI to NID sub-loop 2 Wire DSL - area C	XHW++, XGW++	U7STB	C
13MR-SL	OH	SUB-LOOPS	SAI to NID sub-loop 2 Wire DSL - area D	XHW++, XGW++	U7STC	D
13MR-SL	OH	SUB-LOOPS	SAI to NID sub-loop 4 Wire DSL - area B	XHY++, XGY++	U7STA	B
13MR-SL	OH	SUB-LOOPS	SAI to NID sub-loop 4 Wire DSL - area C	XHY++, XGY++	U7STB	C

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13MR-SL	OH	SUB-LOOPS	SAI to NID sub-loop 4 Wire DSL - area D	XHY++, XGY++	U7STC	D
13MR-SL	OH	SUB-LOOPS	Terminal to NID sub-loop 2 Wire Analog - area B	XHG++, XGG++	U7SUA	B
13MR-SL	OH	SUB-LOOPS	Terminal to NID sub-loop 2 Wire Analog - Area C	XHG++, XGG++	U7SUB	C
13MR-SL	OH	SUB-LOOPS	Terminal to NID sub-loop 2 Wire Analog - area D	XHG++, XGG++	U7SUC	D
13MR-SL	OH	SUB-LOOPS	Terminal to NID sub-loop 4 Wire Analog - area B	XHK++,XGK++	U7SUA	B
13MR-SL	OH	SUB-LOOPS	Terminal to NID sub-loop 4 Wire Analog - area C	XHK++,XGK++	U7SUB	C
13MR-SL	OH	SUB-LOOPS	Terminal to NID sub-loop 4 Wire Analog - area D	XHK++,XGK++	U7SUC	D
13MR-SL	OH	SUB-LOOPS	Terminal to NID sub-loop 2 Wire DSL - area B	XHW++, XGW++	U7SUA	B
13MR-SL	OH	SUB-LOOPS	Terminal to NID sub-loop 2 Wire DSL - area C	XHW++, XGW++	U7SUB	C
13MR-SL	OH	SUB-LOOPS	Terminal to NID sub-loop 2 Wire DSL - area D	XHW++, XGW++	U7SUC	D
13MR-SL	OH	SUB-LOOPS	Terminal to NID sub-loop 4 Wire DSL - area B	XHY++, XGY++	U7SUA	B
13MR-SL	OH	SUB-LOOPS	Terminal to NID sub-loop 4 Wire DSL - area C	XHY++, XGY++	U7SUB	C
13MR-SL	OH	SUB-LOOPS	Terminal to NID sub-loop 4 Wire DSL - area D	XHY++, XGY++	U7SUC	D
13MR-SL	OH	SUB-LOOPS	NID sub-loop element 2 Wire Analog - area B	XHG++, XGG++		B
13MR-SL	OH	SUB-LOOPS	NID sub-loop element 2 Wire Analog - Area C	XHG++, XGG++		C
13MR-SL	OH	SUB-LOOPS	NID sub-loop element 2 Wire Analog - area D	XHG++, XGG++		D
13MR-SL	OH	SUB-LOOPS	NID sub-loop element 4 Wire Analog - area B	XHK++,XGK++		B
13MR-SL	OH	SUB-LOOPS	NID sub-loop element 4 Wire Analog - area C	XHK++,XGK++		C
13MR-SL	OH	SUB-LOOPS	NID sub-loop element 4 Wire Analog - area D	XHK++,XGK++		D
13MR-SL	OH	SUB-LOOPS	NID sub-loop element 2 Wire DSL - area B	XHW++, XGW++		B
13MR-SL	OH	SUB-LOOPS	NID sub-loop element 2 Wire DSL - area C	XHW++, XGW++		C
13MR-SL	OH	SUB-LOOPS	NID sub-loop element 2 Wire DSL - area D	XHW++, XGW++		D
13MR-SL	OH	SUB-LOOPS	NID sub-loop element 4 Wire DSL - area B	XHY++, XGY++		B
13MR-SL	OH	SUB-LOOPS	NID sub-loop 4 Wire DSL - area C	XHY++, XGY++		C
13MR-SL	OH	SUB-LOOPS	NID sub-loop 4 Wire DSL - area D	XHY++, XGY++		D
13MR-SL	OH	SUB-LOOPS	NID sub-loop 2 Wire ISDN Compatible - area B	XHQ++, XGQ++		B
13MR-SL	OH	SUB-LOOPS	NID sub-loop 2 Wire ISDN Compatible - area C	XHQ++, XGQ++		C
13MR-SL	OH	SUB-LOOPS	NID sub-loop 2 Wire ISDN Compatible - area D	XHQ++, XGQ++		D
13MR-SL	OH	SUB-LOOPS	NID sub-loop 4 Wire DS1 Compatible - area B	XQ1++		B
13MR-SL	OH	SUB-LOOPS	NID sub-loop 4 Wire DS1 Compatible - area C	XQ1++		C
13MR-SL	OH	SUB-LOOPS	NID sub-loop 4 Wire DS1 Compatible - area D	XQ1++		D
13MR-SL	OH	SUB-LOOPS	Sub-Loop Non-Recurring Charges 2-Wire Analog Sub-Loop	XHG++, XGG++		
13MR-SL	OH	SUB-LOOPS	Sub-Loop Non-Recurring Charges 4-Wire Analog Sub-Loop	XHG++, XGG++		

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13MR-SL	OH	SUB-LOOPS	Sub-Loop Non-Recurring Charges 2-Wire xDSL Digital Sub-Loop	XHW++, XGW++		
13MR-SL	OH	SUB-LOOPS	Sub-Loop Non-Recurring Charges 4-Wire xDSL Digital Sub-Loop	XHY++, XGY++		
13MR-SL	OH	SUB-LOOPS	Sub-Loop Non-Recurring Charges 2-Wire ISDN Digital Sub-Loop	XHQ++, XGQ++		
13MR-SL	OH	SUB-LOOPS	Sub-Loop Non-Recurring Charges 4-Wire DS1 Digital Sub-Loop	XQ1++		
13MR-SL	OH	SUB-LOOPS	Sub-Loop Service Order Charge Establish, per occasion	XHG++, XGG++, XHK++, XGK++, XHW++, XGW++, XHY++, XGY++, XHQ++, XGQ++, XQ1++, XQ3++		
13MR-SL	OH	SUB-LOOPS	Sub-Loop Line Connection Charge per occasion	XHG++, XGG++, XHK++, XGK++, XHW++, XGW++, XHY++, XGY++, XHQ++, XGQ++, XQ1++, XQ3++		
13	OH	UNBUNDLED EXCHANGE ACCESS LOOP	Cross Connects 2-Wire	MUJ++, UOB++, UOR++, EE7JX, EE7LX	CXCT2	
13	OH	UNBUNDLED EXCHANGE ACCESS LOOP	Cross Connects 4-Wire	MUJ++, UOB++, UOR++, EE7KX	CXCT4	
13	OH	UNBUNDLED EXCHANGE ACCESS LOOP	Cross Connects DS1/LT1	MUJ++, UOB++, UOR++, EE7MX	CXCDX	
13	OH	UNBUNDLED EXCHANGE ACCESS LOOP	Cross Connects DS3/LT3	MUJ++, UOB++, UOR++, EE7NX	CXC8X	
13	OH	UNBUNDLED EXCHANGE ACCESS LOOP	Cross Connects DS3 C.O. Cross-Connect to Collocation	MUJ++, UOB++, UOR++	CXCBX	
13	OH	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Interoffice Transport: 'DS1 Interoffice Mileage Termination - Per Point of Termination - All Zones	UB5++, EE7MX, UK1++	CZ4X1	
13	OH	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Interoffice Transport: 'DS1 Interoffice Mileage Termination - Per Point of Termination - All Zones	UB5++, EE7MX, UK1++	CZ4X2	
13	OH	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Interoffice Transport: 'DS1 Interoffice Mileage Termination - Per Point of Termination - All Zones	UB5++, EE7MX, UK1++	CZ4X3	
13	OH	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Interoffice Transport: 'DS1 Interoffice Mileage - Per Mile - All Zones	UB5++, EE7MX, UK1++	1YZX1	
13	OH	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Interoffice Transport: 'DS1 Interoffice Mileage - Per Mile - All Zones	UB5++, EE7MX, UK1++	1YZX2	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	OH	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Interoffice Transport: 'DS1 Interoffice Mileage - Per Mile - All Zones	UB5++, EE7MX, UK1++	1YZX3	
13	OH	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Interoffice Transport: 'DS3 Interoffice Mileage Termination - Per Point of Termination - All Zones	UB5++, EE7NX, UK3++	CZ4W1	
13	OH	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Interoffice Transport: 'DS3 Interoffice Mileage Termination - Per Point of Termination - All Zones	UB5++, EE7NX, UK3++	CZ4W2	
13	OH	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Interoffice Transport: 'DS3 Interoffice Mileage Termination - Per Point of Termination - All Zones	UB5++, EE7NX, UK3++	CZ4W3	
13	OH	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Interoffice Transport: 'DS3 Interoffice Mileage - Per Mile - All Zones	UB5++, EE7NX, UK3++	1YZB1	
13	OH	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Interoffice Transport: 'DS3 Interoffice Mileage - Per Mile - All Zones	UB5++, EE7NX, UK3++	1YZB2	
13	OH	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Interoffice Transport: 'DS3 Interoffice Mileage - Per Mile - All Zones	UB5++, EE7NX, UK3++	1YZB3	
13	OH	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS1 to Voice Grade	UB5++, UK1++	QMVX1	
13	OH	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS1 to Voice Grade	UB5++, UK1++	QMVX2	
13	OH	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS1 to Voice Grade	UB5++, UK1++	QMVX3	
13	OH	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Cross Connects DS1	UB5++, EE7MX, UK1++	CXCDX	
13	OH	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Cross Connects DS3	UB5++, EE7NX, UK3++	CXCEX	
13	OH	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS3 to DS1	UB5++, UK3++	QM3X1	
13	OH	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS3 to DS1	UB5++, UK3++	QM3X2	
13	OH	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS3 to DS1	UB5++, UK3++	QM3X3	
13	OH	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Optional Features & Functions DS1 Clear Channel Capability - Per 1.544 Mbps Circuit Arranged	UB5++, EE7MX, UK1++	CLYX1	
13	OH	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Optional Features & Functions DS1 Clear Channel Capability - Per 1.544 Mbps Circuit Arranged	UB5++, EE7MX, UK1++	CLYX2	
13	OH	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Optional Features & Functions DS1 Clear Channel Capability - Per 1.544 Mbps Circuit Arranged	UB5++, EE7MX, UK1++	CLYX3	
13	OH	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Installation & Rearrangement Charges DS1 Administration Charge - Per Order	UB5++, EE7MX, UK1++	ORCMX	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	OH	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Installation & Rearrangement Charges DS1 Design & Central Office Connection Charge - Per Circuit	UB5++, EE7MX, UK1++	NRBCL	
13	OH	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Installation & Rearrangement Charges DS1 Carrier Connection Charge - Per Order	UB5++, EE7MX, UK1++	NRBBL	
13	OH	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Installation & Rearrangement Charges DS3 Administration Charge - Per Order	UB5++, EE7NX, UK3++	ORCMX	
13	OH	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Installation & Rearrangement Charges DS3 Design & Central Office Connection Charge - Per Circuit	UB5++, EE7NX, UK3++	NRBCL	
13	OH	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Installation & Rearrangement Charges DS3 Carrier Connection Charge - Per Order	UB5++, EE7NX, UK3++	NRBBL	
13	OH	UNBUNDLED DEDICATED TRANSPORT	Dark Fiber Interoffice Termination (Per Termination per Fiber)		ULYCX	
13	OH	UNBUNDLED DEDICATED TRANSPORT	Dark Fiber Interoffice Mileage (Per Fiber per Foot)		ULNCF	
13	OH	UNBUNDLED DEDICATED TRANSPORT	Dark Fiber Interoffice Cross Connect (Per Termination per Fiber)		UKCJX	
13	OH	UNBUNDLED DEDICATED TRANSPORT	Dark Fiber Interoffice Transport Inquiry (Per Request) - NRC		NR9D6	
13	OH	UNBUNDLED DEDICATED TRANSPORT	Firm Order (Per Fiber Strand) Administrative per Order Connect		NRB51	
13	OH	UNBUNDLED DEDICATED TRANSPORT	Firm Order (Per Fiber Strand) Administrative per Order Disconnect		NR9H2	
13	OH	UNBUNDLED DEDICATED TRANSPORT	Firm Order (Per Fiber Strand) Administrative per Order Connect		NRB52	
13	OH	UNBUNDLED DEDICATED TRANSPORT	Firm Order (Per Fiber Strand) Administrative per Order Disconnect		NR9H3	
13	OH	UNBUNDLED DEDICATED TRANSPORT	Dark Fiber Interoffice Transport - NRC Connect		NRB54	
13	OH	UNBUNDLED DEDICATED TRANSPORT	Dark Fiber Interoffice Transport - NRC Disconnect		NR9H5	
13	OH	ROUTINE MODIFICATIONS	Routine Modifications of Existing Facilities Charge	MUJ++, UOB++, UOR++, UB5++, EE7MX, EE7NX, UK3++, UK1++	N3RUE	
7	OH	OPERATIONS SUPPORT SYSTEM	Maintenance of Service Charge	MUJ++, UOB++, UOR++, UB5++, EE7JX, EE7KX, EE7LX, EE7MX, EE7NX, UK3++, UK1++	VRP	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13MR-SL	OH	OPERATIONS SUPPORT SYSTEM	Sub-Loops - Maintenance of Service Charge	XHG++, XGG++, XHK++, XGK++, XHW++, XGW++, XHY++, XGY++, XHQ++, XGQ++, XQ1++, XQ3++	VRP	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	OK	UNBUNDLED EXCHANGE ACCESS LOOP	Disconnect Loop from inside wiring, per NID		NRBND	
13	OK	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Loop - Zone 1 (Rural)		U21	1
13	OK	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Loop - Zone 2 (Suburban)		U21	2
13	OK	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Loop - Zone 3 (Urban)		U21	3
13	OK	UNBUNDLED EXCHANGE ACCESS LOOP	Loop - Conditioning for dB loss from 8db to 5db		UL2	
13	OK	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Loop - Zone 1(Rural)		U4H	1
13	OK	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Loop - Zone 2 (Suburban)		U4H	2
13	OK	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Loop - Zone 3 (Urban)		U4H	3
13	OK	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Digital Loop - Zone 1(Rural)		U2Q	1
13	OK	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Digital Loop - Zone 2 (Suburban)		U2Q	2
13	OK	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Digital Loop - Zone 3 (Urban)		U2Q	3
13	OK	UNBUNDLED EXCHANGE ACCESS LOOP	DS1 Loop Zone 1 (Rural)		U4D1X	1
13	OK	UNBUNDLED EXCHANGE ACCESS LOOP	DS1 Loop Zone 2 (Suburban)		U4D1X	2
13	OK	UNBUNDLED EXCHANGE ACCESS LOOP	DS1 Loop Zone 3 (Urban)		U4D1X	3
13	OK	UNBUNDLED EXCHANGE ACCESS LOOP	DS3 Loop Zone 1 (Rural)		U4D3X	1
13	OK	UNBUNDLED EXCHANGE ACCESS LOOP	DS3 Loop Zone 2 (Suburban)		U4D3X	2
13	OK	UNBUNDLED EXCHANGE ACCESS LOOP	DS3 Loop Zone 3 (Urban)		U4D3X	3
13	OK	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Loop Cross Connect to Collocation		UCXC2	
13	OK	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Loop Cross Connect to Collocation (without testing)		UCXD2	
13	OK	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Loop Cross Connect to Collocation		UCXC4	
13	OK	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Loop Cross Connect to Collocation (without testing)		UCXD4	
13	OK	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Digital Loop Cross Connect to Collocation			
13	OK	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Digital Loop Cross Connect to Collocation (without testing)			
13	OK	UNBUNDLED EXCHANGE ACCESS LOOP	DS3 C.O. Cross Connect to Collocation		UCXBX	
13	OK	UNBUNDLED EXCHANGE ACCESS LOOP	DS1 Loop Cross Connect to Collocation		UDLY4	
14	OK	UNBUNDLED EXCHANGE ACCESS LOOP	DS3 C.O. Cross Connect to Collocation		UCXBX	
14	OK	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #1 - 2-Wire xDSL Loop - Zone 1 (Rural)		2SLAX	1
14	OK	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #1 - 2-Wire xDSL Loop - Zone 2 (Suburban)		2SLAX	2
14	OK	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #1 - 2-Wire xDSL Loop - Zone 3 (Urban)		2SLAX	3
14	OK	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #2 - 2-Wire xDSL Loop - Zone 1 (Rural)		2SLCX	1
14	OK	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #2 - 2-Wire xDSL Loop - Zone 2 (Suburban)		2SLCX	2
14	OK	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #2 - 2-Wire xDSL Loop - Zone 3 (Urban)		2SLCX	3
14	OK	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #3 - 2-Wire xDSL Loop - Zone 1 (Rural)		2SLBX	1
14	OK	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #3 - 2-Wire xDSL Loop - Zone 2 (Suburban)		2SLBX	2

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
14	OK	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #3 - 2-Wire xDSL Loop - Zone 3 (Urban)		2SLBX	3
14	OK	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #4 - 2-Wire xDSL Loop - Zone 1 (Rural)		2SLDX	1
14	OK	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #4 - 2-Wire xDSL Loop - Zone 2 (Suburban)		2SLDX	2
14	OK	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #4 - 2-Wire xDSL Loop - Zone 3 (Urban)		2SLDX	3
14	OK	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #5 - 2-Wire xDSL Loop - Zone 1 (Rural)		U2F	1
14	OK	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #5 - 2-Wire xDSL Loop - Zone 2 (Suburban)		U2F	2
14	OK	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #5 - 2-Wire xDSL Loop - Zone 3 (Urban)		U2F	3
14	OK	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #7 - 2-Wire xDSL Loop - Zone 1 (Rural)		2SLFX	1
14	OK	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #7 - 2-Wire xDSL Loop - Zone 2 (Suburban)		2SLFX	2
14	OK	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #7 - 2-Wire xDSL Loop - Zone 3 (Urban)		2SLFX	3
14	OK	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #3 - 4-Wire xDSL Loop - Zone 1 (Rural)		4SL1X	1
14	OK	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #3 - 4-Wire xDSL Loop - Zone 2 (Suburban)		4SL1X	2
14	OK	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #3 - 4-Wire xDSL Loop - Zone 3 (Urban)		4SL1X	3
13	OK	UNBUNDLED EXCHANGE ACCESS LOOP	IDSL Capable Loop - Zone 1 (Rural)		UY5FX	1
13	OK	UNBUNDLED EXCHANGE ACCESS LOOP	IDSL Capable Loop - Zone 2 (Suburban)		UY5FX	2
13	OK	UNBUNDLED EXCHANGE ACCESS LOOP	IDSL Capable Loop - Zone 3 (Urban)		UY5FX	3
14	OK	UNBUNDLED EXCHANGE ACCESS LOOP	DSL Shielded Loop Cross Connect to Collocation		UXRRX	
14	OK	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire DSL Non-Shielded Cross Connect to Collocation		UCX92	
14	OK	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire DSL Non-Shielded Cross Connect to Collocation		UCX94	
14	OK	LOOP MAKE-UP	Loop Qualification Process - Mechanized		NR98U	
14	OK	LOOP MAKE-UP	Loop Qualification Process - Manual		NRBXU	
14	OK	LOOP MODIFICATION	DSL Conditioning - Removal of Load Coils - 12,000 ft to 17,500 ft - Initial Rate		NRBXZ	
14	OK	LOOP MODIFICATION	DSL Conditioning - Removal of Load Coils - 12,000 ft to 17,500 ft - Additional Same Location / Same Cable		NRMNN	
14	OK	LOOP MODIFICATION	DSL Conditioning - Removal of Load Coils - 12,000 ft to 17,500 ft - Additional Same Location / Different Cable		NRMNO	
14	OK	LOOP MODIFICATION	DSL Conditioning - Removal of Excessive Bridge Tap - 12,000 ft to 17,500 ft - Initial Rate		NRBXW	
14	OK	LOOP MODIFICATION	DSL Conditioning - Removal of Excessive Bridge Tap - 12,000 ft to 17,500 ft - Additional Same Location / Same Cable		NRMNG	
14	OK	LOOP MODIFICATION	DSL Conditioning - Removal of Excessive Bridge Tap - 12,000 ft to 17,500 ft - Additional Same Location / Different Cable		NRMNH	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
14	OK	LOOP MODIFICATION	DSL Conditioning - Removal of Repeaters - 12,000 ft to 17,500 ft - Initial Rate		NRBXV	
14	OK	LOOP MODIFICATION	DSL Conditioning - Removal of Repeaters - 12,000 ft to 17,500 ft - Additional Same Location / Same Cable		NRMNA	
14	OK	LOOP MODIFICATION	DSL Conditioning - Removal of Repeaters - 12,000 ft to 17,500 ft - Additional Same Location / Different Cable		NRMNB	
14	OK	LOOP MODIFICATION	DSL Conditioning - Removal of Load Coils & Excessive Bridge Tap - 12,000 ft to 17,500 ft - Initial Rate		NRBXF	
14	OK	LOOP MODIFICATION	DSL Conditioning - Removal of Load Coils & Excessive Bridge Tap - 12,000 ft to 17,500 ft - Additional Same Location / Same Cable		NRMNK	
14	OK	LOOP MODIFICATION	DSL Conditioning - Removal of Load Coils & Excessive Bridge Tap - 12,000 ft to 17,500 ft - Additional Same Location / Different Cable		NRMNL	
14	OK	LOOP MODIFICATION	DSL Conditioning - Removal Excessive Bridge Tap & Repeater - 12,000 ft to 17,500 ft - Initial Rate		NRBXH	
14	OK	LOOP MODIFICATION	DSL Conditioning - Removal Excessive Bridge Tap & Repeater - 12,000 ft to 17,500 ft - Additional Same Location / Same Cable		NRMND	
14	OK	LOOP MODIFICATION	DSL Conditioning - Removal Excessive Bridge Tap & Repeater - 12,000 ft to 17,500 ft - Additional Same Location / Different Cable		NRMNE	
14	OK	LOOP MODIFICATION	DSL Conditioning - Removal of Load Coils - over 17,500 feet in addition to conditioning of 12,000 ft - 17,500 ft - Initial Rate		NRBNJ	
14	OK	LOOP MODIFICATION	DSL Conditioning - Removal of Load Coils - over 17,500 feet in addition to conditioning of 12,000 ft - 17,500 ft - Additional Same Location / Same Cable		NRMNY	
14	OK	LOOP MODIFICATION	DSL Conditioning - Removal of Load Coils - over 17,500 feet in addition to conditioning of 12,000 ft - 17,500 ft - Additional Same Location / Different Cable		NRMNZ	
14	OK	LOOP MODIFICATION	DSL Conditioning - Removal of Excessive Bridge Tap - over 17,500 feet in addition to conditioning of 12,000 ft - 17,500 ft - Initial Rate		NRBNK	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
14	OK	LOOP MODIFICATION	DSL Conditioning - Removal of Excessive Bridge Tap - over 17,500 feet in addition to conditioning of 12,000 ft - 17,500 ft - Additional Same Location / Same Cable		NRMNU	
14	OK	LOOP MODIFICATION	DSL Conditioning - Removal of Excessive Bridge Tap - over 17,500 feet in addition to conditioning of 12,000 ft - 17,500 ft - Additional Same Location / Different Cable		NRMNV	
14	OK	LOOP MODIFICATION	DSL Conditioning - Removal of Repeaters - over 17,500 feet in addition to conditioning of 12,000 ft - 17,500 ft - Initial Rate		NRBNL	
14	OK	LOOP MODIFICATION	DSL Conditioning - Removal of Repeaters - over 17,500 feet in addition to conditioning of 12,000 ft - 17,500 ft - Additional Same Location / Same Cable		NRMNQ	
14	OK	LOOP MODIFICATION	DSL Conditioning - Removal of Repeaters - over 17,500 feet in addition to conditioning of 12,000 ft - 17,500 ft - Additional Same Location / Different Cable		NRMNR	
14	OK	LOOP MODIFICATION	DSL Conditioning - Removal of Load Coils & Excessive Bridge Tap - over 17,500 feet in addition to conditioning of 12,000 ft - 17,500 ft - Initial Rate		NRBM8	
14	OK	LOOP MODIFICATION	DSL Conditioning - Removal of Load Coils & Excessive Bridge Tap - over 17,500 feet in addition to conditioning of 12,000 ft - 17,500 ft - Additional Same Location / Same Cable		NRMNW	
14	OK	LOOP MODIFICATION	DSL Conditioning - Removal of Load Coils & Excessive Bridge Tap - over 17,500 feet in addition to conditioning of 12,000 ft - 17,500 ft - Additional Same Location / Different Cable		NRMNX	
14	OK	LOOP MODIFICATION	DSL Conditioning - Removal Excessive Bridge Tap & Repeater - over 17,500 feet in addition to conditioning of 12,000 ft - 17,500 ft - Initial Rate		NRBTv	
14	OK	LOOP MODIFICATION	DSL Conditioning - Removal Excessive Bridge Tap & Repeater - over 17,500 feet in addition to conditioning of 12,000 ft - 17,500 ft - Additional Same Location / Same Cable		NRMNS	
14	OK	LOOP MODIFICATION	DSL Conditioning - Removal Excessive Bridge Tap & Repeater - over 17,500 feet in addition to conditioning of 12,000 ft - 17,500 ft - Additional Same Location / Different Cable		NRMNT	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
14	OK	LOOP MODIFICATION	RABT - MMP - Removal of non-excessive bridged tap DSL loops >0Kft. And <17.5Kft.		NRMRJ	
14	OK	LOOP MODIFICATION	RABT - MMP - Removal of All Bridged Tap DSL Loops 12Kft. To 17.5Kft.		NRMRP	
14	OK	LOOP MODIFICATION	RABT - MMP - Removal of non-excessive bridged tap DSL loops >17.5Kft DSL Loops - per element incremental		NRMRS	
14	OK	LOOP MODIFICATION	RABT - MMP - Removal of All Bridged Tap DSL loops >17.5Kft. - per element incremental		NRMRM	
14	OK	LOOP MODIFICATION	LST performed on CODSLAM Loop		URCLD	
13MR-SL	OK	SUB-LOOPS	LST performed on Sub Loop		URCLB	
13MR-SL	OK	SUB-LOOPS	ECS to SAI subloop charge 2-Wire Analog Zone 1 (Rural)		U6LAP	1
13MR-SL	OK	SUB-LOOPS	ECS to SAI subloop charge 2-Wire Analog Zone 2 (Suburban)		U6LAP	2
13MR-SL	OK	SUB-LOOPS	ECS to SAI subloop charge 2-Wire Analog Zone 3 (Urban)		U6LAP	3
13MR-SL	OK	SUB-LOOPS	ECS to Terminal subloop charge 2-Wire Analog Zone 1 (Rural)		U6LAQ	1
13MR-SL	OK	SUB-LOOPS	ECS to Terminal subloop charge 2-Wire Analog Zone 2 (Suburban)		U6LAQ	2
13MR-SL	OK	SUB-LOOPS	ECS to Terminal subloop charge 2-Wire Analog Zone 3 (Urban)		U6LAQ	3
13MR-SL	OK	SUB-LOOPS	ECS to NID subloop charge 2-Wire Analog Zone 1 (Rural)		U6LAR	1
13MR-SL	OK	SUB-LOOPS	ECS to NID subloop charge 2-Wire Analog Zone 2 (Suburban)		U6LAR	2
13MR-SL	OK	SUB-LOOPS	ECS to NID subloop charge 2-Wire Analog Zone 3 (Urban)		U6LAR	3
13MR-SL	OK	SUB-LOOPS	SAI to Terminal subloop charge 2-Wire Analog Zone 1 (Rural)		U6LAS	1
13MR-SL	OK	SUB-LOOPS	SAI to Terminal subloop charge 2-Wire Analog Zone 2 (Suburban)		U6LAS	2
13MR-SL	OK	SUB-LOOPS	SAI to Terminal subloop charge 2-Wire Analog Zone 3 (Urban)		U6LAS	3
13MR-SL	OK	SUB-LOOPS	SAI to NID subloop charge 2-Wire Analog Zone 1 (Rural)		U6LAT	1

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13MR-SL	OK	SUB-LOOPS	SAI to NID subloop charge 2-Wire Analog Zone 2 (Suburban)		U6LAT	2
13MR-SL	OK	SUB-LOOPS	SAI to NID subloop charge 2-Wire Analog Zone 3 (Urban)		U6LAT	3
13MR-SL	OK	SUB-LOOPS	Terminal to NID subloop charge 2-Wire Analog Zone 1 (Rural)		U6LAU	1
13MR-SL	OK	SUB-LOOPS	Terminal to NID subloop charge 2-Wire Analog Zone 2 (Suburban)		U6LAU	2
13MR-SL	OK	SUB-LOOPS	Terminal to NID subloop charge 2-Wire Analog Zone 3 (Urban)		U6LAU	3
13MR-SL	OK	SUB-LOOPS	ECS to SAI subloop charge 4-Wire Analog Zone 1 (Rural)		U6LEP	1
13MR-SL	OK	SUB-LOOPS	ECS to SAI subloop charge 4-Wire Analog Zone 2 (Suburban)		U6LEP	2
13MR-SL	OK	SUB-LOOPS	ECS to SAI subloop charge 4-Wire Analog Zone 3 (Urban)		U6LEP	3
13MR-SL	OK	SUB-LOOPS	ECS to Terminal subloop charge 4-Wire Analog Zone 1 (Rural)		U6LEQ	1
13MR-SL	OK	SUB-LOOPS	ECS to Terminal subloop charge 4-Wire Analog Zone 2 (Suburban)		U6LEQ	2
13MR-SL	OK	SUB-LOOPS	ECS to Terminal subloop charge 4-Wire Analog Zone 3 (Urban)		U6LEQ	3
13MR-SL	OK	SUB-LOOPS	ECS to NID subloop charge 4-Wire Analog Zone 1 (Rural)		U6LER	1
13MR-SL	OK	SUB-LOOPS	ECS to NID subloop charge 4-Wire Analog Zone 2 (Suburban)		U6LER	2
13MR-SL	OK	SUB-LOOPS	ECS to NID subloop charge 4-Wire Analog Zone 3 (Urban)		U6LER	3
13MR-SL	OK	SUB-LOOPS	SAI to Terminal subloop charge 4-Wire Analog Zone 1 (Rural)		U6LES	1
13MR-SL	OK	SUB-LOOPS	SAI to Terminal subloop charge 4-Wire Analog Zone 2 (Suburban)		U6LES	2
13MR-SL	OK	SUB-LOOPS	SAI to Terminal subloop charge 4-Wire Analog Zone 3 (Urban)		U6LES	3
13MR-SL	OK	SUB-LOOPS	SAI to NID subloop charge 4-Wire Analog Zone 1 (Rural)		U6LET	1

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13MR-SL	OK	SUB-LOOPS	SAI to NID subloop charge 4-Wire Analog Zone 2 (Suburban)		U6LET	2
13MR-SL	OK	SUB-LOOPS	SAI to NID subloop charge 4-Wire Analog Zone 3 (Urban)		U6LET	3
13MR-SL	OK	SUB-LOOPS	Terminal to NID subloop charge 4-Wire Analog Zone 1 (Rural)		U6LEU	1
13MR-SL	OK	SUB-LOOPS	Terminal to NID subloop charge 4-Wire Analog Zone 2 (Suburban)		U6LEU	2
13MR-SL	OK	SUB-LOOPS	Terminal to NID subloop charge 4-Wire Analog Zone 3 (Urban)		U6LEU	3
13MR-SL	OK	SUB-LOOPS	ECS to SAI subloop charge 2-Wire DSL Zone 1 (Rural)		U6LCP	1
13MR-SL	OK	SUB-LOOPS	ECS to SAI subloop charge 2-Wire DSL Zone 2 (Suburban)		U6LCP	2
13MR-SL	OK	SUB-LOOPS	ECS to SAI subloop charge 2-Wire DSL Zone 3 (Urban)		U6LCP	3
13MR-SL	OK	SUB-LOOPS	ECS to Terminal subloop charge 2-Wire DSL Zone 1 (Rural)		U6LCQ	1
13MR-SL	OK	SUB-LOOPS	ECS to Terminal subloop charge 2-Wire DSL Zone 2 (Suburban)		U6LCQ	2
13MR-SL	OK	SUB-LOOPS	ECS to Terminal subloop charge 2-Wire DSL Zone 3 (Urban)		U6LCQ	3
13MR-SL	OK	SUB-LOOPS	ECS to NID subloop charge 2-Wire DSL Zone 1 (Rural)		U6LCR	1
13MR-SL	OK	SUB-LOOPS	ECS to NID subloop charge 2-Wire DSL Zone 2 (Suburban)		U6LCR	2
13MR-SL	OK	SUB-LOOPS	ECS to NID subloop charge 2-Wire DSL Zone 3 (Urban)		U6LCR	3
13MR-SL	OK	SUB-LOOPS	SAI to Terminal subloop charge 2-Wire DSL Zone 1 (Rural)		U6LCS	1
13MR-SL	OK	SUB-LOOPS	SAI to Terminal subloop charge 2-Wire DSL Zone 2 (Suburban)		U6LCS	2
13MR-SL	OK	SUB-LOOPS	SAI to Terminal subloop charge 2-Wire DSL Zone 3 (Urban)		U6LCS	3
13MR-SL	OK	SUB-LOOPS	SAI to NID subloop charge 2-Wire DSL Zone 1 (Rural)		U6LCT	1
13MR-SL	OK	SUB-LOOPS	SAI to NID subloop charge 2-Wire DSL Zone 2 (Suburban)		U6LCT	2
13MR-SL	OK	SUB-LOOPS	SAI to NID subloop charge 2-Wire DSL Zone 3 (Urban)		U6LCT	3

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13MR-SL	OK	SUB-LOOPS	Terminal to NID subloop charge 2-Wire DSL Zone 1 (Rural)		U6LCU	1
13MR-SL	OK	SUB-LOOPS	Terminal to NID subloop charge 2-Wire DSL Zone 2 (Suburban)		U6LCU	2
13MR-SL	OK	SUB-LOOPS	Terminal to NID subloop charge 2-Wire DSL Zone 3 (Urban)		U6LCU	3
13MR-SL	OK	SUB-LOOPS	ECS to SAI subloop charge 4-Wire DSL Zone 1 (Rural)		U6LGP	1
13MR-SL	OK	SUB-LOOPS	ECS to SAI subloop charge 4-Wire DSL Zone 2 (Suburban)		U6LGP	2
13MR-SL	OK	SUB-LOOPS	ECS to SAI subloop charge 4-Wire DSL Zone 3 (Urban)		U6LGP	3
13MR-SL	OK	SUB-LOOPS	ECS to Terminal subloop charge 4-Wire DSL Zone 1 (Rural)		U6LGQ	1
13MR-SL	OK	SUB-LOOPS	ECS to Terminal subloop charge 4-Wire DSL Zone 2 (Suburban)		U6LGQ	2
13MR-SL	OK	SUB-LOOPS	ECS to Terminal subloop charge 4-Wire DSL Zone 3 (Urban)		U6LGQ	3
13MR-SL	OK	SUB-LOOPS	ECS to NID subloop charge 4-Wire DSL Zone 1 (Rural)		U6LGR	1
13MR-SL	OK	SUB-LOOPS	ECS to NID subloop charge 4-Wire DSL Zone 2 (Suburban)		U6LGR	2
13MR-SL	OK	SUB-LOOPS	ECS to NID subloop charge 4-Wire-DSL Zone 3 (Urban)		U6LGR	3
13MR-SL	OK	SUB-LOOPS	SAI to Terminal subloop charge 4-Wire DSL Zone 1 (Rural)		U6LGS	1
13MR-SL	OK	SUB-LOOPS	SAI to Terminal subloop charge 4-Wire DSL Zone 2 (Suburban)		U6LGS	2
13MR-SL	OK	SUB-LOOPS	SAI to Terminal subloop charge 4-Wire DSL Zone 3 (Urban)		U6LGS	3
13MR-SL	OK	SUB-LOOPS	SAI to NID subloop charge 4-Wire DSL Zone 1 (Rural)		U6LGT	1
13MR-SL	OK	SUB-LOOPS	SAI to NID subloop charge 4-Wire DSL Zone 2 (Suburban)		U6LGT	2
13MR-SL	OK	SUB-LOOPS	SAI to NID subloop charge 4-Wire DSL Zone 3 (Urban)		U6LGT	3
13MR-SL	OK	SUB-LOOPS	Terminal to NID subloop charge 4-Wire DSL Zone 1 (Rural)		U6LGU	1
13MR-SL	OK	SUB-LOOPS	Terminal to NID subloop charge 4-Wire DSL Zone 2 (Suburban)		U6LGU	2

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13MR-SL	OK	SUB-LOOPS	Terminal to NID subloop charge 4-Wire DSL Zone 3 (Urban)		U6LGU	3
13MR-SL	OK	SUB-LOOPS	Subloop Cross Connect 2-Wire Analog Non-Central Office Originating		UKCV2	
13MR-SL	OK	SUB-LOOPS	Subloop Cross Connect 4-Wire Analog Non-Central Office Originating		UKCV4	
13MR-SL	OK	SUB-LOOPS	Subloop Cross Connect 2-Wire DSL Non-Central Office Originating		UKCZ2	
13MR-SL	OK	SUB-LOOPS	Subloop Cross Connect 4-Wire DSL Non-Central Office Originating		UKCZ4	
13	OK	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, First Mile - Zone 1 (Rural)		ULNHS	1
13	OK	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, First Mile - Zone 2 (Suburban)		ULNHS	2
13	OK	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, First Mile - Zone 3 (Urban)		ULNHS	3
13	OK	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, First Mile - Interzone		ULNHS	I
13	OK	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile - Zone 1 (Rural)		ULNHS	1
13	OK	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile - Zone 2 (Suburban)		ULNHS	2
13	OK	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile - Zone 3 (Urban)		ULNHS	3
13	OK	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile - Interzone		ULNHS	I
13	OK	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, First Mile - Zone 1 (Rural)		ULNJS	1
13	OK	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, First Mile - Zone 2 (Suburban)		ULNJS	2
13	OK	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, First Mile - Zone 3 (Urban)		ULNJS	3
13	OK	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, First Mile - Interzone		ULNJS	I
13	OK	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile - Zone 1 (Rural)		ULNJS	1
13	OK	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile - Zone 2 (Suburban)		ULNJS	2

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	OK	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile - Zone 3 (Urban)		ULNJS	3
13	OK	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile - Interzone		ULNJS	I
13	OK	UNBUNDLED DEDICATED TRANSPORT	DS1 to Collocation		UCXHX	
13	OK	UNBUNDLED DEDICATED TRANSPORT	DS3 to Collocation		UCXJX	
13	OK	UNBUNDLED DEDICATED TRANSPORT	DS1 to VG		UM4BX	
13	OK	UNBUNDLED DEDICATED TRANSPORT	DS3 to DS1		UM4AX	
13	OK	UNBUNDLED DEDICATED TRANSPORT	Dark Fiber - Interoffice per strand		ULYCX	
13	OK	UNBUNDLED DEDICATED TRANSPORT	Dark Fiber - Interoffice per foot Zone 1 (Rural)		ULNCF	1
13	OK	UNBUNDLED DEDICATED TRANSPORT	Dark Fiber - Interoffice per foot Zone 2 (Suburban)		ULNCF	2
13	OK	UNBUNDLED DEDICATED TRANSPORT	Dark Fiber - Interoffice per foot Zone 3 (Urban)		ULNCF	3
13	OK	UNBUNDLED DEDICATED TRANSPORT	Dark Fiber Cross Connect - Interoffice		UKCJX	I
13	OK	UNBUNDLED DEDICATED TRANSPORT	Dark Fiber - Interoffice Inquiry		NR9D6	
13	OK	UNBUNDLED DEDICATED TRANSPORT	2-Wire Analog Loop to POA - Method 1		UXRA1	1
13	OK	UNBUNDLED DEDICATED TRANSPORT	2-Wire Analog Loop to POA - Method 2		UXRA2	2
13	OK	UNBUNDLED DEDICATED TRANSPORT	2-Wire Analog Loop to POA - Method 3		UXRA3	3
13	OK	UNBUNDLED EXCHANGE ACCESS LOOP	Routine Modifications		N3RUE	
7	OK	OPERATIONS SUPPORT SYSTEMS (OSS)	Manual New - Simple		NRBUQ	
7	OK	OPERATIONS SUPPORT SYSTEMS (OSS)	Manual Change - Simple		NRBUO	
7	OK	OPERATIONS SUPPORT SYSTEMS (OSS)	Manual Record - Simple		NRBUU	
7	OK	OPERATIONS SUPPORT SYSTEMS (OSS)	Manual Disconnect - Simple		NRBUW	
7	OK	OPERATIONS SUPPORT SYSTEMS (OSS)	Manual Expedited - Simple		NRMV1	
7	OK	OPERATIONS SUPPORT SYSTEMS (OSS)	Manual Customer Not Ready - Simple		NRMV5	
7	OK	OPERATIONS SUPPORT SYSTEMS (OSS)	Manual Due Date Change or Cancellation - Simple		NRMV3	
7	OK	OPERATIONS SUPPORT SYSTEMS (OSS)	Electronic New - Simple		NR9W2	
7	OK	OPERATIONS SUPPORT SYSTEMS (OSS)	Electronic Change - Simple		NR9GG	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
7	OK	OPERATIONS SUPPORT SYSTEMS (OSS)	Electronic Record - Simple		NR9GU	
7	OK	OPERATIONS SUPPORT SYSTEMS (OSS)	Electronic Disconnect - Simple		NR9GZ	
7	OK	OPERATIONS SUPPORT SYSTEMS (OSS)	Electronic Expedited - Simple		NRMV7	
7	OK	OPERATIONS SUPPORT SYSTEMS (OSS)	Electronic Customer Not Ready - Simple		NRMV9	
7	OK	OPERATIONS SUPPORT SYSTEMS (OSS)	Electronic Due Date Change or Cancellation - Simple		NRMV8	
7	OK	OPERATIONS SUPPORT SYSTEMS (OSS)	PIC Change Charge		NRBL9	
13	OK	UNBUNDLED EXCHANGE ACCESS LOOP	Manual New - Complex		NRBUR	
13	OK	UNBUNDLED EXCHANGE ACCESS LOOP	Manual Change - Complex		NRBUP	
13	OK	UNBUNDLED EXCHANGE ACCESS LOOP	Manual Record - Complex		NRBUV	
13	OK	UNBUNDLED EXCHANGE ACCESS LOOP	Manual Disconnect - Complex		NRBUX	
13	OK	UNBUNDLED EXCHANGE ACCESS LOOP	Manual Expedited - Complex		NRMV2	
13	OK	UNBUNDLED EXCHANGE ACCESS LOOP	Manual Customer Not Ready - Complex		NRMV6	
13	OK	UNBUNDLED EXCHANGE ACCESS LOOP	Manual Due Date Change or Cancellation - Complex		NRMV4	
13	OK	UNBUNDLED EXCHANGE ACCESS LOOP	Electronic New - Complex		NRBGX	
13	OK	UNBUNDLED EXCHANGE ACCESS LOOP	Electronic Change - Complex		NR9G8	
13	OK	UNBUNDLED EXCHANGE ACCESS LOOP	Electronic Record - Complex		NR9G7	
13	OK	UNBUNDLED EXCHANGE ACCESS LOOP	Electronic Disconnect - Complex		NR9G9	
13	OK	UNBUNDLED EXCHANGE ACCESS LOOP	Electronic Expedited - Complex		NRMVX	
13	OK	UNBUNDLED EXCHANGE ACCESS LOOP	Electronic Customer Not Ready - Complex		NRMVY	
13	OK	UNBUNDLED EXCHANGE ACCESS LOOP	Electronic Due Date Change or Cancellation - Complex		NRMVZ	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	SC	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1-Zone 1	UEANL	UEAL2	1
13	SC	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1-Zone 1 [DISCONNECT]	UEANL	UEAL2	1
13	SC	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1-Zone 2	UEANL	UEAL2	2
13	SC	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1-Zone 2 [DISCONNECT]	UEANL	UEAL2	2
13	SC	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1-Zone 3	UEANL	UEAL2	3
13	SC	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1-Zone 3 [DISCONNECT]	UEANL	UEAL2	3
13	SC	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1-Zone 1	UEANL	UEASL	1
13	SC	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1-Zone 1 [DISCONNECT]	UEANL	UEASL	1
13	SC	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1-Zone 2	UEANL	UEASL	2
13	SC	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1-Zone 2 [DISCONNECT]	UEANL	UEASL	2
13	SC	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1-Zone 3	UEANL	UEASL	3
13	SC	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1-Zone 3 [DISCONNECT]	UEANL	UEASL	3
13	SC	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Manual Order Coordination for UVL-SL1s (per loop)	UEANL	UEAMC	
13	SC	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Order Coordination for Specified Conversion Time for UVL-SL1 (per LSR)	UEANL	OCOSL	
13	SC	UNBUNDLED EXCHANGE ACCESS LOOP	Bulk Migration, per 2 Wire Voice Loop-SL1	UEANL	UREPN	
13	SC	UNBUNDLED EXCHANGE ACCESS LOOP	Bulk Migration, per 2 Wire Voice Loop-SL1 [DISCONNECT]	UEANL	UREPN	
13	SC	UNBUNDLED EXCHANGE ACCESS LOOP	Bulk Migration Order Coordination, per 2 Wire Voice Loop-SL1	UEANL	UREPM	
14	SC	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Unbundled Copper Loop - Non-Designed Zone 1	UEQ	UEQ2X	1
14	SC	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Unbundled Copper Loop - Non-Designed Zone 1 [DISCONNECT]	UEQ	UEQ2X	1

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
14	SC	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop - Non-Designed - Zone 2	UEQ	UEQ2X	2
14	SC	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop - Non-Designed - Zone 2 [DISCONNECT]	UEQ	UEQ2X	2
14	SC	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop - Non-Designed - Zone 3	UEQ	UEQ2X	3
14	SC	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop - Non-Designed - Zone 3 [DISCONNECT]	UEQ	UEQ2X	3
14R-CU	SC	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop - Unbundled Miscellaneous Rate Element, Tag Loop at End User Premise	UEQ	URETL	
14R-CU	SC	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop - Loop Testing - Basic 1st Half Hour	UEQ	URET1	
14R-CU	SC	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop - Loop Testing - Basic Additional Half Hour	UEQ	URETA	
15	SC	UNBUNDLED EXCHANGE ACCESS LOOP	Manual Order Coordination 2 Wire Unbundled Copper Loop - Non-Designed (per loop)	UEQ	USBMC	
15	SC	UNBUNDLED EXCHANGE ACCESS LOOP	Bulk Migration, per 2 Wire UCL-ND	UEQ	UREPN	
15	SC	UNBUNDLED EXCHANGE ACCESS LOOP	Bulk Migration, per 2 Wire UCL-ND [DISCONNECT]	UEQ	UREPN	
15	SC	UNBUNDLED EXCHANGE ACCESS LOOP	Bulk Migration Order Coordination, per 2 Wire UCL-ND	UEQ	UREPM	
13	SC	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Single LSR, (per DS0)	UEA	URES�	
13	SC	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Spreadsheet, (per DS0)	UEA	URESP	
15	SC	UNBUNDLED EXCHANGE ACCESS LOOP	Bulk Migration, per 2 Wire Voice Loop-SL2	UEA	UREPN	
15	SC	UNBUNDLED EXCHANGE ACCESS LOOP	Bulk Migration Order Coordination, per 2 Wire Voice Loop-SL2	UEA	UREPM	
13	SC	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Voice Grade Loop - Zone 1	UEA	UEAL4	1
13	SC	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Voice Grade Loop - Zone 1 [DISCONNECT]	UEA	UEAL4	1
13	SC	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Voice Grade Loop - Zone 2	UEA	UEAL4	2
13	SC	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Voice Grade Loop - Zone 2 [DISCONNECT]	UEA	UEAL4	2
13	SC	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Voice Grade Loop - Zone 3	UEA	UEAL4	3
13	SC	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Voice Grade Loop - Zone 3 [DISCONNECT]	UEA	UEAL4	3

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	SC	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Single LSR, (per DS0)	UEA	URES	
13	SC	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Spreadsheet, (per DS0)	UEA	URESP	
13	SC	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire ISDN Digital Grade Loop - Zone 1	UDN	U1L2X	1
13	SC	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire ISDN Digital Grade Loop - Zone 1 [DISCONNECT]	UDN	U1L2X	1
13	SC	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire ISDN Digital Grade Loop - Zone 2	UDN	U1L2X	2
13	SC	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire ISDN Digital Grade Loop - Zone 2 [DISCONNECT]	UDN	U1L2X	2
13	SC	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire ISDN Digital Grade Loop - Zone 3	UDN	U1L2X	3
13	SC	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire ISDN Digital Grade Loop - Zone 3 [DISCONNECT]	UDN	U1L2X	3
14	SC	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled ADSL Loop including manual service inquiry & facility reservation - Zone 1	UAL	UAL2X	1
14	SC	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled ADSL Loop including manual service inquiry & facility reservation - Zone 1 [DISCONNECT]	UAL	UAL2X	1
14	SC	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled ADSL Loop including manual service inquiry & facility reservation - Zone 2	UAL	UAL2X	2
14	SC	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled ADSL Loop including manual service inquiry & facility reservation - Zone 2 [DISCONNECT]	UAL	UAL2X	2
14	SC	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled ADSL Loop including manual service inquiry & facility reservation - Zone 3	UAL	UAL2X	3
14	SC	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled ADSL Loop including manual service inquiry & facility reservation - Zone 3 [DISCONNECT]	UAL	UAL2X	3
14	SC	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled ADSL Loop without manual service inquiry & facility reservaton - Zone 1	UAL	UAL2W	1
14	SC	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled ADSL Loop without manual service inquiry & facility reservaton - Zone 1 [DISCONNECT]	UAL	UAL2W	1
14	SC	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled ADSL Loop without manual service inquiry & facility reservaton - Zone 2	UAL	UAL2W	2
14	SC	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled ADSL Loop without manual service inquiry & facility reservaton - Zone 2 [DISCONNECT]	UAL	UAL2W	2
14	SC	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled ADSL Loop without manual service inquiry & facility reservaton - Zone 3	UAL	UAL2W	3

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
14	SC	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled ADSL Loop without manual service inquiry & facility reservaton - Zone 3 [DISCONNECT]	UAL	UAL2W	3
14	SC	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled HDSL Loop including manual service inquiry & facility reservation - Zone 1	UHL	UHL2X	1
14	SC	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled HDSL Loop including manual service inquiry & facility reservation - Zone 1 [DISCONNECT]	UHL	UHL2X	1
14	SC	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled HDSL Loop including manual service inquiry & facility reservation - Zone 2	UHL	UHL2X	2
14	SC	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled HDSL Loop including manual service inquiry & facility reservation - Zone 2 [DISCONNECT]	UHL	UHL2X	2
14	SC	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled HDSL Loop including manual service inquiry & facility reservation - Zone 3	UHL	UHL2X	3
14	SC	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled HDSL Loop including manual service inquiry & facility reservation - Zone 3 [DISCONNECT]	UHL	UHL2X	3
14	SC	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled HDSL Loop without manual service inquiry and facility reservation - Zone 1	UHL	UHL2W	1
14	SC	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled HDSL Loop without manual service inquiry and facility reservation - Zone 1 [DISCONNECT]	UHL	UHL2W	1
14	SC	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled HDSL Loop without manual service inquiry and facility reservation - Zone 2	UHL	UHL2W	2
14	SC	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled HDSL Loop without manual service inquiry and facility reservation - Zone 2 [DISCONNECT]	UHL	UHL2W	2
14	SC	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled HDSL Loop without manual service inquiry and facility reservation - Zone 3	UHL	UHL2W	3
14	SC	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled HDSL Loop without manual service inquiry and facility reservation - Zone 3 [DISCONNECT]	UHL	UHL2W	3
14	SC	UNBUNDLED EXCHANGE ACCESS LOOP	4 Wire Unbundled HDSL Loop including manual service inquiry and facility reservation - Zone 1	UHL	UHL4X	1
14	SC	UNBUNDLED EXCHANGE ACCESS LOOP	4 Wire Unbundled HDSL Loop including manual service inquiry and facility reservation - Zone 1 [DISCONNECT]	UHL	UHL4X	1
14	SC	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Unbundled HDSL Loop including manual service inquiry and facility reservation - Zone 2	UHL	UHL4X	2
14	SC	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Unbundled HDSL Loop including manual service inquiry and facility reservation - Zone 2 [DISCONNECT]	UHL	UHL4X	2
14	SC	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Unbundled HDSL Loop including manual service inquiry and facility reservation - Zone 3	UHL	UHL4X	3

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
14	SC	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Unbundled HDSL Loop including manual service inquiry and facility reservation - Zone 3 [DISCONNECT]	UHL	UHL4X	3
14	SC	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Unbundled HDSL Loop without manual service inquiry and facility reservation - Zone 1	UHL	UHL4W	1
14	SC	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Unbundled HDSL Loop without manual service inquiry and facility reservation - Zone 1 [DISCONNECT]	UHL	UHL4W	1
14	SC	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Unbundled HDSL Loop without manual service inquiry and facility reservation - Zone 2	UHL	UHL4W	2
14	SC	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Unbundled HDSL Loop without manual service inquiry and facility reservation - Zone 2 [DISCONNECT]	UHL	UHL4W	2
14	SC	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Unbundled HDSL Loop without manual service inquiry and facility reservation - Zone 3	UHL	UHL4W	3
14	SC	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Unbundled HDSL Loop without manual service inquiry and facility reservation - Zone 3 [DISCONNECT]	UHL	UHL4W	3
13	SC	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire DS1 Digital Loop - Zone 1	USL	USLXX	1
13	SC	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire DS1 Digital Loop - Zone 1 [DISCONNECT]	USL	USLXX	1
13	SC	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire DS1 Digital Loop - Zone 2	USL	USLXX	2
13	SC	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire DS1 Digital Loop - Zone 2 [DISCONNECT]	USL	USLXX	2
13	SC	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire DS1 Digital Loop - Zone 3	USL	USLXX	3
13	SC	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire DS1 Digital Loop - Zone 3 [DISCONNECT]	USL	USLXX	3
13	SC	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire DS1 Digital Loop - Switch-As-Is Conversion rate per UNE Loop, Single LSR, (per DS1)	USL	URES	
13	SC	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire DS1 Digital Loop - Switch-As-Is Conversion rate per UNE Loop, Spreadsheet, (per DS1)	USL	URES	
14	SC	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Unbundled Copper Loop-Designed including manual service inquiry & facility reservation - Zone 1	UCL	UCLPB	1
14	SC	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Unbundled Copper Loop-Designed including manual service inquiry & facility reservation - Zone 1 [DISCONNECT]	UCL	UCLPB	1
14	SC	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Unbundled Copper Loop-Designed including manual service inquiry & facility reservation - Zone 2	UCL	UCLPB	2
14	SC	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Unbundled Copper Loop-Designed including manual service inquiry & facility reservation - Zone 2 [DISCONNECT]	UCL	UCLPB	2
14	SC	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop-Designed including manual service inquiry & facility reservation - Zone 3	UCL	UCLPB	3

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
14	SC	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop-Designed including manual service inquiry & facility reservation - Zone 3 [DISCONNECT]	UCL	UCLPB	3
14	SC	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Unbundled Copper Loop-Designed without manual service inquiry and facility reservation - Zone 1	UCL	UCLPW	1
14	SC	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Unbundled Copper Loop-Designed without manual service inquiry and facility reservation - Zone 1 [DISCONNECT]	UCL	UCLPW	1
14	SC	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Unbundled Copper Loop-Designed without manual service inquiry and facility reservation - Zone 2	UCL	UCLPW	2
14	SC	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Unbundled Copper Loop-Designed without manual service inquiry and facility reservation - Zone 2 [DISCONNECT]	UCL	UCLPW	2
14	SC	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Unbundled Copper Loop-Designed without manual service inquiry and facility reservation - Zone 3	UCL	UCLPW	3
14	SC	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Unbundled Copper Loop-Designed without manual service inquiry and facility reservation - Zone 3 [DISCONNECT]	UCL	UCLPW	3
15	SC	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Unbundled Copper Loop - Order Coordination for Unbundled Copper Loops (per loop)	UCL	UCLMC	
14	SC	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Copper Loop-Designed including manual service inquiry and facility reservation - Zone 1	UCL	UCL4S	1
14	SC	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Copper Loop-Designed including manual service inquiry and facility reservation - Zone 1 [DISCONNECT]	UCL	UCL4S	1
14	SC	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Copper Loop-Designed including manual service inquiry and facility reservation - Zone 2	UCL	UCL4S	2
14	SC	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Copper Loop-Designed including manual service inquiry and facility reservation - Zone 2 [DISCONNECT]	UCL	UCL4S	2
14	SC	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Copper Loop-Designed including manual service inquiry and facility reservation - Zone 3	UCL	UCL4S	3
14	SC	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Copper Loop-Designed including manual service inquiry and facility reservation - Zone 3 [DISCONNECT]	UCL	UCL4S	3
14	SC	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Copper Loop-Designed without manual service inquiry and facility reservation - Zone 1	UCL	UCL4W	1
14	SC	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Copper Loop-Designed without manual service inquiry and facility reservation - Zone 1 [DISCONNECT]	UCL	UCL4W	1

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
14	SC	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Copper Loop-Designed without manual service inquiry and facility reservation - Zone 2	UCL	UCL4W	2
14	SC	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Copper Loop-Designed without manual service inquiry and facility reservation - Zone 2 [DISCONNECT]	UCL	UCL4W	2
14	SC	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Copper Loop-Designed without manual service inquiry and facility reservation - Zone 3	UCL	UCL4W	3
14	SC	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Copper Loop-Designed without manual service inquiry and facility reservation - Zone 3 [DISCONNECT]	UCL	UCL4W	3
15	SC	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Copper Loop-Order Coordination for Unbundled Copper Loops (per loop)	UCL	UCLMC	
15	SC	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Copper Loop - Order Coordination for Specified Conversion Time (per LSR)	UEA, UDN, UAL, UHL, UDL, USL	OCOSL	
13	SC	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Loop or Ground Start Signaling - Zone 1	NTCVG	UEAL2	1
13	SC	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Loop or Ground Start Signaling - Zone 1 [DISCONNECT]	NTCVG	UEAL2	1
13	SC	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Loop or Ground Start Signaling - Zone 2	NTCVG	UEAL2	2
13	SC	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Loop or Ground Start Signaling - Zone 2 [DISCONNECT]	NTCVG	UEAL2	2
13	SC	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Loop or Ground Start Signaling - Zone 3	NTCVG	UEAL2	3
13	SC	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Loop or Ground Start Signaling - Zone 3 [DISCONNECT]	NTCVG	UEAL2	3
13	SC	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Reverse Battery Signaling - Zone 1	NTCVG	UEAR2	1
13	SC	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Reverse Battery Signaling - Zone 1 [DISCONNECT]	NTCVG	UEAR2	1
13	SC	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Reverse Battery Signaling - Zone 2	NTCVG	UEAR2	2
13	SC	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Reverse Battery Signaling - Zone 2 [DISCONNECT]	NTCVG	UEAR2	2
13	SC	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Reverse Battery Signaling - Zone 3	NTCVG	UEAR2	3

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	SC	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Reverse Battery Signaling - Zone 3 [DISCONNECT]	NTCVG	UEAR2	3
13	SC	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Single LSR, (per DS0)	NTCVG	URES	
13	SC	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Spreadsheet, (per DS0)	NTCVG	URESP	
13	SC	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Loop Tagging - Service Level 2 (SL2)	NTCVG	URETL	
13	SC	UNE LOOP COMMINGLING	4-Wire Analog Voice Grade Loop - Zone 1	NTCVG	UEAL4	1
13	SC	UNE LOOP COMMINGLING	4-Wire Analog Voice Grade Loop - Zone 1 [DISCONNECT]	NTCVG	UEAL4	1
13	SC	UNE LOOP COMMINGLING	4-Wire Analog Voice Grade Loop - Zone 2	NTCVG	UEAL4	2
13	SC	UNE LOOP COMMINGLING	4-Wire Analog Voice Grade Loop - Zone 2 [DISCONNECT]	NTCVG	UEAL4	2
13	SC	UNE LOOP COMMINGLING	4-Wire Analog Voice Grade Loop - Zone 3	NTCVG	UEAL4	3
13	SC	UNE LOOP COMMINGLING	4-Wire Analog Voice Grade Loop - Zone 3 [DISCONNECT]	NTCVG	UEAL4	3
13	SC	UNE LOOP COMMINGLING	4-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Single LSR, (per DS0)	NTCVG	URES	
13	SC	UNE LOOP COMMINGLING	4-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Spreadsheet, (per DS0)	NTCVG	URESP	
13	SC	UNE LOOP COMMINGLING	4-Wire DS1 Digital Loop - Zone 1	NTCD1	USLXX	1
13	SC	UNE LOOP COMMINGLING	4-Wire DS1 Digital Loop - Zone 1 [DISCONNECT]	NTCD1	USLXX	1
13	SC	UNE LOOP COMMINGLING	4-Wire DS1 Digital Loop - Zone 2	NTCD1	USLXX	2
13	SC	UNE LOOP COMMINGLING	4-Wire DS1 Digital Loop - Zone 2 [DISCONNECT]	NTCD1	USLXX	2
13	SC	UNE LOOP COMMINGLING	4-Wire DS1 Digital Loop - Zone 3	NTCD1	USLXX	3
13	SC	UNE LOOP COMMINGLING	4-Wire DS1 Digital Loop - Zone 3 [DISCONNECT]	NTCD1	USLXX	3
13	SC	UNE LOOP COMMINGLING	4-Wire DS1 Digital Loop - Switch-As-Is Conversion rate per UNE Loop, Single LSR, (per DS1)	NTCD1	URES	
13	SC	UNE LOOP COMMINGLING	4-Wire DS1 Digital Loop - Switch-As-Is Conversion rate per UNE Loop, Spreadsheet, (per DS1)	NTCD1	URESP	
13	SC	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 2.4 Kbps - Zone 1	NTCUD	UDL2X	1
13	SC	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 2.4 Kbps - Zone 1 [DISCONNECT]	NTCUD	UDL2X	1
13	SC	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 2.4 Kbps - Zone 2	NTCUD	UDL2X	2

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	SC	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 2.4 Kbps - Zone 2 [DISCONNECT]	NTCUD	UDL2X	2
13	SC	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 2.4 Kbps - Zone3	NTCUD	UDL2X	3
13	SC	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 2.4 Kbps - Zone3 [DISCONNECT]	NTCUD	UDL2X	3
13	SC	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 4.8 Kbps - Zone 1	NTCUD	UDL4X	1
13	SC	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 4.8 Kbps - Zone 1 [DISCONNECT]	NTCUD	UDL4X	1
13	SC	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 4.8 Kbps - Zone 2	NTCUD	UDL4X	2
13	SC	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 4.8 Kbps - Zone 2 [DISCONNECT]	NTCUD	UDL4X	2
13	SC	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 4.8 Kbps - Zone 3	NTCUD	UDL4X	3
13	SC	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 4.8 Kbps - Zone 3 [DISCONNECT]	NTCUD	UDL4X	3
13	SC	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 9.6 Kbps - Zone 1	NTCUD	UDL9X	1
13	SC	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 9.6 Kbps - Zone 1 [DISCONNECT]	NTCUD	UDL9X	1
13	SC	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 9.6 Kbps - Zone 2	NTCUD	UDL9X	2
13	SC	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 9.6 Kbps - Zone 2 [DISCONNECT]	NTCUD	UDL9X	2
13	SC	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 9.6 Kbps - Zone 3	NTCUD	UDL9X	3
13	SC	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 9.6 Kbps - Zone 3 [DISCONNECT]	NTCUD	UDL9X	3
13	SC	UNE LOOP COMMINGLING	4 Wire Unbundled Digital 19.2 Kbps - Zone 1	NTCUD	UDL19	1
13	SC	UNE LOOP COMMINGLING	4 Wire Unbundled Digital 19.2 Kbps - Zone 1 [DISCONNECT]	NTCUD	UDL19	1
13	SC	UNE LOOP COMMINGLING	4 Wire Unbundled Digital 19.2 Kbps - Zone 2	NTCUD	UDL19	2
13	SC	UNE LOOP COMMINGLING	4 Wire Unbundled Digital 19.2 Kbps - Zone 2 [DISCONNECT]	NTCUD	UDL19	2
13	SC	UNE LOOP COMMINGLING	4 Wire Unbundled Digital 19.2 Kbps - Zone 3	NTCUD	UDL19	3
13	SC	UNE LOOP COMMINGLING	4 Wire Unbundled Digital 19.2 Kbps - Zone 3 [DISCONNECT]	NTCUD	UDL19	3
13	SC	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 56 Kbps - Zone 1	NTCUD	UDL56	1
13	SC	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 56 Kbps - Zone 1 [DISCONNECT]	NTCUD	UDL56	1
13	SC	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 56 Kbps - Zone 2	NTCUD	UDL56	2

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	SC	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 56 Kbps - Zone 2 [DISCONNECT]	NTCUD	UDL56	2
13	SC	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 56 Kbps - Zone 3	NTCUD	UDL56	3
13	SC	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 56 Kbps - Zone 3 [DISCONNECT]	NTCUD	UDL56	3
13	SC	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 64 Kbps - Zone 1	NTCUD	UDL64	1
13	SC	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 64 Kbps - Zone 1 [DISCONNECT]	NTCUD	UDL64	1
13	SC	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 64 Kbps - Zone 2	NTCUD	UDL64	2
13	SC	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 64 Kbps - Zone 2 [DISCONNECT]	NTCUD	UDL64	2
13	SC	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 64 Kbps - Zone 3	NTCUD	UDL64	3
13	SC	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 64 Kbps - Zone 3 [DISCONNECT]	NTCUD	UDL64	3
13	SC	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 19.2, 56 or 64 Kbps - Switch-As-Is Conversion rate per UNE Loop, Single LSR, (per DS0)	NTCUD	URES	
13	SC	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 19.2, 56 or 64 Kbps - Switch-As-Is Conversion rate per UNE Loop, Spreadsheet, (per DS0)	NTCUD	URES	
15	SC	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 19.2, 56 or 64 Kbps - Order Coordination for Specified Conversion Time (per LSR)	NTCVG, NTCUD, NTCD1	OCOSL	
13	SC	MAINTENANCE OF SERVICE	Maintenance of Service Charge, Basic Time, per half hour	UDC, UEA, UDL, UDN, USL, UAL, UHL, UCL, NTCVG, NTCUD, NTCD1, U1TD1, U1TD3, U1TDX, U1TS1, U1TVX, UDF, UDFCX, UDLSX, UE3, ULDD1, ULDD3, ULDDX, ULDS1, ULDVX, UNC1X, UNC3X, UNCDX, UNCSX, UNCVX, ULS	MVVB	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	SC	MAINTENANCE OF SERVICE	Maintenance of Service Charge, Overtime, per half hour	UDC, UEA, UDL, UDN, USL, UAL, UHL, UCL, NTCVG, NTCUD, NTCDD1, U1TD1, U1TD3, U1TDX, U1TS1, U1TVX, UDF, UDFCX, UDLSX, UE3, ULDD1, ULDD3, ULDDX, ULDS1, ULVDX, UNC1X, UNC3X, UNCDX, UNCSX, UNCVX, ULS	MVVOT	
13	SC	MAINTENANCE OF SERVICE	Maintenance of Service Charge, Premium, per half hour	UDC, UEA, UDL, UDN, USL, UAL, UHL, UCL, NTCVG, NTCUD, NTCDD1, U1TD1, U1TD3, U1TDX, U1TS1, U1TVX, UDF, UDFCX, UDLSX, UE3, ULDD1, ULDD3, ULDDX, ULDS1, ULVDX, UNC1X, UNC3X, UNCDX, UNCSX, UNCVX, ULS	MVVPT	
14	SC	LOOP MODIFICATION	Unbundled Loop Modification, Removal of Load Coils - 2 Wire pair less than or equal to 18k ft, per Unbundled Loop	UAL, UHL, UCL, UEQ, ULS, UEA, UEANL, UEPSR, UEPSB	ULM2L	
14	SC	LOOP MODIFICATION	Unbundled Loop Modification Removal of Load Coils - 4 Wire less than or equal to 18K ft, per Unbundled Loop	UHL, UCL, UEA	ULM4L	
14	SC	LOOP MODIFICATION	Unbundled Loop Modification Removal of Bridged Tap Removal, per unbundled loop	UAL, UHL, UCL, UEQ, ULS, UEA, UEANL, UEPSR, UEPSB	ULMBT	
13MR-SL	SC	SUB-LOOPS	Sub-Loop - Per Cross Box Location - CLEC Feeder Facility Set-Up	UEANL, UEF	USBSA	
13MR-SL	SC	SUB-LOOPS	Sub-Loop - Per Cross Box Location - Per 25 Pair Panel Set-Up	UEANL, UEF	USBSB	
13MR-SL	SC	SUB-LOOPS	Sub-Loop - Per Building Equipment Room - CLEC Feeder Facility Set-Up	UEANL	USBSC	
13MR-SL	SC	SUB-LOOPS	Sub-Loop - Per Building Equipment Room - Per 25 Pair Panel Set-Up	UEANL	USBSD	
13MR-SL	SC	SUB-LOOPS	Sub-Loop Distribution Per 2-Wire Analog Voice Grade Loop - Zone 1	UEANL	USBN2	1
13MR-SL	SC	SUB-LOOPS	Sub-Loop Distribution Per 2-Wire Analog Voice Grade Loop - Zone 1 [DISCONNECT]	UEANL	USBN2	1
13MR-SL	SC	SUB-LOOPS	Sub-Loop Distribution Per 2-Wire Analog Voice Grade Loop - Zone 2	UEANL	USBN2	2

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13MR-SL	SC	SUB-LOOPS	Sub-Loop Distribution Per 2-Wire Analog Voice Grade Loop - Zone 2 [DISCONNECT]	UEANL	USBN2	2
13MR-SL	SC	SUB-LOOPS	Sub-Loop Distribution Per 2-Wire Analog Voice Grade Loop - Zone 3	UEANL	USBN2	3
13MR-SL	SC	SUB-LOOPS	Sub-Loop Distribution Per 2-Wire Analog Voice Grade Loop - Zone 3 [DISCONNECT]	UEANL	USBN2	3
13	SC	SUB-LOOPS	Order Coordination for Unbundled Sub-Loops, per sub-loop pair	UEANL	USBMC	
13MR-SL	SC	SUB-LOOPS	Sub-Loop Distribution Per 4-Wire Analog Voice Grade Loop - Zone 1	UEANL	USBN4	1
13MR-SL	SC	SUB-LOOPS	Sub-Loop Distribution Per 4-Wire Analog Voice Grade Loop - Zone 1 [DISCONNECT]	UEANL	USBN4	1
13MR-SL	SC	SUB-LOOPS	Sub-Loop Distribution Per 4-Wire Analog Voice Grade Loop - Zone 2	UEANL	USBN4	2
13MR-SL	SC	SUB-LOOPS	Sub-Loop Distribution Per 4-Wire Analog Voice Grade Loop - Zone 2 [DISCONNECT]	UEANL	USBN4	2
13MR-SL	SC	SUB-LOOPS	Sub-Loop Distribution Per 4-Wire Analog Voice Grade Loop - Zone 3	UEANL	USBN4	3
13MR-SL	SC	SUB-LOOPS	Sub-Loop Distribution Per 4-Wire Analog Voice Grade Loop - Zone 3 [DISCONNECT]	UEANL	USBN4	3
13MR-SL	SC	SUB-LOOPS	Sub-Loop 2-Wire Intrabuilding Network Cable (INC)	UEANL	USBR2	
13MR-SL	SC	SUB-LOOPS	Sub-Loop 2-Wire Intrabuilding Network Cable (INC) [DISCONNECT]	UEANL	USBR2	
13MR-SL	SC	SUB-LOOPS	Sub-Loop 4-Wire Intrabuilding Network Cable (INC)	UEANL	USBR4	
13MR-SL	SC	SUB-LOOPS	Sub-Loop 4-Wire Intrabuilding Network Cable (INC) [DISCONNECT]	UEANL	USBR4	
13MR-SL	SC	SUB-LOOPS	Loop Testing - Basic 1st Half Hour	UEANL	URET1	
13MR-SL	SC	SUB-LOOPS	Loop Testing - Basic Additional Half Hour	UEANL	URETA	
13MR-SL	SC	SUB-LOOPS	2 Wire Copper Unbundled Sub-Loop Distribution - Zone 1	UEF	UCS2X	1
13MR-SL	SC	SUB-LOOPS	2 Wire Copper Unbundled Sub-Loop Distribution - Zone 1 [DISCONNECT]	UEF	UCS2X	1
13MR-SL	SC	SUB-LOOPS	2 Wire Copper Unbundled Sub-Loop Distribution - Zone 2	UEF	UCS2X	2
13MR-SL	SC	SUB-LOOPS	2 Wire Copper Unbundled Sub-Loop Distribution - Zone 2 [DISCONNECT]	UEF	UCS2X	2

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13MR-SL	SC	SUB-LOOPS	2 Wire Copper Unbundled Sub-Loop Distribution - Zone 3	UEF	UCS2X	3
13MR-SL	SC	SUB-LOOPS	2 Wire Copper Unbundled Sub-Loop Distribution - Zone 3 [DISCONNECT]	UEF	UCS2X	3
13	SC	SUB-LOOPS	Order Coordination for Unbundled Sub-Loops, per sub-loop pair	UEF	USBMC	
13MR-SL	SC	SUB-LOOPS	4 Wire Copper Unbundled Sub-Loop Distribution - Zone 1	UEF	UCS4X	1
13MR-SL	SC	SUB-LOOPS	4 Wire Copper Unbundled Sub-Loop Distribution - Zone 1 [DISCONNECT]	UEF	UCS4X	1
13MR-SL	SC	SUB-LOOPS	4 Wire Copper Unbundled Sub-Loop Distribution - Zone 2	UEF	UCS4X	2
13MR-SL	SC	SUB-LOOPS	4 Wire Copper Unbundled Sub-Loop Distribution - Zone 2 [DISCONNECT]	UEF	UCS4X	2
13MR-SL	SC	SUB-LOOPS	4 Wire Copper Unbundled Sub-Loop Distribution - Zone 3	UEF	UCS4X	3
13MR-SL	SC	SUB-LOOPS	4 Wire Copper Unbundled Sub-Loop Distribution - Zone 3 [DISCONNECT]	UEF	UCS4X	3
13MR-SL	SC	SUB-LOOPS	Loop Tagging Service Level 1, Unbundled Copper Loop, Non-Designed and Distribution Subloops	UEF, UEANL	URETL	
13MR-SL	SC	SUB-LOOPS	Loop Testing - Basic 1st Half Hour	UEF	URET1	
13MR-SL	SC	SUB-LOOPS	Loop Testing - Basic Additional Half Hour	UEF	URETA	
13	SC	SUB-LOOPS	Unbundled Sub-Loop Modification - 2-W Copper Dist Load Coil/Equip Removal per 2-W PR	UEF	ULM2X	
13	SC	SUB-LOOPS	Unbundled Sub-loop Modification - 4-W Copper Dist Load Coil/Equip Removal per 4-W PR	UEF	ULM4X	
13	SC	SUB-LOOPS	Unbundled Loop Modification, Removal of Bridge Tap, per unbundled loop	UEF	ULMBT	
13MR-SL	SC	SUB-LOOPS	Unbundled Network Terminating Wire (UNTW) per Pair	UENTW	UENPP	
13	SC	ADDITIONAL NETWORK ELEMENTS	Network Interface Device (NID) - 1-2 lines	UENTW	UND12	
13	SC	ADDITIONAL NETWORK ELEMENTS	Network Interface Device (NID) - 1-6 lines	UENTW	UND16	
13	SC	ADDITIONAL NETWORK ELEMENTS	Network Interface Device Cross Connect - 2 W	UENTW	UNDC2	
13	SC	ADDITIONAL NETWORK ELEMENTS	Network Interface Device Cross Connect - 4W	UENTW	UNDC4	
13	SC	UNE OTHER, PROVISIONING ONLY - NO RATE	Unbundled Contact Name, Provisioning Only - no rate	UAL, UCL, UDC, UDL, UDN, UEA, UHL, UEANL, UEF, UEQ, UENTW, NTCVG, NTCUD, NTCD1, USL	UNECN	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	SC	UNE OTHER, PROVISIONING ONLY - NO RATE	Unbundled DS1 Loop - Superframe Format Option - no rate	USL, NTCD1	CCOSF	
13	SC	UNE OTHER, PROVISIONING ONLY - NO RATE	Unbundled DS1 Loop - Expanded Superframe Format option - no rate	USL, NTCD1	CCOEF	
13	SC	UNE OTHER, PROVISIONING ONLY - NO RATE	NID - Dispatch and Service Order for NID installation	UENTW	UNDBX	
13MR-SL	SC	UNE OTHER, PROVISIONING ONLY - NO RATE	UNTW Circuit Establishment, Provisioning Only - No Rate	UENTW	UENCE	
14	SC	LOOP MAKE-UP	Loop Makeup - Preordering Without Reservation, per working or spare facility queried (Manual).	UMK	UMKLW	
14	SC	LOOP MAKE-UP	Loop Makeup - Preordering With Reservation, per spare facility queried (Manual).	UMK	UMKLP	
14	SC	LOOP MAKE-UP	Loop Makeup--With or Without Reservation, per working or spare facility queried (Mechanized)	UMK	UMKMQ	
14R-LS	SC	LINE SPLITTING	End User Ordering - Central Office Based - Line Splitting - per line activation DLEC owned splitter	UEPSR, UEPSB	UREOS	
14R-LS	SC	LINE SPLITTING	End User Ordering - Central Office Based - Line Splitting - per line activation AT&T owned - physical	UEPSR, UEPSB	UREBP	
14R-LS	SC	LINE SPLITTING	End User Ordering - Central Office Based - Line Splitting - per line activation AT&T owned - physical [DISCONNECT]	UEPSR, UEPSB	UREBP	
14R-LS	SC	LINE SPLITTING	End User Ordering - Central Office Based - Line Splitting - per line activation AT&T owned - virtual	UEPSR, UEPSB	UREBV	
14R-LS	SC	LINE SPLITTING	End User Ordering - Central Office Based - Line Splitting - per line activation AT&T owned - virtual [DISCONNECT]	UEPSR, UEPSB	UREBV	
14R-LS	SC	LINE SPLITTING	Unbundled Exchange Access Loop - 2 Wire Analog Voice Grade Loop-Service Level 1-Line Splitting- Zone 1	UEPSR, UEPSB	UEALS	1
14R-LS	SC	LINE SPLITTING	Unbundled Exchange Access Loop - 2 Wire Analog Voice Grade Loop-Service Level 1-Line Splitting- Zone 1 [DISCONNECT]	UEPSR, UEPSB	UEALS	1
14R-LS	SC	LINE SPLITTING	Unbundled Exchange Access Loop - 2 Wire Analog Voice Grade Loop-Service Level 1-Line Splitting- Zone 1	UEPSR, UEPSB	UEABS	1

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
14R-LS	SC	LINE SPLITTING	Unbundled Exchange Access Loop - 2 Wire Analog Voice Grade Loop-Service Level 1-Line Splitting- Zone 1 [DISCONNECT]	UEPSR, UEPSB	UEABS	1
14R-LS	SC	LINE SPLITTING	Unbundled Exchange Access Loop - 2 Wire Analog Voice Grade Loop- Service Level 1-Line Splitting-Zone 2	UEPSR, UEPSB	UEALS	2
14R-LS	SC	LINE SPLITTING	Unbundled Exchange Access Loop - 2 Wire Analog Voice Grade Loop- Service Level 1-Line Splitting-Zone 2 [DISCONNECT]	UEPSR, UEPSB	UEALS	2
14R-LS	SC	LINE SPLITTING	Unbundled Exchange Access Loop - 2 Wire Analog Voice Grade Loop- Service Level 1-Line Splitting-Zone 2	UEPSR, UEPSB	UEABS	2
14R-LS	SC	LINE SPLITTING	Unbundled Exchange Access Loop - 2 Wire Analog Voice Grade Loop- Service Level 1-Line Splitting-Zone 2 [DISCONNECT]	UEPSR, UEPSB	UEABS	2
14R-LS	SC	LINE SPLITTING	Unbundled Exchange Access Loop - 2 Wire Analog Voice Grade Loop-Service Level 1-Line Splitting-Zone 3	UEPSR, UEPSB	UEALS	3
14R-LS	SC	LINE SPLITTING	Unbundled Exchange Access Loop - 2 Wire Analog Voice Grade Loop-Service Level 1-Line Splitting-Zone 3 [DISCONNECT]	UEPSR, UEPSB	UEALS	3
14R-LS	SC	LINE SPLITTING	Unbundled Exchange Access Loop - 2 Wire Analog Voice Grade Loop-Service Level 1-Line Splitting-Zone 3	UEPSR, UEPSB	UEABS	3
14R-LS	SC	LINE SPLITTING	Unbundled Exchange Access Loop - 2 Wire Analog Voice Grade Loop-Service Level 1-Line Splitting-Zone 3 [DISCONNECT]	UEPSR, UEPSB	UEABS	3
14R-LS	SC	LINE SPLITTING	Unbundled Exchange Access Loop - Physical Collocation-2 Wire Cross Connects (Loop) for Line Splitting	UEPSR, UEPSB	PE1LS	
14R-LS	SC	LINE SPLITTING	Unbundled Exchange Access Loop - Physical Collocation-2 Wire Cross Connects (Loop) for Line Splitting [DISCONNECT]	UEPSR, UEPSB	PE1LS	
14R-LS	SC	LINE SPLITTING	Unbundled Exchange Access Loop - Virtual Collocation-2 Wire Cross Connects (Loop) for Line Splitting	UEPSR, UEPSB	VE1LS	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
14R-LS	SC	LINE SPLITTING	Unbundled Exchange Access Loop - Virtual Collocation- 2 Wire Cross Connects (Loop) for Line Splitting [DISCONNECT]	UEPSR, UEPSB	VE1LS	
13	SC	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS1 - per mile	U1TD1	1L5XX	
13	SC	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS1 - Facility Termination	U1TD1	U1TF1	
13	SC	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS1 - Facility Termination [DISCONNECT]	U1TD1	U1TF1	
13	SC	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS3 - per mile	U1TD3	1L5XX	
13	SC	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS3 - Facility Termination	U1TD3	U1TF3	
13	SC	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS3 - Facility Termination [DISCONNECT]	U1TD3	U1TF3	
13	SC	UNBUNDLED DEDICATED TRANSPORT	Dark Fiber - Interoffice Transport, Per Four Fiber Strands, Per Route Mile Or Fraction Thereof	UDF	1L5DF	
13	SC	UNBUNDLED DEDICATED TRANSPORT	Dark Fiber - Interoffice Transport, Per Four Fiber Strands, Per Route Mile Or Fraction Thereof	UDF	UDF14	
13	SC	UNBUNDLED DEDICATED TRANSPORT	Dark Fiber - Interoffice Transport, Per Four Fiber Strands, Per Route Mile Or Fraction Thereof [DISCONNECT]	UDF	UDF14	
13	SC	HIGH CAPACITY UNBUNDLED LOCAL LOOP	Stand Alone - DS3 Unbundled Local Loop - per mile	UE3	1L5ND	
13	SC	HIGH CAPACITY UNBUNDLED LOCAL LOOP	Stand Alone - DS3 Unbundled Local Loop - Facility Termination	UE3	UE3PX	
13	SC	HIGH CAPACITY UNBUNDLED LOCAL LOOP	Stand Alone - DS3 Unbundled Local Loop - Facility Termination [DISCONNECT]	UE3	UE3PX	
13	SC	ENHANCED EXTENDED LINK (EELs)	4-Wire Analog Voice Grade Loop in Combination - Zone 1	UNCVX	UEAL4	1
13	SC	ENHANCED EXTENDED LINK (EELs)	4-Wire Analog Voice Grade Loop in Combination - Zone 1 [DISCONNECT]	UNCVX	UEAL4	1
13	SC	ENHANCED EXTENDED LINK (EELs)	4-Wire Analog Voice Grade Loop in Combination - Zone 2	UNCVX	UEAL4	2
13	SC	ENHANCED EXTENDED LINK (EELs)	4-Wire Analog Voice Grade Loop in Combination - Zone 2 [DISCONNECT]	UNCVX	UEAL4	2
13	SC	ENHANCED EXTENDED LINK (EELs)	4-Wire Analog Voice Grade Loop in Combination - Zone 3	UNCVX	UEAL4	3
13	SC	ENHANCED EXTENDED LINK (EELs)	4-Wire Analog Voice Grade Loop in Combination - Zone 3 [DISCONNECT]	UNCVX	UEAL4	3
13	SC	ENHANCED EXTENDED LINK (EELs)	4-Wire DS1 Digital Loop in Combination - Zone 1	UNC1X	USLXX	1

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	SC	ENHANCED EXTENDED LINK (EELs)	4-Wire DS1 Digital Loop in Combination - Zone 1 [DISCONNECT]	UNC1X	USLXX	1
13	SC	ENHANCED EXTENDED LINK (EELs)	4-Wire DS1 Digital Loop in Combination - Zone 2	UNC1X	USLXX	2
13	SC	ENHANCED EXTENDED LINK (EELs)	4-Wire DS1 Digital Loop in Combination - Zone 2 [DISCONNECT]	UNC1X	USLXX	2
13	SC	ENHANCED EXTENDED LINK (EELs)	4-Wire DS1 Digital Loop in Combination - Zone 3	UNC1X	USLXX	3
13	SC	ENHANCED EXTENDED LINK (EELs)	4-Wire DS1 Digital Loop in Combination - Zone 3 [DISCONNECT]	UNC1X	USLXX	3
13	SC	ENHANCED EXTENDED LINK (EELs)	DS3 Local Loop in combination - per mile	UNC3X	1L5ND	
13	SC	ENHANCED EXTENDED LINK (EELs)	DS3 Local Loop in combination - Facility Termination	UNC3X	UE3PX	
13	SC	ENHANCED EXTENDED LINK (EELs)	DS3 Local Loop in combination - Facility Termination [DISCONNECT]	UNC3X	UE3PX	
13	SC	ENHANCED EXTENDED LINK (EELs)	Interoffice Channel in combination - DS1 - per mile	UNC1X	1L5XX	
13	SC	ENHANCED EXTENDED LINK (EELs)	Interoffice Channel in combination - DS1 Facility Termination	UNC1X	U1TF1	
13	SC	ENHANCED EXTENDED LINK (EELs)	Interoffice Channel in combination - DS1 Facility Termination [DISCONNECT]	UNC1X	U1TF1	
13	SC	ENHANCED EXTENDED LINK (EELs)	Interoffice Channel in combination - DS3 - per mile	UNC3X	1L5XX	
13	SC	ENHANCED EXTENDED LINK (EELs)	Interoffice Channel in combination - DS3 - Facility Termination	UNC3X	U1TF3	
13	SC	ENHANCED EXTENDED LINK (EELs)	Interoffice Channel in combination - DS3 - Facility Termination [DISCONNECT]	UNC3X	U1TF3	
13	SC	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: Clear Channel Capability Extended Frame Option - per DS1	U1TD1, UNC1X	CCOEF	
13	SC	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: Clear Channel Capability Super FrameOption - per DS1	U1TD1, UNC1X	CCOSF	
13	SC	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: Clear Channel Capability (SF/ESF) Option - Subsequent Activity - per DS1	U1TD1, UNC1X, USL	NRCCC	
13	SC	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: Clear Channel Capability (SF/ESF) Option - Subsequent Activity - per DS1 [DISCONNECT]	U1TD1, UNC1X, USL	NRCCC	
13	SC	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: C-bit Parity Option - Subsequent Activity - per DS3	U1TD3, UE3, UNC3X	NRCC3	
13	SC	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: C-bit Parity Option - Subsequent Activity - per DS3 [DISCONNECT]	U1TD3, UE3, UNC3X	NRCC3	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	SC	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: DS1/DS0 Channel System	UNC1X	MQ1	
13	SC	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: DS1/DS0 Channel System [DISCONNECT]	UNC1X	MQ1	
13	SC	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: DS3/DS1Channel System	UNC3X	MQ3	
13	SC	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: DS3/DS1Channel System [DISCONNECT]	UNC3X	MQ3	
13	SC	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: Voice Grade COCI in combination	UNCVX	1D1VG	
13	SC	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: Voice Grade COCI - for 2W-SL2 & 4W Voice Grade Local Loop	UEA	1D1VG	
13	SC	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: DS1 COCI in combination	UNC1X	UC1D1	
13	SC	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: DS1 COCI - for Stand Alone Interoffice Channel	U1TD1	UC1D1	
13	SC	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: DS1 COCI - for DS1 Local Loop	USL, NTCD1	UC1D1	
13	SC	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: Wholesale - UNE, Switch-As-Is Conversion Charge	UNCVX, UNC1X, UNC3X, XDH1X, HFQC6, XDD2X, XDV6X	UNCCC	
13	SC	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: Unbundled Misc Rate Element, SNE SAI, Single Network Element - Switch As Is Non-recurring Charge, per circuit (LSR)	U1TVX, U1TD3, UDF, UE3	URES	
13	SC	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: Unbundled Misc Rate Element, SNE SAI, Single Network Element - Switch As Is Non-recurring Charge, incremental charge per circuit on a spreadsheet	U1TVX, U1TD3, UDF, UE3	URESP	
13	SC	ADDITIONAL NETWORK ELEMENTS	Service Rearrangements - NRC - Order Coordination Specific Time - Dedicated Transport	UNC1X, UNC3X	OCOSR	
13	SC	COMMINGLING	Commingling Authorization	UNCVX, UNC1X, UNC3X, U1TD3, UE3, U1TVX	CMGAU	
13	SC	COMMINGLING	Commingling Authorization [DISCONNECT]	UNCVX, UNC1X, UNC3X, U1TD3, UE3, U1TVX	CMGAU	
13	SC	COMMINGLING	Commingled VG COCI	XDV2X	1D1VG	
13	SC	COMMINGLING	Commingled 4-wire Local Loop Zone 1	XDV6X	UEAL4	1
13	SC	COMMINGLING	Commingled 4-wire Local Loop Zone 1 [DISCONNECT]	XDV6X	UEAL4	1
13	SC	COMMINGLING	Commingled 4-wire Local Loop Zone 2	XDV6X	UEAL4	2

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	SC	COMMINGLING	Commingled 4-wire Local Loop Zone 2 [DISCONNECT]	XDV6X	UEAL4	2
13	SC	COMMINGLING	Commingled 4-wire Local Loop Zone 3	XDV6X	UEAL4	3
13	SC	COMMINGLING	Commingled 4-wire Local Loop Zone 3 [DISCONNECT]	XDV6X	UEAL4	3
13	SC	COMMINGLING	Commingled DS1 COCI	XDH1X	UC1D1	
13	SC	COMMINGLING	Commingled DS1 Interoffice Channel	XDH1X	U1TF1	
13	SC	COMMINGLING	Commingled DS1 Interoffice Channel [DISCONNECT]	XDH1X	U1TF1	
13	SC	COMMINGLING	Commingled DS1 Interoffice Channel Mileage	XDH1X	1L5XX	
13	SC	COMMINGLING	Commingled DS1/DS0 Channel System	XDH1X	MQ1	
13	SC	COMMINGLING	Commingled DS1/DS0 Channel System [DISCONNECT]	XDH1X	MQ1	
13	SC	COMMINGLING	Commingled DS1 Local Loop Zone 1	XDH1X	USLXX	1
13	SC	COMMINGLING	Commingled DS1 Local Loop Zone 1 [DISCONNECT]	XDH1X	USLXX	1
13	SC	COMMINGLING	Commingled DS1 Local Loop Zone 2	XDH1X	USLXX	2
13	SC	COMMINGLING	Commingled DS1 Local Loop Zone 2 [DISCONNECT]	XDH1X	USLXX	2
13	SC	COMMINGLING	Commingled DS1 Local Loop Zone 3	XDH1X	USLXX	3
13	SC	COMMINGLING	Commingled DS1 Local Loop Zone 3 [DISCONNECT]	XDH1X	USLXX	3
13	SC	COMMINGLING	Commingled DS3 Local Loop	HFQC6	UE3PX	
13	SC	COMMINGLING	Commingled DS3 Local Loop [DISCONNECT]	HFQC6	UE3PX	
13	SC	COMMINGLING	Commingled DS3-Local Loop Mileage	HFQC6	1L5ND	
13	SC	COMMINGLING	Commingled DS3/DS1 Channel System	HFQC6	MQ3	
13	SC	COMMINGLING	Commingled DS3/DS1 Channel System [DISCONNECT]	HFQC6	MQ3	
13	SC	COMMINGLING	Commingled DS3 Interoffice Channel	HFQC6	U1TF3	
13	SC	COMMINGLING	Commingled DS3 Interoffice Channel [DISCONNECT]	HFQC6	U1TF3	
13	SC	COMMINGLING	Commingled DS3 Interoffice Channel Mileage	HFQC6	1L5XX	
13	SC	COMMINGLING	UNE to Commingled Conversion Tracking	XDH1X, HFQC6	CMGUN	
13	SC	COMMINGLING	UNE to Commingled Conversion Tracking [DISCONNECT]	XDH1X, HFQC6	CMGUN	
13	SC	COMMINGLING	SPA to Commingled Conversion Tracking	XDH1X, HFQC6	CMGSP	
13	SC	COMMINGLING	SPA to Commingled Conversion Tracking [DISCONNECT]	XDH1X, HFQC6	CMGSP	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1-Zone 1	UEANL	UEAL2	1
13	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1-Zone 1 [DISCONNECT] (USOC=UEAL2)	UEANL	SOMAN	1
13	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1-Zone 1 (USOC=UEAL2)	UEANL	SOMAN	1
13	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1-Zone 1 [DISCONNECT]	UEANL	UEAL2	1
13	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1-Zone 2	UEANL	UEAL2	2
13	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1-Zone 2 [DISCONNECT] (USOC=UEAL2)	UEANL	SOMAN	2
13	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1-Zone 2 (USOC=UEAL2)	UEANL	SOMAN	2
13	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1-Zone 2 [DISCONNECT]	UEANL	UEAL2	2
13	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1-Zone 3	UEANL	UEAL2	3
13	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1-Zone 3 [DISCONNECT] (USOC=UEAL2)	UEANL	SOMAN	3
13	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1-Zone 3 (USOC=UEAL2)	UEANL	SOMAN	3
13	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1-Zone 3 [DISCONNECT]	UEANL	UEAL2	3
13	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1-Zone 1	UEANL	UEASL	1
13	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1-Zone 1 [DISCONNECT] (USOC=UEASL)	UEANL	SOMAN	1
13	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1-Zone 1 (USOC=UEASL)	UEANL	SOMAN	1
13	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1-Zone 1 [DISCONNECT]	UEANL	UEASL	1
13	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1-Zone 2	UEANL	UEASL	2
13	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1-Zone 2 [DISCONNECT] (USOC=UEASL)	UEANL	SOMAN	2

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1-Zone 2 (USOC=UEASL)	UEANL	SOMAN	2
13	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1-Zone 2 [DISCONNECT]	UEANL	UEASL	2
13	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1-Zone 3	UEANL	UEASL	3
13	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1-Zone 3 [DISCONNECT] (USOC=UEASL)	UEANL	SOMAN	3
13	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1-Zone 3 (USOC=UEASL)	UEANL	SOMAN	3
13	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1-Zone 3 [DISCONNECT]	UEANL	UEASL	3
13	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Manual Order Coordination for UVL-SL1s (per loop)	UEANL	UEAMC	
13	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Order Coordination for Specified Conversion Time for UVL-SL1 (per LSR)	UEANL	OCOSL	
13	TN	UNBUNDLED EXCHANGE ACCESS LOOP	Bulk Migration, per 2 Wire Voice Loop-SL1	UEANL	UREPN	
13	TN	UNBUNDLED EXCHANGE ACCESS LOOP	Bulk Migration, per 2 Wire Voice Loop-SL1 [DISCONNECT]	UEANL	UREPN	
13	TN	UNBUNDLED EXCHANGE ACCESS LOOP	Bulk Migration Order Coordination, per 2 Wire Voice Loop-SL1	UEANL	UREPM	
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Unbundled Copper Loop - Non-Designed Zone 1	UEQ	UEQ2X	1
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Unbundled Copper Loop - Non-Designed Zone 1 [DISCONNECT] (USOC=UEQ2X)	UEQ	SOMAN	1
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Unbundled Copper Loop - Non-Designed Zone 1 (USOC=UEQ2X)	UEQ	SOMAN	1
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Unbundled Copper Loop - Non-Designed Zone 1 [DISCONNECT]	UEQ	UEQ2X	1
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop - Non-Designed - Zone 2	UEQ	UEQ2X	2
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop - Non-Designed - Zone 2 [DISCONNECT] (USOC=UEQ2X)	UEQ	SOMAN	2
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop - Non-Designed - Zone 2 (USOC=UEQ2X)	UEQ	SOMAN	2
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop - Non-Designed - Zone 2 [DISCONNECT]	UEQ	UEQ2X	2

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop - Non-Designed - Zone 3	UEQ	UEQ2X	3
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop - Non-Designed - Zone 3 [DISCONNECT] (USOC=UEQ2X)	UEQ	SOMAN	3
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop - Non-Designed - Zone 3 (USOC=UEQ2X)	UEQ	SOMAN	3
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop - Non-Designed - Zone 3 [DISCONNECT]	UEQ	UEQ2X	3
14R-CU	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop - Tag Loop at End User Premise	UEQ	URETL	
14R-CU	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop - Loop Testing - Basic 1st Half Hour	UEQ	URET1	
14R-CU	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop - Loop Testing - Basic Additional Half Hour	UEQ	URETA	
15	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop - Manual Order Coordination 2 Wire Unbundled Copper Loop - Non-Designed (per loop)	UEQ	USBMC	
15	TN	UNBUNDLED EXCHANGE ACCESS LOOP	Bulk Migration, per 2 Wire UCL-ND	UEQ	UREPN	
15	TN	UNBUNDLED EXCHANGE ACCESS LOOP	Bulk Migration, per 2 Wire UCL-ND [DISCONNECT]	UEQ	UREPN	
15	TN	UNBUNDLED EXCHANGE ACCESS LOOP	Bulk Migration Order Coordination, per 2 Wire UCL-ND	UEQ	UREPM	
13	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Single LSR, (per DS0)	UEA	URES�	
13	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Single LSR, (per DS0) [DISCONNECT] (USOC=URES�)	UEA	SOMAN	
13	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Single LSR, (per DS0) (USOC=URES�)	UEA	SOMAN	
13	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Spreadsheet, (per DS0)	UEA	URESP	
15	TN	UNBUNDLED EXCHANGE ACCESS LOOP	Bulk Migration, per 2 Wire Voice Loop-SL2	UEA	UREPN	
15	TN	UNBUNDLED EXCHANGE ACCESS LOOP	Bulk Migration Order Coordination, per 2 Wire Voice Loop-SL2	UEA	UREPM	
13	TN	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Voice Grade Loop - Zone 1	UEA	UEAL4	1
13	TN	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Voice Grade Loop - Zone 1 [DISCONNECT] (USOC=UEAL4)	UEA	SOMAN	1

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	TN	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Voice Grade Loop - Zone 1 (USOC=UEAL4)	UEA	SOMAN	1
13	TN	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Voice Grade Loop - Zone 1 [DISCONNECT]	UEA	UEAL4	1
13	TN	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Voice Grade Loop - Zone 2	UEA	UEAL4	2
13	TN	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Voice Grade Loop - Zone 2 [DISCONNECT] (USOC=UEAL4)	UEA	SOMAN	2
13	TN	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Voice Grade Loop - Zone 2 (USOC=UEAL4)	UEA	SOMAN	2
13	TN	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Voice Grade Loop - Zone 2 [DISCONNECT]	UEA	UEAL4	2
13	TN	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Voice Grade Loop - Zone 3	UEA	UEAL4	3
13	TN	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Voice Grade Loop - Zone 3 [DISCONNECT] (USOC=UEAL4)	UEA	SOMAN	3
13	TN	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Voice Grade Loop - Zone 3 (USOC=UEAL4)	UEA	SOMAN	3
13	TN	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Voice Grade Loop - Zone 3 [DISCONNECT]	UEA	UEAL4	3
13	TN	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Single LSR, (per DS0)	UEA	URES	
13	TN	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Single LSR, (per DS0) [DISCONNECT] (USOC=URES)	UEA	SOMAN	
13	TN	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Single LSR, (per DS0) (USOC=URES)	UEA	SOMAN	
13	TN	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Spreadsheet, (per DS0)	UEA	URESP	
13	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire ISDN Digital Grade Loop - Zone 1	UDN	U1L2X	1
13	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire ISDN Digital Grade Loop - Zone 1 [DISCONNECT] (USOC=U1L2X)	UDN	SOMAN	1
13	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire ISDN Digital Grade Loop - Zone 1 (USOC=U1L2X)	UDN	SOMAN	1
13	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire ISDN Digital Grade Loop - Zone 1 [DISCONNECT]	UDN	U1L2X	1
13	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire ISDN Digital Grade Loop - Zone 2	UDN	U1L2X	2

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire ISDN Digital Grade Loop - Zone 2 [DISCONNECT] (USOC=U1L2X)	UDN	SOMAN	2
13	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire ISDN Digital Grade Loop - Zone 2 (USOC=U1L2X)	UDN	SOMAN	2
13	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire ISDN Digital Grade Loop - Zone 2 [DISCONNECT]	UDN	U1L2X	2
13	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire ISDN Digital Grade Loop - Zone 3	UDN	U1L2X	3
13	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire ISDN Digital Grade Loop - Zone 3 [DISCONNECT] (USOC=U1L2X)	UDN	SOMAN	3
13	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire ISDN Digital Grade Loop - Zone 3 (USOC=U1L2X)	UDN	SOMAN	3
13	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire ISDN Digital Grade Loop - Zone 3 [DISCONNECT]	UDN	U1L2X	3
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled ADSL Loop including manual service inquiry & facility reservation - Zone 1	UAL	UAL2X	1
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled ADSL Loop including manual service inquiry & facility reservation - Zone 1 [DISCONNECT] (USOC=UAL2X)	UAL	SOMAN	1
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled ADSL Loop including manual service inquiry & facility reservation - Zone 1 (USOC=UAL2X)	UAL	SOMAN	1
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled ADSL Loop including manual service inquiry & facility reservation - Zone 1 [DISCONNECT]	UAL	UAL2X	1
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled ADSL Loop including manual service inquiry & facility reservation - Zone 2	UAL	UAL2X	2
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled ADSL Loop including manual service inquiry & facility reservation - Zone 2 [DISCONNECT] (USOC=UAL2X)	UAL	SOMAN	2
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled ADSL Loop including manual service inquiry & facility reservation - Zone 2 (USOC=UAL2X)	UAL	SOMAN	2
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled ADSL Loop including manual service inquiry & facility reservation - Zone 2 [DISCONNECT]	UAL	UAL2X	2
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled ADSL Loop including manual service inquiry & facility reservation - Zone 3	UAL	UAL2X	3
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled ADSL Loop including manual service inquiry & facility reservation - Zone 3 [DISCONNECT] (USOC=UAL2X)	UAL	SOMAN	3

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled ADSL Loop including manual service inquiry & facility reservation - Zone 3 (USOC=UAL2X)	UAL	SOMAN	3
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled ADSL Loop including manual service inquiry & facility reservation - Zone 3 [DISCONNECT]	UAL	UAL2X	3
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled ADSL Loop without manual service inquiry & facility reservaton - Zone 1	UAL	UAL2W	1
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled ADSL Loop without manual service inquiry & facility reservaton - Zone 1 [DISCONNECT] (USOC=UAL2W)	UAL	SOMAN	1
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled ADSL Loop without manual service inquiry & facility reservaton - Zone 1 (USOC=UAL2W)	UAL	SOMAN	1
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled ADSL Loop without manual service inquiry & facility reservaton - Zone 1 [DISCONNECT]	UAL	UAL2W	1
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled ADSL Loop without manual service inquiry & facility reservaton - Zone 2	UAL	UAL2W	2
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled ADSL Loop without manual service inquiry & facility reservaton - Zone 2 [DISCONNECT] (USOC=UAL2W)	UAL	SOMAN	2
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled ADSL Loop without manual service inquiry & facility reservaton - Zone 2 (USOC=UAL2W)	UAL	SOMAN	2
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled ADSL Loop without manual service inquiry & facility reservaton - Zone 2 [DISCONNECT]	UAL	UAL2W	2
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled ADSL Loop without manual service inquiry & facility reservaton - Zone 3	UAL	UAL2W	3
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled ADSL Loop without manual service inquiry & facility reservaton - Zone 3 [DISCONNECT] (USOC=UAL2W)	UAL	SOMAN	3
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled ADSL Loop without manual service inquiry & facility reservaton - Zone 3 (USOC=UAL2W)	UAL	SOMAN	3
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled ADSL Loop without manual service inquiry & facility reservaton - Zone 3 [DISCONNECT]	UAL	UAL2W	3
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled HDSL Loop including manual service inquiry & facility reservation - Zone 1	UHL	UHL2X	1
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled HDSL Loop including manual service inquiry & facility reservation - Zone 1 [DISCONNECT] (USOC=UHL2X)	UHL	SOMAN	1

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled HDSL Loop including manual service inquiry & facility reservation - Zone 1 (USOC=UHL2X)	UHL	SOMAN	1
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled HDSL Loop including manual service inquiry & facility reservation - Zone 1 [DISCONNECT]	UHL	UHL2X	1
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled HDSL Loop including manual service inquiry & facility reservation - Zone 2	UHL	UHL2X	2
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled HDSL Loop including manual service inquiry & facility reservation - Zone 2 [DISCONNECT] (USOC=UHL2X)	UHL	SOMAN	2
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled HDSL Loop including manual service inquiry & facility reservation - Zone 2 (USOC=UHL2X)	UHL	SOMAN	2
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled HDSL Loop including manual service inquiry & facility reservation - Zone 2 [DISCONNECT]	UHL	UHL2X	2
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled HDSL Loop including manual service inquiry & facility reservation - Zone 3	UHL	UHL2X	3
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled HDSL Loop including manual service inquiry & facility reservation - Zone 3 [DISCONNECT] (USOC=UHL2X)	UHL	SOMAN	3
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled HDSL Loop including manual service inquiry & facility reservation - Zone 3 (USOC=UHL2X)	UHL	SOMAN	3
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled HDSL Loop including manual service inquiry & facility reservation - Zone 3 [DISCONNECT]	UHL	UHL2X	3
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled HDSL Loop without manual service inquiry and facility reservation - Zone 1	UHL	UHL2W	1
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled HDSL Loop without manual service inquiry and facility reservation - Zone 1 [DISCONNECT] (USOC=UHL2W)	UHL	SOMAN	1
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled HDSL Loop without manual service inquiry and facility reservation - Zone 1 (USOC=UHL2W)	UHL	SOMAN	1
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled HDSL Loop without manual service inquiry and facility reservation - Zone 1 [DISCONNECT]	UHL	UHL2W	1
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled HDSL Loop without manual service inquiry and facility reservation - Zone 2	UHL	UHL2W	2
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled HDSL Loop without manual service inquiry and facility reservation - Zone 2 [DISCONNECT] (USOC=UHL2W)	UHL	SOMAN	2

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled HDSL Loop without manual service inquiry and facility reservation - Zone 2 (USOC=UHL2W)	UHL	SOMAN	2
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled HDSL Loop without manual service inquiry and facility reservation - Zone 2 [DISCONNECT]	UHL	UHL2W	2
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled HDSL Loop without manual service inquiry and facility reservation - Zone 3	UHL	UHL2W	3
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled HDSL Loop without manual service inquiry and facility reservation - Zone 3 [DISCONNECT] (USOC=UHL2W)	UHL	SOMAN	3
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled HDSL Loop without manual service inquiry and facility reservation - Zone 3 (USOC=UHL2W)	UHL	SOMAN	3
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled HDSL Loop without manual service inquiry and facility reservation - Zone 3 [DISCONNECT]	UHL	UHL2W	3
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	4 Wire Unbundled HDSL Loop including manual service inquiry and facility reservation - Zone 1	UHL	UHL4X	1
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	4 Wire Unbundled HDSL Loop including manual service inquiry and facility reservation - Zone 1 [DISCONNECT] (USOC=UHL4X)	UHL	SOMAN	1
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	4 Wire Unbundled HDSL Loop including manual service inquiry and facility reservation - Zone 1 (USOC=UHL4X)	UHL	SOMAN	1
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	4 Wire Unbundled HDSL Loop including manual service inquiry and facility reservation - Zone 1 [DISCONNECT]	UHL	UHL4X	1
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Unbundled HDSL Loop including manual service inquiry and facility reservation - Zone 2	UHL	UHL4X	2
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Unbundled HDSL Loop including manual service inquiry and facility reservation - Zone 2 [DISCONNECT] (USOC=UHL4X)	UHL	SOMAN	2
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Unbundled HDSL Loop including manual service inquiry and facility reservation - Zone 2 (USOC=UHL4X)	UHL	SOMAN	2
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Unbundled HDSL Loop including manual service inquiry and facility reservation - Zone 2 [DISCONNECT]	UHL	UHL4X	2
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Unbundled HDSL Loop including manual service inquiry and facility reservation - Zone 3	UHL	UHL4X	3

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Unbundled HDSL Loop including manual service inquiry and facility reservation - Zone 3 [DISCONNECT] (USOC=UHL4X)	UHL	SOMAN	3
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Unbundled HDSL Loop including manual service inquiry and facility reservation - Zone 3 (USOC=UHL4X)	UHL	SOMAN	3
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Unbundled HDSL Loop including manual service inquiry and facility reservation - Zone 3 [DISCONNECT]	UHL	UHL4X	3
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Unbundled HDSL Loop without manual service inquiry and facility reservation - Zone 1	UHL	UHL4W	1
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Unbundled HDSL Loop without manual service inquiry and facility reservation - Zone 1 [DISCONNECT] (USOC=UHL4W)	UHL	SOMAN	1
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Unbundled HDSL Loop without manual service inquiry and facility reservation - Zone 1 (USOC=UHL4W)	UHL	SOMAN	1
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Unbundled HDSL Loop without manual service inquiry and facility reservation - Zone 1 [DISCONNECT]	UHL	UHL4W	1
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Unbundled HDSL Loop without manual service inquiry and facility reservation - Zone 2	UHL	UHL4W	2
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Unbundled HDSL Loop without manual service inquiry and facility reservation - Zone 2 [DISCONNECT] (USOC=UHL4W)	UHL	SOMAN	2
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Unbundled HDSL Loop without manual service inquiry and facility reservation - Zone 2 (USOC=UHL4W)	UHL	SOMAN	2
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Unbundled HDSL Loop without manual service inquiry and facility reservation - Zone 2 [DISCONNECT]	UHL	UHL4W	2
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Unbundled HDSL Loop without manual service inquiry and facility reservation - Zone 3	UHL	UHL4W	3
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Unbundled HDSL Loop without manual service inquiry and facility reservation - Zone 3 [DISCONNECT] (USOC=UHL4W)	UHL	SOMAN	3
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Unbundled HDSL Loop without manual service inquiry and facility reservation - Zone 3 (USOC=UHL4W)	UHL	SOMAN	3

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Unbundled HDSL Loop without manual service inquiry and facility reservation - Zone 3 [DISCONNECT]	UHL	UHL4W	3
13	TN	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire DS1 Digital Loop - Zone 1	USL	USLXX	1
13	TN	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire DS1 Digital Loop - Zone 1 [DISCONNECT] (USOC=USLXX)	USL	SOMAN	1
13	TN	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire DS1 Digital Loop - Zone 1 (USOC=USLXX)	USL	SOMAN	1
13	TN	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire DS1 Digital Loop - Zone 1 [DISCONNECT]	USL	USLXX	1
13	TN	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire DS1 Digital Loop - Zone 2	USL	USLXX	2
13	TN	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire DS1 Digital Loop - Zone 2 [DISCONNECT] (USOC=USLXX)	USL	SOMAN	2
13	TN	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire DS1 Digital Loop - Zone 2 (USOC=USLXX)	USL	SOMAN	2
13	TN	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire DS1 Digital Loop - Zone 2 [DISCONNECT]	USL	USLXX	2
13	TN	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire DS1 Digital Loop - Zone 3	USL	USLXX	3
13	TN	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire DS1 Digital Loop - Zone 3 [DISCONNECT] (USOC=USLXX)	USL	SOMAN	3
13	TN	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire DS1 Digital Loop - Zone 3 (USOC=USLXX)	USL	SOMAN	3
13	TN	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire DS1 Digital Loop - Zone 3 [DISCONNECT]	USL	USLXX	3
13	TN	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire DS1 Digital Loop - Switch-As-Is Conversion rate per UNE Loop, Single LSR, (per DS1)	USL	URES	
13	TN	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire DS1 Digital Loop - Switch-As-Is Conversion rate per UNE Loop, Spreadsheet, (per DS1)	USL	URESP	
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Unbundled Copper Loop-Designed including manual service inquiry & facility reservation - Zone 1	UCL	UCLPB	1
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Unbundled Copper Loop-Designed including manual service inquiry & facility reservation - Zone 1 [DISCONNECT] (USOC=UCLPB)	UCL	SOMAN	1
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Unbundled Copper Loop-Designed including manual service inquiry & facility reservation - Zone 1 (USOC=UCLPB)	UCL	SOMAN	1
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Unbundled Copper Loop-Designed including manual service inquiry & facility reservation - Zone 1 [DISCONNECT]	UCL	UCLPB	1
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Unbundled Copper Loop-Designed including manual service inquiry & facility reservation - Zone 2	UCL	UCLPB	2
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Unbundled Copper Loop-Designed including manual service inquiry & facility reservation - Zone 2 [DISCONNECT] (USOC=UCLPB)	UCL	SOMAN	2

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Unbundled Copper Loop-Designed including manual service inquiry & facility reservation - Zone 2 (USOC=UCLPB)	UCL	SOMAN	2
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Unbundled Copper Loop-Designed including manual service inquiry & facility reservation - Zone 2 [DISCONNECT]	UCL	UCLPB	2
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop-Designed including manual service inquiry & facility reservation - Zone 3	UCL	UCLPB	3
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop-Designed including manual service inquiry & facility reservation - Zone 3 [DISCONNECT] (USOC=UCLPB)	UCL	SOMAN	3
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop-Designed including manual service inquiry & facility reservation - Zone 3 (USOC=UCLPB)	UCL	SOMAN	3
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop-Designed including manual service inquiry & facility reservation - Zone 3 [DISCONNECT]	UCL	UCLPB	3
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Unbundled Copper Loop-Designed without manual service inquiry and facility reservation - Zone 1	UCL	UCLPW	1
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Unbundled Copper Loop-Designed without manual service inquiry and facility reservation - Zone 1 [DISCONNECT] (USOC=UCLPW)	UCL	SOMAN	1
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Unbundled Copper Loop-Designed without manual service inquiry and facility reservation - Zone 1 (USOC=UCLPW)	UCL	SOMAN	1
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Unbundled Copper Loop-Designed without manual service inquiry and facility reservation - Zone 1 [DISCONNECT]	UCL	UCLPW	1
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Unbundled Copper Loop-Designed without manual service inquiry and facility reservation - Zone 2	UCL	UCLPW	2
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Unbundled Copper Loop-Designed without manual service inquiry and facility reservation - Zone 2 [DISCONNECT] (USOC=UCLPW)	UCL	SOMAN	2
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Unbundled Copper Loop-Designed without manual service inquiry and facility reservation - Zone 2 (USOC=UCLPW)	UCL	SOMAN	2

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Unbundled Copper Loop-Designed without manual service inquiry and facility reservation - Zone 2 [DISCONNECT]	UCL	UCLPW	2
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Unbundled Copper Loop-Designed without manual service inquiry and facility reservation - Zone 3	UCL	UCLPW	3
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Unbundled Copper Loop-Designed without manual service inquiry and facility reservation - Zone 3 [DISCONNECT] (USOC=UCLPW)	UCL	SOMAN	3
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Unbundled Copper Loop-Designed without manual service inquiry and facility reservation - Zone 3 (USOC=UCLPW)	UCL	SOMAN	3
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Unbundled Copper Loop-Designed without manual service inquiry and facility reservation - Zone 3 [DISCONNECT]	UCL	UCLPW	3
15	TN	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Unbundled Copper Loop - Order Coordination for Unbundled Copper Loops (per loop)	UCL	UCLMC	
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Copper Loop-Designed including manual service inquiry and facility reservation - Zone 1	UCL	UCL4S	1
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Copper Loop-Designed including manual service inquiry and facility reservation - Zone 1 [DISCONNECT] (USOC=UCL4S)	UCL	SOMAN	1
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Copper Loop-Designed including manual service inquiry and facility reservation - Zone 1 (USOC=UCL4S)	UCL	SOMAN	1
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Copper Loop-Designed including manual service inquiry and facility reservation - Zone 1 [DISCONNECT]	UCL	UCL4S	1
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Copper Loop-Designed including manual service inquiry and facility reservation - Zone 2	UCL	UCL4S	2
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Copper Loop-Designed including manual service inquiry and facility reservation - Zone 2 [DISCONNECT] (USOC=UCL4S)	UCL	SOMAN	2
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Copper Loop-Designed including manual service inquiry and facility reservation - Zone 2 (USOC=UCL4S)	UCL	SOMAN	2
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Copper Loop-Designed including manual service inquiry and facility reservation - Zone 2 [DISCONNECT]	UCL	UCL4S	2

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Copper Loop-Designed including manual service inquiry and facility reservation - Zone 3	UCL	UCL4S	3
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Copper Loop-Designed including manual service inquiry and facility reservation - Zone 3 [DISCONNECT] (USOC=UCL4S)	UCL	SOMAN	3
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Copper Loop-Designed including manual service inquiry and facility reservation - Zone 3 (USOC=UCL4S)	UCL	SOMAN	3
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Copper Loop-Designed including manual service inquiry and facility reservation - Zone 3 [DISCONNECT]	UCL	UCL4S	3
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Copper Loop-Designed without manual service inquiry and facility reservation - Zone 1	UCL	UCL4W	1
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Copper Loop-Designed without manual service inquiry and facility reservation - Zone 1 [DISCONNECT] (USOC=UCL4W)	UCL	SOMAN	1
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Copper Loop-Designed without manual service inquiry and facility reservation - Zone 1 (USOC=UCL4W)	UCL	SOMAN	1
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Copper Loop-Designed without manual service inquiry and facility reservation - Zone 1 [DISCONNECT]	UCL	UCL4W	1
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Copper Loop-Designed without manual service inquiry and facility reservation - Zone 2	UCL	UCL4W	2
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Copper Loop-Designed without manual service inquiry and facility reservation - Zone 2 [DISCONNECT] (USOC=UCL4W)	UCL	SOMAN	2
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Copper Loop-Designed without manual service inquiry and facility reservation - Zone 2 (USOC=UCL4W)	UCL	SOMAN	2
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Copper Loop-Designed without manual service inquiry and facility reservation - Zone 2 [DISCONNECT]	UCL	UCL4W	2
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Copper Loop-Designed without manual service inquiry and facility reservation - Zone 3	UCL	UCL4W	3
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Copper Loop-Designed without manual service inquiry and facility reservation - Zone 3 [DISCONNECT] (USOC=UCL4W)	UCL	SOMAN	3

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Copper Loop-Designed without manual service inquiry and facility reservation - Zone 3 (USOC=UCL4W)	UCL	SOMAN	3
14	TN	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Copper Loop-Designed without manual service inquiry and facility reservation - Zone 3 [DISCONNECT]	UCL	UCL4W	3
15	TN	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Copper Loop - Order Coordination for Unbundled Copper Loops (per loop)	UCL	UCLMC	
15	TN	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Copper Loop - Order Coordination for Specified Conversion Time (per LSR)	UEA, UDN, UAL, UHL, UDL, USL	OCOSL	
13	TN	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Loop or Ground Start Signaling - Zone 1	NTCVG	UEAL2	1
13	TN	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Loop or Ground Start Signaling - Zone 1 [DISCONNECT]	NTCVG	UEAL2	1
13	TN	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Loop or Ground Start Signaling - Zone 2	NTCVG	UEAL2	2
13	TN	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Loop or Ground Start Signaling - Zone 2 [DISCONNECT]	NTCVG	UEAL2	2
13	TN	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Loop or Ground Start Signaling - Zone 3	NTCVG	UEAL2	3
13	TN	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Loop or Ground Start Signaling - Zone 3 [DISCONNECT]	NTCVG	UEAL2	3
13	TN	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Reverse Battery Signaling - Zone 1	NTCVG	UEAR2	1
13	TN	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Reverse Battery Signaling - Zone 1 [DISCONNECT]	NTCVG	UEAR2	1
13	TN	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Reverse Battery Signaling - Zone 2	NTCVG	UEAR2	2
13	TN	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Reverse Battery Signaling - Zone 2 [DISCONNECT]	NTCVG	UEAR2	2
13	TN	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Reverse Battery Signaling - Zone 3	NTCVG	UEAR2	3
13	TN	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Reverse Battery Signaling - Zone 3 [DISCONNECT]	NTCVG	UEAR2	3

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	TN	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Single LSR, (per DS0)	NTCVG	URES	
13	TN	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Spreadsheet, (per DS0)	NTCVG	URESP	
13	TN	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Loop Tagging - Service Level 2 (SL2)	NTCVG	URETL	
13	TN	UNE LOOP COMMINGLING	4-Wire Analog Voice Grade Loop - Zone 1	NTCVG	UEAL4	1
13	TN	UNE LOOP COMMINGLING	4-Wire Analog Voice Grade Loop - Zone 1 [DISCONNECT]	NTCVG	UEAL4	1
13	TN	UNE LOOP COMMINGLING	4-Wire Analog Voice Grade Loop - Zone 2	NTCVG	UEAL4	2
13	TN	UNE LOOP COMMINGLING	4-Wire Analog Voice Grade Loop - Zone 2 [DISCONNECT]	NTCVG	UEAL4	2
13	TN	UNE LOOP COMMINGLING	4-Wire Analog Voice Grade Loop - Zone 3	NTCVG	UEAL4	3
13	TN	UNE LOOP COMMINGLING	4-Wire Analog Voice Grade Loop - Zone 3 [DISCONNECT]	NTCVG	UEAL4	3
13	TN	UNE LOOP COMMINGLING	4-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Single LSR, (per DS0)	NTCVG	URES	
13	TN	UNE LOOP COMMINGLING	4-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Spreadsheet, (per DS0)	NTCVG	URESP	
13	TN	UNE LOOP COMMINGLING	4-Wire DS1 Digital Loop - Zone 1	NTCD1	USLXX	1
13	TN	UNE LOOP COMMINGLING	4-Wire DS1 Digital Loop - Zone 1 [DISCONNECT]	NTCD1	USLXX	1
13	TN	UNE LOOP COMMINGLING	4-Wire DS1 Digital Loop - Zone 2	NTCD1	USLXX	2
13	TN	UNE LOOP COMMINGLING	4-Wire DS1 Digital Loop - Zone 2 [DISCONNECT]	NTCD1	USLXX	2
13	TN	UNE LOOP COMMINGLING	4-Wire DS1 Digital Loop - Zone 3	NTCD1	USLXX	3
13	TN	UNE LOOP COMMINGLING	4-Wire DS1 Digital Loop - Zone 3 [DISCONNECT]	NTCD1	USLXX	3
13	TN	UNE LOOP COMMINGLING	4-Wire DS1 Digital Loop - Switch-As-Is Conversion rate per UNE Loop, Single LSR, (per DS1)	NTCD1	URES	
13	TN	UNE LOOP COMMINGLING	4-Wire DS1 Digital Loop - Switch-As-Is Conversion rate per UNE Loop, Spreadsheet, (per DS1)	NTCD1	URESP	
13	TN	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 2.4 Kbps - Zone 1	NTCUD	UDL2X	1
13	TN	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 2.4 Kbps - Zone 1 [DISCONNECT]	NTCUD	UDL2X	1
13	TN	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 2.4 Kbps - Zone 2	NTCUD	UDL2X	2
13	TN	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 2.4 Kbps - Zone 2 [DISCONNECT]	NTCUD	UDL2X	2

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	TN	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 2.4 Kbps - Zone3	NTCUD	UDL2X	3
13	TN	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 2.4 Kbps - Zone3 [DISCONNECT]	NTCUD	UDL2X	3
13	TN	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 4.8 Kbps - Zone 1	NTCUD	UDL4X	1
13	TN	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 4.8 Kbps - Zone 1 [DISCONNECT]	NTCUD	UDL4X	1
13	TN	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 4.8 Kbps - Zone 2	NTCUD	UDL4X	2
13	TN	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 4.8 Kbps - Zone 2 [DISCONNECT]	NTCUD	UDL4X	2
13	TN	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 4.8 Kbps - Zone 3	NTCUD	UDL4X	3
13	TN	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 4.8 Kbps - Zone 3 [DISCONNECT]	NTCUD	UDL4X	3
13	TN	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 9.6 Kbps - Zone 1	NTCUD	UDL9X	1
13	TN	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 9.6 Kbps - Zone 1 [DISCONNECT]	NTCUD	UDL9X	1
13	TN	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 9.6 Kbps - Zone 2	NTCUD	UDL9X	2
13	TN	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 9.6 Kbps - Zone 2 [DISCONNECT]	NTCUD	UDL9X	2
13	TN	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 9.6 Kbps - Zone 3	NTCUD	UDL9X	3
13	TN	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 9.6 Kbps - Zone 3 [DISCONNECT]	NTCUD	UDL9X	3
13	TN	UNE LOOP COMMINGLING	4 Wire Unbundled Digital 19.2 Kbps - Zone 1	NTCUD	UDL19	1
13	TN	UNE LOOP COMMINGLING	4 Wire Unbundled Digital 19.2 Kbps - Zone 1 [DISCONNECT]	NTCUD	UDL19	1
13	TN	UNE LOOP COMMINGLING	4 Wire Unbundled Digital 19.2 Kbps - Zone 2	NTCUD	UDL19	2
13	TN	UNE LOOP COMMINGLING	4 Wire Unbundled Digital 19.2 Kbps - Zone 2 [DISCONNECT]	NTCUD	UDL19	2
13	TN	UNE LOOP COMMINGLING	4 Wire Unbundled Digital 19.2 Kbps - Zone 3	NTCUD	UDL19	3
13	TN	UNE LOOP COMMINGLING	4 Wire Unbundled Digital 19.2 Kbps - Zone 3 [DISCONNECT]	NTCUD	UDL19	3
13	TN	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 56 Kbps - Zone 1	NTCUD	UDL56	1
13	TN	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 56 Kbps - Zone 1 [DISCONNECT]	NTCUD	UDL56	1
13	TN	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 56 Kbps - Zone 2	NTCUD	UDL56	2
13	TN	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 56 Kbps - Zone 2 [DISCONNECT]	NTCUD	UDL56	2
13	TN	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 56 Kbps - Zone 3	NTCUD	UDL56	3

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	TN	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 56 Kbps - Zone 3 [DISCONNECT]	NTCUD	UDL56	3
13	TN	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 64 Kbps - Zone 1	NTCUD	UDL64	1
13	TN	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 64 Kbps - Zone 1 [DISCONNECT]	NTCUD	UDL64	1
13	TN	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 64 Kbps - Zone 2	NTCUD	UDL64	2
13	TN	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 64 Kbps - Zone 2 [DISCONNECT]	NTCUD	UDL64	2
13	TN	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 64 Kbps - Zone 3	NTCUD	UDL64	3
13	TN	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 64 Kbps - Zone 3 [DISCONNECT]	NTCUD	UDL64	3
13	TN	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 19.2, 56 or 64 Kbps - Switch-As-Is Conversion rate per UNE Loop, Single LSR, (per DS0)	NTCUD	URES	
13	TN	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 19.2, 56 or 64 Kbps - Switch-As-Is Conversion rate per UNE Loop, Spreadsheet, (per DS0)	NTCUD	URESP	
15	TN	UNE LOOP COMMINGLING	4 Wire Unbundled Digital Loop 19.2, 56 or 64 Kbps - Order Coordination for Specified Conversion Time (per LSR)	NTCVG, NTCUD, NTCD1	OCOSL	
13	TN	MAINTENANCE OF SERVICE	Maintenance of Service Charge, Basic Time, per half hour	UDC, UEA, UDL, UDN, USL, UAL, UHL, UCL, NTCVG, NTCUD, NTCD1, U1TD1, U1TD3, U1TDX, U1TS1, U1TVX, UDF, UDFCX, UDLSX, UE3, ULDD1, ULDD3, ULDDX, ULDS1, ULDVX, UNC1X, UNC3X, UNCDX, UNCSX, UNCVX, ULS	MVVB	
13	TN	MAINTENANCE OF SERVICE	Maintenance of Service Charge, Overtime, per half hour	UDC, UEA, UDL, UDN, USL, UAL, UHL, UCL, NTCVG, NTCUD, NTCD1, U1TD1, U1TD3, U1TDX, U1TS1, U1TVX, UDF, UDFCX, UDLSX, UE3, ULDD1, ULDD3, ULDDX, ULDS1, ULDVX, UNC1X, UNC3X, UNCDX, UNCSX, UNCVX, ULS	MVVOT	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	TN	MAINTENANCE OF SERVICE	Maintenance of Service Charge, Premium, per half hour	UDC, UEA, UDL, UDN, USL, UAL, UHL, UCL, NTCVG, NTCUD, NTCDD1, U1TD1, U1TD3, U1TDX, U1TS1, U1TVX, UDF, UDFCX, UDLSX, UE3, ULDD1, ULDD3, ULDDX, ULDS1, ULVDX, UNC1X, UNC3X, UNCDX, UNCSX, UNCVX, ULS	MVVPT	
14	TN	LOOP MODIFICATION	Unbundled Loop Modification, Removal of Load Coils - 2 Wire pair less than or equal to 18k ft, per Unbundled Loop	UAL, UHL, UCL, UEQ, ULS, UEA, UEANL, UEPSR, UEPSB	ULM2L	
14	TN	LOOP MODIFICATION	Unbundled Loop Modification Removal of Load Coils - 4 Wire less than or equal to 18K ft, per Unbundled Loop	UHL, UCL, UEA	ULM4L	
14	TN	LOOP MODIFICATION	Unbundled Loop Modification Removal of Bridged Tap Removal, per unbundled loop	UAL, UHL, UCL, UEQ, ULS, UEA, UEANL, UEPSR, UEPSB	ULMBT	
13MR-SL	TN	SUB-LOOPS	Sub-Loop - Per Cross Box Location - CLEC Feeder Facility Set-Up	UEANL, UEF	USBSA	
13MR-SL	TN	SUB-LOOPS	Sub-Loop - Per Cross Box Location - CLEC Feeder Facility Set-Up [DISCONNECT] (USOC=USBSA)	UEANL, UEF	SOMAN	
13MR-SL	TN	SUB-LOOPS	Sub-Loop - Per Cross Box Location - CLEC Feeder Facility Set-Up (USOC=USBSA)	UEANL, UEF	SOMAN	
13MR-SL	TN	SUB-LOOPS	Sub-Loop - Per Cross Box Location - Per 25 Pair Panel Set-Up	UEANL, UEF	USBSB	
13MR-SL	TN	SUB-LOOPS	Sub-Loop - Per Cross Box Location - Per 25 Pair Panel Set-Up [DISCONNECT] (USOC=USBSB)	UEANL, UEF	SOMAN	
13MR-SL	TN	SUB-LOOPS	Sub-Loop - Per Cross Box Location - Per 25 Pair Panel Set-Up (USOC=USBSB)	UEANL, UEF	SOMAN	
13MR-SL	TN	SUB-LOOPS	Sub-Loop - Per Building Equipment Room - CLEC Feeder Facility Set-Up	UEANL	USBSC	
13MR-SL	TN	SUB-LOOPS	Sub-Loop - Per Building Equipment Room - CLEC Feeder Facility Set-Up [DISCONNECT] (USOC=USBSC)	UEANL	SOMAN	
13MR-SL	TN	SUB-LOOPS	Sub-Loop - Per Building Equipment Room - CLEC Feeder Facility Set-Up (USOC=USBSC)	UEANL	SOMAN	
13MR-SL	TN	SUB-LOOPS	Sub-Loop - Per Building Equipment Room - Per 25 Pair Panel Set-Up	UEANL	USBSD	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13MR-SL	TN	SUB-LOOPS	Sub-Loop - Per Building Equipment Room - Per 25 Pair Panel Set-Up [DISCONNECT] (USOC=USBSD)	UEANL	SOMAN	
13MR-SL	TN	SUB-LOOPS	Sub-Loop - Per Building Equipment Room - Per 25 Pair Panel Set-Up (USOC=USBSD)	UEANL	SOMAN	
13MR-SL	TN	SUB-LOOPS	Sub-Loop Distribution Per 2-Wire Analog Voice Grade Loop - Statewide	UEANL	USBN2	
13MR-SL	TN	SUB-LOOPS	Sub-Loop Distribution Per 2-Wire Analog Voice Grade Loop - Statewide [DISCONNECT] (USOC=USBN2)	UEANL	SOMAN	
13MR-SL	TN	SUB-LOOPS	Sub-Loop Distribution Per 2-Wire Analog Voice Grade Loop - Statewide (USOC=USBN2)	UEANL	SOMAN	
13MR-SL	TN	SUB-LOOPS	Sub-Loop Distribution Per 2-Wire Analog Voice Grade Loop - Statewide [DISCONNECT]	UEANL	USBN2	
13	TN	SUB-LOOPS	Order Coordination for Unbundled Sub-Loops, per sub-loop pair	UEANL	USBMC	
13MR-SL	TN	SUB-LOOPS	Sub-Loop Distribution Per 4-Wire Analog Voice Grade Loop - Zone 1	UEANL	USBN4	1
13MR-SL	TN	SUB-LOOPS	Sub-Loop Distribution Per 4-Wire Analog Voice Grade Loop - Zone 1 [DISCONNECT] (USOC=USBN4)	UEANL	SOMAN	1
13MR-SL	TN	SUB-LOOPS	Sub-Loop Distribution Per 4-Wire Analog Voice Grade Loop - Zone 1 (USOC=USBN4)	UEANL	SOMAN	1
13MR-SL	TN	SUB-LOOPS	Sub-Loop Distribution Per 4-Wire Analog Voice Grade Loop - Zone 1 [DISCONNECT]	UEANL	USBN4	1
13MR-SL	TN	SUB-LOOPS	Sub-Loop Distribution Per 4-Wire Analog Voice Grade Loop - Zone 2	UEANL	USBN4	2
13MR-SL	TN	SUB-LOOPS	Sub-Loop Distribution Per 4-Wire Analog Voice Grade Loop - Zone 2 [DISCONNECT] (USOC=USBN4)	UEANL	SOMAN	2
13MR-SL	TN	SUB-LOOPS	Sub-Loop Distribution Per 4-Wire Analog Voice Grade Loop - Zone 2 (USOC=USBN4)	UEANL	SOMAN	2
13MR-SL	TN	SUB-LOOPS	Sub-Loop Distribution Per 4-Wire Analog Voice Grade Loop - Zone 2 [DISCONNECT]	UEANL	USBN4	2
13MR-SL	TN	SUB-LOOPS	Sub-Loop Distribution Per 4-Wire Analog Voice Grade Loop - Zone 3	UEANL	USBN4	3
13MR-SL	TN	SUB-LOOPS	Sub-Loop Distribution Per 4-Wire Analog Voice Grade Loop - Zone 3 [DISCONNECT] (USOC=USBN4)	UEANL	SOMAN	3
13MR-SL	TN	SUB-LOOPS	Sub-Loop Distribution Per 4-Wire Analog Voice Grade Loop - Zone 3 (USOC=USBN4)	UEANL	SOMAN	3

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13MR-SL	TN	SUB-LOOPS	Sub-Loop Distribution Per 4-Wire Analog Voice Grade Loop - Zone 3 [DISCONNECT]	UEANL	USBN4	3
13MR-SL	TN	SUB-LOOPS	Sub-Loop 2-Wire Intrabuilding Network Cable (INC)	UEANL	USBR2	
13MR-SL	TN	SUB-LOOPS	Sub-Loop 2-Wire Intrabuilding Network Cable (INC) [DISCONNECT] (USOC=USBR2)	UEANL	SOMAN	
13MR-SL	TN	SUB-LOOPS	Sub-Loop 2-Wire Intrabuilding Network Cable (INC) (USOC=USBR2)	UEANL	SOMAN	
13MR-SL	TN	SUB-LOOPS	Sub-Loop 4-Wire Intrabuilding Network Cable (INC)	UEANL	USBR4	
13MR-SL	TN	SUB-LOOPS	Sub-Loop 4-Wire Intrabuilding Network Cable (INC) [DISCONNECT] (USOC=USBR4)	UEANL	SOMAN	
13MR-SL	TN	SUB-LOOPS	Sub-Loop 4-Wire Intrabuilding Network Cable (INC) (USOC=USBR4)	UEANL	SOMAN	
13MR-SL	TN	SUB-LOOPS	Loop Testing - Basic 1st Half Hour	UEANL	URET1	
13MR-SL	TN	SUB-LOOPS	Loop Testing - Basic Additional Half Hour	UEANL	URETA	
13MR-SL	TN	SUB-LOOPS	2 Wire Copper Unbundled Sub-Loop Distribution - Zone 1	UEF	UCS2X	1
13MR-SL	TN	SUB-LOOPS	2 Wire Copper Unbundled Sub-Loop Distribution - Zone 1 [DISCONNECT] (USOC=UCS2X)	UEF	SOMAN	1
13MR-SL	TN	SUB-LOOPS	2 Wire Copper Unbundled Sub-Loop Distribution - Zone 1 (USOC=UCS2X)	UEF	SOMAN	1
13MR-SL	TN	SUB-LOOPS	2 Wire Copper Unbundled Sub-Loop Distribution - Zone 1 [DISCONNECT]	UEF	UCS2X	1
13MR-SL	TN	SUB-LOOPS	2 Wire Copper Unbundled Sub-Loop Distribution - Zone 2	UEF	UCS2X	2
13MR-SL	TN	SUB-LOOPS	2 Wire Copper Unbundled Sub-Loop Distribution - Zone 2 [DISCONNECT] (USOC=UCS2X)	UEF	SOMAN	2
13MR-SL	TN	SUB-LOOPS	2 Wire Copper Unbundled Sub-Loop Distribution - Zone 2 (USOC=UCS2X)	UEF	SOMAN	2
13MR-SL	TN	SUB-LOOPS	2 Wire Copper Unbundled Sub-Loop Distribution - Zone 2 [DISCONNECT]	UEF	UCS2X	2
13MR-SL	TN	SUB-LOOPS	2 Wire Copper Unbundled Sub-Loop Distribution - Zone 3	UEF	UCS2X	3
13MR-SL	TN	SUB-LOOPS	2 Wire Copper Unbundled Sub-Loop Distribution - Zone 3 [DISCONNECT] (USOC=UCS2X)	UEF	SOMAN	3
13MR-SL	TN	SUB-LOOPS	2 Wire Copper Unbundled Sub-Loop Distribution - Zone 3 (USOC=UCS2X)	UEF	SOMAN	3

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13MR-SL	TN	SUB-LOOPS	2 Wire Copper Unbundled Sub-Loop Distribution - Zone 3 [DISCONNECT]	UEF	UCS2X	3
13	TN	SUB-LOOPS	Order Coordination for Unbundled Sub-Loops, per sub-loop pair	UEF	USBMC	
13MR-SL	TN	SUB-LOOPS	4 Wire Copper Unbundled Sub-Loop Distribution - Zone 1	UEF	UCS4X	1
13MR-SL	TN	SUB-LOOPS	4 Wire Copper Unbundled Sub-Loop Distribution - Zone 1 [DISCONNECT] (USOC=UCS4X)	UEF	SOMAN	1
13MR-SL	TN	SUB-LOOPS	4 Wire Copper Unbundled Sub-Loop Distribution - Zone 1 (USOC=UCS4X)	UEF	SOMAN	1
13MR-SL	TN	SUB-LOOPS	4 Wire Copper Unbundled Sub-Loop Distribution - Zone 1 [DISCONNECT]	UEF	UCS4X	1
13MR-SL	TN	SUB-LOOPS	4 Wire Copper Unbundled Sub-Loop Distribution - Zone 2	UEF	UCS4X	2
13MR-SL	TN	SUB-LOOPS	4 Wire Copper Unbundled Sub-Loop Distribution - Zone 2 [DISCONNECT] (USOC=UCS4X)	UEF	SOMAN	2
13MR-SL	TN	SUB-LOOPS	4 Wire Copper Unbundled Sub-Loop Distribution - Zone 2 (USOC=UCS4X)	UEF	SOMAN	2
13MR-SL	TN	SUB-LOOPS	4 Wire Copper Unbundled Sub-Loop Distribution - Zone 2 [DISCONNECT]	UEF	UCS4X	2
13MR-SL	TN	SUB-LOOPS	4 Wire Copper Unbundled Sub-Loop Distribution - Zone 3	UEF	UCS4X	3
13MR-SL	TN	SUB-LOOPS	4 Wire Copper Unbundled Sub-Loop Distribution - Zone 3 [DISCONNECT] (USOC=UCS4X)	UEF	SOMAN	3
13MR-SL	TN	SUB-LOOPS	4 Wire Copper Unbundled Sub-Loop Distribution - Zone 3 (USOC=UCS4X)	UEF	SOMAN	3
13MR-SL	TN	SUB-LOOPS	4 Wire Copper Unbundled Sub-Loop Distribution - Zone 3 [DISCONNECT]	UEF	UCS4X	3
13MR-SL	TN	SUB-LOOPS	Loop Tagging Service Level 1, Unbundled Copper Loop, Non-Designed and Distribution Subloops	UEF, UEANL	URETL	
13MR-SL	TN	SUB-LOOPS	Loop Testing - Basic 1st Half Hour	UEF	URET1	
13MR-SL	TN	SUB-LOOPS	Loop Testing - Basic Additional Half Hour	UEF	URETA	
13	TN	SUB-LOOPS	Unbundled Sub-Loop Modification - 2-W Copper Dist Load Coil/Equip Removal per 2-W PR	UEF	ULM2X	
13	TN	SUB-LOOPS	Unbundled Sub-loop Modification - 4-W Copper Dist Load Coil/Equip Removal per 4-W PR	UEF	ULM4X	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	TN	SUB-LOOPS	Unbundled Loop Modification, Removal of Bridge Tap, per unbundled loop	UEF	ULMBT	
13MR-SL	TN	SUB-LOOPS	Unbundled Network Terminating Wire (UNTW) per Pair	UENTW	UENPP	
13MR-SL	TN	SUB-LOOPS	Unbundled Network Terminating Wire (UNTW) per Pair [DISCONNECT] (USOC=UENPP)	UENTW	SOMAN	
13MR-SL	TN	SUB-LOOPS	Unbundled Network Terminating Wire (UNTW) per Pair (USOC=UENPP)	UENTW	SOMAN	
13MR-SL	TN	SUB-LOOPS	Unbundled Network Terminating Wire (UNTW) per Pair [DISCONNECT]	UENTW	UENPP	
13	TN	ADDITIONAL NETWORK ELEMENTS	Network Interface Device (NID) - 1-2 lines	UENTW	UND12	
13	TN	ADDITIONAL NETWORK ELEMENTS	Network Interface Device (NID) - 1-2 lines [DISCONNECT] (USOC=UND12)	UENTW	SOMAN	
13	TN	ADDITIONAL NETWORK ELEMENTS	Network Interface Device (NID) - 1-2 lines (USOC=UND12)	UENTW	SOMAN	
13	TN	ADDITIONAL NETWORK ELEMENTS	Network Interface Device (NID) - 1-2 lines [DISCONNECT]	UENTW	UND12	
13	TN	ADDITIONAL NETWORK ELEMENTS	Network Interface Device (NID) - 1-6 lines	UENTW	UND16	
13	TN	ADDITIONAL NETWORK ELEMENTS	Network Interface Device (NID) - 1-6 lines [DISCONNECT] (USOC=UND16)	UENTW	SOMAN	
13	TN	ADDITIONAL NETWORK ELEMENTS	Network Interface Device (NID) - 1-6 lines (USOC=UND16)	UENTW	SOMAN	
13	TN	ADDITIONAL NETWORK ELEMENTS	Network Interface Device (NID) - 1-6 lines [DISCONNECT]	UENTW	UND16	
13	TN	ADDITIONAL NETWORK ELEMENTS	Network Interface Device Cross Connect - 2 W	UENTW	UNDC2	
13	TN	ADDITIONAL NETWORK ELEMENTS	Network Interface Device Cross Connect - 2 W [DISCONNECT] (USOC=UNDC2)	UENTW	SOMAN	
13	TN	ADDITIONAL NETWORK ELEMENTS	Network Interface Device Cross Connect - 2 W (USOC=UNDC2)	UENTW	SOMAN	
13	TN	ADDITIONAL NETWORK ELEMENTS	Network Interface Device Cross Connect - 4W	UENTW	UNDC4	
13	TN	ADDITIONAL NETWORK ELEMENTS	Network Interface Device Cross Connect - 4W [DISCONNECT] (USOC=UNDC4)	UENTW	SOMAN	
13	TN	ADDITIONAL NETWORK ELEMENTS	Network Interface Device Cross Connect - 4W (USOC=UNDC4)	UENTW	SOMAN	
13	TN	UNE OTHER, PROVISIONING ONLY - NO RATE	Unbundled Contact Name, Provisioning Only - no rate	UAL, UCL, UDC, UDL, UDN, UEA, UHL, UEANL, UEF, UEQ, UENTW, NTCVG, NTCUD, NTCU1, USL	UNECN	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	TN	UNE OTHER, PROVISIONING ONLY - NO RATE	Unbundled DS1 Loop - Superframe Format Option - no rate	USL, NTCD1	CCOSF	
13	TN	UNE OTHER, PROVISIONING ONLY - NO RATE	Unbundled DS1 Loop - Expanded Superframe Format option - no rate	USL, NTCD1	CCOEF	
13	TN	UNE OTHER, PROVISIONING ONLY - NO RATE	NID - Dispatch and Service Order for NID installation	UENTW	UNDBX	
13MR-SL	TN	UNE OTHER, PROVISIONING ONLY - NO RATE	UNTW Circuit Establishment, Provisioning Only - No Rate	UENTW	UENCE	
14	TN	LOOP MAKE-UP	Loop Makeup - Preordering Without Reservation, per working or spare facility queried (Manual).	UMK	UMKLW	
14	TN	LOOP MAKE-UP	Loop Makeup - Preordering Without Reservation, per working or spare facility queried (Manual). [DISCONNECT] (USOC=UMKLW)	UMK	SOMAN	
14	TN	LOOP MAKE-UP	Loop Makeup - Preordering Without Reservation, per working or spare facility queried (Manual). (USOC=UMKLW)	UMK	SOMAN	
14	TN	LOOP MAKE-UP	Loop Makeup - Preordering With Reservation, per spare facility queried (Manual).	UMK	UMKLP	
14	TN	LOOP MAKE-UP	Loop Makeup - Preordering With Reservation, per spare facility queried (Manual). [DISCONNECT] (USOC=UMKLP)	UMK	SOMAN	
14	TN	LOOP MAKE-UP	Loop Makeup - Preordering With Reservation, per spare facility queried (Manual). (USOC=UMKLP)	UMK	SOMAN	
14	TN	LOOP MAKE-UP	Loop Makeup--With or Without Reservation, per working or spare facility queried (Mechanized)	UMK	UMKMQ	
14	TN	LOOP MAKE-UP	Loop Makeup--With or Without Reservation, per working or spare facility queried (Mechanized) [DISCONNECT] (USOC=UMKMQ)	UMK	SOMAN	
14	TN	LOOP MAKE-UP	Loop Makeup--With or Without Reservation, per working or spare facility queried (Mechanized) (USOC=UMKMQ)	UMK	SOMAN	
14R-LS	TN	LINE SPLITTING	End User Ordering - Central Office Based - Line Splitting - per line activation DLEC owned splitter	UEPSR, UEPSB	UREOS	
14R-LS	TN	LINE SPLITTING	End User Ordering - Remote Site Shared Loop Line Activation for End Users - CLEC Owned Splitter	UEPSR, UEPSB	URERS	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
14R-LS	TN	LINE SPLITTING	End User Ordering - Remote Site Shared Loop Line Activation for End Users - CLEC Owned Splitter [DISCONNECT] (USOC=URERS)	UEPSR, UEPSB	SOMAN	
14R-LS	TN	LINE SPLITTING	End User Ordering - Remote Site Shared Loop Line Activation for End Users - CLEC Owned Splitter (USOC=URERS)	UEPSR, UEPSB	SOMAN	
14R-LS	TN	LINE SPLITTING	End User Ordering - Remote Site Shared Loop Line Activation for End Users - CLEC Owned Splitter [DISCONNECT]	UEPSR, UEPSB	URERS	
14R-LS	TN	LINE SPLITTING	End User Ordering - Remote Site Shared Loop - Subsequent Activity - CLEC Owned Splitter	UEPSR, UEPSB	URERA	
14R-LS	TN	LINE SPLITTING	End User Ordering - Remote Site Shared Loop - Subsequent Activity - CLEC Owned Splitter [DISCONNECT] (USOC=URERA)	UEPSR, UEPSB	SOMAN	
14R-LS	TN	LINE SPLITTING	End User Ordering - Remote Site Shared Loop - Subsequent Activity - CLEC Owned Splitter (USOC=URERA)	UEPSR, UEPSB	SOMAN	
14R-LS	TN	LINE SPLITTING	Unbundled Exchange Access Loop - 2 Wire Analog Voice Grade Loop-Service Level 1-Line Splitting- Zone 1	UEPSR, UEPSB	UEALS	1
14R-LS	TN	LINE SPLITTING	Unbundled Exchange Access Loop - 2 Wire Analog Voice Grade Loop-Service Level 1-Line Splitting- Zone 1 [DISCONNECT] (USOC=UEALS)	UEPSR, UEPSB	SOMAN	1
14R-LS	TN	LINE SPLITTING	Unbundled Exchange Access Loop - 2 Wire Analog Voice Grade Loop-Service Level 1-Line Splitting- Zone 1 (USOC=UEALS)	UEPSR, UEPSB	SOMAN	1
14R-LS	TN	LINE SPLITTING	Unbundled Exchange Access Loop - 2 Wire Analog Voice Grade Loop-Service Level 1-Line Splitting- Zone 1 [DISCONNECT]	UEPSR, UEPSB	UEALS	1
14R-LS	TN	LINE SPLITTING	Unbundled Exchange Access Loop - 2 Wire Analog Voice Grade Loop-Service Level 1-Line Splitting- Zone 1	UEPSR, UEPSB	UEABS	1
14R-LS	TN	LINE SPLITTING	Unbundled Exchange Access Loop - 2 Wire Analog Voice Grade Loop-Service Level 1-Line Splitting- Zone 1 [DISCONNECT] (USOC=UEABS)	UEPSR, UEPSB	SOMAN	1

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
14R-LS	TN	LINE SPLITTING	Unbundled Exchange Access Loop - 2 Wire Analog Voice Grade Loop-Service Level 1-Line Splitting- Zone 1 (USOC=UEABS)	UEPSR, UEPSB	SOMAN	1
14R-LS	TN	LINE SPLITTING	Unbundled Exchange Access Loop - 2 Wire Analog Voice Grade Loop-Service Level 1-Line Splitting- Zone 1 [DISCONNECT]	UEPSR, UEPSB	UEABS	1
14R-LS	TN	LINE SPLITTING	Unbundled Exchange Access Loop - 2 Wire Analog Voice Grade Loop- Service Level 1-Line Splitting-Zone 2	UEPSR, UEPSB	UEALS	2
14R-LS	TN	LINE SPLITTING	Unbundled Exchange Access Loop - 2 Wire Analog Voice Grade Loop- Service Level 1-Line Splitting-Zone 2 [DISCONNECT] (USOC=UEALS)	UEPSR, UEPSB	SOMAN	2
14R-LS	TN	LINE SPLITTING	Unbundled Exchange Access Loop - 2 Wire Analog Voice Grade Loop- Service Level 1-Line Splitting-Zone 2 (USOC=UEALS)	UEPSR, UEPSB	SOMAN	2
14R-LS	TN	LINE SPLITTING	Unbundled Exchange Access Loop - 2 Wire Analog Voice Grade Loop- Service Level 1-Line Splitting-Zone 2 [DISCONNECT]	UEPSR, UEPSB	UEALS	2
14R-LS	TN	LINE SPLITTING	Unbundled Exchange Access Loop - 2 Wire Analog Voice Grade Loop- Service Level 1-Line Splitting-Zone 2	UEPSR, UEPSB	UEABS	2
14R-LS	TN	LINE SPLITTING	Unbundled Exchange Access Loop - 2 Wire Analog Voice Grade Loop- Service Level 1-Line Splitting-Zone 2 [DISCONNECT] (USOC=UEABS)	UEPSR, UEPSB	SOMAN	2
14R-LS	TN	LINE SPLITTING	Unbundled Exchange Access Loop - 2 Wire Analog Voice Grade Loop- Service Level 1-Line Splitting-Zone 2 (USOC=UEABS)	UEPSR, UEPSB	SOMAN	2
14R-LS	TN	LINE SPLITTING	Unbundled Exchange Access Loop - 2 Wire Analog Voice Grade Loop- Service Level 1-Line Splitting-Zone 2 [DISCONNECT]	UEPSR, UEPSB	UEABS	2
14R-LS	TN	LINE SPLITTING	Unbundled Exchange Access Loop - 2 Wire Analog Voice Grade Loop-Service Level 1-Line Splitting-Zone 3	UEPSR, UEPSB	UEALS	3
14R-LS	TN	LINE SPLITTING	Unbundled Exchange Access Loop - 2 Wire Analog Voice Grade Loop-Service Level 1-Line Splitting-Zone 3 [DISCONNECT] (USOC=UEALS)	UEPSR, UEPSB	SOMAN	3

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
14R-LS	TN	LINE SPLITTING	Unbundled Exchange Access Loop - 2 Wire Analog Voice Grade Loop-Service Level 1-Line Splitting-Zone 3 (USOC=UEALS)	UEPSR, UEPSB	SOMAN	3
14R-LS	TN	LINE SPLITTING	Unbundled Exchange Access Loop - 2 Wire Analog Voice Grade Loop-Service Level 1-Line Splitting-Zone 3 [DISCONNECT]	UEPSR, UEPSB	UEALS	3
14R-LS	TN	LINE SPLITTING	Unbundled Exchange Access Loop - 2 Wire Analog Voice Grade Loop-Service Level 1-Line Splitting-Zone 3	UEPSR, UEPSB	UEABS	3
14R-LS	TN	LINE SPLITTING	Unbundled Exchange Access Loop - 2 Wire Analog Voice Grade Loop-Service Level 1-Line Splitting-Zone 3 [DISCONNECT] (USOC=UEABS)	UEPSR, UEPSB	SOMAN	3
14R-LS	TN	LINE SPLITTING	Unbundled Exchange Access Loop - 2 Wire Analog Voice Grade Loop-Service Level 1-Line Splitting-Zone 3 (USOC=UEABS)	UEPSR, UEPSB	SOMAN	3
14R-LS	TN	LINE SPLITTING	Unbundled Exchange Access Loop - 2 Wire Analog Voice Grade Loop-Service Level 1-Line Splitting-Zone 3 [DISCONNECT]	UEPSR, UEPSB	UEABS	3
14R-LS	TN	LINE SPLITTING	Unbundled Exchange Access Loop - Physical Collocation-2 Wire Cross Connects (Loop) for Line Splitting	UEPSR, UEPSB	PE1LS	
14R-LS	TN	LINE SPLITTING	Unbundled Exchange Access Loop - Physical Collocation-2 Wire Cross Connects (Loop) for Line Splitting [DISCONNECT] (USOC=PE1LS)	UEPSR, UEPSB	SOMAN	
14R-LS	TN	LINE SPLITTING	Unbundled Exchange Access Loop - Physical Collocation-2 Wire Cross Connects (Loop) for Line Splitting (USOC=PE1LS)	UEPSR, UEPSB	SOMAN	
14R-LS	TN	LINE SPLITTING	Unbundled Exchange Access Loop - Physical Collocation-2 Wire Cross Connects (Loop) for Line Splitting [DISCONNECT]	UEPSR, UEPSB	PE1LS	
14R-LS	TN	LINE SPLITTING	Unbundled Exchange Access Loop - Virtual Collocation-2 Wire Cross Connects (Loop) for Line Splitting	UEPSR, UEPSB	VE1LS	
14R-LS	TN	LINE SPLITTING	Unbundled Exchange Access Loop - Virtual Collocation-2 Wire Cross Connects (Loop) for Line Splitting [DISCONNECT] (USOC=VE1LS)	UEPSR, UEPSB	SOMAN	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
14R-LS	TN	LINE SPLITTING	Unbundled Exchange Access Loop - Virtual Collocation-2 Wire Cross Connects (Loop) for Line Splitting (USOC=VE1LS)	UEPSR, UEPSB	SOMAN	
14R-LS	TN	LINE SPLITTING	Unbundled Exchange Access Loop - Virtual Collocation-2 Wire Cross Connects (Loop) for Line Splitting [DISCONNECT]	UEPSR, UEPSB	VE1LS	
13	TN	UNBUNDLED DEDICATED TRANSPORT	Stand Alone - Interoffice Channel - DS1 - per mile	U1TD1	1L5XX	
13	TN	UNBUNDLED DEDICATED TRANSPORT	Stand Alone - Interoffice Channel - DS1 - Facility Termination	U1TD1	U1TF1	
13	TN	UNBUNDLED DEDICATED TRANSPORT	Stand Alone - Interoffice Channel - DS1 - Facility Termination [DISCONNECT] (USOC=U1TF1)	U1TD1	SOMAN	
13	TN	UNBUNDLED DEDICATED TRANSPORT	Stand Alone - Interoffice Channel - DS1 - Facility Termination (USOC=U1TF1)	U1TD1	SOMAN	
13	TN	UNBUNDLED DEDICATED TRANSPORT	Stand Alone - Interoffice Channel - DS1 - Facility Termination [DISCONNECT]	U1TD1	U1TF1	
13	TN	UNBUNDLED DEDICATED TRANSPORT	Stand Alone - Interoffice Channel - DS3 - per mile	U1TD3	1L5XX	
13	TN	UNBUNDLED DEDICATED TRANSPORT	Stand Alone - Interoffice Channel - DS3 - Facility Termination	U1TD3	U1TF3	
13	TN	UNBUNDLED DEDICATED TRANSPORT	Stand Alone - Interoffice Channel - DS3 - Facility Termination [DISCONNECT] (USOC=U1TF3)	U1TD3	SOMAN	
13	TN	UNBUNDLED DEDICATED TRANSPORT	Stand Alone - Interoffice Channel - DS3 - Facility Termination (USOC=U1TF3)	U1TD3	SOMAN	
13	TN	UNBUNDLED DEDICATED TRANSPORT	Stand Alone - Interoffice Channel - DS3 - Facility Termination [DISCONNECT]	U1TD3	U1TF3	
13	TN	UNBUNDLED DEDICATED TRANSPORT	Stand Alone or in Combination - Dark Fiber - Interoffice Transport, Per Four Fiber Strands, Per Route Mile Or Fraction Thereof	UDF	1L5DF	
13	TN	UNBUNDLED DEDICATED TRANSPORT	Stand Alone or in Combination - Dark Fiber - Interoffice Transport, Per Four Fiber Strands, Per Route Mile Or Fraction Thereof	UDF	UDF14	
13	TN	UNBUNDLED DEDICATED TRANSPORT	Stand Alone or in Combination - Dark Fiber - Interoffice Transport, Per Four Fiber Strands, Per Route Mile Or Fraction Thereof [DISCONNECT]	UDF	UDF14	
13	TN	HIGH CAPACITY UNBUNDLED LOCAL LOOP	Stand Alone - DS3 Unbundled Local Loop - per mile	UE3	1L5ND	
13	TN	HIGH CAPACITY UNBUNDLED LOCAL LOOP	Stand Alone - DS3 Unbundled Local Loop - Facility Termination	UE3	UE3PX	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	TN	HIGH CAPACITY UNBUNDLED LOCAL LOOP	Stand Alone - DS3 Unbundled Local Loop - Facility Termination [DISCONNECT] (USOC=UE3PX)	UE3	SOMAN	
13	TN	HIGH CAPACITY UNBUNDLED LOCAL LOOP	Stand Alone - DS3 Unbundled Local Loop - Facility Termination (USOC=UE3PX)	UE3	SOMAN	
13	TN	HIGH CAPACITY UNBUNDLED LOCAL LOOP	Stand Alone - DS3 Unbundled Local Loop - Facility Termination [DISCONNECT]	UE3	UE3PX	
13	TN	ENHANCED EXTENDED LINK (EELs)	4-Wire Analog Voice Grade Loop in Combination - Zone 1	UNCVX	UEAL4	1
13	TN	ENHANCED EXTENDED LINK (EELs)	4-Wire Analog Voice Grade Loop in Combination - Zone 1 (USOC=UEAL4)	UNCVX	SOMAN	1
13	TN	ENHANCED EXTENDED LINK (EELs)	4-Wire Analog Voice Grade Loop in Combination - Zone 1 [DISCONNECT]	UNCVX	UEAL4	1
13	TN	ENHANCED EXTENDED LINK (EELs)	4-Wire Analog Voice Grade Loop in Combination - Zone 2	UNCVX	UEAL4	2
13	TN	ENHANCED EXTENDED LINK (EELs)	4-Wire Analog Voice Grade Loop in Combination - Zone 2 (USOC=UEAL4)	UNCVX	SOMAN	2
13	TN	ENHANCED EXTENDED LINK (EELs)	4-Wire Analog Voice Grade Loop in Combination - Zone 2 [DISCONNECT]	UNCVX	UEAL4	2
13	TN	ENHANCED EXTENDED LINK (EELs)	4-Wire Analog Voice Grade Loop in Combination - Zone 3	UNCVX	UEAL4	3
13	TN	ENHANCED EXTENDED LINK (EELs)	4-Wire Analog Voice Grade Loop in Combination - Zone 3 (USOC=UEAL4)	UNCVX	SOMAN	3
13	TN	ENHANCED EXTENDED LINK (EELs)	4-Wire Analog Voice Grade Loop in Combination - Zone 3 [DISCONNECT]	UNCVX	UEAL4	3
13	TN	ENHANCED EXTENDED LINK (EELs)	4-Wire DS1 Digital Loop in Combination - Zone 1	UNC1X	USLXX	1
13	TN	ENHANCED EXTENDED LINK (EELs)	4-Wire DS1 Digital Loop in Combination - Zone 1 [DISCONNECT] (USOC=USLXX)	UNC1X	SOMAN	1
13	TN	ENHANCED EXTENDED LINK (EELs)	4-Wire DS1 Digital Loop in Combination - Zone 1 (USOC=USLXX)	UNC1X	SOMAN	1
13	TN	ENHANCED EXTENDED LINK (EELs)	4-Wire DS1 Digital Loop in Combination - Zone 1 [DISCONNECT]	UNC1X	USLXX	1
13	TN	ENHANCED EXTENDED LINK (EELs)	4-Wire DS1 Digital Loop in Combination - Zone 2	UNC1X	USLXX	2
13	TN	ENHANCED EXTENDED LINK (EELs)	4-Wire DS1 Digital Loop in Combination - Zone 2 [DISCONNECT] (USOC=USLXX)	UNC1X	SOMAN	2
13	TN	ENHANCED EXTENDED LINK (EELs)	4-Wire DS1 Digital Loop in Combination - Zone 2 (USOC=USLXX)	UNC1X	SOMAN	2

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	TN	ENHANCED EXTENDED LINK (EELs)	4-Wire DS1 Digital Loop in Combination - Zone 2 [DISCONNECT]	UNC1X	USLXX	2
13	TN	ENHANCED EXTENDED LINK (EELs)	4-Wire DS1 Digital Loop in Combination - Zone 3	UNC1X	USLXX	3
13	TN	ENHANCED EXTENDED LINK (EELs)	4-Wire DS1 Digital Loop in Combination - Zone 3 [DISCONNECT] (USOC=USLXX)	UNC1X	SOMAN	3
13	TN	ENHANCED EXTENDED LINK (EELs)	4-Wire DS1 Digital Loop in Combination - Zone 3 (USOC=USLXX)	UNC1X	SOMAN	3
13	TN	ENHANCED EXTENDED LINK (EELs)	4-Wire DS1 Digital Loop in Combination - Zone 3 [DISCONNECT]	UNC1X	USLXX	3
13	TN	ENHANCED EXTENDED LINK (EELs)	DS3 Local Loop in combination - per mile	UNC3X	1L5ND	
13	TN	ENHANCED EXTENDED LINK (EELs)	DS3 Local Loop in combination - Facility Termination	UNC3X	UE3PX	
13	TN	ENHANCED EXTENDED LINK (EELs)	DS3 Local Loop in combination - Facility Termination [DISCONNECT] (USOC=UE3PX)	UNC3X	SOMAN	
13	TN	ENHANCED EXTENDED LINK (EELs)	DS3 Local Loop in combination - Facility Termination (USOC=UE3PX)	UNC3X	SOMAN	
13	TN	ENHANCED EXTENDED LINK (EELs)	DS3 Local Loop in combination - Facility Termination [DISCONNECT]	UNC3X	UE3PX	
13	TN	ENHANCED EXTENDED LINK (EELs)	Interoffice Channel in combination - DS1 - per mile	UNC1X	1L5XX	
13	TN	ENHANCED EXTENDED LINK (EELs)	Interoffice Channel in combination - DS1 Facility Termination	UNC1X	U1TF1	
13	TN	ENHANCED EXTENDED LINK (EELs)	Interoffice Channel in combination - DS1 Facility Termination [DISCONNECT] (USOC=U1TF1)	UNC1X	SOMAN	
13	TN	ENHANCED EXTENDED LINK (EELs)	Interoffice Channel in combination - DS1 Facility Termination (USOC=U1TF1)	UNC1X	SOMAN	
13	TN	ENHANCED EXTENDED LINK (EELs)	Interoffice Channel in combination - DS1 Facility Termination [DISCONNECT]	UNC1X	U1TF1	
13	TN	ENHANCED EXTENDED LINK (EELs)	Interoffice Channel in combination - DS3 - per mile	UNC3X	1L5XX	
13	TN	ENHANCED EXTENDED LINK (EELs)	Interoffice Channel in combination - DS3 - Facility Termination	UNC3X	U1TF3	
13	TN	ENHANCED EXTENDED LINK (EELs)	Interoffice Channel in combination - DS3 - Facility Termination [DISCONNECT] (USOC=U1TF3)	UNC3X	SOMAN	
13	TN	ENHANCED EXTENDED LINK (EELs)	Interoffice Channel in combination - DS3 - Facility Termination (USOC=U1TF3)	UNC3X	SOMAN	
13	TN	ENHANCED EXTENDED LINK (EELs)	Interoffice Channel in combination - DS3 - Facility Termination [DISCONNECT]	UNC3X	U1TF3	
13	TN	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: Clear Channel Capability Extended Frame Option - per DS1	U1TD1, UNC1X	CCOEF	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	TN	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: Clear Channel Capability Extended Frame Option - per DS1 [DISCONNECT]	U1TD1, UNC1X	CCOEF	
13	TN	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: Clear Channel Capability Super FrameOption - per DS1	U1TD1, UNC1X	CCOSF	
13	TN	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: Clear Channel Capability Super FrameOption - per DS1 [DISCONNECT]	U1TD1, UNC1X	CCOSF	
13	TN	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: Clear Channel Capability (SF/ESF) Option - Subsequent Activity - per DS1	U1TD1, UNC1X, USL	NRCCC	
13	TN	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: Clear Channel Capability (SF/ESF) Option - Subsequent Activity - per DS1 [DISCONNECT]	U1TD1, UNC1X, USL	NRCCC	
13	TN	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: C-bit Parity Option - Subsequent Activity - per DS3	U1TD3, UE3, UNC3X	NRCC3	
13	TN	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: C-bit Parity Option - Subsequent Activity - per DS3 [DISCONNECT]	U1TD3, UE3, UNC3X	NRCC3	
13	TN	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: DS1/DS0 Channel System	UNC1X	MQ1	
13	TN	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: DS1/DS0 Channel System [DISCONNECT]	UNC1X	MQ1	
13	TN	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: DS3/DS1Channel System	UNC3X	MQ3	
13	TN	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: DS3/DS1Channel System [DISCONNECT] (USOC=MQ3)	UNC3X	SOMAN	
13	TN	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: DS3/DS1Channel System (USOC=MQ3)	UNC3X	SOMAN	
13	TN	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: DS3/DS1Channel System [DISCONNECT]	UNC3X	MQ3	
13	TN	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: Voice Grade COCI in combination	UNCVX	1D1VG	
13	TN	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: Voice Grade COCI - for 2W-SL2 & 4W Voice Grade Local Loop	UEA	1D1VG	
13	TN	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: DS1 COCI in combination	UNC1X	UC1D1	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	TN	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: DS1 COCI in combination [DISCONNECT] (USOC=UC1D1)	UNC1X	SOMAN	
13	TN	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: DS1 COCI in combination (USOC=UC1D1)	UNC1X	SOMAN	
13	TN	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: DS1 COCI - for Stand Alone Interoffice Channel	U1TD1	UC1D1	
13	TN	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: DS1 COCI - for DS1 Local Loop	USL, NTCDD1	UC1D1	
13	TN	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: Wholesale - UNE, Switch-As-Is Conversion Charge	UNCVX, UNC1X, UNC3X, XDH1X, HFQC6, XDD2X, XDV6X	UNCCC	
13	TN	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: Wholesale - UNE, Switch-As-Is Conversion Charge [DISCONNECT]	UNCVX, UNC1X, UNC3X, XDH1X, HFQC6, XDD2X, XDV6X	UNCCC	
13	TN	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: Unbundled Misc Rate Element, SNE SAI, Single Network Element - Switch As Is Non-recurring Charge, per circuit (LSR)	U1TVX, U1TD3, UDF, UE3	URES	
13	TN	ADDITIONAL NETWORK ELEMENTS	Optional Features & Functions: Unbundled Misc Rate Element, SNE SAI, Single Network Element - Switch As Is Non-recurring Charge, incremental charge per circuit on a spreadsheet	U1TVX, U1TD3, UDF, UE3	URESP	
13	TN	ADDITIONAL NETWORK ELEMENTS	Service Rearrangements - NRC - Order Coordination Specific Time - Dedicated Transport	UNC1X, UNC3X	OCOSR	
13	TN	COMMINGLING	Commingling Authorization	UNCVX, UNC1X, UNC3X, U1TD3, UE3, U1TVX	CMGAU	
13	TN	COMMINGLING	Commingling Authorization [DISCONNECT]	UNCVX, UNC1X, UNC3X, U1TD3, UE3, U1TVX	CMGAU	
13	TN	COMMINGLING	Commingled VG COCI	XDV2X	1D1VG	
13	TN	COMMINGLING	Commingled 4-wire Local Loop Zone 1	XDV6X	UEAL4	1
13	TN	COMMINGLING	Commingled 4-wire Local Loop Zone 1 [DISCONNECT]	XDV6X	UEAL4	1
13	TN	COMMINGLING	Commingled 4-wire Local Loop Zone 2	XDV6X	UEAL4	2
13	TN	COMMINGLING	Commingled 4-wire Local Loop Zone 2 [DISCONNECT]	XDV6X	UEAL4	2
13	TN	COMMINGLING	Commingled 4-wire Local Loop Zone 3	XDV6X	UEAL4	3
13	TN	COMMINGLING	Commingled 4-wire Local Loop Zone 3 [DISCONNECT]	XDV6X	UEAL4	3
13	TN	COMMINGLING	Commingled DS1 COCI	XDH1X	UC1D1	
13	TN	COMMINGLING	Commingled DS1 Interoffice Channel	XDH1X	U1TF1	
13	TN	COMMINGLING	Commingled DS1 Interoffice Channel [DISCONNECT]	XDH1X	U1TF1	
13	TN	COMMINGLING	Commingled DS1 Interoffice Channel Mileage	XDH1X	1L5XX	
13	TN	COMMINGLING	Commingled DS1/DS0 Channel System	XDH1X	MQ1	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	TN	COMMINGLING	Commingle DS1/DS0 Channel System [DISCONNECT]	XDH1X	MQ1	
13	TN	COMMINGLING	Commingle DS1 Local Loop Zone 1	XDH1X	USLXX	1
13	TN	COMMINGLING	Commingle DS1 Local Loop Zone 1 [DISCONNECT]	XDH1X	USLXX	1
13	TN	COMMINGLING	Commingle DS1 Local Loop Zone 2	XDH1X	USLXX	2
13	TN	COMMINGLING	Commingle DS1 Local Loop Zone 2 [DISCONNECT]	XDH1X	USLXX	2
13	TN	COMMINGLING	Commingle DS1 Local Loop Zone 3	XDH1X	USLXX	3
13	TN	COMMINGLING	Commingle DS1 Local Loop Zone 3 [DISCONNECT]	XDH1X	USLXX	3
13	TN	COMMINGLING	Commingle DS3 Local Loop	HFQC6	UE3PX	
13	TN	COMMINGLING	Commingle DS3 Local Loop [DISCONNECT]	HFQC6	UE3PX	
13	TN	COMMINGLING	Commingle DS3 Local Loop Mileage	HFQC6	1L5ND	
13	TN	COMMINGLING	Commingle DS3/DS1 Channel System	HFQC6	MQ3	
13	TN	COMMINGLING	Commingle DS3/DS1 Channel System [DISCONNECT]	HFQC6	MQ3	
13	TN	COMMINGLING	Commingle DS3 Interoffice Channel	HFQC6	U1TF3	
13	TN	COMMINGLING	Commingle DS3 Interoffice Channel [DISCONNECT]	HFQC6	U1TF3	
13	TN	COMMINGLING	Commingle DS3 Interoffice Channel Mileage	HFQC6	1L5XX	
13	TN	COMMINGLING	UNE to Commingle Conversion Tracking	XDH1X, HFQC6	CMGUN	
13	TN	COMMINGLING	UNE to Commingle Conversion Tracking [DISCONNECT]	XDH1X, HFQC6	CMGUN	
13	TN	COMMINGLING	SPA to Commingle Conversion Tracking	XDH1X, HFQC6	CMGSP	
13	TN	COMMINGLING	SPA to Commingle Conversion Tracking [DISCONNECT]	XDH1X, HFQC6	CMGSP	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	TX	UNBUNDLED EXCHANGE ACCESS LOOP	Disconnect Loop from inside wiring, per NID		NRBND	
13	TX	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Loop - Zone 1 (Rural)		U21	1
13	TX	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Loop - Zone 2 (Suburban)		U21	2
13	TX	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Loop - Zone 3 (Urban)		U21	3
13	TX	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Loop - Disconnect		NKCT1	
13	TX	UNBUNDLED EXCHANGE ACCESS LOOP	Loop Conditioning for dB loss from 8db to 5db		UL2	
13	TX	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Loop - Zone 1 (Rural)		U4H	1
13	TX	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Loop - Zone 2 (Suburban)		U4H	2
13	TX	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Loop - Zone 3 (Urban)		U4H	3
13	TX	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Digital Loop -Zone 1 (Rural)		U2Q	1
13	TX	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Digital Loop - Zone 2 (Suburban)		U2Q	2
13	TX	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Digital Loop - Zone 3 (Urban)		U2Q	3
13	TX	UNBUNDLED EXCHANGE ACCESS LOOP	DS1 Loop - Zone 1 (Rural)		U4D1X	1
13	TX	UNBUNDLED EXCHANGE ACCESS LOOP	DS1 Loop - Zone 2 (Suburban)		U4D1X	2
13	TX	UNBUNDLED EXCHANGE ACCESS LOOP	DS1 Loop - Zone 3 (Urban)		U4D1X	3
13	TX	UNBUNDLED EXCHANGE ACCESS LOOP	DS1 Loop - Disconnect		NKCT2	
13	TX	UNBUNDLED EXCHANGE ACCESS LOOP	DS3 Loop - Zone 1 (Rural)		U4D3X	1
13	TX	UNBUNDLED EXCHANGE ACCESS LOOP	DS3 Loop - Zone 2 (Suburban)		U4D3X	2
13	TX	UNBUNDLED EXCHANGE ACCESS LOOP	DS3 Loop - Zone 3 (Urban)		U4D3X	3
13	TX	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Loop Cross Connect to Collocation		UCXC2	
13	TX	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Loop Cross Connect to Collocation (without testing)		UCXD2	
13	TX	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Loop Cross Connect to Collocation		UCXC4	
13	TX	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Loop Cross Connect to Collocation (without testing)		UCXD4	
13	TX	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Digital Loop Cross Connect to Collocation			
13	TX	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Digital Loop Cross Connect to Collocation (without testing)			
13	TX	UNBUNDLED EXCHANGE ACCESS LOOP	DS1 Loop Cross Connect to Collocation	LU1	UCXHX	
13	TX	UNBUNDLED EXCHANGE ACCESS LOOP	DS3 C.O. Cross Connect to Collocation		UCXBX	
13	TX	UNBUNDLED EXCHANGE ACCESS LOOP	EEL DS1 Loop to Collo/Mux (dfft CO)	EE7MX	UCXHX	
14	TX	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #1 - 2-Wire xDSL Loop - Zone 1 (Rural)		2SLAX	1
14	TX	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #1 - 2-Wire xDSL Loop - Zone 2 (Suburban)		2SLAX	2
14	TX	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #1 - 2-Wire xDSL Loop - Zone 3 (Urban)		2SLAX	3
14	TX	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #2 - 2-Wire xDSL Loop - Zone 1 (Rural)		2SLCX	1
14	TX	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #2 - 2-Wire xDSL Loop - Zone 2 (Suburban)		2SLCX	2
14	TX	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #2 - 2-Wire xDSL Loop - Zone 3 (Urban)		2SLCX	3

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
14	TX	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #3 - 2-Wire xDSL Loop - Zone 1 (Rural)		2SLBX	1
14	TX	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #3 - 2-Wire xDSL Loop - Zone 2 (Suburban)		2SLBX	2
14	TX	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #3 - 2-Wire xDSL Loop - Zone 3 (Urban)		2SLBX	3
14	TX	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #4 - 2-Wire xDSL Loop - Zone 1 (Rural)		2SLDX	1
14	TX	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #4 - 2-Wire xDSL Loop - Zone 2 (Suburban)		2SLDX	2
14	TX	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #4 - 2-Wire xDSL Loop - Zone 3 (Urban)		2SLDX	3
14	TX	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #5 - 2-Wire xDSL Loop - Zone 1 (Rural)		U2F	1
14	TX	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #5 - 2-Wire xDSL Loop - Zone 2 (Suburban)		U2F	2
14	TX	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #5 - 2-Wire xDSL Loop - Zone 3 (Urban)		U2F	3
14	TX	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #7 - 2-Wire xDSL Loop - Zone 1 (Rural)		2SLFX	1
14	TX	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #7 - 2-Wire xDSL Loop - Zone 2 (Suburban)		2SLFX	2
14	TX	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #7 - 2-Wire xDSL Loop - Zone 3 (Urban)		2SLFX	3
14	TX	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #3 - 4-Wire xDSL Loop - Zone 1 (Rural)		4SL1X	1
14	TX	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #3 - 4-Wire xDSL Loop - Zone 2 (Suburban)		4SL1X	2
14	TX	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #3 - 4-Wire xDSL Loop - Zone 3 (Urban)		4SL1X	3
13	TX	UNBUNDLED EXCHANGE ACCESS LOOP	IDSL Capable Loop - Zone 1 (Rural)		UY5FX	1
13	TX	UNBUNDLED EXCHANGE ACCESS LOOP	IDSL Capable Loop - Zone 2 (Suburban)		UY5FX	2
13	TX	UNBUNDLED EXCHANGE ACCESS LOOP	IDSL Capable Loop - Zone 3 (Urban)		UY5FX	3
14	TX	LOOP MAKE-UP	Loop Qualification Process - Mechanized		NR98U	
14	TX	LOOP MAKE-UP	Loop Qualification Process - Manual		NRBXU	
14	TX	LOOP MODIFICATION	DSL Conditioning - Removal of Repeaters		NRBXV	
14	TX	LOOP MODIFICATION	DSL Conditioning - Incremental Removal of Repeater (> than 17.5 Kft.same location/same cable)		NRBNL	
14	TX	LOOP MODIFICATION	DSL Conditioning - Incremental Additional Removal of Repeater (> than 17.5 Kft.same location/different cable)		NRBNP	
14	TX	LOOP MODIFICATION	DSL Conditioning - Removal of Excessive Bridged Taps and Repeaters		NRBXH	
14	TX	LOOP MODIFICATION	DSL Conditioning - Incremental Removal of Excessive Bridged Taps and Repeaters (>than 17.5K same location/same cable)		NRBTW	
14	TX	LOOP MODIFICATION	DSL Conditioning - Incremental Additional Removal of Excessive Bridged Taps and Repeaters (>than 17.5K same location/different cable)		NRBTW	
14	TX	LOOP MODIFICATION	DSL Conditioning - Removal of Excessive Bridged Taps		NRBXW	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
14	TX	LOOP MODIFICATION	DSL Conditioning - Incremental Removal of Excessive Bridged Tap (> than 17.5 Kft.same location/same cable)		NRBNK	
14	TX	LOOP MODIFICATION	DSL Conditioning - Incremental Additional Removal of Excessive Bridged Tap (> than 17.5 Kft.same location/different cable)		NRBNN	
14	TX	LOOP MODIFICATION	DSL Conditioning - Removal of Excessive Bridged Taps and Load Coils		NRBXF	
14	TX	LOOP MODIFICATION	DSL Conditioning - Incremental Removal of Load Coil & Excessive Bridge Tap (> than 17.5 Kft.same location/same Cable)		NRBM8	
14	TX	LOOP MODIFICATION	DSL Conditioning - Incremental Additional Removal of Load Coil & Excessive Bridge Tap (> than 17.5 Kft.same location/different Cable)		NRBM9	
14	TX	LOOP MODIFICATION	DSL Conditioning - Removal of Load Coils		NRBXZ	
14	TX	LOOP MODIFICATION	RABT - MMP - Incremental Removal of Load Coil (> than 17.5 Kft.same location/same Cable)		NRBNJ	
14	TX	LOOP MODIFICATION	RABT - MMP - Incremental Additional Removal of Load Coil (> than 17.5 Kft.same location/different Cable)		NRBNH	
14	TX	LOOP MODIFICATION	RABT - MMP - Removal of non-excessive bridged tap DSL loops >0Kft. And <17.5Kft.		NRMRJ	
14	TX	LOOP MODIFICATION	RABT - MMP - Removal of All Bridged Tap DSL Loops 12Kft. To 17.5Kft.		NRMRP	
14	TX	LOOP MODIFICATION	RABT - MMP - Removal of non-excessive bridged tap DSL loops >17.5Kft DSL Loops - per element incremental		NRMRS	
14	TX	LOOP MODIFICATION	RABT - MMP - Removal of All Bridged Tap DSL loops >17.5Kft. - per element incremental		NRMRM	
14	TX	UNBUNDLED EXCHANGE ACCESS LOOP	DSL Shielded Loop Cross Connect to Collocation		UXRRX	
14	TX	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire DSL Non-Shielded Cross Connect to Collocation		UCX92	
14	TX	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire DSL Non-Shielded Cross Connect to Collocation		UCX94	
14	TX	LOOP MODIFICATION	LST performed on CODSLAM Loop		URCLD	
13MR-SL	TX	SUB-LOOPS	LST performed on Sub Loop		URCLB	
13MR-SL	TX	SUB-LOOPS	ECS to SAI subloop charge 2-Wire Analog Zone 1 (Rural)		U6LAP	1
13MR-SL	TX	SUB-LOOPS	ECS to SAI subloop charge 2-Wire Analog Zone 2 (Suburban)		U6LAP	2

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13MR-SL	TX	SUB-LOOPS	ECS to SAI subloop charge 2-Wire Analog Zone 3 (Urban)		U6LAP	3
13MR-SL	TX	SUB-LOOPS	ECS to Terminal subloop charge 2-Wire Analog Zone 1 (Rural)		U6LAQ	1
13MR-SL	TX	SUB-LOOPS	ECS to Terminal subloop charge 2-Wire Analog Zone 2 (Suburban)		U6LAQ	2
13MR-SL	TX	SUB-LOOPS	ECS to Terminal subloop charge 2-Wire Analog Zone 3 (Urban)		U6LAQ	3
13MR-SL	TX	SUB-LOOPS	ECS to NID subloop charge 2-Wire Analog Zone 1 (Rural)		U6LAR	1
13MR-SL	TX	SUB-LOOPS	ECS to NID subloop charge 2-Wire Analog Zone 2 (Suburban)		U6LAR	2
13MR-SL	TX	SUB-LOOPS	ECS to NID subloop charge 2-Wire-Analog Zone 3 (Urban)		U6LAR	3
13MR-SL	TX	SUB-LOOPS	SAI to Terminal subloop charge 2-Wire Analog Zone 1 (Rural)		U6LAS	1
13MR-SL	TX	SUB-LOOPS	SAI to Terminal subloop charge 2-Wire Analog Zone 2 (Suburban)		U6LAS	2
13MR-SL	TX	SUB-LOOPS	SAI to Terminal subloop charge 2-Wire Analog Zone 3 (Urban)		U6LAS	3
13MR-SL	TX	SUB-LOOPS	SAI to NID subloop charge 2-Wire Analog Zone 1 (Rural)		U6LAT	1
13MR-SL	TX	SUB-LOOPS	SAI to NID subloop charge 2-Wire Analog Zone 2 (Suburban)		U6LAT	2
13MR-SL	TX	SUB-LOOPS	SAI to NID subloop charge 2-Wire Analog Zone 3 (Urban)		U6LAT	3
13MR-SL	TX	SUB-LOOPS	Terminal to NID subloop charge 2-Wire Analog Zone 1 (Rural)		U6LAU	1
13MR-SL	TX	SUB-LOOPS	Terminal to NID subloop charge 2-Wire Analog Zone 2 (Suburban)		U6LAU	2
13MR-SL	TX	SUB-LOOPS	Terminal to NID subloop charge 2-Wire Analog Zone 3 (Urban)		U6LAU	3
13MR-SL	TX	SUB-LOOPS	ECS to SAI subloop charge 4-Wire Analog Zone 1 (Rural)		U6LEP	1
13MR-SL	TX	SUB-LOOPS	ECS to SAI subloop charge 4-Wire Analog Zone 2 (Suburban)		U6LEP	2

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13MR-SL	TX	SUB-LOOPS	ECS to SAI subloop charge 4-Wire Analog Zone 3 (Urban)		U6LEP	3
13MR-SL	TX	SUB-LOOPS	ECS to Terminal subloop charge 4-Wire Analog Zone 1 (Rural)		U6LEQ	1
13MR-SL	TX	SUB-LOOPS	ECS to Terminal subloop charge 4-Wire Analog Zone 2 (Suburban)		U6LEQ	2
13MR-SL	TX	SUB-LOOPS	ECS to Terminal subloop charge 4-Wire Analog Zone 3 (Urban)		U6LEQ	3
13MR-SL	TX	SUB-LOOPS	ECS to NID subloop charge 4-Wire Analog Zone 1 (Rural)		U6LER	1
13MR-SL	TX	SUB-LOOPS	ECS to NID subloop charge 4-Wire Analog Zone 2 (Suburban)		U6LER	2
13MR-SL	TX	SUB-LOOPS	ECS to NID subloop charge 4-Wire-Analog Zone 3 (Urban)		U6LER	3
13MR-SL	TX	SUB-LOOPS	SAI to Terminal subloop charge 4-Wire Analog Zone 1 (Rural)		U6LES	1
13MR-SL	TX	SUB-LOOPS	SAI to Terminal subloop charge 4-Wire Analog Zone 2 (Suburban)		U6LES	2
13MR-SL	TX	SUB-LOOPS	SAI to Terminal subloop charge 4-Wire Analog Zone 3 (Urban)		U6LES	3
13MR-SL	TX	SUB-LOOPS	SAI to NID subloop charge 4-Wire Analog Zone 1 (Rural)		U6LET	1
13MR-SL	TX	SUB-LOOPS	SAI to NID subloop charge 4-Wire Analog Zone 2 (Suburban)		U6LET	2
13MR-SL	TX	SUB-LOOPS	SAI to NID subloop charge 4-Wire Analog Zone 3 (Urban)		U6LET	3
13MR-SL	TX	SUB-LOOPS	Terminal to NID subloop charge 4-Wire Analog Zone 1 (Rural)		U6LEU	1
13MR-SL	TX	SUB-LOOPS	Terminal to NID subloop charge 4-Wire Analog Zone 2 (Suburban)		U6LEU	2
13MR-SL	TX	SUB-LOOPS	Terminal to NID subloop charge 4-Wire Analog Zone 3 (Urban)		U6LEU	3
13MR-SL	TX	SUB-LOOPS	ECS to SAI subloop charge 2-Wire DSL Zone 1 (Rural)		U6LCP	1
13MR-SL	TX	SUB-LOOPS	ECS to SAI subloop charge 2-Wire DSL Zone 2 (Suburban)		U6LCP	2
13MR-SL	TX	SUB-LOOPS	ECS to SAI subloop charge 2-Wire DSL Zone 3 (Urban)		U6LCP	3

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13MR-SL	TX	SUB-LOOPS	ECS to Terminal subloop charge 2-Wire DSL Zone 1 (Rural)		U6LCQ	1
13MR-SL	TX	SUB-LOOPS	ECS to Terminal subloop charge 2-Wire DSL Zone 2 (Suburban)		U6LCQ	2
13MR-SL	TX	SUB-LOOPS	ECS to Terminal subloop charge 2-Wire DSL Zone 3 (Urban)		U6LCQ	3
13MR-SL	TX	SUB-LOOPS	ECS to NID subloop charge 2-Wire DSL Zone 1 (Rural)		U6LCR	1
13MR-SL	TX	SUB-LOOPS	ECS to NID subloop charge 2-Wire DSL Zone 2 (Suburban)		U6LCR	2
13MR-SL	TX	SUB-LOOPS	ECS to NID subloop charge 2-Wire-DSL Zone 3 (Urban)		U6LCR	3
13MR-SL	TX	SUB-LOOPS	SAI to Terminal subloop charge 2-Wire DSL Zone 1 (Rural)		U6LCS	1
13MR-SL	TX	SUB-LOOPS	SAI to Terminal subloop charge 2-Wire DSL Zone 2 (Suburban)		U6LCS	2
13MR-SL	TX	SUB-LOOPS	SAI to Terminal subloop charge 2-Wire DSL Zone 3 (Urban)		U6LCS	3
13MR-SL	TX	SUB-LOOPS	SAI to NID subloop charge 2-Wire DSL Zone 1 (Rural)		U6LCT	1
13MR-SL	TX	SUB-LOOPS	SAI to NID subloop charge 2-Wire DSL Zone 2 (Suburban)		U6LCT	2
13MR-SL	TX	SUB-LOOPS	SAI to NID subloop charge 2-Wire DSL Zone 3 (Urban)		U6LCT	3
13MR-SL	TX	SUB-LOOPS	Terminal to NID subloop charge 2-Wire DSL Zone 1 (Rural)		U6LCU	1
13MR-SL	TX	SUB-LOOPS	Terminal to NID subloop charge 2-Wire DSL Zone 2 (Suburban)		U6LCU	2
13MR-SL	TX	SUB-LOOPS	Terminal to NID subloop charge 2-Wire DSL Zone 3 (Urban)		U6LCU	3
13MR-SL	TX	SUB-LOOPS	ECS to SAI subloop charge 4-Wire DSL Zone 1 (Rural)		U6LGP	1
13MR-SL	TX	SUB-LOOPS	ECS to SAI subloop charge 4-Wire DSL Zone 2 (Suburban)		U6LGP	2
13MR-SL	TX	SUB-LOOPS	ECS to SAI subloop charge 4-Wire DSL Zone 3 (Urban)		U6LGP	3
13MR-SL	TX	SUB-LOOPS	ECS to Terminal subloop charge 4-Wire DSL Zone 1 (Rural)		U6LGQ	1
13MR-SL	TX	SUB-LOOPS	ECS to Terminal subloop charge 4-Wire DSL Zone 2 (Suburban)		U6LGQ	2

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13MR-SL	TX	SUB-LOOPS	ECS to Terminal subloop charge 4-Wire DSL Zone 3 (Urban)		U6LGQ	3
13MR-SL	TX	SUB-LOOPS	ECS to NID subloop charge 4-Wire DSL Zone 1 (Rural)		U6LGR	1
13MR-SL	TX	SUB-LOOPS	ECS to NID subloop charge 4-Wire DSL Zone 2 (Suburban)		U6LGR	2
13MR-SL	TX	SUB-LOOPS	ECS to NID subloop charge 4-Wire DSL Zone 3 (Urban)		U6LGR	3
13MR-SL	TX	SUB-LOOPS	SAI to Terminal subloop charge 4-Wire DSL Zone 1 (Rural)		U6LGS	1
13MR-SL	TX	SUB-LOOPS	SAI to Terminal subloop charge 4-Wire DSL Zone 2 (Suburban)		U6LGS	2
13MR-SL	TX	SUB-LOOPS	SAI to Terminal subloop charge 4-Wire DSL Zone 3 (Urban)		U6LGS	3
13MR-SL	TX	SUB-LOOPS	SAI to NID subloop charge 4-Wire DSL Zone 1 (Rural)		U6LGT	1
13MR-SL	TX	SUB-LOOPS	SAI to NID subloop charge 4-Wire DSL Zone 2 (Suburban)		U6LGT	2
13MR-SL	TX	SUB-LOOPS	SAI to NID subloop charge 4-Wire DSL Zone 3 (Urban)		U6LGT	3
13MR-SL	TX	SUB-LOOPS	Terminal to NID subloop charge 4-Wire DSL Zone 1 (Rural)		U6LGU	1
13MR-SL	TX	SUB-LOOPS	Terminal to NID subloop charge 4-Wire DSL Zone 2 (Suburban)		U6LGU	2
13MR-SL	TX	SUB-LOOPS	Terminal to NID subloop charge 4-Wire DSL Zone 3 (Urban)		U6LGU	3
13MR-SL	TX	SUB-LOOPS	Subloop Cross Connect 2-Wire Analog Non-Central Office Originating		UKCV2	
13MR-SL	TX	SUB-LOOPS	Subloop Cross Connect 4-Wire Analog Non-Central Office Originating		UKCV4	
13MR-SL	TX	SUB-LOOPS	Subloop Cross Connect 2-Wire DSL Non-Central Office Originating		UKCZ2	
13MR-SL	TX	SUB-LOOPS	Subloop Cross Connect 4-Wire DSL Non-Central Office Originating		UKCZ4	
13	TX	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, First Mile - Zone 1 (Rural)		ULNHS	1
13	TX	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, First Mile - Zone 2 (Suburban)		ULNHS	2
13	TX	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, First Mile - Zone 3 (Urban)		ULNHS	3

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	TX	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, First Mile - Interzone		ULNHS	I
13	TX	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, First Mile - Disconnect		NKCT8	
13	TX	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile - Zone 1 (Rural)		ULNHS	1
13	TX	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile - Zone 2 (Suburban)		ULNHS	2
13	TX	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile - Zone 3 (Urban)		ULNHS	3
13	TX	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile - Interzone		ULNHS	I
13	TX	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, First Mile - Zone 1 (Rural)		ULNJS	1
13	TX	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, First Mile - Zone 2 (Suburban)		ULNJS	2
13	TX	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, First Mile - Zone 3 (Urban)		ULNJS	3
13	TX	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, First Mile - Interzone		ULNJS	I
13	TX	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, First Mile - Disconnect		NKCT9	
13	TX	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile - Zone 1 (Rural)		ULNJS	1
13	TX	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile - Zone 2 (Suburban)		ULNJS	2
13	TX	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile - Zone 3 (Urban)		ULNJS	3
13	TX	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile - Interzone		ULNJS	I
13	TX	UNBUNDLED DEDICATED TRANSPORT	DS1 Cross Connect to Collocation	UBNTX	UCXHX	
13	TX	UNBUNDLED DEDICATED TRANSPORT	DS3 Cross Connect to Collocation		UCXJX	
13	TX	UNBUNDLED DEDICATED TRANSPORT	Multiplexing - DS1 to VG		UM4BX	
13	TX	UNBUNDLED DEDICATED TRANSPORT	Multiplexing - DS1 to VG - Disconnect		NKCTC	
13	TX	UNBUNDLED DEDICATED TRANSPORT	Multiplexing - DS3 to DS1		UM4AX	
13	TX	UNBUNDLED DEDICATED TRANSPORT	Multiplexing - DS3 to DS1 - Disconnect		NKCT6	
13	TX	UNBUNDLED DEDICATED TRANSPORT	Dark Fiber -Interoffice per strand		ULYCX	
13	TX	UNBUNDLED DEDICATED TRANSPORT	Dark Fiber - Interoffice per foot Zone 1 (Rural)		ULNCF	1
13	TX	UNBUNDLED DEDICATED TRANSPORT	Dark Fiber - Interoffice per foot Zone 2 (Suburban)		ULNCF	2
13	TX	UNBUNDLED DEDICATED TRANSPORT	Dark Fiber - Interoffice per foot Zone 3 (Urban)		ULNCF	3
13	TX	UNBUNDLED DEDICATED TRANSPORT	Dark Fiber Cross Connect - Interoffice		UKCJX	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	TX	UNBUNDLED DEDICATED TRANSPORT	Dark Fiber - Interoffice Inquiry		NR9D6	
13	TX	UNBUNDLED EXCHANGE ACCESS LOOP	Routine Modifications of Existing Facilities Charge		(N3RUE)	
7	TX	OPERATIONS SUPPORT SYSTEMS (OSS)	800 Database - Toll Free Database Query			
7	TX	OPERATIONS SUPPORT SYSTEMS (OSS)	800 Database - Call Handling and Destination			
7	TX	OPERATIONS SUPPORT SYSTEMS (OSS)	Service Order Charge - Manual New - Simple		NRBUQ	
7	TX	OPERATIONS SUPPORT SYSTEMS (OSS)	Service Order Charge - Manual Change - Simple		NRBUO	
7	TX	OPERATIONS SUPPORT SYSTEMS (OSS)	Service Order Charge - Manual Record - Simple		NRBUU	
7	TX	OPERATIONS SUPPORT SYSTEMS (OSS)	Service Order Charge - Manual Disconnect - Simple		NRBUW	
7	TX	OPERATIONS SUPPORT SYSTEMS (OSS)	Service Order Charge - Manual Expedited - Simple		NRMV1	
7	TX	OPERATIONS SUPPORT SYSTEMS (OSS)	Service Order Charge - Manual Customer Not Ready - Simple		NRMV5	
7	TX	OPERATIONS SUPPORT SYSTEMS (OSS)	Service Order Charge - Manual Due Date Change or Cancellation - Simple		NRMV3	
7	TX	OPERATIONS SUPPORT SYSTEMS (OSS)	Service Order Charge - Electronic New - Simple		NR9W2	
7	TX	OPERATIONS SUPPORT SYSTEMS (OSS)	Service Order Charge - Electronic Change - Simple		NR9GG	
7	TX	OPERATIONS SUPPORT SYSTEMS (OSS)	Service Order Charge - Electronic Record - Simple		NR9GU	
7	TX	OPERATIONS SUPPORT SYSTEMS (OSS)	Service Order Charge - Electronic Disconnect - Simple		NR9GZ	
7	TX	OPERATIONS SUPPORT SYSTEMS (OSS)	Service Order Charge - Electronic Expedited Simple		NRMV7	
7	TX	OPERATIONS SUPPORT SYSTEMS (OSS)	Service Order Charge - Electronic Customer Not Ready Simple		NRMV9	
7	TX	OPERATIONS SUPPORT SYSTEMS (OSS)	Service Order Charge - Electronic Due Date Change or Cancellation Simple		NRMV8	
7	TX	OPERATIONS SUPPORT SYSTEMS (OSS)	PIC Change Charge		NRBL9	
13	TX	UNBUNDLED EXCHANGE ACCESS LOOP	Service Order Charge - Manual New - Complex		NRBUR	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	TX	UNBUNDLED EXCHANGE ACCESS LOOP	Service Order Charge - Manual Change - Complex		NRBUP	
13	TX	UNBUNDLED EXCHANGE ACCESS LOOP	Service Order Charge - Manual Record - Complex		NRBUV	
13	TX	UNBUNDLED EXCHANGE ACCESS LOOP	Service Order Charge - Manual Disconnect - Complex		NRBUX	
13	TX	UNBUNDLED EXCHANGE ACCESS LOOP	Service Order Charge - Manual Expedited - Complex		NRMV2	
13	TX	UNBUNDLED EXCHANGE ACCESS LOOP	Service Order Charge - Manual Customer Not Ready - Complex		NRMV6	
13	TX	UNBUNDLED EXCHANGE ACCESS LOOP	Service Order Charge - Manual Due Date Change or Cancellation - Complex		NRMV4	
13	TX	UNBUNDLED EXCHANGE ACCESS LOOP	Service Order Charge - Electronic New - Complex		NRBGX	
13	TX	UNBUNDLED EXCHANGE ACCESS LOOP	Service Order Charge - Electronic Change - Complex		NR9G8	
13	TX	UNBUNDLED EXCHANGE ACCESS LOOP	Service Order Charge - Electronic Record - Complex		NR9G7	
13	TX	UNBUNDLED EXCHANGE ACCESS LOOP	Service Order Charge - Electronic Disconnect - Complex		NR9G9	
13	TX	UNBUNDLED EXCHANGE ACCESS LOOP	Service Order Charge - Electronic Expedited Complex		NRMVX	
13	TX	UNBUNDLED EXCHANGE ACCESS LOOP	Service Order Charge - Electronic Customer Not Ready - Complex		NRMVY	
13	TX	UNBUNDLED EXCHANGE ACCESS LOOP	Service Order Charge - Electronic Due Date Change or Cancellation Complex		NRMVZ	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	WI	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog - Rural (Access Area C)	MUJ++, UOB++, UOR++, EE7JX	U2HXC	C
13	WI	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog - Suburban (Access Area B)	MUJ++, UOB++, UOR++, EE7JX	U2HXB	B
13	WI	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog - Metro (Access Area A)	MUJ++, UOB++, UOR++, EE7JX	U2HXA	A
13	WI	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Ground Start, Analog DID/Reverse Battery - Rural (Access Area C)	MUJ++, UOB++, UOR++, EE7JX	U2WXC	C
13	WI	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Ground Start, Analog DID/Reverse Battery - Suburban (Access Area B)	MUJ++, UOB++, UOR++, EE7JX	U2WXB	B
13	WI	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Ground Start, Analog DID/Reverse Battery - Metro (Access Area A)	MUJ++, UOB++, UOR++, EE7JX	U2WXA	A
13	WI	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Ground Start, PBX - Rural (Access Area C)	MUJ++, UOB++, UOR++, EE7JX	U2JXC	C
13	WI	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Ground Start, PBX - Suburban (Access Area B)	MUJ++, UOB++, UOR++, EE7JX	U2JXB	B
13	WI	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Ground Start, PBX - Metro (Access Area A)	MUJ++, UOB++, UOR++, EE7JX	U2JXA	A
13	WI	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire COPTS Coin - Rural (Access Area C)	MUJ++, UOB++, UOR++	U2CXC	C
13	WI	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire COPTS Coin - Suburban (Access Area B)	MUJ++, UOB++, UOR++	U2CXB	B
13	WI	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire COPTS Coin - Metro (Access Area A)	MUJ++, UOB++, UOR++	U2CXA	A
13	WI	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire EKL - Rural (Access Area C)	MUJ++, UOB++, UOR++	U2KXC	C
13	WI	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire EKL - Suburban (Access Area B)	MUJ++, UOB++, UOR++	U2KXB	B
13	WI	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire EKL - Metro (Access Area A)	MUJ++, UOB++, UOR++	U2KXA	A
13	WI	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog - Rural (Access Area C)	MUJ++, UOB++, UOR++, EE7KX	U4HXC	C
13	WI	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog - Suburban (Access Area B)	MUJ++, UOB++, UOR++, EE7KX	U4HXB	B
13	WI	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog - Metro (Access Area A)	MUJ++, UOB++, UOR++, EE7KX	U4HXA	A
13	WI	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Digital - Rural (Access Area C)	MUJ++, UOB++, UOR++, EE7LX	U2QXC	C
13	WI	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Digital - Suburban (Access Area B)	MUJ++, UOB++, UOR++, EE7LX	U2QXB	B
13	WI	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Digital - Metro (Access Area A)	MUJ++, UOB++, UOR++, EE7LX	U2QXA	A
13	WI	UNBUNDLED EXCHANGE ACCESS LOOP	Service Coord. Fee per account, per CO	MUJ++, UOB++, UOR++	UFE	
13	WI	UNBUNDLED EXCHANGE ACCESS LOOP	DS1 Loop - Rural (Access Area C)	MUJ++, UOB++, UOR++, EE7MX	4U1XC	C
13	WI	UNBUNDLED EXCHANGE ACCESS LOOP	DS1 Loop - Suburban (Access Area B)	MUJ++, UOB++, UOR++, EE7MX	4U1XB	B
13	WI	UNBUNDLED EXCHANGE ACCESS LOOP	DS1 Loop - Metro (Access Area A)	MUJ++, UOB++, UOR++, EE7MX	4U1XA	A
13	WI	UNBUNDLED EXCHANGE ACCESS LOOP	DS3 Loop - Rural (Access Area C)	MUJ++, UOB++, UOR++, EE7MX	U4D3C	C
13	WI	UNBUNDLED EXCHANGE ACCESS LOOP	DS3 Loop - Suburban (Access Area B)	MUJ++, UOB++, UOR++, EE7MX	U4D3B	B
13	WI	UNBUNDLED EXCHANGE ACCESS LOOP	DS3 Loop - Metro (Access Area A)	MUJ++, UOB++, UOR++, EE7MX	U4D3A	A

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
14	WI	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #1 - 2-Wire xDSL Loop Access Area C- Rural	MUJ++, UOB++, UOR++	2SLA3	C
14	WI	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #1 - 2-Wire xDSL Loop Access Area B- Suburban	MUJ++, UOB++, UOR++	2SLA2	B
14	WI	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #1 - 2-Wire xDSL Loop Access Area A- Metro	MUJ++, UOB++, UOR++	2SLA1	A
14	WI	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #2 - 2-Wire xDSL Loop Access Area C- Rural	MUJ++, UOB++, UOR++	2SLC3	C
14	WI	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #2 - 2-Wire xDSL Loop Access Area B- Suburban	MUJ++, UOB++, UOR++	2SLC2	B
14	WI	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #2 - 2-Wire xDSL Loop Access Area A- Metro	MUJ++, UOB++, UOR++	2SLC1	A
14	WI	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #3 - 2-Wire xDSL Loop Access Area C- Rural	MUJ++, UOB++, UOR++	2SLB3	C
14	WI	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #3 - 2-Wire xDSL Loop Access Area B- Suburban	MUJ++, UOB++, UOR++	2SLB2	B
14	WI	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #3 - 2-Wire xDSL Loop Access Area A- Metro	MUJ++, UOB++, UOR++	2SLB1	A
14	WI	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #4 - 2-Wire xDSL Loop Access Area C- Rural	MUJ++, UOB++, UOR++	2SLD3	C
14	WI	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #4 - 2-Wire xDSL Loop Access Area B- Suburban	MUJ++, UOB++, UOR++	2SLD2	B
14	WI	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #4 - 2-Wire xDSL Loop Access Area A- Metro	MUJ++, UOB++, UOR++	2SLD1	A
14	WI	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #5 - 2-Wire xDSL Loop Access Area C- Rural	MUJ++, UOB++, UOR++	UWRA3	C
14	WI	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #5 - 2-Wire xDSL Loop Access Area B- Suburban	MUJ++, UOB++, UOR++	UWRA2	B
14	WI	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #5 - 2-Wire xDSL Loop Access Area A- Metro	MUJ++, UOB++, UOR++	UWRA1	A
14	WI	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #7 - 2-Wire xDSL Loop Access Area C- Rural	MUJ++, UOB++, UOR++	2SLF3	C
14	WI	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #7 - 2-Wire xDSL Loop Access Area B- Suburban	MUJ++, UOB++, UOR++	2SLF2	B
14	WI	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #7 - 2-Wire xDSL Loop Access Area A- Metro	MUJ++, UOB++, UOR++	2SLF1	A
14	WI	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #3 - 4-Wire xDSL Loop Access Area C- Rural	MUJ++, UOB++, UOR++	4SL13	C
14	WI	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #3 - 4-Wire xDSL Loop Access Area B- Suburban	MUJ++, UOB++, UOR++	4SL12	B
14	WI	UNBUNDLED EXCHANGE ACCESS LOOP	PSD #3 - 4-Wire xDSL Loop Access Area A- Metro	MUJ++, UOB++, UOR++	4SL11	A
13	WI	UNBUNDLED EXCHANGE ACCESS LOOP	IDSL Loop Access Area C - Rural	MUJ++, UOB++, UOR++	UY5FC	C
13	WI	UNBUNDLED EXCHANGE ACCESS LOOP	IDSL Loop Access Area B - Suburban	MUJ++, UOB++, UOR++	UY5FB	B
13	WI	UNBUNDLED EXCHANGE ACCESS LOOP	IDSL Loop Access Area A - Metro	MUJ++, UOB++, UOR++	UY5FA	A
14	WI	LOOP MAKE-UP	Loop Qualification Process - Mechanized	MUJ++, UOB++, UOR++	NR98U	
14	WI	LOOP MAKE-UP	Loop Qualification Process - Manual	MUJ++, UOB++, UOR++	NRBXU	
14	WI	LOOP MODIFICATION	DSL Conditioning Options - >12KFT and < 17.5KFT Removal of Repeater Options	MUJ++, UOB++, UOR++	NRBXV	
14	WI	LOOP MODIFICATION	DSL Conditioning Options - >12KFT and < 17.5KFT Removal Bridged Tap Option	MUJ++, UOB++, UOR++	NRBXW	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
14	WI	LOOP MODIFICATION	DSL Conditioning Options - >12KFT and < 17.5KFT Removal of Load Coil	MUJ++, UOB++, UOR++	NRBXZ	
14	WI	LOOP MODIFICATION	DSL Conditioning Options - >17.5KFT in addition to the rates for > 12KFT and < 17.5KFT Removal of Repeater Options	MUJ++, UOB++, UOR++	NRBNL	
14	WI	LOOP MODIFICATION	DSL Conditioning Options - >17.5KFT in addition to the rates for > 12KFT and < 17.5KFT Removal Bridged Tap Option	MUJ++, UOB++, UOR++	NRBNK	
14	WI	LOOP MODIFICATION	DSL Conditioning Options - >17.5KFT in addition to the rates for > 12KFT and < 17.5KFT Removal of Load Coil	MUJ++, UOB++, UOR++	NRBNJ	
14	WI	LOOP MODIFICATION	Removal of All or NON-Excessive Bridged Tap (RABT) - MMP* Removal of non-excessive bridged tap DSL loops >0Kft. And <17.5Kft.	MUJ++, UOB++, UOR++	NRMRJ	
14	WI	LOOP MODIFICATION	Removal of All or NON-Excessive Bridged Tap (RABT) - MMP* Removal of All Bridged Tap DSL Loops 12Kft. To 17.5Kft.	MUJ++, UOB++, UOR++	NRMRP	
14	WI	LOOP MODIFICATION	Removal of All or NON-Excessive Bridged Tap (RABT) - MMP* Removal of non-excessive bridged tap DSL loops >17.5Kft DSL Loops - per element incremental	MUJ++, UOB++, UOR++	NRMRS	
14	WI	LOOP MODIFICATION	Removal of All or NON-Excessive Bridged Tap (RABT) - MMP* Removal of All Bridged Tap DSL loops >17.5Kft. - per element incremental	MUJ++, UOB++, UOR++	NRMRM	
13	WI	UNBUNDLED EXCHANGE ACCESS LOOP	Loop Non-Recurring Charges Bus Service Order - Establish	MUJ++, UOB++, UOR++, EE7JX, EE7LX, EE7KX	SEPUP	
13	WI	UNBUNDLED EXCHANGE ACCESS LOOP	Loop Non-Recurring Charges Bus Service Order - Establish - Disconnect	MUJ++, UOB++, UOR++, EE7JX, EE7KX	NR9OE	
13	WI	UNBUNDLED EXCHANGE ACCESS LOOP	Loop Non-Recurring Charges Bus Service Order - Add/Change	MUJ++, UOB++, UOR++, EE7JX, EE7LX, EE7KX	REAH9	
13	WI	UNBUNDLED EXCHANGE ACCESS LOOP	Loop Non-Recurring Charges Bus Line Connection - Stand alone UNE loop	MUJ++, UOB++, UOR++, EE7JX, EE7LX, EE7KX	SEPUC	
13	WI	UNBUNDLED EXCHANGE ACCESS LOOP	Loop Non-Recurring Charges Bus Line Connection - Stand alone UNE loop - Disconnect	MUJ++, UOB++, UOR++, EE7JX, EE7KX	NR9OG	
13	WI	UNBUNDLED EXCHANGE ACCESS LOOP	Loop Non-Recurring Charges Bus Line Connection Add/Change		REAH5	
13	WI	UNBUNDLED EXCHANGE ACCESS LOOP	Loop Non-Recurring Charges Bus Record Work Only		NR9UP	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	WI	UNBUNDLED EXCHANGE ACCESS LOOP	Loop Non-Recurring Charges Res Service Order - Establish	MUJ++, UOB++, UOR++, EE7JX, EE7LX, EE7KX	SEPUP	
13	WI	UNBUNDLED EXCHANGE ACCESS LOOP	Loop Non-Recurring Charges Res Service Order - Establish - Disconnect	MUJ++, UOB++, UOR++, EE7JX, EE7KX	NR9OE	
13	WI	UNBUNDLED EXCHANGE ACCESS LOOP	Loop Non-Recurring Charges Res Service Order - Add/Change	MUJ++, UOB++, UOR++, EE7JX, EE7LX, EE7KX	REAH9	
13	WI	UNBUNDLED EXCHANGE ACCESS LOOP	Loop Non-Recurring Charges Res Line Connection	MUJ++, UOB++, UOR++, EE7JX, EE7LX, EE7KX	SEPUC	
13	WI	UNBUNDLED EXCHANGE ACCESS LOOP	Loop Non-Recurring Charges Res Line Connection - Disconnect	MUJ++, UOB++, UOR++, EE7JX, EE7KX	NR9OG	
13	WI	UNBUNDLED EXCHANGE ACCESS LOOP	Loop Non-Recurring Charges Res Line Connection Add/Change		REAH5	
13	WI	UNBUNDLED EXCHANGE ACCESS LOOP	Loop Non-Recurring Charges Res Record Work Only		NR9UP	
13	WI	UNBUNDLED EXCHANGE ACCESS LOOP	Service Order - Line Connection Establish - Interim Rate per Second Interim Order - 2 Wire digital Disconnect	MUJ++, UOB++, UOR++, EE7LX	NKCQM	
13	WI	UNBUNDLED EXCHANGE ACCESS LOOP	Service Order - Line Connection per termination - DSO/Digital Disconnect	MUJ++, UOB++, UOR++, EE7LX	NKCQN	
13	WI	UNBUNDLED EXCHANGE ACCESS LOOP	DS1 Loop Non-Recurring Charges Administrative Charge - per order	MUJ++, UOB++, UOR++, EE7MX	NR9OR	
13	WI	UNBUNDLED EXCHANGE ACCESS LOOP	DS1 Loop Non-Recurring Charges Administrative Charge - per order - Disconnect	MUJ++, UOB++, UOR++, EE7MX	NR9OT	
13	WI	UNBUNDLED EXCHANGE ACCESS LOOP	DS1 Loop Non-Recurring Charges Design & Central Office Connection Charge-per circuit	MUJ++, UOB++, UOR++, EE7MX	NR9OU	
13	WI	UNBUNDLED EXCHANGE ACCESS LOOP	DS1 Loop Non-Recurring Charges Design & Central Office Connection Charge-per circuit - Disconnect	MUJ++, UOB++, UOR++, EE7MX	NR9OV	
13	WI	UNBUNDLED EXCHANGE ACCESS LOOP	DS1 Loop Non-Recurring Charges Customer Connection Charge per Termination	MUJ++, UOB++, UOR++, EE7MX	NR9OW	
13	WI	UNBUNDLED EXCHANGE ACCESS LOOP	DS3 Loop Non-Recurring Charges Administrative Charge - per order	MUJ++, UOB++, UOR++, EE7MX	NR9OY	
13	WI	UNBUNDLED EXCHANGE ACCESS LOOP	DS3 Loop Non-Recurring Charges Administrative Charge - Disconnect Order	MUJ++, UOB++, UOR++, EE7MX	NR9OZ	
13	WI	UNBUNDLED EXCHANGE ACCESS LOOP	DS3 Loop Non-Recurring Charges Design & Central Office Connection Charge, per circuit	MUJ++, UOB++, UOR++, EE7MX	NR9O1	
13	WI	UNBUNDLED EXCHANGE ACCESS LOOP	DS3 Loop Non-Recurring Charges Design & Central Office Connection Charge, per circuit - Disconnect	MUJ++, UOB++, UOR++, EE7MX	NR9O2	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	WI	UNBUNDLED EXCHANGE ACCESS LOOP	DS3 Loop Non-Recurring Charges Customer Connection Charge per Termination	MUJ++, UOB++, UOR++, EE7MX	NR9O3	
13MR-SL	WI	SUB-LOOPS	ECS to SAI sub-loop 2 Wire Analog - area A	XHG++, XGG++	U7SPA	A
13MR-SL	WI	SUB-LOOPS	ECS to SAI sub-loop 2 Wire Analog - area B	XHG++, XGG++	U7SPB	B
13MR-SL	WI	SUB-LOOPS	ECS to SAI sub-loop 2 Wire Analog - area C	XHG++, XGG++	U7SPC	C
13MR-SL	WI	SUB-LOOPS	ECS to SAI sub-loop 4 Wire Analog - area A	XHK++,XGK++	U7SPA	A
13MR-SL	WI	SUB-LOOPS	ECS to SAI sub-loop 4 Wire Analog - area B	XHK++,XGK++	U7SPB	B
13MR-SL	WI	SUB-LOOPS	ECS to SAI sub-loop 4 Wire Analog - area C	XHK++,XGK++	U7SPC	C
13MR-SL	WI	SUB-LOOPS	ECS to SAI sub-loop 2 Wire DSL Compatible - area A	XHW++, XGW++	U7SPA	A
13MR-SL	WI	SUB-LOOPS	ECS to SAI sub-loop 2 Wire DSL Compatible - area B	XHW++, XGW++	U7SPB	B
13MR-SL	WI	SUB-LOOPS	ECS to SAI sub-loop 2 Wire DSL Compatible - area C	XHW++, XGW++	U7SPC	C
13MR-SL	WI	SUB-LOOPS	ECS to SAI sub-loop 4 Wire DSL Compatible - area A	XHY++, XGY++	U7SPA	A
13MR-SL	WI	SUB-LOOPS	ECS to SAI sub-loop 4 Wire DSL Compatible - area B	XHY++, XGY++	U7SPB	B
13MR-SL	WI	SUB-LOOPS	ECS to SAI sub-loop 4 Wire DSL Compatible - area C	XHY++, XGY++	U7SPC	C
13MR-SL	WI	SUB-LOOPS	ECS to Terminal sub-loop 2 Wire Analog - area A	XHG++, XGG++	U7SQA	A
13MR-SL	WI	SUB-LOOPS	ECS to Terminal sub-loop 2 Wire Analog - area B	XHG++, XGG++	U7SQB	B
13MR-SL	WI	SUB-LOOPS	ECS to Terminal sub-loop 2 Wire Analog - area C	XHG++, XGG++	U7SQC	C
13MR-SL	WI	SUB-LOOPS	ECS to Terminal sub-loop 4 Wire Analog - area A	XHK++,XGK++	U7SQA	A
13MR-SL	WI	SUB-LOOPS	ECS to Terminal sub-loop 4 Wire Analog - area B	XHK++,XGK++	U7SQB	B
13MR-SL	WI	SUB-LOOPS	ECS to Terminal sub-loop 4 Wire Analog - area C	XHK++,XGK++	U7SQC	C
13MR-SL	WI	SUB-LOOPS	ECS to Terminal sub-loop 2 Wire DSL Compatible - area A	XHW++, XGW++	U7SQA	A
13MR-SL	WI	SUB-LOOPS	ECS to Terminal sub-loop 2 Wire DSL Compatible - area B	XHW++, XGW++	U7SQB	B
13MR-SL	WI	SUB-LOOPS	ECS to Terminal sub-loop 2 Wire DSL Compatible - area C	XHW++, XGW++	U7SQC	C
13MR-SL	WI	SUB-LOOPS	ECS to Terminal sub-loop 4 Wire DSL Compatible - area A	XHY++, XGY++	U7SQA	A
13MR-SL	WI	SUB-LOOPS	ECS to Terminal sub-loop 4 Wire DSL Compatible - area B	XHY++, XGY++	U7SQB	B
13MR-SL	WI	SUB-LOOPS	ECS to Terminal sub-loop 4 Wire DSL Compatible - area C	XHY++, XGY++	U7SQC	C
13MR-SL	WI	SUB-LOOPS	ECS to NID sub-loop 2 Wire Analog - area A	XHG++, XGG++	U7SRA	A
13MR-SL	WI	SUB-LOOPS	ECS to NID sub-loop 2 Wire Analog - area B	XHG++, XGG++	U7SRB	B
13MR-SL	WI	SUB-LOOPS	ECS to NID sub-loop 2 Wire Analog - area C	XHG++, XGG++	U7SRC	C
13MR-SL	WI	SUB-LOOPS	ECS to NID sub-loop 4 Wire Analog - area A	XHK++,XGK++	U7SRA	A
13MR-SL	WI	SUB-LOOPS	ECS to NID sub-loop 4 Wire Analog - area B	XHK++,XGK++	U7SRB	B

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13MR-SL	WI	SUB-LOOPS	ECS to NID sub-loop 4 Wire Analog - area C	XHK++,XGK++	U7SRC	C
13MR-SL	WI	SUB-LOOPS	ECS to NID sub-loop 2 Wire DSL Compatible - area A	XHW++, XGW++	U7SRA	A
13MR-SL	WI	SUB-LOOPS	ECS to NID sub-loop 2 Wire DSL Compatible - area B	XHW++, XGW++	U7SRB	B
13MR-SL	WI	SUB-LOOPS	ECS to NID sub-loop 2 Wire DSL Compatible - area C	XHW++, XGW++	U7SRC	C
13MR-SL	WI	SUB-LOOPS	ECS to NID sub-loop 4 Wire DSL Compatible - area A	XHY++, XGY++	U7SRA	A
13MR-SL	WI	SUB-LOOPS	ECS to NID sub-loop 4 Wire DSL Compatible - area B	XHY++, XGY++	U7SRB	B
13MR-SL	WI	SUB-LOOPS	ECS to NID sub-loop 4 Wire DSL Compatible - area C	XHY++, XGY++	U7SRC	C
13MR-SL	WI	SUB-LOOPS	SAI to Terminal sub-loop 2 Wire Analog - area A	XHG++, XGG++	U7SSA	A
13MR-SL	WI	SUB-LOOPS	SAI to Terminal sub-loop 2 Wire Analog - area B	XHG++, XGG++	U7SSB	B
13MR-SL	WI	SUB-LOOPS	SAI to Terminal sub-loop 2 Wire Analog - area C	XHG++, XGG++	U7SSC	C
13MR-SL	WI	SUB-LOOPS	SAI to Terminal sub-loop 4 Wire Analog - area A	XHK++,XGK++	U7SSA	A
13MR-SL	WI	SUB-LOOPS	SAI to Terminal sub-loop 4 Wire Analog - area B	XHK++,XGK++	U7SSB	B
13MR-SL	WI	SUB-LOOPS	SAI to Terminal sub-loop 4 Wire Analog - area C	XHK++,XGK++	U7SSC	C
13MR-SL	WI	SUB-LOOPS	SAI to Terminal sub-loop 2 Wire DSL Compatible - area A	XHW++, XGW++	U7SSA	A
13MR-SL	WI	SUB-LOOPS	SAI to Terminal sub-loop 2 Wire DSL Compatible - area B	XHW++, XGW++	U7SSB	B
13MR-SL	WI	SUB-LOOPS	SAI to Terminal sub-loop 2 Wire DSL Compatible - area C	XHW++, XGW++	U7SSC	C
13MR-SL	WI	SUB-LOOPS	SAI to Terminal sub-loop 4 Wire DSL Compatible - area A	XHY++, XGY++	U7SSA	A
13MR-SL	WI	SUB-LOOPS	SAI to Terminal sub-loop 4 Wire DSL Compatible - area B	XHY++, XGY++	U7SSB	B
13MR-SL	WI	SUB-LOOPS	SAI to Terminal sub-loop 4 Wire DSL Compatible - area C	XHY++, XGY++	U7SSC	C
13MR-SL	WI	SUB-LOOPS	SAI to NID sub-loop 2 Wire Analog - area A	XHG++, XGG++	U7STA	A
13MR-SL	WI	SUB-LOOPS	SAI to NID sub-loop 2 Wire Analog - area B	XHG++, XGG++	U7STB	B
13MR-SL	WI	SUB-LOOPS	SAI to NID sub-loop 2 Wire Analog - area C	XHG++, XGG++	U7STC	C
13MR-SL	WI	SUB-LOOPS	SAI to NID sub-loop 4 Wire Analog - area A	XHK++,XGK++	U7STA	A
13MR-SL	WI	SUB-LOOPS	SAI to NID sub-loop 4 Wire Analog - area B	XHK++,XGK++	U7STB	B
13MR-SL	WI	SUB-LOOPS	SAI to NID sub-loop 4 Wire Analog - area C	XHK++,XGK++	U7STC	C
13MR-SL	WI	SUB-LOOPS	SAI to NID sub-loop 2 Wire DSL Compatible - area A	XHW++, XGW++	U7STA	A
13MR-SL	WI	SUB-LOOPS	SAI to NID sub-loop 2 Wire DSL Compatible - area B	XHW++, XGW++	U7STB	B
13MR-SL	WI	SUB-LOOPS	SAI to NID sub-loop 2 Wire DSL Compatible - area C	XHW++, XGW++	U7STC	C
13MR-SL	WI	SUB-LOOPS	SAI to NID sub-loop 4 Wire DSL Compatible - area A	XHY++, XGY++	U7STA	A
13MR-SL	WI	SUB-LOOPS	SAI to NID sub-loop 4 Wire DSL Compatible - area B	XHY++, XGY++	U7STB	B
13MR-SL	WI	SUB-LOOPS	SAI to NID sub-loop 4 Wire DSL Compatible - area C	XHY++, XGY++	U7STC	C

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13MR-SL	WI	SUB-LOOPS	Terminal to NID sub-loop 2 Wire Analog - area A	XHG++, XGG++	U7SUA	A
13MR-SL	WI	SUB-LOOPS	Terminal to NID sub-loop 2 Wire Analog - area B	XHG++, XGG++	U7SUB	B
13MR-SL	WI	SUB-LOOPS	Terminal to NID sub-loop 2 Wire Analog - area C	XHG++, XGG++	U7SUC	C
13MR-SL	WI	SUB-LOOPS	Terminal to NID sub-loop 4 Wire Analog - area A	XHK++,XGK++	U7SUA	A
13MR-SL	WI	SUB-LOOPS	Terminal to NID sub-loop 4 Wire Analog - area B	XHK++,XGK++	U7SUB	B
13MR-SL	WI	SUB-LOOPS	Terminal to NID sub-loop 4 Wire Analog - area C	XHK++,XGK++	U7SUC	C
13MR-SL	WI	SUB-LOOPS	Terminal to NID sub-loop 2 Wire DSL Compatible - area A	XHW++, XGW++	U7SUA	A
13MR-SL	WI	SUB-LOOPS	Terminal to NID sub-loop 2 Wire DSL Compatible - area B	XHW++, XGW++	U7SUB	B
13MR-SL	WI	SUB-LOOPS	Terminal to NID sub-loop 2 Wire DSL Compatible - area C	XHW++, XGW++	U7SUC	C
13MR-SL	WI	SUB-LOOPS	Terminal to NID sub-loop 4 Wire DSL Compatible - area A	XHY++, XGY++	U7SUA	A
13MR-SL	WI	SUB-LOOPS	Terminal to NID sub-loop 4 Wire DSL Compatible - area B	XHY++, XGY++	U7SUB	B
13MR-SL	WI	SUB-LOOPS	Terminal to NID sub-loop 4 Wire DSL Compatible - area C	XHY++, XGY++	U7SUC	C
13MR-SL	WI	SUB-LOOPS	NID sub-loop element 2 Wire Analog - area A	XHG++, XGG++		A
13MR-SL	WI	SUB-LOOPS	NID sub-loop element 2 Wire Analog - area B	XHG++, XGG++		B
13MR-SL	WI	SUB-LOOPS	NID sub-loop element 2 Wire Analog - area C	XHG++, XGG++		C
13MR-SL	WI	SUB-LOOPS	NID sub-loop element 4 Wire Analog - area A	XHK++,XGK++		A
13MR-SL	WI	SUB-LOOPS	NID sub-loop element 4 Wire Analog - area B	XHK++,XGK++		B
13MR-SL	WI	SUB-LOOPS	NID sub-loop element 4 Wire Analog - area C	XHK++,XGK++		C
13MR-SL	WI	SUB-LOOPS	NID sub-loop element 2 Wire DSL - area A	XHW++, XGW++		A
13MR-SL	WI	SUB-LOOPS	NID sub-loop element 2 Wire DSL - area B	XHW++, XGW++		B
13MR-SL	WI	SUB-LOOPS	NID sub-loop element 2 Wire DSL - area C	XHW++, XGW++		C
13MR-SL	WI	SUB-LOOPS	NID sub-loop element 4 Wire DSL - area A	XHY++, XGY++		A
13MR-SL	WI	SUB-LOOPS	NID sub-loop element 4 Wire DSL - area B	XHY++, XGY++		B
13MR-SL	WI	SUB-LOOPS	NID sub-loop element 4 Wire DSL - area C	XHY++, XGY++		C
13MR-SL	WI	SUB-LOOPS	NID sub-loop element 2 Wire ISDN Compatible - area A	XHQ++, XGQ++		A
13MR-SL	WI	SUB-LOOPS	NID sub-loop element 2 Wire ISDN Compatible - area B	XHQ++, XGQ++		B
13MR-SL	WI	SUB-LOOPS	NID sub-loop element 2 Wire ISDN Compatible - area C	XHQ++, XGQ++		C
13MR-SL	WI	SUB-LOOPS	NID sub-loop element 4 Wire DS1 Compatible - area A	XQ1++		A

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13MR-SL	WI	SUB-LOOPS	NID sub-loop element 4 Wire DS1 Compatible - area B	XQ1++		B
13MR-SL	WI	SUB-LOOPS	NID sub-loop element 4 Wire DS1 Compatible - area C	XQ1++		C
13MR-SL	WI	SUB-LOOPS	NID sub-loop element DS3 compatible subloop - area A	XQ3++		A
13MR-SL	WI	SUB-LOOPS	NID sub-loop element DS3 compatible subloop - area B	XQ3++		B
13MR-SL	WI	SUB-LOOPS	NID sub-loop element DS3 compatible subloop - area C	XQ3++		C
13MR-SL	WI	SUB-LOOPS	Sub-Loop Non-Recurring Charges 2-Wire Analog Sub-Loop	XHG++, XGG++		
13MR-SL	WI	SUB-LOOPS	Sub-Loop Non-Recurring Charges 2-Wire Analog Sub-Loop - Disconnect	XHG++, XGG++		
13MR-SL	WI	SUB-LOOPS	Sub-Loop Non-Recurring Charges 4-Wire Analog Sub-Loop	XHG++, XGG++		
13MR-SL	WI	SUB-LOOPS	Sub-Loop Non-Recurring Charges 4-Wire Analog Sub-Loop - Disconnect	XHG++, XGG++		
13MR-SL	WI	SUB-LOOPS	Sub-Loop Non-Recurring Charges 2-Wire xDSL Digital Sub-Loop	XHW++, XGW++		
13MR-SL	WI	SUB-LOOPS	Sub-Loop Non-Recurring Charges 2-Wire xDSL Digital Sub-Loop - Disconnect	XHW++, XGW++		
13MR-SL	WI	SUB-LOOPS	Sub-Loop Non-Recurring Charges 4-Wire xDSL Digital Sub-Loop	XHY++, XGY++		
13MR-SL	WI	SUB-LOOPS	Sub-Loop Non-Recurring Charges 4-Wire xDSL Digital Sub-Loop - Disconnect	XHY++, XGY++		
13MR-SL	WI	SUB-LOOPS	Sub-Loop Non-Recurring Charges 2-Wire ISDN Digital Sub-Loop	XHQ++, XGQ++		
13MR-SL	WI	SUB-LOOPS	Sub-Loop Non-Recurring Charges 2-Wire ISDN Digital Sub-Loop - Disconnect	XHQ++, XGQ++		
13MR-SL	WI	SUB-LOOPS	Sub-Loop Non-Recurring Charges 4-Wire DS1 Digital Sub-Loop	XQ1++		
13MR-SL	WI	SUB-LOOPS	Sub-Loop Non-Recurring Charges 4-Wire DS1 Digital Sub-Loop - Disconnect	XQ1++		
13MR-SL	WI	SUB-LOOPS	Service Order Charge Establish, per occasion	XHG++, XGG++, XHK++, XGK++, XHW++, XGW++, XHY++, XGY++, XHQ++, XGQ++, XQ1++, XQ3++		

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13MR-SL	WI	SUB-LOOPS	Service Order Charge Establish, per occasion - Disconnect	XHG++, XGG++, XHK++, XGK++, XHW++, XGW++, XHY++, XGY++, XHQ++, XGQ++, XQ1++, XQ3++		
13MR-SL	WI	SUB-LOOPS	Service Order Charge Add or change, per occasion	XHG++, XGG++, XHK++, XGK++, XHW++, XGW++, XHY++, XGY++, XHQ++, XGQ++, XQ1++, XQ3++		
13MR-SL	WI	SUB-LOOPS	Service Order Charge Record Work Only	XHG++, XGG++, XHK++, XGK++, XHW++, XGW++, XHY++, XGY++, XHQ++, XGQ++, XQ1++, XQ3++		
13MR-SL	WI	SUB-LOOPS	Line Connection Charge per occasion	XHG++, XGG++, XHK++, XGK++, XHW++, XGW++, XHY++, XGY++, XHQ++, XGQ++, XQ1++, XQ3++		
13MR-SL	WI	SUB-LOOPS	Line Connection Charge per occasion - Disconnect	XHG++, XGG++, XHK++, XGK++, XHW++, XGW++, XHY++, XGY++, XHQ++, XGQ++, XQ1++, XQ3++		
14	WI	UNBUNDLED EXCHANGE ACCESS LOOP	Line & Station Transfer (LST) performed on CODSLAM Loop	MUJ++, UOB++, UOR++	URCLD	
13MR-SL	WI	UNBUNDLED EXCHANGE ACCESS LOOP	Line & Station Transfer (LST) performed on CODSLAM Loop	MUJ++, UOB++, UOR++	URCLB	
13	WI	UNBUNDLED EXCHANGE ACCESS LOOP	Cross Connects 2-Wire	MUJ++, UOB++, UOR++, EE7JX, EE7LX	CXCT2	
13	WI	UNBUNDLED EXCHANGE ACCESS LOOP	Cross Connects 4-Wire	MUJ++, UOB++, UOR++, EE7KX	CXCT4	
13	WI	UNBUNDLED EXCHANGE ACCESS LOOP	Cross Connects DS1/LT1	MUJ++, UOB++, UOR++, EE7MX	CXCDX	
13	WI	UNBUNDLED EXCHANGE ACCESS LOOP	Cross Connects DS3/LT3	MUJ++, UOB++, UOR++, EE7NX	CXC8X	
13	WI	UNBUNDLED EXCHANGE ACCESS LOOP	Cross Connects DS3 C.O. Cross-Connect to Collocation	MUJ++, UOB++, UOR++, EE7NX	CXCBX	
13	WI	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Interoffice Transport: DS1 Interoffice Mileage Termination - Per Point of Termination - All Zones	UB5++, EE7MX, UK1++	CZ4X1	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	WI	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Interoffice Transport: DS1 Interoffice Mileage Termination - Per Point of Termination - All Zones	UB5++, EE7MX, UK1++	CZ4X2	
13	WI	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Interoffice Transport: DS1 Interoffice Mileage Termination - Per Point of Termination - All Zones	UB5++, EE7MX, UK1++	CZ4X3	
13	WI	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Interoffice Transport: DS1 Interoffice Mileage - Per Mile - All Zones	UB5++, EE7MX, UK1++	1YZX1	
13	WI	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Interoffice Transport: DS1 Interoffice Mileage - Per Mile - All Zones	UB5++, EE7MX, UK1++	1YZX2	
13	WI	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Interoffice Transport: DS1 Interoffice Mileage - Per Mile - All Zones	UB5++, EE7MX, UK1++	1YZX3	
13	WI	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Interoffice Transport: DS3 Interoffice Mileage Termination - Per Point of Termination - All Zones	UB5++, EE7NX, UK3++	CZ4W1	
13	WI	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Interoffice Transport: DS3 Interoffice Mileage Termination - Per Point of Termination - All Zones	UB5++, EE7NX, UK3++	CZ4W2	
13	WI	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Interoffice Transport: DS3 Interoffice Mileage Termination - Per Point of Termination - All Zones	UB5++, EE7NX, UK3++	CZ4W3	
13	WI	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Interoffice Transport: DS3 Interoffice Mileage - Per Mile - All Zones	UB5++, EE7NX, UK3++	1YZB1	
13	WI	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Interoffice Transport: DS3 Interoffice Mileage - Per Mile - All Zones	UB5++, EE7NX, UK3++	1YZB2	
13	WI	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Interoffice Transport: DS3 Interoffice Mileage - Per Mile - All Zones	UB5++, EE7NX, UK3++	1YZB3	
13	WI	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS1 to Voice Grade	UB5++, UK1++	QMVX1	
13	WI	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS1 to Voice Grade	UB5++, UK1++	QMVX2	
13	WI	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS1 to Voice Grade	UB5++, UK1++	QMVX3	
13	WI	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS3 to DS1	UB5++, UK3++	QM3X1	
13	WI	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS3 to DS1	UB5++, UK3++	QM3X2	
13	WI	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS3 to DS1	UB5++, UK3++	QM3X3	
13	WI	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Cross Connects DS1	UB5++, EE7MX, UK1++	CXCX	
13	WI	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Cross Connects DS3	UB5++, EE7NX, UK3++	CXCEX	
13	WI	UNBUNDLED DEDICATED TRANSPORT	Dark Fiber Interoffice Termination (Per Termination per Fiber)		ULYCX	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	WI	UNBUNDLED DEDICATED TRANSPORT	Dark Fiber Interoffice Mileage (Per Fiber per Foot)		ULNCF	
13	WI	UNBUNDLED DEDICATED TRANSPORT	Dark Fiber Interoffice Cross Connect (Per Termination per Fiber)		UKCJX	
13	WI	UNBUNDLED DEDICATED TRANSPORT	Dark Fiber Interoffice Transpor Inquiry (Per Request) - NRC		NR9D6	
13	WI	UNBUNDLED DEDICATED TRANSPORT	Firm Order (Per Fiber Strand) Administrative per Order Connect		NRB51	
13	WI	UNBUNDLED DEDICATED TRANSPORT	Firm Order (Per Fiber Strand) Administrative per Order Disconnect		N49H2	
13	WI	UNBUNDLED DEDICATED TRANSPORT	Dark Fiber Interoffice Transport - NRC Connect		NRB54	
13	WI	UNBUNDLED DEDICATED TRANSPORT	Dark Fiber Interoffice Transport - NRC Disconnect		NR9H5	
13	WI	UNBUNDLED DEDICATED TRANSPORT	Clear Channel Capability - Per 1.544 Mbps Circuit Arranged	UB5++, EE7MX, UK1++	CLYX1	
13	WI	UNBUNDLED DEDICATED TRANSPORT	Clear Channel Capability - Per 1.544 Mbps Circuit Arranged	UB5++, EE7MX, UK1++	CLYX2	
13	WI	UNBUNDLED DEDICATED TRANSPORT	Clear Channel Capability - Per 1.544 Mbps Circuit Arranged	UB5++, EE7MX, UK1++	CLYX3	
13	WI	UNBUNDLED DEDICATED TRANSPORT	Clear Channel Capability - Per 1.544 Mbps Circuit Arranged - Disconnect			
13	WI	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Optional Features & Functions DS1 Administration Charge - Per Order	UB5++, EE7MX, UK1++	ORCMX	
13	WI	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Optional Features & Functions DS1 Administrative Charge - Per Disconnect Order	UB5++, EE7MX, UK1++	TBD	
13	WI	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Optional Features & Functions DS1 Design & Central Office Connection Charge - Per Circuit	UB5++, EE7MX, UK1++	NRBCL	
13	WI	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Optional Features & Functions DS1 Design & Central Office Connection Charge Disconnect - Per Circuit	UB5++, EE7MX, UK1++	TBD	
13	WI	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Optional Features & Functions DS1 Carrier Connection Charge - Per Order	UB5++, EE7MX, UK1++	NRBBL	
13	WI	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Installation & Rearrangement Charges DS3 Administration Charge - Per Order	UB5++, EE7NX, UK3++	ORCMX	
13	WI	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Installation & Rearrangement Charges DS3 Administrative Charge - Per Disconnect Order	UB5++, EE7NX, UK3++	TBD	

Exhibit A: Element Descriptions and USOCs

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
13	WI	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Installation & Rearrangement Charges DS3 Design & Central Office Connection Charge - Per Circuit	UB5++, EE7NX, UK3++	NRBCL	
13	WI	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Installation & Rearrangement Charges DS3 Design & Central Office Connection Charge Disconnect - Per Circuit	UB5++, EE7NX, UK3++	TBD	
13	WI	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Installation & Rearrangement Charges DS3 Carrier Connection Charge - Per Order	UB5++, EE7NX, UK3++	NRBBL	
13	WI	ROUTINE MODIFICATIONS	Routine Modifications of Existing Facilities Charge	MUJ++, UOB++, UOR++, UB5++, EE7MX, EE7NX, UK3++, UK1++	N3RUE	
7	WI	OPERATIONS SUPPORT SYSTEM (OSS)	Maintenance of Service Charge	MUJ++, UOB++, UOR++, UB5++, EE7JX, EE7KX, EE7LX, EE7MX, EE7NX, UK3++, UK1++	VRP	
13MR-SL	WI	OPERATIONS SUPPORT SYSTEM (OSS)	Sub-Loops - Maintenance of Service Charge	XHG++, XGG++, XHK++, XGK++, XHW++, XGW++, XHY++, XGY++, XHQ++, XGQ++, XQ1++, XQ3++	VRP	

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 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 AND AT&T WHOLESALE, 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

MCIMETRO ACCESS TRANSMISSION SERVICES CORP., MCIMETRO ACCESS TRANSMISSION SERVICES LLC, MCIMETRO ACCESS TRANSMISSION SERVICES LLC D/B/A VERIZON ACCESS TRANSMISSION SERVICES

Signature: eSigned - Daniel Higgins IISignature: eSigned - Kristen E. ShoreName: eSigned - Daniel Higgins II
(Print or Type)Name: eSigned - Kristen E. Shore
(Print or Type)Title: AVP
(Print or Type)Title: AVP- Regulatory
(Print or Type)Date: 12 Dec 2022Date: 12 Dec 2022

**MCImetro Access Transmission Services LLC, Corp.,
MCImetro Access Transmission Services LLC,
MCImetro Access Transmission Services LLC d/b/a
Verizon Access Transmission Services**

**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, Nevada Bell Telephone Company
d/b/a AT&T NEVADA and AT&T Wholesale, 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**

**AMENDMENT TO THE AGREEMENT
BETWEEN
MCIMETRO ACCESS TRANSMISSION SERVICES CORP., MCIMETRO ACCESS TRANSMISSION
SERVICES LLC, MCIMETRO ACCESS TRANSMISSION SERVICES LLC D/B/A VERIZON ACCESS
TRANSMISSION SERVICES
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, LLC
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 AND AT&T WHOLESALE, 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**

This Amendment (the "Amendment") amends the Agreement(s) by and between AT&T and CLEC as shown in the attached Exhibit C. AT&T and CLEC are hereinafter referred to collectively as the "Parties" and individually as a "Party".

WHEREAS, AT&T and CLEC are Parties to the Agreement(s) as shown in the attached Exhibit C; and

WHEREAS, The Parties desire to amend the Interconnection Agreement to modify certain rates; and

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 and the terms and conditions contained herein, and Pricing Sheets (Exhibit A and Exhibit B), all of which are hereby incorporated by this reference and constitute a part of this Amendment.
2. Add the Pricing Sheet in Exhibit A. The rates in Exhibit A supersede the rates for the corresponding elements in the Pricing Sheet in the Agreement.
3. To the extent CLEC is no longer purchasing commercial local transport pursuant to a separate agreement using the USOCs and Basic Classes of Services set forth on the Pricing Sheet in Exhibit A, CLEC shall provide Notice to AT&T to implement the rates set forth in Exhibit B. Upon verification that CLEC is no longer purchasing commercial local transport, AT&T will implement the rates in Exhibit B. Depending on CLEC's bill period and AT&T billing system processes, the rate change may take up to two billing cycles to go into effect.
4. EXCEPT AS MODIFIED HEREIN, ALL OTHER TERMS AND CONDITIONS OF THE UNDERLYING AGREEMENT SHALL REMAIN UNCHANGED AND IN FULL FORCE AND EFFECT.
5. This Amendment shall not modify or extend the Effective Date or Term of the underlying Agreement, but rather, shall be coterminous with such Agreement.
6. 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.
7. This Amendment shall be filed with the applicable State Commission(s) and will become effective July 12, 2022.

Exhibit C

AT&T ILEC ("AT&T")	CARRIER Legal Name	Contract Type	Approval Date
Bellsouth Telecommunications, LLC d/b/a AT&T ALABAMA	MCImetro Access Transmission Services LLC	Interconnection	November 8, 2006
Southwestern Bell Telephone Company d/b/a AT&T ARKANSAS	MCImetro Access Transmission Services LLC	Interconnection	March 27, 2006
Pacific Bell Telephone Company d/b/a AT&T CALIFORNIA	MCImetro Access Transmission Services LLC d/b/a Verizon Access Transmission Services	Interconnection	September 1, 2006
Bellsouth Telecommunications, LLC d/b/a AT&T FLORIDA	MCImetro Access Transmission Services LLC d/b/a Verizon Access Transmission Services	Interconnection	January 31, 2007
Bellsouth Telecommunications, LLC d/b/a AT&T GEORGIA	MCImetro Access Transmission Services LLC d/b/a Verizon Access Transmission Services	Interconnection	December 12, 2006
Illinois Bell Telephone Company d/b/a AT&T ILLINOIS	MCImetro Access Transmission Services LLC d/b/a Verizon Access Transmission Services	Interconnection	November 14, 2010
Indiana Bell Telephone Company Incorporated d/b/a AT&T INDIANA	MCImetro Access Transmission Services LLC d/b/a Verizon Access Transmission Services	Interconnection	March 11, 2006
Southwestern Bell Telephone Company d/b/a AT&T KANSAS	MCImetro Access Transmission Services LLC d/b/a Verizon Access Transmission Services	Interconnection	October 26, 2005

AT&T ILEC ("AT&T")	CARRIER Legal Name	Contract Type	Approval Date
Bellsouth Telecommunications, LLC d/b/a AT&T KENTUCKY	MCImetro Access Transmission Services LLC d/b/a Verizon Access Transmission Services	Interconnection	November 20, 2006
Bellsouth Telecommunications, LLC d/b/a AT&T LOUISIANA	MCImetro Access Transmission Services LLC d/b/a Verizon Access Transmission Services	Interconnection	November 5, 2006
Michigan Bell Telephone Company d/b/a AT&T MICHIGAN	MCImetro Access Transmission Services LLC d/b/a Verizon Access Transmission Services	Interconnection	December 18, 2003
Bellsouth Telecommunications, LLC d/b/a AT&T MISSISSIPPI	MCImetro Access Transmission Services LLC d/b/a Verizon Access Transmission Services	Interconnection	December 6, 2006
Southwestern Bell Telephone Company d/b/a AT&T MISSOURI	MCImetro Access Transmission Services Corp.	Interconnection	October 20, 2010
Nevada Bell Telephone Company d/b/a AT&T NEVADA and AT&T Wholesale	MCImetro Access Transmission Services LLC	Interconnection	February 24, 2003
Bellsouth Telecommunications, LLC d/b/a AT&T NORTH CAROLINA	MCImetro Access Transmission Services LLC	Interconnection	November 1, 2006
The Ohio Bell Telephone Company d/b/a AT&T OHIO	MCImetro Access Transmission Services LLC	Interconnection	February 13, 2003
Southwestern Bell Telephone Company d/b/a AT&T OKLAHOMA	MCImetro Access Transmission Services LLC d/b/a Verizon Access Transmission Services	Interconnection	February 22, 2007

AT&T ILEC ("AT&T")	CARRIER Legal Name	Contract Type	Approval Date
Bellsouth Telecommunications, LLC d/b/a AT&T SOUTH CAROLINA	MCI metro Access Transmission Services LLC d/b/a Verizon Access Transmission Services	Interconnection	February 13, 2007
Bellsouth Telecommunications, LLC d/b/a AT&T TENNESSEE	MCI metro Access Transmission Services LLC	Interconnection	January 8, 2007
Southwestern Bell Telephone Company d/b/a AT&T TEXAS	MCI metro Access Transmission Services LLC	Interconnection	August 29, 2005
Wisconsin Bell, Inc. d/b/a AT&T WISCONSIN	MCI metro Access Transmission Services LLC d/b/a Verizon Access Transmission Services	Interconnection	July 18, 2007

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
LWT	AL	AT&T LOCAL WHOLESALE TRANSPORT	Interoffice Channel - DS1 - per mile (Effective July 12, 2022 - July 11, 2023)	U1TD1	1L5XX		\$ 0.27			mile
LWT	AL	AT&T LOCAL WHOLESALE TRANSPORT	Interoffice Channel - DS1 - per mile (Effective July 12, 2023 - July 11, 2024)	U1TD1	1L5XX		\$ 0.54			
LWT	AL	AT&T LOCAL WHOLESALE TRANSPORT	Interoffice Channel - DS1 - per mile (Effective July 12, 2024 - July 11, 2025)	U1TD1	1L5XX		\$ 2.70			
LWT	AL	AT&T LOCAL WHOLESALE TRANSPORT	Interoffice Channel - DS1 - Facility Termination (Effective July 12, 2022 - July 11, 2023)	U1TD1	U1TF1		\$ 90.24	\$ 89.27	\$ 81.81	
LWT	AL	AT&T LOCAL WHOLESALE TRANSPORT	Interoffice Channel - DS1 - Facility Termination (Effective July 12, 2023 - July 11, 2024)	U1TD1	U1TF1		\$ 180.48	\$ 89.27	\$ 81.81	
LWT	AL	AT&T LOCAL WHOLESALE TRANSPORT	Interoffice Channel - DS1 - Facility Termination (Effective July 12, 2024 - July 11, 2025)	U1TD1	U1TF1		\$ 902.40	\$ 89.27	\$ 81.81	
LWT	AL	AT&T LOCAL WHOLESALE TRANSPORT	Interoffice Channel - DS3 - per mile (Effective July 12, 2022 - July 11, 2023)	U1TD3	1L5XX		\$ 6.13			mile
LWT	AL	AT&T LOCAL WHOLESALE TRANSPORT	Interoffice Channel - DS3 - per mile (Effective July 12, 2023 - July 11, 2024)	U1TD3	1L5XX		\$ 12.26			
LWT	AL	AT&T LOCAL WHOLESALE TRANSPORT	Interoffice Channel - DS3 - per mile (Effective July 12, 2024 - July 11, 2025)	U1TD3	1L5XX		\$ 61.30			
LWT	AL	AT&T LOCAL WHOLESALE TRANSPORT	Interoffice Channel - DS3 - Facility Termination (Effective July 12, 2022 - July 11, 2023)	U1TD3	U1TF3		\$ 1,055.28	\$ 278.75	\$ 162.76	
LWT	AL	AT&T LOCAL WHOLESALE TRANSPORT	Interoffice Channel - DS3 - Facility Termination (Effective July 12, 2023 - July 11, 2024)	U1TD3	U1TF3		\$ 2,110.56	\$ 278.75	\$ 162.76	
LWT	AL	AT&T LOCAL WHOLESALE TRANSPORT	Interoffice Channel - DS3 - Facility Termination (Effective July 12, 2024 - July 11, 2025)	U1TD3	U1TF3		\$ 10,552.80	\$ 278.75	\$ 162.76	

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
LWT	AR	AT&T LOCAL WHOLESale TRANSPORT	DT-DS1 Interoffice Transport, First Mile (Effective July 12, 2022 - July 11, 2023)		ULNHS		\$ 75.00	\$ 310.00	\$ 220.00	first mile
LWT	AR	AT&T LOCAL WHOLESale TRANSPORT	DT-DS1 Interoffice Transport, First Mile (Effective July 12, 2023 - July 11, 2024)		ULNHS		\$ 150.00	\$ 310.00	\$ 220.00	first mile
LWT	AR	AT&T LOCAL WHOLESale TRANSPORT	DT-DS1 Interoffice Transport, First Mile (Effective July 12, 2024 - July 11, 2025)		ULNHS		\$ 750.00	\$ 310.00	\$ 220.00	first mile
LWT	AR	AT&T LOCAL WHOLESale TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile (Effective July 12, 2022 - July 11, 2023)		ULNHS		\$ 25.20	NA	NA	additional mile
LWT	AR	AT&T LOCAL WHOLESale TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile (Effective July 12, 2023 - July 11, 2024)		ULNHS		\$ 50.40	NA	NA	additional mile
LWT	AR	AT&T LOCAL WHOLESale TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile (Effective July 12, 2024 - July 11, 2025)		ULNHS		\$ 252.00	NA	NA	additional mile
LWT	AR	AT&T LOCAL WHOLESale TRANSPORT	DT-DS3 Interoffice Transport, First Mile (Effective July 12, 2022 - July 11, 2023)		ULNJS		\$ 1,222.50	\$ 338.00	\$ 236.00	first mile
LWT	AR	AT&T LOCAL WHOLESale TRANSPORT	DT-DS3 Interoffice Transport, First Mile (Effective July 12, 2023 - July 11, 2024)		ULNJS		\$ 2,445.00	\$ 338.00	\$ 236.00	first mile
LWT	AR	AT&T LOCAL WHOLESale TRANSPORT	DT-DS3 Interoffice Transport, First Mile (Effective July 12, 2024 - July 11, 2025)		ULNJS		\$ 12,225.00	\$ 338.00	\$ 236.00	first mile
LWT	AR	AT&T LOCAL WHOLESale TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile (Effective July 12, 2022 - July 11, 2023)		ULNJS		\$ 177.00	NA	NA	additional mile
LWT	AR	AT&T LOCAL WHOLESale TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile (Effective July 12, 2023 - July 11, 2024)		ULNJS		\$ 354.00	NA	NA	additional mile
LWT	AR	AT&T LOCAL WHOLESale TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile (Effective July 12, 2024 - July 11, 2025)		ULNJS		\$ 1,770.00	NA	NA	additional mile
LWT	AR	AT&T LOCAL WHOLESale TRANSPORT	DS1 to VG - Multiplexing (Effective July 12, 2022 - July 11, 2023)		UM4BX		\$ 270.00	\$ 260.00	\$ 161.00	
LWT	AR	AT&T LOCAL WHOLESale TRANSPORT	DS1 to VG - Multiplexing (Effective July 12, 2023 - July 11, 2024)		UM4BX		\$ 540.00	\$ 260.00	\$ 161.00	
LWT	AR	AT&T LOCAL WHOLESale TRANSPORT	DS1 to VG - Multiplexing (Effective July 12, 2024 - July 11, 2025)		UM4BX		\$ 2,700.00	\$ 260.00	\$ 161.00	
LWT	AR	AT&T LOCAL WHOLESale TRANSPORT	DS3 to DS1 - Multiplexing (Effective July 12, 2022 - July 11, 2023)		UM4AX		\$ 1,222.50	\$ 1,372.00	\$ 813.00	
LWT	AR	AT&T LOCAL WHOLESale TRANSPORT	DS3 to DS1 - Multiplexing (Effective July 12, 2023 - July 11, 2024)		UM4AX		\$ 2,445.00	\$ 1,372.00	\$ 813.00	
LWT	AR	AT&T LOCAL WHOLESale TRANSPORT	DS3 to DS1 - Multiplexing (Effective July 12, 2024 - July 11, 2025)		UM4AX		\$ 12,225.00	\$ 1,372.00	\$ 813.00	
LWT	AR	AT&T LOCAL WHOLESale TRANSPORT	2-Wire Analog Loop Cross Connect to POA - Method 1 (Effective July 12, 2022 - July 11, 2023)		UXRA1	1	\$ 1.42	\$ 105.70	\$ 69.40	
LWT	AR	AT&T LOCAL WHOLESale TRANSPORT	2-Wire Analog Loop Cross Connect to POA - Method 1 (Effective July 12, 2023 - July 11, 2024)		UXRA1	1	\$ 2.84	\$ 105.70	\$ 69.40	
LWT	AR	AT&T LOCAL WHOLESale TRANSPORT	2-Wire Analog Loop Cross Connect to POA - Method 1 (Effective July 12, 2024 - July 11, 2025)		UXRA1	1	\$ 14.20	\$ 105.70	\$ 69.40	
LWT	AR	AT&T LOCAL WHOLESale TRANSPORT	2-Wire Analog Loop Cross Connect to POA - Method 2 (Effective July 12, 2022 - July 11, 2023)		UXRA2	2	\$ 1.57	\$ 105.70	\$ 69.40	
LWT	AR	AT&T LOCAL WHOLESale TRANSPORT	2-Wire Analog Loop Cross Connect to POA - Method 2 (Effective July 12, 2023 - July 11, 2024)		UXRA2	2	\$ 3.14	\$ 105.70	\$ 69.40	
LWT	AR	AT&T LOCAL WHOLESale TRANSPORT	2-Wire Analog Loop Cross Connect to POA - Method 2 (Effective July 12, 2024 - July 11, 2025)		UXRA2	2	\$ 15.70	\$ 105.70	\$ 69.40	
LWT	AR	AT&T LOCAL WHOLESale TRANSPORT	2-Wire Analog Loop Cross Connect to POA - Method 3 (Effective July 12, 2022 - July 11, 2023)		UXRA3	3	\$ 1.57	\$ 105.70	\$ 69.40	
LWT	AR	AT&T LOCAL WHOLESale TRANSPORT	2-Wire Analog Loop Cross Connect to POA - Method 3 (Effective July 12, 2023 - July 11, 2024)		UXRA3	3	\$ 3.14	\$ 105.70	\$ 69.40	
LWT	AR	AT&T LOCAL WHOLESale TRANSPORT	2-Wire Analog Loop Cross Connect to POA - Method 3 (Effective July 12, 2024 - July 11, 2025)		UXRA3	3	\$ 15.70	\$ 105.70	\$ 69.40	

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
LWT	CA	AT&T LOCAL WHOLESale TRANSPORT	Interoffice Transport DS-1 Fixed Mileage (OANAD Terminology - Dedicated Transport Fixed Mileage) (Effective July 12, 2022 - July 11, 2023)	CT1AA, CT1CL, EE7MA, EE7MB, EE7MN	1L5UB		\$ 49.41			
LWT	CA	AT&T LOCAL WHOLESale TRANSPORT	Interoffice Transport DS-1 Fixed Mileage (OANAD Terminology - Dedicated Transport Fixed Mileage) (Effective July 12, 2023 - July 11, 2024)	CT1AA, CT1CL, EE7MA, EE7MB, EE7MN	1L5UB		\$ 98.82			
LWT	CA	AT&T LOCAL WHOLESale TRANSPORT	Interoffice Transport DS-1 Fixed Mileage (OANAD Terminology - Dedicated Transport Fixed Mileage) (Effective July 12, 2024 - July 11, 2025)	CT1AA, CT1CL, EE7MA, EE7MB, EE7MN	1L5UB		\$ 494.10			
LWT	CA	AT&T LOCAL WHOLESale TRANSPORT	Interoffice Transport DS-1 Variable Mileage (OANAD Terminology - Dedicated Transport Variable Mileage per mile) (Effective July 12, 2022 - July 11, 2023)				\$ 0.37			mile
LWT	CA	AT&T LOCAL WHOLESale TRANSPORT	Interoffice Transport DS-1 Variable Mileage (OANAD Terminology - Dedicated Transport Variable Mileage per mile) (Effective July 12, 2023 - July 11, 2024)				\$ 0.74			mile
LWT	CA	AT&T LOCAL WHOLESale TRANSPORT	Interoffice Transport DS-1 Variable Mileage (OANAD Terminology - Dedicated Transport Variable Mileage per mile) (Effective July 12, 2024 - July 11, 2025)				\$ 3.70			mile
LWT	CA	AT&T LOCAL WHOLESale TRANSPORT	Interoffice Transport DS-3 Fixed Mileage (OANAD Terminology - Dedicated Transport DS-3 Fixed Mileage) (Effective July 12, 2022 - July 11, 2023)	CT3AA, CT3CL, EE7PA, EE7PB, EE7PN, EE7QA, EE7QB, EE7QN	1L5UB		\$ 702.21			
LWT	CA	AT&T LOCAL WHOLESale TRANSPORT	Interoffice Transport DS-3 Fixed Mileage (OANAD Terminology - Dedicated Transport DS-3 Fixed Mileage) (Effective July 12, 2023 - July 11, 2024)	CT3AA, CT3CL, EE7PA, EE7PB, EE7PN, EE7QA, EE7QB, EE7QN	1L5UB		\$ 1,404.42			
LWT	CA	AT&T LOCAL WHOLESale TRANSPORT	Interoffice Transport DS-3 Fixed Mileage (OANAD Terminology - Dedicated Transport DS-3 Fixed Mileage) (Effective July 12, 2024 - July 11, 2025)	CT3AA, CT3CL, EE7PA, EE7PB, EE7PN, EE7QA, EE7QB, EE7QN	1L5UB		7022,10			
LWT	CA	AT&T LOCAL WHOLESale TRANSPORT	Interoffice Transport DS-3 Variable Mileage (OANAD Terminology - Dedicated Transport DS-3 Variable Mileage per mile) (Effective July 12, 2022 - July 11, 2023)				\$ 7.08			mile
LWT	CA	AT&T LOCAL WHOLESale TRANSPORT	Interoffice Transport DS-3 Variable Mileage (OANAD Terminology - Dedicated Transport DS-3 Variable Mileage per mile) (Effective July 12, 2023 - July 11, 2024)				\$ 14.16			mile
LWT	CA	AT&T LOCAL WHOLESale TRANSPORT	Interoffice Transport DS-3 Variable Mileage (OANAD Terminology - Dedicated Transport DS-3 Variable Mileage per mile) (Effective July 12, 2024 - July 11, 2025)				\$ 70.80			mile
LWT	CA	AT&T LOCAL WHOLESale TRANSPORT	MULTIPLEXING - DS-1/DS-0 MUX (OANAD Terminology - DS0/DS1) (Effective July 12, 2022 - July 11, 2023)	CT1AA, CT1CL, EE7MA, EE7MB, EE7MN	MQ1UB		\$ 383.31			
LWT	CA	AT&T LOCAL WHOLESale TRANSPORT	MULTIPLEXING - DS-1/DS-0 MUX (OANAD Terminology - DS0/DS1) (Effective July 12, 2023 - July 11, 2024)	CT1AA, CT1CL, EE7MA, EE7MB, EE7MN	MQ1UB		\$ 766.62			
LWT	CA	AT&T LOCAL WHOLESale TRANSPORT	MULTIPLEXING - DS-1/DS-0 MUX (OANAD Terminology - DS0/DS1) (Effective July 12, 2024 - July 11, 2025)	CT1AA, CT1CL, EE7MA, EE7MB, EE7MN	MQ1UB		\$ 3,833.10			
LWT	CA	AT&T LOCAL WHOLESale TRANSPORT	MULTIPLEXING - DS-3/DS-1 MUX (OANAD Terminology - DS1/DS3) (Effective July 12, 2022 - July 11, 2023)	CT3AA, CT3CL, EE7PA, EE7PB, EE7PN, EE7QA, EE7QB, EE7QN	MQ3UB		\$ 431.77			
LWT	CA	AT&T LOCAL WHOLESale TRANSPORT	MULTIPLEXING - DS-3/DS-1 MUX (OANAD Terminology - DS1/DS3) (Effective July 12, 2023 - July 11, 2024)	CT3AA, CT3CL, EE7PA, EE7PB, EE7PN, EE7QA, EE7QB, EE7QN	MQ3UB		\$ 863.54			
LWT	CA	AT&T LOCAL WHOLESale TRANSPORT	MULTIPLEXING - DS-3/DS-1 MUX (OANAD Terminology - DS1/DS3) (Effective July 12, 2024 - July 11, 2025)	CT3AA, CT3CL, EE7PA, EE7PB, EE7PN, EE7QA, EE7QB, EE7QN	MQ3UB		\$ 4,317.70			

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
LWT	FL	AT&T LOCAL WHOLESALE TRANSPORT	Interoffice Channel - DS1 - per mile (Effective July 12, 2022 - July 11, 2023)	U1TD1	1L5XX		.27			mile
LWT	FL	AT&T LOCAL WHOLESALE TRANSPORT	Interoffice Channel - DS1 - per mile (Effective July 12, 2023 - July 11, 2024)	U1TD1	1L5XX		\$ 0.54			
LWT	FL	AT&T LOCAL WHOLESALE TRANSPORT	Interoffice Channel - DS1 - per mile (Effective July 12, 2024 - July 11, 2025)	U1TD1	1L5XX		\$ 2.70			
LWT	FL	AT&T LOCAL WHOLESALE TRANSPORT	Interoffice Channel - DS1 - Facility Termination (Effective July 12, 2022 - July 11, 2023)	U1TD1	U1TF1		\$ 132.66	\$ 105.54	\$ 98.47	
LWT	FL	AT&T LOCAL WHOLESALE TRANSPORT	Interoffice Channel - DS1 - Facility Termination (Effective July 12, 2023 - July 11, 2024)	U1TD1	U1TF1		\$ 265.32	\$ 105.54	\$ 98.47	
LWT	FL	AT&T LOCAL WHOLESALE TRANSPORT	Interoffice Channel - DS1 - Facility Termination (Effective July 12, 2024 - July 11, 2025)	U1TD1	U1TF1		\$ 1,326.60	\$ 105.54	\$ 98.47	
LWT	FL	AT&T LOCAL WHOLESALE TRANSPORT	Interoffice Channel - DS3 - per mile (Effective July 12, 2022 - July 11, 2023)	U1TD3	1L5XX		\$ 5.80			mile
LWT	FL	AT&T LOCAL WHOLESALE TRANSPORT	Interoffice Channel - DS3 - per mile (Effective July 12, 2023 - July 11, 2024)	U1TD3	1L5XX		\$ 11.60			
LWT	FL	AT&T LOCAL WHOLESALE TRANSPORT	Interoffice Channel - DS3 - per mile (Effective July 12, 2024 - July 11, 2025)	U1TD3	1L5XX		\$ 58.00			
LWT	FL	AT&T LOCAL WHOLESALE TRANSPORT	Interoffice Channel - DS3 - Facility Termination (Effective July 12, 2022 - July 11, 2023)	U1TD3	U1TF3		\$ 1,606.50	\$ 335.46	\$ 219.28	
LWT	FL	AT&T LOCAL WHOLESALE TRANSPORT	Interoffice Channel - DS3 - Facility Termination (Effective July 12, 2023 - July 11, 2024)	U1TD3	U1TF3		\$ 3,213.00	\$ 335.46	\$ 219.28	
LWT	FL	AT&T LOCAL WHOLESALE TRANSPORT	Interoffice Channel - DS3 - Facility Termination (Effective July 12, 2024 - July 11, 2025)	U1TD3	U1TF3		\$ 16,065.00	\$ 335.46	\$ 219.28	

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
LWT	GA	AT&T LOCAL WHOLESALE TRANSPORT	Interoffice Channel - DS1 - per mile (Effective July 12, 2022 - July 11, 2023)	U1TD1	1L5XX		\$ 0.17			mile
LWT	GA	AT&T LOCAL WHOLESALE TRANSPORT	Interoffice Channel - DS1 - per mile (Effective July 12, 2023 - July 11, 2024)	U1TD1	1L5XX		\$ 0.34			
LWT	GA	AT&T LOCAL WHOLESALE TRANSPORT	Interoffice Channel - DS1 - per mile (Effective July 12, 2024 - July 11, 2025)	U1TD1	1L5XX		\$ 1.70			
LWT	GA	AT&T LOCAL WHOLESALE TRANSPORT	Interoffice Channel - DS1 - Facility Termination (Effective July 12, 2022 - July 11, 2023)	U1TD1	U1TF1		\$ 52.39	\$ 110.92	\$ 80.20	
LWT	GA	AT&T LOCAL WHOLESALE TRANSPORT	Interoffice Channel - DS1 - Facility Termination (Effective July 12, 2023 - July 11, 2024)	U1TD1	U1TF1		\$ 104.78	\$ 110.92	\$ 80.20	
LWT	GA	AT&T LOCAL WHOLESALE TRANSPORT	Interoffice Channel - DS1 - Facility Termination (Effective July 12, 2024 - July 11, 2025)	U1TD1	U1TF1		\$ 523.90	\$ 110.92	\$ 80.20	
LWT	GA	AT&T LOCAL WHOLESALE TRANSPORT	Interoffice Channel - DS3 - per mile (Effective July 12, 2022 - July 11, 2023)	U1TD3	1L5XX		\$ 3.94			mile
LWT	GA	AT&T LOCAL WHOLESALE TRANSPORT	Interoffice Channel - DS3 - per mile (Effective July 12, 2023 - July 11, 2024)	U1TD3	1L5XX		\$ 7.88			
LWT	GA	AT&T LOCAL WHOLESALE TRANSPORT	Interoffice Channel - DS3 - per mile (Effective July 12, 2024 - July 11, 2025)	U1TD3	1L5XX		\$ 39.40			
LWT	GA	AT&T LOCAL WHOLESALE TRANSPORT	Interoffice Channel - DS3 - Facility Termination (Effective July 12, 2022 - July 11, 2023)	U1TD3	U1TF3		\$ 524.13	\$ 320.16	\$ 86.24	
LWT	GA	AT&T LOCAL WHOLESALE TRANSPORT	Interoffice Channel - DS3 - Facility Termination (Effective July 12, 2023 - July 11, 2024)	U1TD3	U1TF3		\$ 1,048.26	\$ 320.16	\$ 86.24	
LWT	GA	AT&T LOCAL WHOLESALE TRANSPORT	Interoffice Channel - DS3 - Facility Termination (Effective July 12, 2024 - July 11, 2025)	U1TD3	U1TF3		\$ 5,241.30	\$ 320.16	\$ 86.24	

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
LWT	IL	AT&T LOCAL WHOLESale TRANSPORT	DS1 Interoffice Mileage Termination - Per Point of Termination - All Areas (Effective July 12, 2022 - July 11, 2023)	UB5++, EE7MX, UK1++	CZ4XA		\$ 26.02	NA	NA	per point of termination
LWT	IL	AT&T LOCAL WHOLESale TRANSPORT	DS1 Interoffice Mileage Termination - Per Point of Termination - All Areas (Effective July 12, 2023 - July 11, 2024)	UB5++, EE7MX, UK1++	CZ4XA		\$ 52.04	NA	NA	per point of termination
LWT	IL	AT&T LOCAL WHOLESale TRANSPORT	DS1 Interoffice Mileage Termination - Per Point of Termination - All Areas (Effective July 12, 2024 - July 11, 2025)	UB5++, EE7MX, UK1++	CZ4XA		\$ 260.20	NA	NA	per point of termination
LWT	IL	AT&T LOCAL WHOLESale TRANSPORT	DS1 Interoffice Mileage Termination - Per Point of Termination - All Areas (Effective July 12, 2022 - July 11, 2023)	UB5++, EE7MX, UK1++	CZ4XB		\$ 26.02	NA	NA	per point of termination
LWT	IL	AT&T LOCAL WHOLESale TRANSPORT	DS1 Interoffice Mileage Termination - Per Point of Termination - All Areas (Effective July 12, 2023 - July 11, 2024)	UB5++, EE7MX, UK1++	CZ4XB		\$ 52.04	NA	NA	per point of termination
LWT	IL	AT&T LOCAL WHOLESale TRANSPORT	DS1 Interoffice Mileage Termination - Per Point of Termination - All Areas (Effective July 12, 2024 - July 11, 2025)	UB5++, EE7MX, UK1++	CZ4XB		\$ 260.20	NA	NA	per point of termination
LWT	IL	AT&T LOCAL WHOLESale TRANSPORT	DS1 Interoffice Mileage Termination - Per Point of Termination - All Areas (Effective July 12, 2022 - July 11, 2023)	UB5++, EE7MX, UK1++	CZ4XC		\$ 26.02	NA	NA	per point of termination
LWT	IL	AT&T LOCAL WHOLESale TRANSPORT	DS1 Interoffice Mileage Termination - Per Point of Termination - All Areas (Effective July 12, 2023 - July 11, 2024)	UB5++, EE7MX, UK1++	CZ4XC		\$ 52.04	NA	NA	per point of termination
LWT	IL	AT&T LOCAL WHOLESale TRANSPORT	DS1 Interoffice Mileage Termination - Per Point of Termination - All Areas (Effective July 12, 2024 - July 11, 2025)	UB5++, EE7MX, UK1++	CZ4XC		\$ 260.20	NA	NA	per point of termination
LWT	IL	AT&T LOCAL WHOLESale TRANSPORT	DS1 Interoffice Mileage - Per Mile - All Areas (Effective July 12, 2022 - July 11, 2023)	UB5++, EE7MX, UK1++	1YZXA		\$ 2.82	NA	NA	per mile
LWT	IL	AT&T LOCAL WHOLESale TRANSPORT	DS1 Interoffice Mileage - Per Mile - All Areas (Effective July 12, 2023 - July 11, 2024)	UB5++, EE7MX, UK1++	1YZXA		\$ 5.64	NA	NA	per mile
LWT	IL	AT&T LOCAL WHOLESale TRANSPORT	DS1 Interoffice Mileage - Per Mile - All Areas (Effective July 12, 2024 - July 11, 2025)	UB5++, EE7MX, UK1++	1YZXA		\$ 28.20	NA	NA	per mile
LWT	IL	AT&T LOCAL WHOLESale TRANSPORT	DS1 Interoffice Mileage - Per Mile - All Areas (Effective July 12, 2022 - July 11, 2023)	UB5++, EE7MX, UK1++	1YZXB		\$ 2.82	NA	NA	per mile
LWT	IL	AT&T LOCAL WHOLESale TRANSPORT	DS1 Interoffice Mileage - Per Mile - All Areas (Effective July 12, 2023 - July 11, 2024)	UB5++, EE7MX, UK1++	1YZXB		\$ 5.64	NA	NA	per mile
LWT	IL	AT&T LOCAL WHOLESale TRANSPORT	DS1 Interoffice Mileage - Per Mile - All Areas (Effective July 12, 2024 - July 11, 2025)	UB5++, EE7MX, UK1++	1YZXB		\$ 28.20	NA	NA	per mile
LWT	IL	AT&T LOCAL WHOLESale TRANSPORT	DS1 Interoffice Mileage - Per Mile - All Areas (Effective July 12, 2022 - July 11, 2023)	UB5++, EE7MX, UK1++	1YZXC		\$ 2.82	NA	NA	per mile
LWT	IL	AT&T LOCAL WHOLESale TRANSPORT	DS1 Interoffice Mileage - Per Mile - All Areas (Effective July 12, 2023 - July 11, 2024)	UB5++, EE7MX, UK1++	1YZXC		\$ 5.64	NA	NA	per mile
LWT	IL	AT&T LOCAL WHOLESale TRANSPORT	DS1 Interoffice Mileage - Per Mile - All Areas (Effective July 12, 2024 - July 11, 2025)	UB5++, EE7MX, UK1++	1YZXC		\$ 28.20	NA	NA	per mile
LWT	IL	AT&T LOCAL WHOLESale TRANSPORT	DS3 Interoffice Mileage Termination - Per Point of Termination - All Areas (Effective July 12, 2022 - July 11, 2023)	UB5++, EE7NX, UK3++	CZ4XA		\$ 220.39	NA	NA	per point of termination
LWT	IL	AT&T LOCAL WHOLESale TRANSPORT	DS3 Interoffice Mileage Termination - Per Point of Termination - All Areas (Effective July 12, 2023 - July 11, 2024)	UB5++, EE7NX, UK3++	CZ4XA		\$ 440.78	NA	NA	per point of termination
LWT	IL	AT&T LOCAL WHOLESale TRANSPORT	DS3 Interoffice Mileage Termination - Per Point of Termination - All Areas (Effective July 12, 2024 - July 11, 2025)	UB5++, EE7NX, UK3++	CZ4XA		\$ 2,203.90	NA	NA	per point of termination
LWT	IL	AT&T LOCAL WHOLESale TRANSPORT	DS3 Interoffice Mileage Termination - Per Point of Termination - All Areas (Effective July 12, 2022 - July 11, 2023)	UB5++, EE7NX, UK3++	CZ4XB		\$ 220.39	NA	NA	per point of termination
LWT	IL	AT&T LOCAL WHOLESale TRANSPORT	DS3 Interoffice Mileage Termination - Per Point of Termination - All Areas (Effective July 12, 2023 - July 11, 2024)	UB5++, EE7NX, UK3++	CZ4XB		\$ 440.78	NA	NA	per point of termination
LWT	IL	AT&T LOCAL WHOLESale TRANSPORT	DS3 Interoffice Mileage Termination - Per Point of Termination - All Areas (Effective July 12, 2024 - July 11, 2025)	UB5++, EE7NX, UK3++	CZ4XB		\$ 2,203.90	NA	NA	per point of termination
LWT	IL	AT&T LOCAL WHOLESale TRANSPORT	DS3 Interoffice Mileage Termination - Per Point of Termination - All Areas (Effective July 12, 2022 - July 11, 2023)	UB5++, EE7NX, UK3++	CZ4XC		\$ 220.39	NA	NA	per point of termination
LWT	IL	AT&T LOCAL WHOLESale TRANSPORT	DS3 Interoffice Mileage Termination - Per Point of Termination - All Areas (Effective July 12, 2023 - July 11, 2024)	UB5++, EE7NX, UK3++	CZ4XC		\$ 440.78	NA	NA	per point of termination
LWT	IL	AT&T LOCAL WHOLESale TRANSPORT	DS3 Interoffice Mileage Termination - Per Point of Termination - All Areas (Effective July 12, 2024 - July 11, 2025)	UB5++, EE7NX, UK3++	CZ4XC		\$ 2,203.90	NA	NA	per point of termination
LWT	IL	AT&T LOCAL WHOLESale TRANSPORT	DS3 Interoffice Mileage - Per Mile - All Areas (Effective July 12, 2022 - July 11, 2023)	UB5++, EE7NX, UK3++	1YZXA		\$ 44.71	NA	NA	per mile
LWT	IL	AT&T LOCAL WHOLESale TRANSPORT	DS3 Interoffice Mileage - Per Mile - All Areas (Effective July 12, 2023 - July 11, 2024)	UB5++, EE7NX, UK3++	1YZXA		\$ 89.42	NA	NA	per mile

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LWT	IL	AT&T LOCAL WHOLESale TRANSPORT	Multiplexing DS1 to Voice Grade (Effective July 12, 2024 - July 11 2025)	UB5++, UK1++	QMVXC		\$ 4,130.10	NA	NA	
LWT	IL	AT&T LOCAL WHOLESale TRANSPORT	Multiplexing DS3 to DS1 (Effective July 12, 2022 - July 11, 2023)	UB5++, UK3++	QM3XA		\$ 606.45	NA	NA	
LWT	IL	AT&T LOCAL WHOLESale TRANSPORT	Multiplexing DS3 to DS1 (Effective July 12, 2023 - July 11, 2024)	UB5++, UK3++	QM3XA		\$ 1,212.90	NA	NA	
LWT	IL	AT&T LOCAL WHOLESale TRANSPORT	Multiplexing DS3 to DS1 (Effective July 12, 2024 - July 11, 2025)	UB5++, UK3++	QM3XA		\$ 6,064.50	NA	NA	
LWT	IL	AT&T LOCAL WHOLESale TRANSPORT	Multiplexing DS3 to DS1 (Effective July 12, 2022 - July 11, 2023)	UB5++, UK3++	QM3XB		\$ 606.45	NA	NA	
LWT	IL	AT&T LOCAL WHOLESale TRANSPORT	Multiplexing DS3 to DS1 (Effective July 12, 2023 - July 11, 2024)	UB5++, UK3++	QM3XB		\$ 1,212.90	NA	NA	
LWT	IL	AT&T LOCAL WHOLESale TRANSPORT	Multiplexing DS3 to DS1 (Effective July 12, 2024 - July 11, 2025)	UB5++, UK3++	QM3XB		\$ 6,064.50	NA	NA	
LWT	IL	AT&T LOCAL WHOLESale TRANSPORT	Multiplexing DS3 to DS1 (Effective July 12, 2022 - July 11, 2023)	UB5++, UK3++	QM3XC		\$ 606.45	NA	NA	
LWT	IL	AT&T LOCAL WHOLESale TRANSPORT	Multiplexing DS3 to DS1 (Effective July 12, 2023 - July 11, 2024)	UB5++, UK3++	QM3XC		\$ 1,212.90	NA	NA	
LWT	IL	AT&T LOCAL WHOLESale TRANSPORT	Multiplexing DS3 to DS1 (Effective July 12, 2024 - July 11, 2025)	UB5++, UK3++	QM3XC		\$ 6,064.50	NA	NA	
LWT	IL	AT&T LOCAL WHOLESale TRANSPORT	Dedicated Transport Cross Connects DS1 (Effective July 12, 2022 - July 11, 2023)	UB5++, EE7MX, UK1++	CXCDX		\$ 0.64	NA	NA	
LWT	IL	AT&T LOCAL WHOLESale TRANSPORT	Dedicated Transport Cross Connects DS1 (Effective July 12, 2023 - July 11, 2024)	UB5++, EE7MX, UK1++	CXCDX		\$ 1.28	NA	NA	
LWT	IL	AT&T LOCAL WHOLESale TRANSPORT	Dedicated Transport Cross Connects DS1 (Effective July 12, 2024 - July 11, 2025)	UB5++, EE7MX, UK1++	CXCDX		\$ 6.40	NA	NA	
LWT	IL	AT&T LOCAL WHOLESale TRANSPORT	Dedicated Transport Cross Connects DS3 (Effective July 12, 2022 - July 11, 2023)	UB5++, EE7NX, UK3++	CXCEX		\$ 1.14	NA	NA	
LWT	IL	AT&T LOCAL WHOLESale TRANSPORT	Dedicated Transport Cross Connects DS3 (Effective July 12, 2023 - July 11, 2024)	UB5++, EE7NX, UK3++	CXCEX		\$ 2.28	NA	NA	
LWT	IL	AT&T LOCAL WHOLESale TRANSPORT	Dedicated Transport Cross Connects DS3 (Effective July 12, 2024 - July 11, 2025)	UB5++, EE7NX, UK3++	CXCEX		\$ 11.40	NA	NA	

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LWT	IN	AT&T LOCAL WHOLESALE TRANSPORT	Interoffice Transport DS3 Interoffice Mileage - Per Mile - All Zones (Effective July 12, 2024 - July 11, 2025)	UB5++, EE7NX, UK3++	1YZB1		\$ 429.30	NA	NA	per mile
LWT	IN	AT&T LOCAL WHOLESALE TRANSPORT	Interoffice Transport DS3 Interoffice Mileage - Per Mile - All Zones (Effective July 12, 2022 - July 11, 2023)	UB5++, EE7NX, UK3++	1YZB2		\$ 42.93	NA	NA	per mile
LWT	IN	AT&T LOCAL WHOLESALE TRANSPORT	Interoffice Transport DS3 Interoffice Mileage - Per Mile - All Zones (Effective July 12, 2023 - July 11, 2024)	UB5++, EE7NX, UK3++	1YZB2		\$ 85.86	NA	NA	per mile
LWT	IN	AT&T LOCAL WHOLESALE TRANSPORT	Interoffice Transport DS3 Interoffice Mileage - Per Mile - All Zones (Effective July 12, 2024 - July 11, 2025)	UB5++, EE7NX, UK3++	1YZB2		\$ 429.30	NA	NA	per mile
LWT	IN	AT&T LOCAL WHOLESALE TRANSPORT	Interoffice Transport DS3 Interoffice Mileage - Per Mile - All Zones (Effective July 12, 2022 - July 11, 2023)	UB5++, EE7NX, UK3++	1YZB3		\$ 42.93	NA	NA	per mile
LWT	IN	AT&T LOCAL WHOLESALE TRANSPORT	Interoffice Transport DS3 Interoffice Mileage - Per Mile - All Zones (Effective July 12, 2023 - July 11, 2024)	UB5++, EE7NX, UK3++	1YZB3		\$ 85.86	NA	NA	per mile
LWT	IN	AT&T LOCAL WHOLESALE TRANSPORT	Interoffice Transport DS3 Interoffice Mileage - Per Mile - All Zones (Effective July 12, 2024 - July 11, 2025)	UB5++, EE7NX, UK3++	1YZB3		\$ 429.30	NA	NA	per mile
LWT	IN	AT&T LOCAL WHOLESALE TRANSPORT	Multiplexing DS1 to Voice Grade (Effective July 12, 2022 - July 11, 2023)	UB5++, UK1++, EE7MX	QMVX1		\$ 296.41	NA	NA	
LWT	IN	AT&T LOCAL WHOLESALE TRANSPORT	Multiplexing DS1 to Voice Grade (Effective July 12, 2023 - July 11, 2024)	UB5++, UK1++, EE7MX	QMVX1		\$ 592.82			
LWT	IN	AT&T LOCAL WHOLESALE TRANSPORT	Multiplexing DS1 to Voice Grade (Effective July 12, 2024 - July 11, 2025)	UB5++, UK1++, EE7MX	QMVX1		\$ 2,964.10			
LWT	IN	AT&T LOCAL WHOLESALE TRANSPORT	Multiplexing DS1 to Voice Grade (Effective July 12, 2022 - July 11, 2023)	UB5++, UK1++, EE7MX	QMVX2		\$ 296.41	NA	NA	
LWT	IN	AT&T LOCAL WHOLESALE TRANSPORT	Multiplexing DS1 to Voice Grade (Effective July 12, 2023 - July 11, 2024)	UB5++, UK1++, EE7MX	QMVX2		\$ 592.82			
LWT	IN	AT&T LOCAL WHOLESALE TRANSPORT	Multiplexing DS1 to Voice Grade (Effective July 12, 2024 - July 11, 2025)	UB5++, UK1++, EE7MX	QMVX2		\$ 2,964.10			
LWT	IN	AT&T LOCAL WHOLESALE TRANSPORT	Multiplexing DS1 to Voice Grade (Effective July 12, 2022 - July 11, 2023)	UB5++, UK1++, EE7MX	QMVX3		\$ 296.41	NA	NA	
LWT	IN	AT&T LOCAL WHOLESALE TRANSPORT	Multiplexing DS1 to Voice Grade (Effective July 12, 2023 - July 11, 2024)	UB5++, UK1++, EE7MX	QMVX3		\$ 592.82			
LWT	IN	AT&T LOCAL WHOLESALE TRANSPORT	Multiplexing DS1 to Voice Grade (Effective July 12, 2024 - July 11, 2025)	UB5++, UK1++, EE7MX	QMVX3		\$ 2,964.10			
LWT	IN	AT&T LOCAL WHOLESALE TRANSPORT	Multiplexing DS3 to DS1 (Effective July 12, 2022 - July 11, 2023)	UB5++, UK3++, EE7NX	QM3X1		\$ 390.36	NA	NA	
LWT	IN	AT&T LOCAL WHOLESALE TRANSPORT	Multiplexing DS3 to DS1 (Effective July 12, 2023 - July 11, 2024)	UB5++, UK3++, EE7NX	QM3X1		\$ 780.72			
LWT	IN	AT&T LOCAL WHOLESALE TRANSPORT	Multiplexing DS3 to DS1 (Effective July 12, 2024 - July 11, 2025)	UB5++, UK3++, EE7NX	QM3X1		\$ 3,903.60			
LWT	IN	AT&T LOCAL WHOLESALE TRANSPORT	Multiplexing DS3 to DS1 (Effective July 12, 2022 - July 11, 2023)	UB5++, UK3++, EE7NX	QM3X2		\$ 390.36	NA	NA	
LWT	IN	AT&T LOCAL WHOLESALE TRANSPORT	Multiplexing DS3 to DS1 (Effective July 12, 2023 - July 11, 2024)	UB5++, UK3++, EE7NX	QM3X2		\$ 780.72			
LWT	IN	AT&T LOCAL WHOLESALE TRANSPORT	Multiplexing DS3 to DS1 (Effective July 12, 2024 - July 11, 2025)	UB5++, UK3++, EE7NX	QM3X2		\$ 3,903.60			
LWT	IN	AT&T LOCAL WHOLESALE TRANSPORT	Multiplexing DS3 to DS1 (Effective July 12, 2022 - July 11, 2023)	UB5++, UK3++, EE7NX	QM3X3		\$ 390.36	NA	NA	
LWT	IN	AT&T LOCAL WHOLESALE TRANSPORT	Multiplexing DS3 to DS1 (Effective July 12, 2023 - July 11, 2024)	UB5++, UK3++, EE7NX	QM3X3		\$ 780.72			
LWT	IN	AT&T LOCAL WHOLESALE TRANSPORT	Multiplexing DS3 to DS1 (Effective July 12, 2024 - July 11, 2025)	UB5++, UK3++, EE7NX	QM3X3		\$ 3,903.60			
LWT	IN	AT&T LOCAL WHOLESALE TRANSPORT	Dedicated Transport Cross Connects DS1 (Effective July 12, 2022 - July 11, 2023)	UB5++, EE7MX, UK1++	CXCDX		\$ 0.54	NA	NA	
LWT	IN	AT&T LOCAL WHOLESALE TRANSPORT	Dedicated Transport Cross Connects DS1 (Effective July 12, 2023 - July 11, 2024)	UB5++, EE7MX, UK1++	CXCDX		\$ 1.08			
LWT	IN	AT&T LOCAL WHOLESALE TRANSPORT	Dedicated Transport Cross Connects DS1 (Effective July 12, 2024 - July 11, 2025)	UB5++, EE7MX, UK1++	CXCDX		\$ 5.40			
LWT	IN	AT&T LOCAL WHOLESALE TRANSPORT	Dedicated Transport Cross Connects DS3 (Effective July 12, 2022 - July 11, 2023)	UB5++, EE7NX, UK3++	CXCEX		\$ 0.99	NA	NA	
LWT	IN	AT&T LOCAL WHOLESALE TRANSPORT	Dedicated Transport Cross Connects DS3 (Effective July 12, 2023 - July 11, 2024)	UB5++, EE7NX, UK3++	CXCEX		\$ 1.98			
LWT	IN	AT&T LOCAL WHOLESALE TRANSPORT	Dedicated Transport Cross Connects DS3 (Effective July 12, 2024 - July 11, 2025)	UB5++, EE7NX, UK3++	CXCEX		\$ 9.90			

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
LWT	KS	AT&T LOCAL WHOLESale TRANSPORT	DT-DS1 Interoffice Transport, First Mile - Zone 1 (Rural) (Effective July 12, 2022 - July 11, 2023)		ULNHS	1	\$ 77.84	\$ 136.65	\$ 78.80	first mile
LWT	KS	AT&T LOCAL WHOLESale TRANSPORT	DT-DS1 Interoffice Transport, First Mile - Zone 1 (Rural) (Effective July 12, 2023 - July 11, 2024)		ULNHS	1	\$ 155.68	\$ 136.65	\$ 78.80	first mile
LWT	KS	AT&T LOCAL WHOLESale TRANSPORT	DT-DS1 Interoffice Transport, First Mile - Zone 1 (Rural) (Effective July 12, 2024 - July 11, 2025)		ULNHS	1	\$ 77.84	\$ 136.65	\$ 78.80	first mile
LWT	KS	AT&T LOCAL WHOLESale TRANSPORT	DT-DS1 Interoffice Transport, First Mile - Zone 2 (Suburban) (Effective July 12, 2022 - July 11, 2023)		ULNHS	2	\$ 66.89	\$ 136.65	\$ 78.80	first mile
LWT	KS	AT&T LOCAL WHOLESale TRANSPORT	DT-DS1 Interoffice Transport, First Mile - Zone 2 (Suburban) (Effective July 12, 2023 - July 11, 2024)		ULNHS	2	\$ 133.78	\$ 136.65	\$ 78.80	first mile
LWT	KS	AT&T LOCAL WHOLESale TRANSPORT	DT-DS1 Interoffice Transport, First Mile - Zone 2 (Suburban) (Effective July 12, 2024 - July 11, 2025)		ULNHS	2	\$ 66.89	\$ 136.65	\$ 78.80	first mile
LWT	KS	AT&T LOCAL WHOLESale TRANSPORT	DT-DS1 Interoffice Transport, First Mile - Zone 3 (Urban) (Effective July 12, 2022 - July 11, 2023)		ULNHS	3	\$ 61.17	\$ 136.65	\$ 78.80	first mile
LWT	KS	AT&T LOCAL WHOLESale TRANSPORT	DT-DS1 Interoffice Transport, First Mile - Zone 3 (Urban) (Effective July 12, 2023 - July 11, 2024)		ULNHS	3	\$ 122.34	\$ 136.65	\$ 78.80	first mile
LWT	KS	AT&T LOCAL WHOLESale TRANSPORT	DT-DS1 Interoffice Transport, First Mile - Zone 3 (Urban) (Effective July 12, 2024 - July 11, 2025)		ULNHS	3	\$ 61.17	\$ 136.65	\$ 78.80	first mile
LWT	KS	AT&T LOCAL WHOLESale TRANSPORT	DT-DS1 Interoffice Transport, First Mile - Interzone (Effective July 12, 2022 - July 11, 2023)		ULNHS	I	\$ 70.29	\$ 136.65	\$ 78.80	first mile
LWT	KS	AT&T LOCAL WHOLESale TRANSPORT	DT-DS1 Interoffice Transport, First Mile - Interzone (Effective July 12, 2023 - July 11, 2024)		ULNHS	I	\$ 140.58	\$ 136.65	\$ 78.80	first mile
LWT	KS	AT&T LOCAL WHOLESale TRANSPORT	DT-DS1 Interoffice Transport, First Mile - Interzone (Effective July 12, 2024 - July 11, 2025)		ULNHS	I	\$ 70.29	\$ 136.65	\$ 78.80	first mile
LWT	KS	AT&T LOCAL WHOLESale TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile - Zone 1 (Rural) (Effective July 12, 2022 - July 11, 2023)		ULNHS	1	\$ 2.30	NA	NA	additional mile
LWT	KS	AT&T LOCAL WHOLESale TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile - Zone 1 (Rural) (Effective July 12, 2023 - July 11, 2024)		ULNHS	1	\$ 4.60	NA	NA	additional mile
LWT	KS	AT&T LOCAL WHOLESale TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile - Zone 1 (Rural) (Effective July 12, 2024 - July 11, 2025)		ULNHS	1	\$ 23.00	NA	NA	additional mile
LWT	KS	AT&T LOCAL WHOLESale TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile - Zone 2 (Suburban) (Effective July 12, 2022 - July 11, 2023)		ULNHS	2	\$ 1.08	NA	NA	additional mile
LWT	KS	AT&T LOCAL WHOLESale TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile - Zone 2 (Suburban) (Effective July 12, 2023 - July 11, 2024)		ULNHS	2	\$ 2.16	NA	NA	additional mile
LWT	KS	AT&T LOCAL WHOLESale TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile - Zone 2 (Suburban) (Effective July 12, 2024 - July 11, 2025)		ULNHS	2	\$ 10.80	NA	NA	additional mile
LWT	KS	AT&T LOCAL WHOLESale TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile - Zone 3 (Urban) (Effective July 12, 2022 - July 11, 2023)		ULNHS	3	\$ 0.48	NA	NA	additional mile
LWT	KS	AT&T LOCAL WHOLESale TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile - Zone 3 (Urban) (Effective July 12, 2023 - July 11, 2024)		ULNHS	3	\$ 0.96	NA	NA	additional mile
LWT	KS	AT&T LOCAL WHOLESale TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile - Zone 3 (Urban) (Effective July 12, 2024 - July 11, 2025)		ULNHS	3	\$ 4.80	NA	NA	additional mile
LWT	KS	AT&T LOCAL WHOLESale TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile - Interzone (Effective July 12, 2022 - July 11, 2023)		ULNHS	I	\$ 0.52	NA	NA	additional mile
LWT	KS	AT&T LOCAL WHOLESale TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile - Interzone (Effective July 12, 2023 - July 11, 2024)		ULNHS	I	\$ 1.04	NA	NA	additional mile
LWT	KS	AT&T LOCAL WHOLESale TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile - Interzone (Effective July 12, 2024 - July 11, 2025)		ULNHS	I	\$ 5.20	NA	NA	additional mile
LWT	KS	AT&T LOCAL WHOLESale TRANSPORT	DT-DS3 Interoffice Transport, First Mile - Zone 1 (Rural) (Effective July 12, 2022 - July 11, 2023)		ULNJS	1	\$ 894.82	\$ 158.10	\$ 97.75	first mile
LWT	KS	AT&T LOCAL WHOLESale TRANSPORT	DT-DS3 Interoffice Transport, First Mile - Zone 1 (Rural) (Effective July 12, 2023 - July 11, 2024)		ULNJS	1	\$ 1,789.64	\$ 158.10	\$ 97.75	first mile
LWT	KS	AT&T LOCAL WHOLESale TRANSPORT	DT-DS3 Interoffice Transport, First Mile - Zone 1 (Rural) (Effective July 12, 2024 - July 11, 2025)		ULNJS	1	\$ 8,948.20	\$ 158.10	\$ 97.75	first mile
LWT	KS	AT&T LOCAL WHOLESale TRANSPORT	DT-DS3 Interoffice Transport, First Mile - Zone 2 (Suburban) (Effective July 12, 2022 - July 11, 2023)		ULNJS	2	\$ 894.82	\$ 158.10	\$ 97.75	first mile
LWT	KS	AT&T LOCAL WHOLESale TRANSPORT	DT-DS3 Interoffice Transport, First Mile - Zone 2 (Suburban) (Effective July 12, 2023 - July 11, 2024)		ULNJS	2	\$ 1,789.64	\$ 158.10	\$ 97.75	first mile

LWT	KS	AT&T LOCAL WHOLESale TRANSPORT	DT-DS3 Interoffice Transport, First Mile - Zone 2 (Suburban) (Effective July 12, 2024 - July 11, 2025)		ULNJS	2	\$ 8,948.20	\$ 158.10	\$ 97.75	first mile
LWT	KS	AT&T LOCAL WHOLESale TRANSPORT	DT-DS3 Interoffice Transport, First Mile - Zone 3 (Urban) (Effective July 12, 2022 - July 11, 2023)		ULNJS	3	\$ 714.96	\$ 158.10	\$ 97.75	first mile
LWT	KS	AT&T LOCAL WHOLESale TRANSPORT	DT-DS3 Interoffice Transport, First Mile - Zone 3 (Urban) (Effective July 12, 2023 - July 11, 2024)		ULNJS	3	\$ 1,429.92	\$ 158.10	\$ 97.75	first mile
LWT	KS	AT&T LOCAL WHOLESale TRANSPORT	DT-DS3 Interoffice Transport, First Mile - Zone 3 (Urban) (Effective July 12, 2024 - July 11, 2025)		ULNJS	3	\$ 7,149.60	\$ 158.10	\$ 97.75	first mile
LWT	KS	AT&T LOCAL WHOLESale TRANSPORT	DT-DS3 Interoffice Transport, First Mile - Interzone (Effective July 12, 2022 - July 11, 2023)		ULNJS	I	\$ 768.45	\$ 158.10	\$ 97.75	first mile
LWT	KS	AT&T LOCAL WHOLESale TRANSPORT	DT-DS3 Interoffice Transport, First Mile - Interzone (Effective July 12, 2023 - July 11, 2024)		ULNJS	I	\$ 1,536.90	\$ 158.10	\$ 97.75	first mile
LWT	KS	AT&T LOCAL WHOLESale TRANSPORT	DT-DS3 Interoffice Transport, First Mile - Interzone (Effective July 12, 2024 - July 11, 2025)		ULNJS	I	\$ 7,684.50	\$ 158.10	\$ 97.75	first mile
LWT	KS	AT&T LOCAL WHOLESale TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile - Zone 1 (Rural) (Effective July 12, 2022 - July 11, 2023)		ULNJS	1	\$ 26.26	NA	NA	additional mile
LWT	KS	AT&T LOCAL WHOLESale TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile - Zone 1 (Rural) (Effective July 12, 2023 - July 11, 2024)		ULNJS	1	\$ 52.52	NA	NA	additional mile
LWT	KS	AT&T LOCAL WHOLESale TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile - Zone 1 (Rural) (Effective July 12, 2024 - July 11, 2025)		ULNJS	1	\$ 262.60	NA	NA	additional mile
LWT	KS	AT&T LOCAL WHOLESale TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile - Zone 2 (Suburban) (Effective July 12, 2022 - July 11, 2023)		ULNJS	2	\$ 26.26	NA	NA	additional mile
LWT	KS	AT&T LOCAL WHOLESale TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile - Zone 2 (Suburban) (Effective July 12, 2023 - July 11, 2024)		ULNJS	2	\$ 52.52	NA	NA	additional mile
LWT	KS	AT&T LOCAL WHOLESale TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile - Zone 2 (Suburban) (Effective July 12, 2024 - July 11, 2025)		ULNJS	2	\$ 262.60	NA	NA	additional mile
LWT	KS	AT&T LOCAL WHOLESale TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile - Zone 3 (Urban) (Effective July 12, 2022 - July 11, 2023)		ULNJS	3	\$ 19.24	NA	NA	additional mile
LWT	KS	AT&T LOCAL WHOLESale TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile - Zone 3 (Urban) (Effective July 12, 2023 - July 11, 2024)		ULNJS	3	\$ 38.48	NA	NA	additional mile
LWT	KS	AT&T LOCAL WHOLESale TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile - Zone 3 (Urban) (Effective July 12, 2024 - July 11, 2025)		ULNJS	3	\$ 192.40	NA	NA	additional mile
LWT	KS	AT&T LOCAL WHOLESale TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile - Interzone (Effective July 12, 2022 - July 11, 2023)		ULNJS	I	\$ 4.27	NA	NA	additional mile
LWT	KS	AT&T LOCAL WHOLESale TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile - Interzone (Effective July 12, 2023 - July 11, 2024)		ULNJS	I	\$ 8.54	NA	NA	additional mile
LWT	KS	AT&T LOCAL WHOLESale TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile - Interzone (Effective July 12, 2024 - July 11, 2025)		ULNJS	I	\$ 42.70	NA	NA	additional mile
LWT	KS	AT&T LOCAL WHOLESale TRANSPORT	DS1 to VG - Multiplexing (Effective July 12, 2022 - July 11, 2023)		UM4BX		\$ 178.54	\$ 288.90	\$ 187.70	
LWT	KS	AT&T LOCAL WHOLESale TRANSPORT	DS1 to VG - Multiplexing (Effective July 12, 2023 - July 11, 2024)		UM4BX		\$ 357.08	\$ 288.90	\$ 187.70	
LWT	KS	AT&T LOCAL WHOLESale TRANSPORT	DS1 to VG - Multiplexing (Effective July 12, 2024 - July 11, 2025)		UM4BX		\$ 1,785.40	\$ 288.90	\$ 187.70	
LWT	KS	AT&T LOCAL WHOLESale TRANSPORT	DS3 to DS1 - Multiplexing (Effective July 12, 2022 - July 11, 2023)		UM4AX		\$ 539.74	\$ 1,736.35	\$ 1,202.10	
LWT	KS	AT&T LOCAL WHOLESale TRANSPORT	DS3 to DS1 - Multiplexing (Effective July 12, 2023 - July 11, 2024)		UM4AX		\$ 1,079.48	\$ 1,736.35	\$ 1,202.10	
LWT	KS	AT&T LOCAL WHOLESale TRANSPORT	DS3 to DS1 - Multiplexing (Effective July 12, 2024 - July 11, 2025)		UM4AX		\$ 5,397.40	\$ 1,736.35	\$ 1,202.10	
LWT	KS	AT&T LOCAL WHOLESale TRANSPORT	2-wire Analog Loop Cross Connect to POA - Method 1 (Effective July 12, 2022 - July 11, 2023)		UXRA1	1	\$ 0.85	\$ 92.05	\$ 73.25	
LWT	KS	AT&T LOCAL WHOLESale TRANSPORT	2-wire Analog Loop Cross Connect to POA - Method 1 (Effective July 12, 2023 - July 11, 2024)		UXRA1	1	\$ 1.70	\$ 92.05	\$ 73.25	
LWT	KS	AT&T LOCAL WHOLESale TRANSPORT	2-wire Analog Loop Cross Connect to POA - Method 1 (Effective July 12, 2024 - July 11, 2025)		UXRA1	1	\$ 8.50	\$ 92.05	\$ 73.25	
LWT	KS	AT&T LOCAL WHOLESale TRANSPORT	2-wire Analog Loop Cross Connect to POA - Method 2 (Effective July 12, 2022 - July 11, 2023)		UXRA2	2	\$ 0.97	\$ 92.05	\$ 73.25	
LWT	KS	AT&T LOCAL WHOLESale TRANSPORT	2-wire Analog Loop Cross Connect to POA - Method 2 (Effective July 12, 2023 - July 11, 2024)		UXRA2	2	\$ 1.94	\$ 92.05	\$ 73.25	
LWT	KS	AT&T LOCAL WHOLESale TRANSPORT	2-wire Analog Loop Cross Connect to POA - Method 2 (Effective July 12, 2024 - July 11, 2025)		UXRA2	2	\$ 9.70	\$ 92.05	\$ 73.25	
LWT	KS	AT&T LOCAL WHOLESale TRANSPORT	2-wire Analog Loop Cross Connect to POA - Method 3 (Effective July 12, 2022 - July 11, 2023)		UXRA3	3	\$ 1.15	\$ 92.05	\$ 73.25	
LWT	KS	AT&T LOCAL WHOLESale TRANSPORT	2-wire Analog Loop Cross Connect to POA - Method 3 (Effective July 12, 2023 - July 11, 2024)		UXRA3	3	\$ 2.30	\$ 92.05	\$ 73.25	

LWT	KS	AT&T LOCAL WHOLESALE TRANSPORT	2-wire Analog Loop Cross Connect to POA - Method 3 (Effective July 12, 2024 - July 11, 2025)		UXRA3	3	\$ 11.50	\$ 92.05	\$ 73.25	

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
LWT	KY	AT&T LOCAL WHOLESALE TRANSPORT	Interoffice Channel - DS1 - per mile (Effective July 12, 2022 - July 11, 2023)	U1TD1	1L5XX		\$ 0.34			mile
LWT	KY	AT&T LOCAL WHOLESALE TRANSPORT	Interoffice Channel - DS1 - per mile (Effective July 12, 2023 - July 11, 2024)	U1TD1	1L5XX		\$ 0.68			
LWT	KY	AT&T LOCAL WHOLESALE TRANSPORT	Interoffice Channel - DS1 - per mile (Effective July 12, 2024 - July 11, 2025)	U1TD1	1L5XX		\$ 3.40			
LWT	KY	AT&T LOCAL WHOLESALE TRANSPORT	Interoffice Channel - DS1 - Facility Termination (Effective July 12, 2022 - July 11, 2023)	U1TD1	U1TF1		\$ 144.06	\$ 105.52	\$ 98.46	
LWT	KY	AT&T LOCAL WHOLESALE TRANSPORT	Interoffice Channel - DS1 - Facility Termination (Effective July 12, 2023 - July 11, 2024)	U1TD1	U1TF1		\$ 288.12	\$ 105.52	\$ 98.46	
LWT	KY	AT&T LOCAL WHOLESALE TRANSPORT	Interoffice Channel - DS1 - Facility Termination (Effective July 12, 2024 - July 11, 2025)	U1TD1	U1TF1		\$ 1,440.60	\$ 105.52	\$ 98.46	
LWT	KY	AT&T LOCAL WHOLESALE TRANSPORT	Interoffice Channel - DS3 - per mile (Effective July 12, 2022 - July 11, 2023)	U1TD3	1L5XX		\$ 7.45			mile
LWT	KY	AT&T LOCAL WHOLESALE TRANSPORT	Interoffice Channel - DS3 - per mile (Effective July 12, 2023 - July 11, 2024)	U1TD3	1L5XX		\$ 14.90			
LWT	KY	AT&T LOCAL WHOLESALE TRANSPORT	Interoffice Channel - DS3 - per mile (Effective July 12, 2024 - July 11, 2025)	U1TD3	1L5XX		\$ 74.50			
LWT	KY	AT&T LOCAL WHOLESALE TRANSPORT	Interoffice Channel - DS3 - Facility Termination (Effective July 12, 2022 - July 11, 2023)	U1TD3	U1TF3		\$ 1,762.72	\$ 335.40	\$ 219.24	
LWT	KY	AT&T LOCAL WHOLESALE TRANSPORT	Interoffice Channel - DS3 - Facility Termination (Effective July 12, 2023 - July 11, 2024)	U1TD3	U1TF3		\$ 3,525.44	\$ 335.40	\$ 219.24	
LWT	KY	AT&T LOCAL WHOLESALE TRANSPORT	Interoffice Channel - DS3 - Facility Termination (Effective July 12, 2024 - July 11, 2025)	U1TD3	U1TF3		\$ 17,627.20	\$ 335.40	\$ 219.24	

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
LWT	LA	AT&T LOCAL WHOLESALE TRANSPORT	Interoffice Channel - DS1 - per mile (Effective July 12, 2022 - July 11, 2023)	U1TD1	1L5XX		\$ 0.39			mile
LWT	LA	AT&T LOCAL WHOLESALE TRANSPORT	Interoffice Channel - DS1 - per mile (Effective July 12, 2023 - July 11, 2024)	U1TD1	1L5XX		\$ 0.78			
LWT	LA	AT&T LOCAL WHOLESALE TRANSPORT	Interoffice Channel - DS1 - per mile (Effective July 12, 2024 - July 11, 2025)	U1TD1	1L5XX		\$ 3.90			
LWT	LA	AT&T LOCAL WHOLESALE TRANSPORT	Interoffice Channel - DS1 - Facility Termination (Effective July 12, 2022 - July 11, 2023)	U1TD1	U1TF1		\$ 105.70	\$ 86.69	\$ 79.44	
LWT	LA	AT&T LOCAL WHOLESALE TRANSPORT	Interoffice Channel - DS1 - Facility Termination (Effective July 12, 2023 - July 11, 2024)	U1TD1	U1TF1		\$ 211.40	\$ 86.69	\$ 79.44	
LWT	LA	AT&T LOCAL WHOLESALE TRANSPORT	Interoffice Channel - DS1 - Facility Termination (Effective July 12, 2024 - July 11, 2025)	U1TD1	U1TF1		\$ 1,057.00	\$ 86.69	\$ 79.44	
LWT	LA	AT&T LOCAL WHOLESALE TRANSPORT	Interoffice Channel - DS3 - per mile (Effective July 12, 2022 - July 11, 2023)	U1TD3	1L5XX		\$ 9.06			mile
LWT	LA	AT&T LOCAL WHOLESALE TRANSPORT	Interoffice Channel - DS3 - per mile (Effective July 12, 2023 - July 11, 2024)	U1TD3	1L5XX		\$ 18.12			
LWT	LA	AT&T LOCAL WHOLESALE TRANSPORT	Interoffice Channel - DS3 - per mile (Effective July 12, 2024 - July 11, 2025)	U1TD3	1L5XX		\$ 90.60			
LWT	LA	AT&T LOCAL WHOLESALE TRANSPORT	Interoffice Channel - DS3 - Facility Termination (Effective July 12, 2022 - July 11, 2023)	U1TD3	U1TF3		\$ 1,275.67	\$ 270.69	\$ 158.05	
LWT	LA	AT&T LOCAL WHOLESALE TRANSPORT	Interoffice Channel - DS3 - Facility Termination (Effective July 12, 2023 - July 11, 2024)	U1TD3	U1TF3		\$ 2,551.34	\$ 270.69	\$ 158.05	
LWT	LA	AT&T LOCAL WHOLESALE TRANSPORT	Interoffice Channel - DS3 - Facility Termination (Effective July 12, 2024 - July 11, 2025)	U1TD3	U1TF3		\$ 12,756.70	\$ 270.69	\$ 158.05	

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
LWT	MI	AT&T LOCAL WHOLESALE TRANSPORT	DS1 Interoffice Mileage Per Point of Termination Zone 1 (Effective July 12, 2022 - July 11, 2023)	UB5++, EE7MX, UK1++	CZ4X1	1	\$ 18.58			Per Point of Termination
LWT	MI	AT&T LOCAL WHOLESALE TRANSPORT	DS1 Interoffice Mileage Per Point of Termination Zone 1 (Effective July 12, 2023 - July 11, 2024)	UB5++, EE7MX, UK1++	CZ4X1	1	\$ 37.16			Per Point of Termination
LWT	MI	AT&T LOCAL WHOLESALE TRANSPORT	DS1 Interoffice Mileage Per Point of Termination Zone 1 (Effective July 12, 2024 - July 11, 2025)	UB5++, EE7MX, UK1++	CZ4X1	1	\$ 185.80			Per Point of Termination
LWT	MI	AT&T LOCAL WHOLESALE TRANSPORT	DS1 Interoffice Mileage Per Point of Termination Zone 2 (Effective July 12, 2022 - July 11, 2023)	UB5++, EE7MX, UK1++	CZ4X2	2	\$ 18.42			Per Point of Termination
LWT	MI	AT&T LOCAL WHOLESALE TRANSPORT	DS1 Interoffice Mileage Per Point of Termination Zone 2 (Effective July 12, 2023 - July 11, 2024)	UB5++, EE7MX, UK1++	CZ4X2	2	\$ 36.84			Per Point of Termination
LWT	MI	AT&T LOCAL WHOLESALE TRANSPORT	DS1 Interoffice Mileage Per Point of Termination Zone 2 (Effective July 12, 2024 - July 11, 2025)	UB5++, EE7MX, UK1++	CZ4X2	2	\$ 184.20			Per Point of Termination
LWT	MI	AT&T LOCAL WHOLESALE TRANSPORT	DS1 Interoffice Mileage Per Point of Termination Zone 3 (Effective July 12, 2022 - July 11, 2023)	UB5++, EE7MX, UK1++	CZ4X3	3	\$ 19.75			Per Point of Termination
LWT	MI	AT&T LOCAL WHOLESALE TRANSPORT	DS1 Interoffice Mileage Per Point of Termination Zone 3 (Effective July 12, 2023 - July 11, 2024)	UB5++, EE7MX, UK1++	CZ4X3	3	\$ 39.50			Per Point of Termination
LWT	MI	AT&T LOCAL WHOLESALE TRANSPORT	DS1 Interoffice Mileage Per Point of Termination Zone 3 (Effective July 12, 2024 - July 11, 2025)	UB5++, EE7MX, UK1++	CZ4X3	3	\$ 197.50			Per Point of Termination
LWT	MI	AT&T LOCAL WHOLESALE TRANSPORT	DS1 Interoffice Mileage Per Point of Termination Interzone (Effective July 12, 2022 - July 11, 2023)	UB5++, EE7MX, UK1++	CZ4XZ	I	\$ 20.04			Per Point of Termination
LWT	MI	AT&T LOCAL WHOLESALE TRANSPORT	DS1 Interoffice Mileage Per Point of Termination Interzone (Effective July 12, 2023 - July 11, 2024)	UB5++, EE7MX, UK1++	CZ4XZ	I	\$ 40.08			Per Point of Termination
LWT	MI	AT&T LOCAL WHOLESALE TRANSPORT	DS1 Interoffice Mileage Per Point of Termination Interzone (Effective July 12, 2024 - July 11, 2025)	UB5++, EE7MX, UK1++	CZ4XZ	I	\$ 200.40			Per Point of Termination
LWT	MI	AT&T LOCAL WHOLESALE TRANSPORT	DS1 Interoffice Mileage Per Mile Zone 1 (Effective July 12, 2022 - July 11, 2023)	UB5++, EE7MX, UK1++	1YZX1	1	\$ 1.03			per mile
LWT	MI	AT&T LOCAL WHOLESALE TRANSPORT	DS1 Interoffice Mileage Per Mile Zone 1 (Effective July 12, 2023 - July 11, 2024)	UB5++, EE7MX, UK1++	1YZX1	1	\$ 2.06			per mile
LWT	MI	AT&T LOCAL WHOLESALE TRANSPORT	DS1 Interoffice Mileage Per Mile Zone 1 (Effective July 12, 2024 - July 11, 2025)	UB5++, EE7MX, UK1++	1YZX1	1	\$ 10.30			per mile
LWT	MI	AT&T LOCAL WHOLESALE TRANSPORT	DS1 Interoffice Mileage Per Mile Zone 2 (Effective July 12, 2022 - July 11, 2023)	UB5++, EE7MX, UK1++	1YZX2	2	\$ 1.15			per mile
LWT	MI	AT&T LOCAL WHOLESALE TRANSPORT	DS1 Interoffice Mileage Per Mile Zone 2 (Effective July 12, 2023 - July 11, 2024)	UB5++, EE7MX, UK1++	1YZX2	2	\$ 2.30			per mile
LWT	MI	AT&T LOCAL WHOLESALE TRANSPORT	DS1 Interoffice Mileage Per Mile Zone 2 (Effective July 12, 2024 - July 11, 2025)	UB5++, EE7MX, UK1++	1YZX2	2	\$ 11.50			per mile
LWT	MI	AT&T LOCAL WHOLESALE TRANSPORT	DS1 Interoffice Mileage Per Mile Zone 3 (Effective July 12, 2022 - July 11, 2023)	UB5++, EE7MX, UK1++	1YZX3	3	\$ 0.75			per mile
LWT	MI	AT&T LOCAL WHOLESALE TRANSPORT	DS1 Interoffice Mileage Per Mile Zone 3 (Effective July 12, 2023 - July 11, 2024)	UB5++, EE7MX, UK1++	1YZX3	3	\$ 1.50			per mile
LWT	MI	AT&T LOCAL WHOLESALE TRANSPORT	DS1 Interoffice Mileage Per Mile Zone 3 (Effective July 12, 2024 - July 11, 2025)	UB5++, EE7MX, UK1++	1YZX3	3	\$ 7.50			per mile
LWT	MI	AT&T LOCAL WHOLESALE TRANSPORT	DS1 Interoffice Mileage Per Mile Interzone (Effective July 12, 2022 - July 11, 2023)	UB5++, EE7MX, UK1++	1YZXZ	I	\$ 0.30			per mile
LWT	MI	AT&T LOCAL WHOLESALE TRANSPORT	DS1 Interoffice Mileage Per Mile Interzone (Effective July 12, 2023 - July 11, 2024)	UB5++, EE7MX, UK1++	1YZXZ	I	\$ 0.60			per mile
LWT	MI	AT&T LOCAL WHOLESALE TRANSPORT	DS1 Interoffice Mileage Per Mile Interzone (Effective July 12, 2024 - July 11, 2025)	UB5++, EE7MX, UK1++	1YZXZ	I	\$ 3.00			per mile
LWT	MI	AT&T LOCAL WHOLESALE TRANSPORT	DS3 Interoffice Mileage Termination - Per Point of Termination Zone 1 (Effective July 12, 2022 - July 11, 2023)	UB5++, EE7NX, UK3++	CZ4W1	1	\$ 194.73			Per Point
LWT	MI	AT&T LOCAL WHOLESALE TRANSPORT	DS3 Interoffice Mileage Termination - Per Point of Termination Zone 1 (Effective July 12, 2023 - July 11, 2024)	UB5++, EE7NX, UK3++	CZ4W1	1	\$ 389.46			Per Point
LWT	MI	AT&T LOCAL WHOLESALE TRANSPORT	DS3 Interoffice Mileage Termination - Per Point of Termination Zone 1 (Effective July 12, 2024 - July 11, 2025)	UB5++, EE7NX, UK3++	CZ4W1	1	\$ 1,947.30			Per Point
LWT	MI	AT&T LOCAL WHOLESALE TRANSPORT	DS3 Interoffice Mileage Termination - Per Point of Termination Zone 2 (Effective July 12, 2022 - July 11, 2023)	UB5++, EE7NX, UK3++	CZ4W2	2	\$ 172.47			Per Point
LWT	MI	AT&T LOCAL WHOLESALE TRANSPORT	DS3 Interoffice Mileage Termination - Per Point of Termination Zone 2 (Effective July 12, 2023 - July 11, 2024)	UB5++, EE7NX, UK3++	CZ4W2	2	\$ 344.94			Per Point
LWT	MI	AT&T LOCAL WHOLESALE TRANSPORT	DS3 Interoffice Mileage Termination - Per Point of Termination Zone 2 (Effective July 12, 2024 - July 11, 2025)	UB5++, EE7NX, UK3++	CZ4W2	2	\$ 1,724.70			Per Point

LWT	MI	AT&T LOCAL WHOLESALE TRANSPORT	DS3 Interoffice Mileage Termination - Per Point of Termination Zone 3 (Effective July 12, 2022 - July 11, 2023)	UB5++, EE7NX, UK3++	CZ4W3	3	\$ 165.03			Per Point
LWT	MI	AT&T LOCAL WHOLESALE TRANSPORT	DS3 Interoffice Mileage Termination - Per Point of Termination Zone 3 (Effective July 12, 2023 - July 11, 2024)	UB5++, EE7NX, UK3++	CZ4W3	3	\$ 330.06			Per Point
LWT	MI	AT&T LOCAL WHOLESALE TRANSPORT	DS3 Interoffice Mileage Termination - Per Point of Termination Zone 3 (Effective July 12, 2024 - July 11, 2025)	UB5++, EE7NX, UK3++	CZ4W3	3	\$ 1,650.30			Per Point
LWT	MI	AT&T LOCAL WHOLESALE TRANSPORT	DS3 Interoffice Mileage Termination - Per Point of Termination Interzone (Effective July 12, 2022 - July 11, 2023)	UB5++, EE7NX, UK3++	CZ4WZ	I	\$ 182.25			Per Point
LWT	MI	AT&T LOCAL WHOLESALE TRANSPORT	DS3 Interoffice Mileage Termination - Per Point of Termination Interzone (Effective July 12, 2023 - July 11, 2024)	UB5++, EE7NX, UK3++	CZ4WZ	I	\$ 364.50			Per Point
LWT	MI	AT&T LOCAL WHOLESALE TRANSPORT	DS3 Interoffice Mileage Termination - Per Point of Termination Interzone (Effective July 12, 2024 - July 11, 2025)	UB5++, EE7NX, UK3++	CZ4WZ	I	\$ 1,822.50			Per Point
LWT	MI	AT&T LOCAL WHOLESALE TRANSPORT	DS3 Interoffice Mileage - Per Mile Zone 1 (Effective July 12, 2022 - July 11, 2023)	UB5++, EE7NX, UK3++	1YZB1	1	\$ 9.30			Per Mile
LWT	MI	AT&T LOCAL WHOLESALE TRANSPORT	DS3 Interoffice Mileage - Per Mile Zone 1 (Effective July 12, 2023 - July 11, 2024)	UB5++, EE7NX, UK3++	1YZB1	1	\$ 18.60			Per Mile
LWT	MI	AT&T LOCAL WHOLESALE TRANSPORT	DS3 Interoffice Mileage - Per Mile Zone 1 (Effective July 12, 2024 - July 11, 2025)	UB5++, EE7NX, UK3++	1YZB1	1	\$ 93.00			Per Mile
LWT	MI	AT&T LOCAL WHOLESALE TRANSPORT	DS3 Interoffice Mileage - Per Mile Zone 2 (Effective July 12, 2022 - July 11, 2023)	UB5++, EE7NX, UK3++	1YZB2	2	\$ 5.76			Per Mile
LWT	MI	AT&T LOCAL WHOLESALE TRANSPORT	DS3 Interoffice Mileage - Per Mile Zone 2 (Effective July 12, 2023 - July 11, 2024)	UB5++, EE7NX, UK3++	1YZB2	2	\$ 11.52			Per Mile
LWT	MI	AT&T LOCAL WHOLESALE TRANSPORT	DS3 Interoffice Mileage - Per Mile Zone 2 (Effective July 12, 2024 - July 11, 2025)	UB5++, EE7NX, UK3++	1YZB2	2	\$ 57.60			Per Mile
LWT	MI	AT&T LOCAL WHOLESALE TRANSPORT	DS3 Interoffice Mileage - Per Mile Zone 3 (Effective July 12, 2022 - July 11, 2023)	UB5++, EE7NX, UK3++	1YZB3	3	\$ 14.28			Per Mile
LWT	MI	AT&T LOCAL WHOLESALE TRANSPORT	DS3 Interoffice Mileage - Per Mile Zone 3 (Effective July 12, 2023 - July 11, 2024)	UB5++, EE7NX, UK3++	1YZB3	3	\$ 28.56			Per Mile
LWT	MI	AT&T LOCAL WHOLESALE TRANSPORT	DS3 Interoffice Mileage - Per Mile Zone 3 (Effective July 12, 2024 - July 11, 2025)	UB5++, EE7NX, UK3++	1YZB3	3	\$ 142.80			Per Mile
LWT	MI	AT&T LOCAL WHOLESALE TRANSPORT	DS3 Interoffice Mileage - Per Mile Interzone (Effective July 12, 2022 - July 11, 2023)	UB5++, EE7NX, UK3++	1YZBZ	I	\$ 5.59			Per Mile
LWT	MI	AT&T LOCAL WHOLESALE TRANSPORT	DS3 Interoffice Mileage - Per Mile Interzone (Effective July 12, 2023 - July 11, 2024)	UB5++, EE7NX, UK3++	1YZBZ	I	\$ 11.18			Per Mile
LWT	MI	AT&T LOCAL WHOLESALE TRANSPORT	DS3 Interoffice Mileage - Per Mile Interzone (Effective July 12, 2024 - July 11, 2025)	UB5++, EE7NX, UK3++	1YZBZ	I	\$ 55.90			Per Mile
LWT	MI	AT&T LOCAL WHOLESALE TRANSPORT	Multiplexing DS1 to Voice Grade All Zones, Per Arrangement (Effective July 12, 2022 - July 11, 2023)	UB5++, UK1++	QMVX1		\$ 420.36	NA	NA	Per Arrangement
LWT	MI	AT&T LOCAL WHOLESALE TRANSPORT	Multiplexing DS1 to Voice Grade All Zones, Per Arrangement (Effective July 12, 2023 - July 11, 2024)	UB5++, UK1++	QMVX1		\$ 840.72	NA	NA	Per Arrangement
LWT	MI	AT&T LOCAL WHOLESALE TRANSPORT	Multiplexing DS1 to Voice Grade All Zones, Per Arrangement (Effective July 12, 2024 - July 11, 2025)	UB5++, UK1++	QMVX1		\$ 4,203.60	NA	NA	Per Arrangement
LWT	MI	AT&T LOCAL WHOLESALE TRANSPORT	Multiplexing DS1 to Voice Grade All Zones, Per Arrangement (Effective July 12, 2022 - July 11, 2023)	UB5++, UK1++	QMVX2		\$ 420.36	NA	NA	Per Arrangement
LWT	MI	AT&T LOCAL WHOLESALE TRANSPORT	Multiplexing DS1 to Voice Grade All Zones, Per Arrangement (Effective July 12, 2023 - July 11, 2024)	UB5++, UK1++	QMVX2		\$ 840.72	NA	NA	Per Arrangement
LWT	MI	AT&T LOCAL WHOLESALE TRANSPORT	Multiplexing DS1 to Voice Grade All Zones, Per Arrangement (Effective July 12, 2024 - July 11, 2025)	UB5++, UK1++	QMVX2		\$ 4,203.60	NA	NA	Per Arrangement
LWT	MI	AT&T LOCAL WHOLESALE TRANSPORT	Multiplexing DS1 to Voice Grade All Zones, Per Arrangement (Effective July 12, 2022 - July 11, 2023)	UB5++, UK1++	QMVX3		\$ 420.36	NA	NA	Per Arrangement
LWT	MI	AT&T LOCAL WHOLESALE TRANSPORT	Multiplexing DS1 to Voice Grade All Zones, Per Arrangement (Effective July 12, 2023 - July 11, 2024)	UB5++, UK1++	QMVX3		\$ 840.72	NA	NA	Per Arrangement
LWT	MI	AT&T LOCAL WHOLESALE TRANSPORT	Multiplexing DS1 to Voice Grade All Zones, Per Arrangement (Effective July 12, 2024 - July 11, 2025)	UB5++, UK1++	QMVX3		\$ 4,203.60	NA	NA	Per Arrangement
LWT	MI	AT&T LOCAL WHOLESALE TRANSPORT	Multiplexing DS3 to DS1 All Zones, Per Arrangement (Effective July 12, 2022 - July 11, 2023)	UB5++, UK3++	QM3X1		\$ 621.82	NA	NA	per arrangement
LWT	MI	AT&T LOCAL WHOLESALE TRANSPORT	Multiplexing DS3 to DS1 All Zones, Per Arrangement (Effective July 12, 2023 - July 11, 2024)	UB5++, UK3++	QM3X1		\$ 1,243.64	NA	NA	per arrangement
LWT	MI	AT&T LOCAL WHOLESALE TRANSPORT	Multiplexing DS3 to DS1 All Zones, Per Arrangement (Effective July 12, 2024 - July 11, 2025)	UB5++, UK3++	QM3X1		\$ 6,218.20	NA	NA	per arrangement
LWT	MI	AT&T LOCAL WHOLESALE TRANSPORT	Multiplexing DS3 to DS1 All Zones, Per Arrangement (Effective July 12, 2022 - July 11, 2023)	UB5++, UK3++	QM3X2		\$ 621.82	NA	NA	per arrangement
LWT	MI	AT&T LOCAL WHOLESALE TRANSPORT	Multiplexing DS3 to DS1 All Zones, Per Arrangement (Effective July 12, 2023 - July 11, 2024)	UB5++, UK3++	QM3X2		\$ 1,243.64	NA	NA	per arrangement
LWT	MI	AT&T LOCAL WHOLESALE TRANSPORT	Multiplexing DS3 to DS1 All Zones, Per Arrangement (Effective July 12, 2024 - July 11, 2025)	UB5++, UK3++	QM3X2		\$ 6,218.20	NA	NA	per arrangement
LWT	MI	AT&T LOCAL WHOLESALE TRANSPORT	Multiplexing DS3 to DS1 All Zones, Per Arrangement (Effective July 12, 2022 - July 11, 2023)	UB5++, UK3++	QM3X3		\$ 621.82	NA	NA	per arrangement

LWT	MI	AT&T LOCAL WHOLESALE TRANSPORT	Multiplexing DS3 to DS1 All Zones, Per Arrangement (Effective July 12, 2023 - July 11, 2024)	UB5++, UK3++	QM3X3		\$ 1,243.64	NA	NA	per arrangement
LWT	MI	AT&T LOCAL WHOLESALE TRANSPORT	Multiplexing DS3 to DS1 All Zones, Per Arrangement (Effective July 12, 2024 - July 11, 2025)	UB5++, UK3++	QM3X3		\$ 6,218.20	NA	NA	per arrangement
LWT	MI	AT&T LOCAL WHOLESALE TRANSPORT	Dedicated Transport Cross Connects DS1 (Effective July 12, 2022 - July 11, 2023)	UB5++, EE7MX, UK1++	CXCDX		\$ 10.33	NA	NA	
LWT	MI	AT&T LOCAL WHOLESALE TRANSPORT	Dedicated Transport Cross Connects DS1 (Effective July 12, 2023 - July 11, 2024)	UB5++, EE7MX, UK1++	CXCDX		\$ 20.66	NA	NA	
LWT	MI	AT&T LOCAL WHOLESALE TRANSPORT	Dedicated Transport Cross Connects DS1 (Effective July 12, 2024 - July 11, 2025)	UB5++, EE7MX, UK1++	CXCDX		\$ 103.30	NA	NA	

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
LWT	MO	AT&T LOCAL WHOLESale TRANSPORT	DT-DS1 Interoffice Transport, First Mile - Zone 1 (Urban STL, KC) (Effective July 12, 2022 - July 11, 2023)		ULNHS	1	\$ 167.17	\$ 455.35	\$ 291.05	1st mile
LWT	MO	AT&T LOCAL WHOLESale TRANSPORT	DT-DS1 Interoffice Transport, First Mile - Zone 1 (Urban STL, KC) (Effective July 12, 2023 - July 11, 2024)		ULNHS	1	\$ 334.34	\$ 455.35	\$ 291.05	1st mile
LWT	MO	AT&T LOCAL WHOLESale TRANSPORT	DT-DS1 Interoffice Transport, First Mile - Zone 1 (Urban STL, KC) (Effective July 12, 2024 - July 11, 2025)		ULNHS	1	\$ 1,671.70	\$ 455.35	\$ 291.05	1st mile
LWT	MO	AT&T LOCAL WHOLESale TRANSPORT	DT-DS1 Interoffice Transport, First Mile - Zone 2 (Suburban) (Effective July 12, 2022 - July 11, 2023)		ULNHS	2	\$ 227.32	\$ 455.35	\$ 291.05	1st mile
LWT	MO	AT&T LOCAL WHOLESale TRANSPORT	DT-DS1 Interoffice Transport, First Mile - Zone 2 (Suburban) (Effective July 12, 2023 - July 11, 2024)		ULNHS	2	\$ 454.64	\$ 455.35	\$ 291.05	1st mile
LWT	MO	AT&T LOCAL WHOLESale TRANSPORT	DT-DS1 Interoffice Transport, First Mile - Zone 2 (Suburban) (Effective July 12, 2024 - July 11, 2025)		ULNHS	2	\$ 2,273.20	\$ 455.35	\$ 291.05	1st mile
LWT	MO	AT&T LOCAL WHOLESale TRANSPORT	DT-DS1 Interoffice Transport, First Mile - Zone 3 (Rural) (Effective July 12, 2022 - July 11, 2023)		ULNHS	3	\$ 418.95	\$ 455.35	\$ 291.05	1st mile
LWT	MO	AT&T LOCAL WHOLESale TRANSPORT	DT-DS1 Interoffice Transport, First Mile - Zone 3 (Rural) (Effective July 12, 2023 - July 11, 2024)		ULNHS	3	\$ 837.90	\$ 455.35	\$ 291.05	1st mile
LWT	MO	AT&T LOCAL WHOLESale TRANSPORT	DT-DS1 Interoffice Transport, First Mile - Zone 3 (Rural) (Effective July 12, 2024 - July 11, 2025)		ULNHS	3	\$ 4,189.50	\$ 455.35	\$ 291.05	1st mile
LWT	MO	AT&T LOCAL WHOLESale TRANSPORT	DT-DS1 Interoffice Transport, First Mile - Zone 4 (Urban Springfield) (Effective July 12, 2022 - July 11, 2023)		ULNHS	4	\$ 167.17	\$ 455.35	\$ 291.05	1st mile
LWT	MO	AT&T LOCAL WHOLESale TRANSPORT	DT-DS1 Interoffice Transport, First Mile - Zone 4 (Urban Springfield) (Effective July 12, 2023 - July 11, 2024)		ULNHS	4	\$ 334.34	\$ 455.35	\$ 291.05	1st mile
LWT	MO	AT&T LOCAL WHOLESale TRANSPORT	DT-DS1 Interoffice Transport, First Mile - Zone 4 (Urban Springfield) (Effective July 12, 2024 - July 11, 2025)		ULNHS	4	\$ 1,671.70	\$ 455.35	\$ 291.05	1st mile
LWT	MO	AT&T LOCAL WHOLESale TRANSPORT	DT-DS1 Interoffice Transport, First Mile - Interzone (Effective July 12, 2022 - July 11, 2023)		ULNHS	I	\$ 300.15	\$ 455.35	\$ 291.05	1st mile
LWT	MO	AT&T LOCAL WHOLESale TRANSPORT	DT-DS1 Interoffice Transport, First Mile - Interzone (Effective July 12, 2023 - July 11, 2024)		ULNHS	I	\$ 600.30	\$ 455.35	\$ 291.05	1st mile
LWT	MO	AT&T LOCAL WHOLESale TRANSPORT	DT-DS1 Interoffice Transport, First Mile - Interzone (Effective July 12, 2024 - July 11, 2025)		ULNHS	I	\$ 3,001.50	\$ 455.35	\$ 291.05	1st mile
LWT	MO	AT&T LOCAL WHOLESale TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile - Zone 1 (Urban STL, KC) (Effective July 12, 2022 - July 11, 2023)		ULNHS	1	\$ 4.65	NA	NA	each additional mile
LWT	MO	AT&T LOCAL WHOLESale TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile - Zone 1 (Urban STL, KC) (Effective July 12, 2023 - July 11, 2024)		ULNHS	1	\$ 9.30	NA	NA	each additional mile
LWT	MO	AT&T LOCAL WHOLESale TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile - Zone 1 (Urban STL, KC) (Effective July 12, 2024 - July 11, 2025)		ULNHS	1	\$ 46.50	NA	NA	each additional mile
LWT	MO	AT&T LOCAL WHOLESale TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile - Zone 2 (Suburban) (Effective July 12, 2022 - July 11, 2023)		ULNHS	2	\$ 13.12	NA	NA	each additional mile
LWT	MO	AT&T LOCAL WHOLESale TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile - Zone 2 (Suburban) (Effective July 12, 2023 - July 11, 2024)		ULNHS	2	\$ 26.24	NA	NA	each additional mile
LWT	MO	AT&T LOCAL WHOLESale TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile - Zone 2 (Suburban) (Effective July 12, 2024 - July 11, 2025)		ULNHS	2	\$ 131.20	NA	NA	each additional mile
LWT	MO	AT&T LOCAL WHOLESale TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile - Zone 3 (Rural) (Effective July 12, 2022 - July 11, 2023)		ULNHS	3	\$ 21.82	NA	NA	each additional mile
LWT	MO	AT&T LOCAL WHOLESale TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile - Zone 3 (Rural) (Effective July 12, 2023 - July 11, 2024)		ULNHS	3	\$ 43.64	NA	NA	each additional mile
LWT	MO	AT&T LOCAL WHOLESale TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile - Zone 3 (Rural) (Effective July 12, 2024 - July 11, 2025)		ULNHS	3	\$ 218.20	NA	NA	each additional mile
LWT	MO	AT&T LOCAL WHOLESale TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile - Zone 4 (Urban Springfield) (Effective July 12, 2022 - July 11, 2023)		ULNHS	4	\$ 4.65	NA	NA	each additional mile
LWT	MO	AT&T LOCAL WHOLESale TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile - Zone 4 (Urban Springfield) (Effective July 12, 2023 - July 11, 2024)		ULNHS	4	\$ 9.30	NA	NA	each additional mile
LWT	MO	AT&T LOCAL WHOLESale TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile - Zone 4 (Urban Springfield) (Effective July 12, 2024 - July 11, 2025)		ULNHS	4	\$ 46.50	NA	NA	each additional mile
LWT	MO	AT&T LOCAL WHOLESale TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile - Interzone (Effective July 12, 2022 - July 11, 2023)		ULNHS	I	\$ 7.20	NA	NA	each additional mile
LWT	MO	AT&T LOCAL WHOLESale TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile - Interzone (Effective July 12, 2023 - July 11, 2024)		ULNHS	I	\$ 14.40	NA	NA	each additional mile

LWT	MO	AT&T LOCAL WHOLESALE TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile - Interzone (Effective July 12, 2024 - July 11, 2025)		ULNHS	I	\$ 72.00	NA	NA	each additional mile
LWT	MO	AT&T LOCAL WHOLESALE TRANSPORT	DT-DS3 Interoffice Transport, First Mile - Zone 1 (Urban STL, KC) (Effective July 12, 2022 - July 11, 2023)		ULNJS	1	\$ 2,084.17	\$ 490.35	\$ 332.75	1st mile
LWT	MO	AT&T LOCAL WHOLESALE TRANSPORT	DT-DS3 Interoffice Transport, First Mile - Zone 1 (Urban STL, KC) (Effective July 12, 2023 - July 11, 2024)		ULNJS	1	\$ 4,168.34	\$ 490.35	\$ 332.75	1st mile
LWT	MO	AT&T LOCAL WHOLESALE TRANSPORT	DT-DS3 Interoffice Transport, First Mile - Zone 1 (Urban STL, KC) (Effective July 12, 2024 - July 11, 2025)		ULNJS	1	\$ 20,841.70	\$ 490.35	\$ 332.75	1st mile
LWT	MO	AT&T LOCAL WHOLESALE TRANSPORT	DT-DS3 Interoffice Transport, First Mile - Zone 2 (Suburban) (Effective July 12, 2022 - July 11, 2023)		ULNJS	2	\$ 4,175.10	\$ 490.35	\$ 332.75	1st mile
LWT	MO	AT&T LOCAL WHOLESALE TRANSPORT	DT-DS3 Interoffice Transport, First Mile - Zone 2 (Suburban) (Effective July 12, 2023 - July 11, 2024)		ULNJS	2	\$ 8,350.20	\$ 490.35	\$ 332.75	1st mile
LWT	MO	AT&T LOCAL WHOLESALE TRANSPORT	DT-DS3 Interoffice Transport, First Mile - Zone 2 (Suburban) (Effective July 12, 2024 - July 11, 2025)		ULNJS	2	\$ 41,751.00	\$ 490.35	\$ 332.75	1st mile
LWT	MO	AT&T LOCAL WHOLESALE TRANSPORT	DT-DS3 Interoffice Transport, First Mile - Zone 3 (Rural) (Effective July 12, 2022 - July 11, 2023)		ULNJS	3	\$ 5,077.42	\$ 490.35	\$ 332.75	1st mile
LWT	MO	AT&T LOCAL WHOLESALE TRANSPORT	DT-DS3 Interoffice Transport, First Mile - Zone 3 (Rural) (Effective July 12, 2023 - July 11, 2024)		ULNJS	3	\$ 10,154.84	\$ 490.35	\$ 332.75	1st mile
LWT	MO	AT&T LOCAL WHOLESALE TRANSPORT	DT-DS3 Interoffice Transport, First Mile - Zone 3 (Rural) (Effective July 12, 2024 - July 11, 2025)		ULNJS	3	\$ 50,774.20	\$ 490.35	\$ 332.75	1st mile
LWT	MO	AT&T LOCAL WHOLESALE TRANSPORT	DT-DS3 Interoffice Transport, First Mile - Zone 4 (Urban Springfield) (Effective July 12, 2022 - July 11, 2023)		ULNJS	4	\$ 2,084.17	\$ 490.35	\$ 332.75	1st mile
LWT	MO	AT&T LOCAL WHOLESALE TRANSPORT	DT-DS3 Interoffice Transport, First Mile - Zone 4 (Urban Springfield) (Effective July 12, 2023 - July 11, 2024)		ULNJS	4	\$ 4,168.34	\$ 490.35	\$ 332.75	1st mile
LWT	MO	AT&T LOCAL WHOLESALE TRANSPORT	DT-DS3 Interoffice Transport, First Mile - Zone 4 (Urban Springfield) (Effective July 12, 2024 - July 11, 2025)		ULNJS	4	\$ 20,841.70	\$ 490.35	\$ 332.75	1st mile
LWT	MO	AT&T LOCAL WHOLESALE TRANSPORT	DT-DS3 Interoffice Transport, First Mile - Interzone (Effective July 12, 2022 - July 11, 2023)		ULNJS	I	\$ 4,932.45	\$ 490.35	\$ 332.75	1st mile
LWT	MO	AT&T LOCAL WHOLESALE TRANSPORT	DT-DS3 Interoffice Transport, First Mile - Interzone (Effective July 12, 2023 - July 11, 2024)		ULNJS	I	\$ 9,864.90	\$ 490.35	\$ 332.75	1st mile
LWT	MO	AT&T LOCAL WHOLESALE TRANSPORT	DT-DS3 Interoffice Transport, First Mile - Interzone (Effective July 12, 2024 - July 11, 2025)		ULNJS	I	\$ 49,324.50	\$ 490.35	\$ 332.75	1st mile
LWT	MO	AT&T LOCAL WHOLESALE TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile - Zone 1 (Urban STL, KC) (Effective July 12, 2022 - July 11, 2023)		ULNJS	1	\$ 122.70	NA	NA	each additional mile
LWT	MO	AT&T LOCAL WHOLESALE TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile - Zone 1 (Urban STL, KC) (Effective July 12, 2023 - July 11, 2024)		ULNJS	1	\$ 245.40	NA	NA	each additional mile
LWT	MO	AT&T LOCAL WHOLESALE TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile - Zone 1 (Urban STL, KC) (Effective July 12, 2024 - July 11, 2025)		ULNJS	1	\$ 1,227.00	NA	NA	each additional mile
LWT	MO	AT&T LOCAL WHOLESALE TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile - Zone 2 (Suburban) (Effective July 12, 2022 - July 11, 2023)		ULNJS	2	\$ 457.12	NA	NA	each additional mile
LWT	MO	AT&T LOCAL WHOLESALE TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile - Zone 2 (Suburban) (Effective July 12, 2023 - July 11, 2024)		ULNJS	2	\$ 914.24	NA	NA	each additional mile
LWT	MO	AT&T LOCAL WHOLESALE TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile - Zone 2 (Suburban) (Effective July 12, 2024 - July 11, 2025)		ULNJS	2	\$ 4,571.20	NA	NA	each additional mile
LWT	MO	AT&T LOCAL WHOLESALE TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile - Zone 3 (Rural) (Effective July 12, 2022 - July 11, 2023)		ULNJS	3	\$ 469.35	NA	NA	each additional mile
LWT	MO	AT&T LOCAL WHOLESALE TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile - Zone 3 (Rural) (Effective July 12, 2023 - July 11, 2024)		ULNJS	3	\$ 938.70	NA	NA	each additional mile
LWT	MO	AT&T LOCAL WHOLESALE TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile - Zone 3 (Rural) (Effective July 12, 2024 - July 11, 2025)		ULNJS	3	\$ 4,693.50	NA	NA	each additional mile
LWT	MO	AT&T LOCAL WHOLESALE TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile - Zone 4 (Urban Springfield) (Effective July 12, 2022 - July 11, 2023)		ULNJS	4	\$ 122.70	NA	NA	each additional mile
LWT	MO	AT&T LOCAL WHOLESALE TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile - Zone 4 (Urban Springfield) (Effective July 12, 2023 - July 11, 2024)		ULNJS	4	\$ 245.40	NA	NA	each additional mile
LWT	MO	AT&T LOCAL WHOLESALE TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile - Zone 4 (Urban Springfield) (Effective July 12, 2024 - July 11, 2025)		ULNJS	4	\$ 1,227.00	NA	NA	each additional mile
LWT	MO	AT&T LOCAL WHOLESALE TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile - Interzone (Effective July 12, 2022 - July 11, 2023)		ULNJS	I	\$ 186.67	NA	NA	each additional mile
LWT	MO	AT&T LOCAL WHOLESALE TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile - Interzone (Effective July 12, 2023 - July 11, 2024)		ULNJS	I	\$ 373.34	NA	NA	each additional mile
LWT	MO	AT&T LOCAL WHOLESALE TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile - Interzone (Effective July 12, 2024 - July 11, 2025)		ULNJS	I	\$ 1,866.70	NA	NA	each additional mile
LWT	MO	AT&T LOCAL WHOLESALE TRANSPORT	Dedicated Transport Cross Connect to POA: DS1 - Method 1 (Effective July 12, 2022 - July 11, 2023)		UXRQ1	1	\$ 18.45	NA	NA	
LWT	MO	AT&T LOCAL WHOLESALE TRANSPORT	Dedicated Transport Cross Connect to POA: DS1 - Method 1 (Effective July 12, 2023 - July 11, 2024)		UXRQ1	1	\$ 36.90	NA	NA	

LWT	MO	AT&T LOCAL WHOLESale TRANSPORT	Dedicated Transport Cross Connect to POA: DS1 - Method 1 (Effective July 12, 2024 - July 11, 2025)		UXRQ1	1	\$ 184.50	NA	NA	
LWT	MO	AT&T LOCAL WHOLESale TRANSPORT	Dedicated Transport Cross Connect to POA: DS1 - Method 2 (Effective July 12, 2022 - July 11, 2023)		UXRQ2	2	\$ 18.52	NA	NA	
LWT	MO	AT&T LOCAL WHOLESale TRANSPORT	Dedicated Transport Cross Connect to POA: DS1 - Method 2 (Effective July 12, 2023 - July 11, 2024)		UXRQ2	2	\$ 37.04	NA	NA	
LWT	MO	AT&T LOCAL WHOLESale TRANSPORT	Dedicated Transport Cross Connect to POA: DS1 - Method 2 (Effective July 12, 2024 - July 11, 2025)		UXRQ2	2	\$ 185.20	NA	NA	
LWT	MO	AT&T LOCAL WHOLESale TRANSPORT	Dedicated Transport Cross Connect to POA: DS1 - Method 3 (Effective July 12, 2022 - July 11, 2023)		UXRQ3	3	\$ 18.52	NA	NA	
LWT	MO	AT&T LOCAL WHOLESale TRANSPORT	Dedicated Transport Cross Connect to POA: DS1 - Method 3 (Effective July 12, 2023 - July 11, 2024)		UXRQ3	3	\$ 37.04	NA	NA	
LWT	MO	AT&T LOCAL WHOLESale TRANSPORT	Dedicated Transport Cross Connect to POA: DS1 - Method 3 (Effective July 12, 2024 - July 11, 2025)		UXRQ3	3	\$ 185.20	NA	NA	
LWT	MO	AT&T LOCAL WHOLESale TRANSPORT	DS1 to VG - Multiplexing (Effective July 12, 2022 - July 11, 2023)		UM4BX		\$ 299.40	\$ 29.85	\$ 17.90	
LWT	MO	AT&T LOCAL WHOLESale TRANSPORT	DS1 to VG - Multiplexing (Effective July 12, 2023 - July 11, 2024)		UM4BX		\$ 598.80	\$ 29.85	\$ 17.90	
LWT	MO	AT&T LOCAL WHOLESale TRANSPORT	DS1 to VG - Multiplexing (Effective July 12, 2024 - July 11, 2025)		UM4BX		\$ 2,994.00	\$ 29.85	\$ 17.90	
LWT	MO	AT&T LOCAL WHOLESale TRANSPORT	DS3 to DS1 - Multiplexing (Effective July 12, 2022 - July 11, 2023)		UM4AX		\$ 1,068.07	\$ 980.20	\$ 924.15	
LWT	MO	AT&T LOCAL WHOLESale TRANSPORT	DS3 to DS1 - Multiplexing (Effective July 12, 2023 - July 11, 2024)		UM4AX		\$ 2,136.14	\$ 980.20	\$ 924.15	
LWT	MO	AT&T LOCAL WHOLESale TRANSPORT	DS3 to DS1 - Multiplexing (Effective July 12, 2024 - July 11, 2025)		UM4AX		\$ 10,680.70	\$ 980.20	\$ 924.15	

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
LWT	MS	AT&T LOCAL WHOLESALE TRANSPORT	Interoffice Channel - DS1 - per mile (Effective July 12, 2022 - July 11, 2023)	U1TD1	1L5XX		\$ 0.30			mile
LWT	MS	AT&T LOCAL WHOLESALE TRANSPORT	Interoffice Channel - DS1 - per mile (Effective July 12, 2023 - July 11, 2024)	U1TD1	1L5XX		\$ 0.60			
LWT	MS	AT&T LOCAL WHOLESALE TRANSPORT	Interoffice Channel - DS1 - per mile (Effective July 12, 2024 - July 11, 2025)	U1TD1	1L5XX		\$ 3.00			
LWT	MS	AT&T LOCAL WHOLESALE TRANSPORT	Interoffice Channel - DS1 - Facility Termination (Effective July 12, 2022 - July 11, 2023)	U1TD1	U1TF1		\$ 85.99	\$ 89.79	\$ 82.28	
LWT	MS	AT&T LOCAL WHOLESALE TRANSPORT	Interoffice Channel - DS1 - Facility Termination (Effective July 12, 2023 - July 11, 2024)	U1TD1	U1TF1		\$ 171.98	\$ 89.79	\$ 82.28	
LWT	MS	AT&T LOCAL WHOLESALE TRANSPORT	Interoffice Channel - DS1 - Facility Termination (Effective July 12, 2024 - July 11, 2025)	U1TD1	U1TF1		\$ 859.90	\$ 89.79	\$ 82.28	
LWT	MS	AT&T LOCAL WHOLESALE TRANSPORT	Interoffice Channel - DS3 - per mile (Effective July 12, 2022 - July 11, 2023)	U1TD3	1L5XX		\$ 7.14			mile
LWT	MS	AT&T LOCAL WHOLESALE TRANSPORT	Interoffice Channel - DS3 - per mile (Effective July 12, 2023 - July 11, 2024)	U1TD3	1L5XX		\$ 14.28			
LWT	MS	AT&T LOCAL WHOLESALE TRANSPORT	Interoffice Channel - DS3 - per mile (Effective July 12, 2024 - July 11, 2025)	U1TD3	1L5XX		\$ 71.40			
LWT	MS	AT&T LOCAL WHOLESALE TRANSPORT	Interoffice Channel - DS3 - Facility Termination (Effective July 12, 2022 - July 11, 2023)	U1TD3	U1TF3		\$ 962.85	\$ 280.37	\$ 163.70	
LWT	MS	AT&T LOCAL WHOLESALE TRANSPORT	Interoffice Channel - DS3 - Facility Termination (Effective July 12, 2023 - July 11, 2024)	U1TD3	U1TF3		\$ 1,925.70	\$ 280.37	\$ 163.70	
LWT	MS	AT&T LOCAL WHOLESALE TRANSPORT	Interoffice Channel - DS3 - Facility Termination (Effective July 12, 2024 - July 11, 2025)	U1TD3	U1TF3		\$ 9,628.50	\$ 280.37	\$ 163.70	

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
LWT	NC	AT&T LOCAL WHOLESALE TRANSPORT	Interoffice Channel - DS1 - per mile (Effective July 12, 2022 - July 11, 2023)	U1TD1	1L5XX		\$ 0.29			mile
LWT	NC	AT&T LOCAL WHOLESALE TRANSPORT	Interoffice Channel - DS1 - per mile (Effective July 12, 2023 - July 11, 2024)	U1TD1	1L5XX		\$ 0.58			
LWT	NC	AT&T LOCAL WHOLESALE TRANSPORT	Interoffice Channel - DS1 - per mile (Effective July 12, 2024 - July 11, 2025)	U1TD1	1L5XX		\$ 2.90			
LWT	NC	AT&T LOCAL WHOLESALE TRANSPORT	Interoffice Channel - DS3 - per mile (Effective July 12, 2022 - July 11, 2023)	U1TD3	1L5XX		\$ 6.65			mile
LWT	NC	AT&T LOCAL WHOLESALE TRANSPORT	Interoffice Channel - DS3 - per mile (Effective July 12, 2023 - July 11, 2024)	U1TD3	1L5XX		\$ 13.32			
LWT	NC	AT&T LOCAL WHOLESALE TRANSPORT	Interoffice Channel - DS3 - per mile (Effective July 12, 2024 - July 11, 2025)	U1TD3	1L5XX		\$ 66.60			
LWT	NC	AT&T LOCAL WHOLESALE TRANSPORT	Interoffice Channel - DS1 - Facility Termination (Effective July 12, 2022 - July 11, 2023)	U1TD1	U1TF1		\$ 46.59	\$ 234.02	\$ 162.52	
LWT	NC	AT&T LOCAL WHOLESALE TRANSPORT	Interoffice Channel - DS1 - Facility Termination (Effective July 12, 2023 - July 11, 2024)	U1TD1	U1TF1		\$ 93.18	\$ 234.02	\$ 162.52	
LWT	NC	AT&T LOCAL WHOLESALE TRANSPORT	Interoffice Channel - DS1 - Facility Termination (Effective July 12, 2024 - July 11, 2025)	U1TD1	U1TF1		\$ 465.90	\$ 234.02	\$ 162.52	
LWT	NC	AT&T LOCAL WHOLESALE TRANSPORT	Interoffice Channel - DS3 - Facility Termination (Effective July 12, 2022 - July 11, 2023)	U1TD3	U1TF3		\$ 494.86	\$ 270.69	\$ 158.05	
LWT	NC	AT&T LOCAL WHOLESALE TRANSPORT	Interoffice Channel - DS3 - Facility Termination (Effective July 12, 2023 - July 11, 2024)	U1TD3	U1TF3		\$ 989.72	\$ 270.69	\$ 158.05	
LWT	NC	AT&T LOCAL WHOLESALE TRANSPORT	Interoffice Channel - DS3 - Facility Termination (Effective July 12, 2024 - July 11, 2025)	U1TD3	U1TF3		\$ 4,948.60	\$ 270.69	\$ 158.05	

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
LWT	NV	AT&T LOCAL WHOLESALE TRANSPORT	Dedicated Transport - DS1 Interoffice Transport - Statewide - Fixed (per termination) (Effective July 12, 2022 - July 11, 2023)	CT1AA, CT1CL, EE7MA, EE7MB, EE7MN	1L5UB		\$ 48.48			
LWT	NV	AT&T LOCAL WHOLESALE TRANSPORT	Dedicated Transport - DS1 Interoffice Transport - Statewide - Fixed (per termination) (Effective July 12, 2023 - July 11, 2024)	CT1AA, CT1CL, EE7MA, EE7MB, EE7MN	1L5UB		\$ 96.96			
LWT	NV	AT&T LOCAL WHOLESALE TRANSPORT	Dedicated Transport - DS1 Interoffice Transport - Statewide - Fixed (per termination) (Effective July 12, 2024 - July 11, 2025)	CT1AA, CT1CL, EE7MA, EE7MB, EE7MN	1L5UB		\$ 484.80			
LWT	NV	AT&T LOCAL WHOLESALE TRANSPORT	Dedicated Transport - DS1 Interoffice Transport - Statewide - Variable (per mile) (Effective July 12, 2022 - July 11, 2023)	CT3AA, CT3CL, EE7PA, EE7PB, EE7PN, EE7QA, EE7QB, EE7QN	1L5UB		\$ 2.76			
LWT	NV	AT&T LOCAL WHOLESALE TRANSPORT	Dedicated Transport - DS1 Interoffice Transport - Statewide - Variable (per mile) (Effective July 12, 2023 - July 11, 2024)	CT3AA, CT3CL, EE7PA, EE7PB, EE7PN, EE7QA, EE7QB, EE7QN	1L5UB		\$ 5.52			
LWT	NV	AT&T LOCAL WHOLESALE TRANSPORT	Dedicated Transport - DS1 Interoffice Transport - Statewide - Variable (per mile) (Effective July 12, 2024 - July 11, 2025)	CT3AA, CT3CL, EE7PA, EE7PB, EE7PN, EE7QA, EE7QB, EE7QN	1L5UB		\$ 27.60			
LWT	NV	AT&T LOCAL WHOLESALE TRANSPORT	Dedicated Transport - DS3 Interoffice Transport - Statewide - Fixed (per termination) (Effective July 12, 2022 - July 11, 2023)	CT1AA, CT1CL, EE7MA, EE7MB, EE7MN	1L5UB		\$ 559.05			
LWT	NV	AT&T LOCAL WHOLESALE TRANSPORT	Dedicated Transport - DS3 Interoffice Transport - Statewide - Fixed (per termination) (Effective July 12, 2023 - July 11, 2024)	CT1AA, CT1CL, EE7MA, EE7MB, EE7MN	1L5UB		\$ 1,118.10			
LWT	NV	AT&T LOCAL WHOLESALE TRANSPORT	Dedicated Transport - DS3 Interoffice Transport - Statewide - Fixed (per termination) (Effective July 12, 2024 - July 11, 2025)	CT1AA, CT1CL, EE7MA, EE7MB, EE7MN	1L5UB		\$ 5,590.50			
LWT	NV	AT&T LOCAL WHOLESALE TRANSPORT	Dedicated Transport - DS3 Interoffice Transport - Statewide - Variable (per mile) (Effective July 12, 2022 - July 11, 2023)	CT3AA, CT3CL, EE7PA, EE7PB, EE7PN, EE7QA, EE7QB, EE7QN	1L5UB		\$ 53.58			
LWT	NV	AT&T LOCAL WHOLESALE TRANSPORT	Dedicated Transport - DS3 Interoffice Transport - Statewide - Variable (per mile) (Effective July 12, 2023 - July 11, 2024)	CT3AA, CT3CL, EE7PA, EE7PB, EE7PN, EE7QA, EE7QB, EE7QN	1L5UB		\$ 107.16			
LWT	NV	AT&T LOCAL WHOLESALE TRANSPORT	Dedicated Transport - DS3 Interoffice Transport - Statewide - Variable (per mile) (Effective July 12, 2024 - July 11, 2025)	CT3AA, CT3CL, EE7PA, EE7PB, EE7PN, EE7QA, EE7QB, EE7QN	1L5UB		\$ 535.80			
LWT	NV	AT&T LOCAL WHOLESALE TRANSPORT	Dedicated Transport Cross Connect - DS1 to Collocation (Effective July 12, 2022 - July 11, 2023)				\$ 34.47			
LWT	NV	AT&T LOCAL WHOLESALE TRANSPORT	Dedicated Transport Cross Connect - DS1 to Collocation (Effective July 12, 2023 - July 11, 2024)				\$ 68.94			
LWT	NV	AT&T LOCAL WHOLESALE TRANSPORT	Dedicated Transport Cross Connect - DS1 to Collocation (Effective July 12, 2024 - July 11, 2025)				\$ 442.00			
LWT	NV	AT&T LOCAL WHOLESALE TRANSPORT	Dedicated Transport Cross Connect - DS3 to Collocation (Effective July 12, 2022 - July 11, 2023)				\$ 44.20			
LWT	NV	AT&T LOCAL WHOLESALE TRANSPORT	Dedicated Transport Cross Connect - DS3 to Collocation (Effective July 12, 2023 - July 11, 2024)				\$ 88.40			
LWT	NV	AT&T LOCAL WHOLESALE TRANSPORT	Dedicated Transport Cross Connect - DS3 to Collocation (Effective July 12, 2024 - July 11, 2025)				\$ 442.00			
LWT	NV	AT&T LOCAL WHOLESALE TRANSPORT	Multiplexing - DS1 / Voice Grade (Effective July 12, 2022 - July 11, 2023)	CT1AA, CT1CL, EE7MA, EE7MB, EE7MN	MQ1UB		\$ 398.83			
LWT	NV	AT&T LOCAL WHOLESALE TRANSPORT	Multiplexing - DS1 / Voice Grade (Effective July 12, 2023 - July 11, 2024)	CT1AA, CT1CL, EE7MA, EE7MB, EE7MN	MQ1UB		\$ 797.66			
LWT	NV	AT&T LOCAL WHOLESALE TRANSPORT	Multiplexing - DS1 / Voice Grade (Effective July 12, 2024 - July 11, 2025)	CT1AA, CT1CL, EE7MA, EE7MB, EE7MN	MQ1UB		\$ 3,988.30			
LWT	NV	AT&T LOCAL WHOLESALE TRANSPORT	Multiplexing - DS3 / DS1 (Effective July 12, 2022 - July 11, 2023)	CT3AA, CT3CL, EE7PA, EE7PB, EE7PN, EE7QA, EE7QB, EE7QN	MQ3UB		\$ 1,010.91			
LWT	NV	AT&T LOCAL WHOLESALE TRANSPORT	Multiplexing - DS3 / DS1 (Effective July 12, 2023 - July 11, 2024)	CT3AA, CT3CL, EE7PA, EE7PB, EE7PN, EE7QA, EE7QB, EE7QN	MQ3UB		\$ 2,021.82			
LWT	NV	AT&T LOCAL WHOLESALE TRANSPORT	Multiplexing - DS3 / DS1 (Effective July 12, 2024 - July 11, 2025)	CT3AA, CT3CL, EE7PA, EE7PB, EE7PN, EE7QA, EE7QB, EE7QN	MQ3UB		\$ 10,109.10			

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LWT	OH	AT&T LOCAL WHOLESALE TRANSPORT	Dedicated Transport Interoffice Transport: 'DS3 Interoffice Mileage - Per Mile - All Zones (Effective July 12, 2024 - July 11, 2025)	UB5++, EE7NX, UK3++	1YZB1		\$ 324.10	NA	Per Mile
LWT	OH	AT&T LOCAL WHOLESALE TRANSPORT	Dedicated Transport Interoffice Transport: 'DS3 Interoffice Mileage - Per Mile - All Zones (Effective July 12, 2022 - July 11, 2023)	UB5++, EE7NX, UK3++	1YZB2		\$ 32.41	NA	Per Mile
LWT	OH	AT&T LOCAL WHOLESALE TRANSPORT	Dedicated Transport Interoffice Transport: 'DS3 Interoffice Mileage - Per Mile - All Zones (Effective July 12, 2023 - July 11, 2024)	UB5++, EE7NX, UK3++	1YZB2		\$ 64.82	NA	Per Mile
LWT	OH	AT&T LOCAL WHOLESALE TRANSPORT	Dedicated Transport Interoffice Transport: 'DS3 Interoffice Mileage - Per Mile - All Zones (Effective July 12, 2024 - July 11, 2025)	UB5++, EE7NX, UK3++	1YZB2		\$ 324.10	NA	Per Mile
LWT	OH	AT&T LOCAL WHOLESALE TRANSPORT	Dedicated Transport Interoffice Transport: 'DS3 Interoffice Mileage - Per Mile - All Zones (Effective July 12, 2022 - July 11, 2023)	UB5++, EE7NX, UK3++	1YZB3		\$ 32.41	NA	Per Mile
LWT	OH	AT&T LOCAL WHOLESALE TRANSPORT	Dedicated Transport Interoffice Transport: 'DS3 Interoffice Mileage - Per Mile - All Zones (Effective July 12, 2023 - July 11, 2024)	UB5++, EE7NX, UK3++	1YZB3		\$ 64.82	NA	Per Mile
LWT	OH	AT&T LOCAL WHOLESALE TRANSPORT	Dedicated Transport Interoffice Transport: 'DS3 Interoffice Mileage - Per Mile - All Zones (Effective July 12, 2024 - July 11, 2025)	UB5++, EE7NX, UK3++	1YZB3		\$ 324.10	NA	Per Mile
LWT	OH	AT&T LOCAL WHOLESALE TRANSPORT	Multiplexing DS1 to Voice Grade (Effective July 12, 2022 - July 11, 2023)	UB5++, UK1++	QMVX1		\$ 419.70	NA	
LWT	OH	AT&T LOCAL WHOLESALE TRANSPORT	Multiplexing DS1 to Voice Grade (Effective July 12, 2023 - July 11, 2024)	UB5++, UK1++	QMVX1		\$ 839.40	NA	
LWT	OH	AT&T LOCAL WHOLESALE TRANSPORT	Multiplexing DS1 to Voice Grade (Effective July 12, 2024 - July 11, 2025)	UB5++, UK1++	QMVX1		\$ 4,197.00	NA	
LWT	OH	AT&T LOCAL WHOLESALE TRANSPORT	Multiplexing DS1 to Voice Grade (Effective July 12, 2022 - July 11, 2023)	UB5++, UK1++	QMVX2		\$ 419.70	NA	
LWT	OH	AT&T LOCAL WHOLESALE TRANSPORT	Multiplexing DS1 to Voice Grade (Effective July 12, 2023 - July 11, 2024)	UB5++, UK1++	QMVX2		\$ 839.40	NA	
LWT	OH	AT&T LOCAL WHOLESALE TRANSPORT	Multiplexing DS1 to Voice Grade (Effective July 12, 2024 - July 11, 2025)	UB5++, UK1++	QMVX2		\$ 4,197.00	NA	
LWT	OH	AT&T LOCAL WHOLESALE TRANSPORT	Multiplexing DS1 to Voice Grade (Effective July 12, 2022 - July 11, 2023)	UB5++, UK1++	QMVX3		\$ 419.70	NA	
LWT	OH	AT&T LOCAL WHOLESALE TRANSPORT	Multiplexing DS1 to Voice Grade (Effective July 12, 2023 - July 11, 2024)	UB5++, UK1++	QMVX3		\$ 839.40	NA	
LWT	OH	AT&T LOCAL WHOLESALE TRANSPORT	Multiplexing DS1 to Voice Grade (Effective July 12, 2024 - July 11, 2025)	UB5++, UK1++	QMVX3		\$ 4,197.00	NA	
LWT	OH	AT&T LOCAL WHOLESALE TRANSPORT	Dedicated Transport Cross Connects DS1 (Effective July 12, 2022 - July 11, 2023)	UB5++, EE7MX, UK1++	CXCDX		\$ 0.60	NA	
LWT	OH	AT&T LOCAL WHOLESALE TRANSPORT	Dedicated Transport Cross Connects DS1 (Effective July 12, 2023 - July 11, 2024)	UB5++, EE7MX, UK1++	CXCDX		\$ 1.20	NA	
LWT	OH	AT&T LOCAL WHOLESALE TRANSPORT	Dedicated Transport Cross Connects DS1 (Effective July 12, 2024 - July 11, 2025)	UB5++, EE7MX, UK1++	CXCDX		\$ 6.00	NA	
LWT	OH	AT&T LOCAL WHOLESALE TRANSPORT	Dedicated Transport Cross Connects DS3 (Effective July 12, 2022 - July 11, 2023)	UB5++, EE7NX, UK3++	CXCEX		\$ 1.05	NA	
LWT	OH	AT&T LOCAL WHOLESALE TRANSPORT	Dedicated Transport Cross Connects DS3 (Effective July 12, 2023 - July 11, 2024)	UB5++, EE7NX, UK3++	CXCEX		\$ 2.10	NA	
LWT	OH	AT&T LOCAL WHOLESALE TRANSPORT	Dedicated Transport Cross Connects DS3 (Effective July 12, 2024 - July 11, 2025)	UB5++, EE7NX, UK3++	CXCEX		\$ 10.50	NA	
LWT	OH	AT&T LOCAL WHOLESALE TRANSPORT	Multiplexing DS3 to DS1 (Effective July 12, 2022 - July 11, 2023)	UB5++, UK3++	QM3X1		\$ 559.27	NA	
LWT	OH	AT&T LOCAL WHOLESALE TRANSPORT	Multiplexing DS3 to DS1 (Effective July 12, 2023 - July 11, 2024)	UB5++, UK3++	QM3X1		\$ 1,118.54	NA	
LWT	OH	AT&T LOCAL WHOLESALE TRANSPORT	Multiplexing DS3 to DS1 (Effective July 12, 2024 - July 11, 2025)	UB5++, UK3++	QM3X1		\$ 5,592.70	NA	
LWT	OH	AT&T LOCAL WHOLESALE TRANSPORT	Multiplexing DS3 to DS1 (Effective July 12, 2022 - July 11, 2023)	UB5++, UK3++	QM3X2		\$ 559.27	NA	
LWT	OH	AT&T LOCAL WHOLESALE TRANSPORT	Multiplexing DS3 to DS1 (Effective July 12, 2023 - July 11, 2024)	UB5++, UK3++	QM3X2		\$ 1,118.54	NA	
LWT	OH	AT&T LOCAL WHOLESALE TRANSPORT	Multiplexing DS3 to DS1 (Effective July 12, 2024 - July 11, 2025)	UB5++, UK3++	QM3X2		\$ 5,592.70	NA	
LWT	OH	AT&T LOCAL WHOLESALE TRANSPORT	Multiplexing DS3 to DS1 (Effective July 12, 2022 - July 11, 2023)	UB5++, UK3++	QM3X3		\$ 559.27	NA	
LWT	OH	AT&T LOCAL WHOLESALE TRANSPORT	Multiplexing DS3 to DS1 (Effective July 12, 2023 - July 11, 2024)	UB5++, UK3++	QM3X3		\$ 1,118.54	NA	
LWT	OH	AT&T LOCAL WHOLESALE TRANSPORT	Multiplexing DS3 to DS1 (Effective July 12, 2024 - July 11, 2025)	UB5++, UK3++	QM3X3		\$ 5,592.70	NA	

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
LWT	OK	AT&T LOCAL WHOLESale TRANSPORT	DT-DS1 Interoffice Transport, First Mile - Zone 1 (Rural) (Effective July 12, 2022 - July 11, 2023)		ULNHS	1	\$ 223.48	\$ 301.93	\$ 179.82	first mile
LWT	OK	AT&T LOCAL WHOLESale TRANSPORT	DT-DS1 Interoffice Transport, First Mile - Zone 1 (Rural) (Effective July 12, 2023 - July 11, 2024)		ULNHS	1	\$ 446.96	\$ 301.93	\$ 179.82	first mile
LWT	OK	AT&T LOCAL WHOLESale TRANSPORT	DT-DS1 Interoffice Transport, First Mile - Zone 1 (Rural) (Effective July 12, 2024 - July 11, 2025)		ULNHS	1	\$ 2,234.80	\$ 301.93	\$ 179.82	first mile
LWT	OK	AT&T LOCAL WHOLESale TRANSPORT	DT-DS1 Interoffice Transport, First Mile - Zone 2 (Suburban) (Effective July 12, 2022 - July 11, 2023)		ULNHS	2	\$ 138.28	\$ 301.93	\$ 179.82	first mile
LWT	OK	AT&T LOCAL WHOLESale TRANSPORT	DT-DS1 Interoffice Transport, First Mile - Zone 2 (Suburban) (Effective July 12, 2023 - July 11, 2024)		ULNHS	2	\$ 276.56	\$ 301.93	\$ 179.82	first mile
LWT	OK	AT&T LOCAL WHOLESale TRANSPORT	DT-DS1 Interoffice Transport, First Mile - Zone 2 (Suburban) (Effective July 12, 2024 - July 11, 2025)		ULNHS	2	\$ 1,382.80	\$ 301.93	\$ 179.82	first mile
LWT	OK	AT&T LOCAL WHOLESale TRANSPORT	DT-DS1 Interoffice Transport, First Mile - Zone 3 (Urban) (Effective July 12, 2022 - July 11, 2023)		ULNHS	3	\$ 117.13	\$ 301.93	\$ 179.82	first mile
LWT	OK	AT&T LOCAL WHOLESale TRANSPORT	DT-DS1 Interoffice Transport, First Mile - Zone 3 (Urban) (Effective July 12, 2023 - July 11, 2024)		ULNHS	3	\$ 234.26	\$ 301.93	\$ 179.82	first mile
LWT	OK	AT&T LOCAL WHOLESale TRANSPORT	DT-DS1 Interoffice Transport, First Mile - Zone 3 (Urban) (Effective July 12, 2024 - July 11, 2025)		ULNHS	3	\$ 1,171.30	\$ 301.93	\$ 179.82	first mile
LWT	OK	AT&T LOCAL WHOLESale TRANSPORT	DT-DS1 Interoffice Transport, First Mile - Interzone (Effective July 12, 2022 - July 11, 2023)		ULNHS	I	\$ 210.60	\$ 301.93	\$ 179.82	first mile
LWT	OK	AT&T LOCAL WHOLESale TRANSPORT	DT-DS1 Interoffice Transport, First Mile - Interzone (Effective July 12, 2023 - July 11, 2024)		ULNHS	I	\$ 421.20	\$ 301.93	\$ 179.82	first mile
LWT	OK	AT&T LOCAL WHOLESale TRANSPORT	DT-DS1 Interoffice Transport, First Mile - Interzone (Effective July 12, 2024 - July 11, 2025)		ULNHS	I	\$ 2,106.00	\$ 301.93	\$ 179.82	first mile
LWT	OK	AT&T LOCAL WHOLESale TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile - Zone 1 (Rural) (Effective July 12, 2022 - July 11, 2023)		ULNHS	1	\$ 11.52	NA	NA	additional mile
LWT	OK	AT&T LOCAL WHOLESale TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile - Zone 1 (Rural) (Effective July 12, 2023 - July 11, 2024)		ULNHS	1	\$ 23.04	NA	NA	additional mile
LWT	OK	AT&T LOCAL WHOLESale TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile - Zone 1 (Rural) (Effective July 12, 2024 - July 11, 2025)		ULNHS	1	\$ 115.20	NA	NA	additional mile
LWT	OK	AT&T LOCAL WHOLESale TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile - Zone 2 (Suburban) (Effective July 12, 2022 - July 11, 2023)		ULNHS	2	\$ 21.25	NA	NA	additional mile
LWT	OK	AT&T LOCAL WHOLESale TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile - Zone 2 (Suburban) (Effective July 12, 2023 - July 11, 2024)		ULNHS	2	\$ 42.50	NA	NA	additional mile
LWT	OK	AT&T LOCAL WHOLESale TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile - Zone 2 (Suburban) (Effective July 12, 2024 - July 11, 2025)		ULNHS	2	\$ 212.50	NA	NA	additional mile
LWT	OK	AT&T LOCAL WHOLESale TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile - Zone 3 (Urban) (Effective July 12, 2022 - July 11, 2023)		ULNHS	3	\$ 3.36	NA	NA	additional mile
LWT	OK	AT&T LOCAL WHOLESale TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile - Zone 3 (Urban) (Effective July 12, 2023 - July 11, 2024)		ULNHS	3	\$ 6.72	NA	NA	additional mile
LWT	OK	AT&T LOCAL WHOLESale TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile - Zone 3 (Urban) (Effective July 12, 2024 - July 11, 2025)		ULNHS	3	\$ 33.60	NA	NA	additional mile
LWT	OK	AT&T LOCAL WHOLESale TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile - Interzone (Effective July 12, 2022 - July 11, 2023)		ULNHS	I	\$ 4.48	NA	NA	additional mile
LWT	OK	AT&T LOCAL WHOLESale TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile - Interzone (Effective July 12, 2023 - July 11, 2024)		ULNHS	I	\$ 8.96	NA	NA	additional mile
LWT	OK	AT&T LOCAL WHOLESale TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile - Interzone (Effective July 12, 2024 - July 11, 2025)		ULNHS	I	\$ 44.80	NA	NA	additional mile
LWT	OK	AT&T LOCAL WHOLESale TRANSPORT	DT-DS3 Interoffice Transport, First Mile - Zone 1 (Rural) (Effective July 12, 2022 - July 11, 2023)		ULNJS	1	\$ 3,011.68	\$ 336.40	\$ 218.88	first mile
LWT	OK	AT&T LOCAL WHOLESale TRANSPORT	DT-DS3 Interoffice Transport, First Mile - Zone 1 (Rural) (Effective July 12, 2023 - July 11, 2024)		ULNJS	1	\$ 6,023.36	\$ 336.40	\$ 218.88	first mile
LWT	OK	AT&T LOCAL WHOLESale TRANSPORT	DT-DS3 Interoffice Transport, First Mile - Zone 1 (Rural) (Effective July 12, 2024 - July 11, 2025)		ULNJS	1	\$ 30,116.80	\$ 336.40	\$ 218.88	first mile
LWT	OK	AT&T LOCAL WHOLESale TRANSPORT	DT-DS3 Interoffice Transport, First Mile - Zone 2 (Suburban) (Effective July 12, 2022 - July 11, 2023)		ULNJS	2	\$ 1,835.59	\$ 336.40	\$ 218.88	first mile
LWT	OK	AT&T LOCAL WHOLESale TRANSPORT	DT-DS3 Interoffice Transport, First Mile - Zone 2 (Suburban) (Effective July 12, 2023 - July 11, 2024)		ULNJS	2	\$ 3,671.18	\$ 336.40	\$ 218.88	first mile

LWT	OK	AT&T LOCAL WHOLESALE TRANSPORT	DT-DS3 Interoffice Transport, First Mile - Zone 2 (Suburban) (Effective July 12, 2024 - July 11, 2025)		ULNJS	2	\$ 18,355.90	\$ 336.40	\$ 218.88	first mile
LWT	OK	AT&T LOCAL WHOLESALE TRANSPORT	DT-DS3 Interoffice Transport, First Mile - Zone 3 (Urban) (Effective July 12, 2022 - July 11, 2023)		ULNJS	3	\$ 1,234.17	\$ 336.40	\$ 218.88	first mile
LWT	OK	AT&T LOCAL WHOLESALE TRANSPORT	DT-DS3 Interoffice Transport, First Mile - Zone 3 (Urban) (Effective July 12, 2023 - July 11, 2024)		ULNJS	3	\$ 2,468.34	\$ 336.40	\$ 218.88	first mile
LWT	OK	AT&T LOCAL WHOLESALE TRANSPORT	DT-DS3 Interoffice Transport, First Mile - Zone 3 (Urban) (Effective July 12, 2024 - July 11, 2025)		ULNJS	3	\$ 12,341.70	\$ 336.40	\$ 218.88	first mile
LWT	OK	AT&T LOCAL WHOLESALE TRANSPORT	DT-DS3 Interoffice Transport, First Mile - Interzone (Effective July 12, 2022 - July 11, 2023)		ULNJS	I	\$ 2,544.46	\$ 336.40	\$ 218.88	first mile
LWT	OK	AT&T LOCAL WHOLESALE TRANSPORT	DT-DS3 Interoffice Transport, First Mile - Interzone (Effective July 12, 2023 - July 11, 2024)		ULNJS	I	\$ 5,088.92	\$ 336.40	\$ 218.88	first mile
LWT	OK	AT&T LOCAL WHOLESALE TRANSPORT	DT-DS3 Interoffice Transport, First Mile - Interzone (Effective July 12, 2024 - July 11, 2025)		ULNJS	I	\$ 25,444.60	\$ 336.40	\$ 218.88	first mile
LWT	OK	AT&T LOCAL WHOLESALE TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile - Zone 1 (Rural) (Effective July 12, 2022 - July 11, 2023)		ULNJS	1	\$ 240.21	NA	NA	additional mile
LWT	OK	AT&T LOCAL WHOLESALE TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile - Zone 1 (Rural) (Effective July 12, 2023 - July 11, 2024)		ULNJS	1	\$ 480.42	NA	NA	additional mile
LWT	OK	AT&T LOCAL WHOLESALE TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile - Zone 1 (Rural) (Effective July 12, 2024 - July 11, 2025)		ULNJS	1	\$ 2,402.10	NA	NA	additional mile
LWT	OK	AT&T LOCAL WHOLESALE TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile - Zone 2 (Suburban) (Effective July 12, 2022 - July 11, 2023)		ULNJS	2	\$ 411.52	NA	NA	additional mile
LWT	OK	AT&T LOCAL WHOLESALE TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile - Zone 2 (Suburban) (Effective July 12, 2023 - July 11, 2024)		ULNJS	2	\$ 823.04	NA	NA	additional mile
LWT	OK	AT&T LOCAL WHOLESALE TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile - Zone 2 (Suburban) (Effective July 12, 2024 - July 11, 2025)		ULNJS	2	\$ 4,115.20	NA	NA	additional mile
LWT	OK	AT&T LOCAL WHOLESALE TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile - Zone 3 (Urban) (Effective July 12, 2022 - July 11, 2023)		ULNJS	3	\$ 88.00	NA	NA	additional mile
LWT	OK	AT&T LOCAL WHOLESALE TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile - Zone 3 (Urban) (Effective July 12, 2023 - July 11, 2024)		ULNJS	3	\$ 176.00	NA	NA	additional mile
LWT	OK	AT&T LOCAL WHOLESALE TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile - Zone 3 (Urban) (Effective July 12, 2024 - July 11, 2025)		ULNJS	3	\$ 1,320.00	NA	NA	additional mile
LWT	OK	AT&T LOCAL WHOLESALE TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile - Interzone (Effective July 12, 2022 - July 11, 2023)		ULNJS	I	\$ 87.19	NA	NA	additional mile
LWT	OK	AT&T LOCAL WHOLESALE TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile - Interzone (Effective July 12, 2023 - July 11, 2024)		ULNJS	I	\$ 174.38	NA	NA	additional mile
LWT	OK	AT&T LOCAL WHOLESALE TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile - Interzone (Effective July 12, 2024 - July 11, 2025)		ULNJS	I	\$ 871.90	NA	NA	additional mile
LWT	OK	AT&T LOCAL WHOLESALE TRANSPORT	DS1 to VG (Effective July 12, 2022 - July 11, 2023)		UM4BX		\$ 274.24	\$ 178.12	\$ 105.56	
LWT	OK	AT&T LOCAL WHOLESALE TRANSPORT	DS1 to VG (Effective July 12, 2023 - July 11, 2024)		UM4BX		\$ 548.48	\$ 178.12	\$ 105.56	
LWT	OK	AT&T LOCAL WHOLESALE TRANSPORT	DS1 to VG (Effective July 12, 2024 - July 11, 2025)		UM4BX		\$ 2,742.40	\$ 178.12	\$ 105.56	
LWT	OK	AT&T LOCAL WHOLESALE TRANSPORT	DS3 to DS1 (Effective July 12, 2022 - July 11, 2023)		UM4AX		\$ 948.76	\$ 895.90	\$ 522.41	
LWT	OK	AT&T LOCAL WHOLESALE TRANSPORT	DS3 to DS1 (Effective July 12, 2023 - July 11, 2024)		UM4AX		\$ 1,897.52	\$ 895.90	\$ 522.41	
LWT	OK	AT&T LOCAL WHOLESALE TRANSPORT	DS3 to DS1 (Effective July 12, 2024 - July 11, 2025)		UM4AX		\$ 9,487.60	\$ 895.90	\$ 522.41	

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
LWT	SC	AT&T LOCAL WHOLESALE TRANSPORT	Interoffice Channel - DS1 - per mile (Effective July 12, 2022 - July 11, 2023)	U1TD1	1L5XX		\$ 0.51			mile
LWT	SC	AT&T LOCAL WHOLESALE TRANSPORT	Interoffice Channel - DS1 - per mile (Effective July 12, 2023 - July 11, 2024)	U1TD1	1L5XX		\$ 1.02			
LWT	SC	AT&T LOCAL WHOLESALE TRANSPORT	Interoffice Channel - DS1 - per mile (Effective July 12, 2024 - July 11, 2025)	U1TD1	1L5XX		\$ 5.10			
LWT	SC	AT&T LOCAL WHOLESALE TRANSPORT	Interoffice Channel - DS1 - Facility Termination (Effective July 12, 2022 - July 11, 2023)	U1TD1	U1TF1		\$ 115.71	\$ 89.47	\$ 81.99	
LWT	SC	AT&T LOCAL WHOLESALE TRANSPORT	Interoffice Channel - DS1 - Facility Termination (Effective July 12, 2023 - July 11, 2024)	U1TD1	U1TF1		\$ 231.42	\$ 89.47	\$ 81.99	
LWT	SC	AT&T LOCAL WHOLESALE TRANSPORT	Interoffice Channel - DS1 - Facility Termination (Effective July 12, 2024 - July 11, 2025)	U1TD1	U1TF1		\$ 1,157.10	\$ 89.47	\$ 81.99	
LWT	SC	AT&T LOCAL WHOLESALE TRANSPORT	Interoffice Channel - DS3 - per mile (Effective July 12, 2022 - July 11, 2023)	U1TD3	1L5XX		\$ 12.03			mile
LWT	SC	AT&T LOCAL WHOLESALE TRANSPORT	Interoffice Channel - DS3 - per mile (Effective July 12, 2023 - July 11, 2024)	U1TD3	1L5XX		\$ 24.06			
LWT	SC	AT&T LOCAL WHOLESALE TRANSPORT	Interoffice Channel - DS3 - per mile (Effective July 12, 2024 - July 11, 2025)	U1TD3	1L5XX		\$ 120.30			
LWT	SC	AT&T LOCAL WHOLESALE TRANSPORT	Interoffice Channel - DS3 - Facility Termination (Effective July 12, 2022 - July 11, 2023)	U1TD3	U1TF3		\$ 1,320.97	\$ 279.37	\$ 163.12	
LWT	SC	AT&T LOCAL WHOLESALE TRANSPORT	Interoffice Channel - DS3 - Facility Termination (Effective July 12, 2023 - July 11, 2024)	U1TD3	U1TF3		\$ 2,641.94	\$ 279.37	\$ 163.12	
LWT	SC	AT&T LOCAL WHOLESALE TRANSPORT	Interoffice Channel - DS3 - Facility Termination (Effective July 12, 2024 - July 11, 2025)	U1TD3	U1TF3		\$ 13,209.70	\$ 279.37	\$ 163.12	

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
LWT	TN	AT&T LOCAL WHOLESALE TRANSPORT	Stand Alone - Interoffice Channel - DS1 - per mile (Effective July 12, 2022 - July 11, 2023)	U1TD1	1LSXX		\$ 0.53			mile
LWT	TN	AT&T LOCAL WHOLESALE TRANSPORT	Stand Alone - Interoffice Channel - DS1 - per mile (Effective July 12, 2023 - July 11, 2024)	U1TD1	1LSXX		\$ 1.06			
LWT	TN	AT&T LOCAL WHOLESALE TRANSPORT	Stand Alone - Interoffice Channel - DS1 - per mile (Effective July 12, 2024 - July 11, 2025)	U1TD1	1LSXX		\$ 5.30			
LWT	TN	AT&T LOCAL WHOLESALE TRANSPORT	Stand Alone - Interoffice Channel - DS1 - Facility Termination (Effective July 12, 2022 - July 11, 2023)	U1TD1	U1TF1		\$ 116.79	\$ 112.40	\$ 76.27	
LWT	TN	AT&T LOCAL WHOLESALE TRANSPORT	Stand Alone - Interoffice Channel - DS1 - Facility Termination (Effective July 12, 2023 - July 11, 2024)	U1TD1	U1TF1		\$ 233.58	\$ 112.40	\$ 76.27	
LWT	TN	AT&T LOCAL WHOLESALE TRANSPORT	Stand Alone - Interoffice Channel - DS1 - Facility Termination (Effective July 12, 2024 - July 11, 2025)	U1TD1	U1TF1		\$ 1,167.90	\$ 112.40	\$ 76.27	
LWT	TN	AT&T LOCAL WHOLESALE TRANSPORT	Stand Alone - Interoffice Channel - DS3 - per mile (Effective July 12, 2022 - July 11, 2023)	U1TD3	1LSXX		\$ 3.51			mile
LWT	TN	AT&T LOCAL WHOLESALE TRANSPORT	Stand Alone - Interoffice Channel - DS3 - per mile (Effective July 12, 2023 - July 11, 2024)	U1TD3	1LSXX		\$ 7.02			
LWT	TN	AT&T LOCAL WHOLESALE TRANSPORT	Stand Alone - Interoffice Channel - DS3 - per mile (Effective July 12, 2024 - July 11, 2025)	U1TD3	1LSXX		\$ 35.10			
LWT	TN	AT&T LOCAL WHOLESALE TRANSPORT	Stand Alone - Interoffice Channel - DS3 - Facility Termination (Effective July 12, 2022 - July 11, 2023)	U1TD3	U1TF3		\$ 1,273.48	\$ 395.29	\$ 176.56	
LWT	TN	AT&T LOCAL WHOLESALE TRANSPORT	Stand Alone - Interoffice Channel - DS3 - Facility Termination (Effective July 12, 2023 - July 11, 2024)	U1TD3	U1TF3		\$ 2,546.96	\$ 395.29	\$ 176.56	
LWT	TN	AT&T LOCAL WHOLESALE TRANSPORT	Stand Alone - Interoffice Channel - DS3 - Facility Termination (Effective July 12, 2024 - July 11, 2025)	U1TD3	U1TF3		\$ 12,734.80	\$ 395.29	\$ 176.56	

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
LWT	TX	AT&T LOCAL WHOLESALE TRANSPORT	DT-DS1 Interoffice Transport, First Mile - Zone 1 (Rural) (Effective July 12, 2022 - July 11, 2023)		ULNHS	1	\$ 50.64	\$ 52.91	\$ 28.43	first mile
LWT	TX	AT&T LOCAL WHOLESALE TRANSPORT	DT-DS1 Interoffice Transport, First Mile - Zone 1 (Rural) (Effective July 12, 2023 - July 11, 2024)		ULNHS	1	\$ 101.28	\$ 52.91	\$ 28.43	first mile
LWT	TX	AT&T LOCAL WHOLESALE TRANSPORT	DT-DS1 Interoffice Transport, First Mile - Zone 1 (Rural) (Effective July 12, 2024 - July 11, 2025)		ULNHS	1	\$ 506.40	\$ 52.91	\$ 28.43	first mile
LWT	TX	AT&T LOCAL WHOLESALE TRANSPORT	DT-DS1 Interoffice Transport, First Mile - Zone 2 (Suburban) (Effective July 12, 2022 - July 11, 2023)		ULNHS	2	\$ 48.82	\$ 52.91	\$ 28.43	first mile
LWT	TX	AT&T LOCAL WHOLESALE TRANSPORT	DT-DS1 Interoffice Transport, First Mile - Zone 2 (Suburban) (Effective July 12, 2023 - July 11, 2024)		ULNHS	2	\$ 97.64	\$ 52.91	\$ 28.43	first mile
LWT	TX	AT&T LOCAL WHOLESALE TRANSPORT	DT-DS1 Interoffice Transport, First Mile - Zone 2 (Suburban) (Effective July 12, 2024 - July 11, 2025)		ULNHS	2	\$ 488.20	\$ 52.91	\$ 28.43	first mile
LWT	TX	AT&T LOCAL WHOLESALE TRANSPORT	DT-DS1 Interoffice Transport, First Mile - Zone 3 (Urban) (Effective July 12, 2022 - July 11, 2023)		ULNHS	3	\$ 51.12	\$ 52.91	\$ 28.43	first mile
LWT	TX	AT&T LOCAL WHOLESALE TRANSPORT	DT-DS1 Interoffice Transport, First Mile - Zone 3 (Urban) (Effective July 12, 2023 - July 11, 2024)		ULNHS	3	\$ 102.24	\$ 52.91	\$ 28.43	first mile
LWT	TX	AT&T LOCAL WHOLESALE TRANSPORT	DT-DS1 Interoffice Transport, First Mile - Zone 3 (Urban) (Effective July 12, 2024 - July 11, 2025)		ULNHS	3	\$ 511.20	\$ 52.91	\$ 28.43	first mile
LWT	TX	AT&T LOCAL WHOLESALE TRANSPORT	DT-DS1 Interoffice Transport, First Mile - Interzone (Effective July 12, 2022 - July 11, 2023)		ULNHS	I	\$ 66.48	\$ 52.91	\$ 28.43	first mile
LWT	TX	AT&T LOCAL WHOLESALE TRANSPORT	DT-DS1 Interoffice Transport, First Mile - Interzone (Effective July 12, 2023 - July 11, 2024)		ULNHS	I	\$ 132.96	\$ 52.91	\$ 28.43	first mile
LWT	TX	AT&T LOCAL WHOLESALE TRANSPORT	DT-DS1 Interoffice Transport, First Mile - Interzone (Effective July 12, 2024 - July 11, 2025)		ULNHS	I	\$ 664.80	\$ 52.91	\$ 28.43	first mile
LWT	TX	AT&T LOCAL WHOLESALE TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile - Zone 1 (Rural) (Effective July 12, 2022 - July 11, 2023)		ULNHS	1	\$ 0.15	NA	NA	each additional mile
LWT	TX	AT&T LOCAL WHOLESALE TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile - Zone 1 (Rural) (Effective July 12, 2023 - July 11, 2024)		ULNHS	1	\$ 0.30	NA	NA	each additional mile
LWT	TX	AT&T LOCAL WHOLESALE TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile - Zone 1 (Rural) (Effective July 12, 2024 - July 11, 2025)		ULNHS	1	\$ 1.50	NA	NA	each additional mile
LWT	TX	AT&T LOCAL WHOLESALE TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile - Zone 2 (Suburban) (Effective July 12, 2022 - July 11, 2023)		ULNHS	2	\$ 0.16	NA	NA	each additional mile
LWT	TX	AT&T LOCAL WHOLESALE TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile - Zone 2 (Suburban) (Effective July 12, 2023 - July 11, 2024)		ULNHS	2	\$ 0.32	NA	NA	each additional mile
LWT	TX	AT&T LOCAL WHOLESALE TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile - Zone 2 (Suburban) (Effective July 12, 2024 - July 11, 2025)		ULNHS	2	\$ 1.60	NA	NA	each additional mile
LWT	TX	AT&T LOCAL WHOLESALE TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile - Zone 3 (Urban) (Effective July 12, 2022 - July 11, 2023)		ULNHS	3	\$ 0.20	NA	NA	each additional mile
LWT	TX	AT&T LOCAL WHOLESALE TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile - Zone 3 (Urban) (Effective July 12, 2023 - July 11, 2024)		ULNHS	3	\$ 0.40	NA	NA	each additional mile
LWT	TX	AT&T LOCAL WHOLESALE TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile - Zone 3 (Urban) (Effective July 12, 2024 - July 11, 2025)		ULNHS	3	\$ 2.00	NA	NA	each additional mile
LWT	TX	AT&T LOCAL WHOLESALE TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile - Interzone (Effective July 12, 2022 - July 11, 2023)		ULNHS	I	\$ 0.14	NA	NA	each additional mile
LWT	TX	AT&T LOCAL WHOLESALE TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile - Interzone (Effective July 12, 2023 - July 11, 2024)		ULNHS	I	\$ 0.28	NA	NA	each additional mile
LWT	TX	AT&T LOCAL WHOLESALE TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile - Interzone (Effective July 12, 2024 - July 11, 2025)		ULNHS	I	\$ 1.40	NA	NA	each additional mile
LWT	TX	AT&T LOCAL WHOLESALE TRANSPORT	DT-DS3 Interoffice Transport, First Mile - Zone 1 (Rural) (Effective July 12, 2022 - July 11, 2023)		ULNJS	1	\$ 299.65	\$ 81.05	\$ 65.73	first mile
LWT	TX	AT&T LOCAL WHOLESALE TRANSPORT	DT-DS3 Interoffice Transport, First Mile - Zone 1 (Rural) (Effective July 12, 2023 - July 11, 2024)		ULNJS	1	\$ 599.30	\$ 81.05	\$ 65.73	first mile
LWT	TX	AT&T LOCAL WHOLESALE TRANSPORT	DT-DS3 Interoffice Transport, First Mile - Zone 1 (Rural) (Effective July 12, 2024 - July 11, 2025)		ULNJS	1	\$ 2,996.50	\$ 81.05	\$ 65.73	first mile
LWT	TX	AT&T LOCAL WHOLESALE TRANSPORT	DT-DS3 Interoffice Transport, First Mile - Zone 2 (Suburban) (Effective July 12, 2022 - July 11, 2023)		ULNJS	2	\$ 269.29	\$ 81.05	\$ 65.73	first mile
LWT	TX	AT&T LOCAL WHOLESALE TRANSPORT	DT-DS3 Interoffice Transport, First Mile - Zone 2 (Suburban) (Effective July 12, 2023 - July 11, 2024)		ULNJS	2	\$ 538.58	\$ 81.05	\$ 65.73	first mile

LWT	TX	AT&T LOCAL WHOLESALE TRANSPORT	DT-DS3 Interoffice Transport, First Mile - Zone 2 (Suburban) (Effective July 12, 2024 - July 11, 2025)		ULNJS	2	\$ 2,692.90	\$ 81.05	\$ 65.73	first mile
LWT	TX	AT&T LOCAL WHOLESALE TRANSPORT	DT-DS3 Interoffice Transport, First Mile - Zone 3 (Urban) (Effective July 12, 2022 - July 11, 2023)		ULNJS	3	\$ 291.90	\$ 81.05	\$ 65.73	first mile
LWT	TX	AT&T LOCAL WHOLESALE TRANSPORT	DT-DS3 Interoffice Transport, First Mile - Zone 3 (Urban) (Effective July 12, 2023 - July 11, 2024)		ULNJS	3	\$ 583.80	\$ 81.05	\$ 65.73	first mile
LWT	TX	AT&T LOCAL WHOLESALE TRANSPORT	DT-DS3 Interoffice Transport, First Mile - Zone 3 (Urban) (Effective July 12, 2024 - July 11, 2025)		ULNJS	3	\$ 2,919.00	\$ 81.05	\$ 65.73	first mile
LWT	TX	AT&T LOCAL WHOLESALE TRANSPORT	DT-DS3 Interoffice Transport, First Mile - Interzone (Effective July 12, 2022 - July 11, 2023)		ULNJS	I	\$ 462.55	\$ 81.05	\$ 65.73	first mile
LWT	TX	AT&T LOCAL WHOLESALE TRANSPORT	DT-DS3 Interoffice Transport, First Mile - Interzone (Effective July 12, 2023 - July 11, 2024)		ULNJS	I	\$ 925.10	\$ 81.05	\$ 65.73	first mile
LWT	TX	AT&T LOCAL WHOLESALE TRANSPORT	DT-DS3 Interoffice Transport, First Mile - Interzone (Effective July 12, 2024 - July 11, 2025)		ULNJS	I	\$ 4,625.50	\$ 81.05	\$ 65.73	first mile
LWT	TX	AT&T LOCAL WHOLESALE TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile - Zone 1 (Rural) (Effective July 12, 2022 - July 11, 2023)		ULNJS	1	\$ 4.36	NA	NA	each additional mile
LWT	TX	AT&T LOCAL WHOLESALE TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile - Zone 1 (Rural) (Effective July 12, 2023 - July 11, 2024)		ULNJS	1	\$ 8.72	NA	NA	each additional mile
LWT	TX	AT&T LOCAL WHOLESALE TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile - Zone 1 (Rural) (Effective July 12, 2024 - July 11, 2025)		ULNJS	1	\$ 43.60	NA	NA	each additional mile
LWT	TX	AT&T LOCAL WHOLESALE TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile - Zone 2 (Suburban) (Effective July 12, 2022 - July 11, 2023)		ULNJS	2	\$ 4.80	NA	NA	each additional mile
LWT	TX	AT&T LOCAL WHOLESALE TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile - Zone 2 (Suburban) (Effective July 12, 2023 - July 11, 2024)		ULNJS	2	\$ 9.60	NA	NA	each additional mile
LWT	TX	AT&T LOCAL WHOLESALE TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile - Zone 2 (Suburban) (Effective July 12, 2024 - July 11, 2025)		ULNJS	2	\$ 48.00	NA	NA	each additional mile
LWT	TX	AT&T LOCAL WHOLESALE TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile - Zone 3 (Urban) (Effective July 12, 2022 - July 11, 2023)		ULNJS	3	\$ 5.93	NA	NA	each additional mile
LWT	TX	AT&T LOCAL WHOLESALE TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile - Zone 3 (Urban) (Effective July 12, 2023 - July 11, 2024)		ULNJS	3	\$ 11.86	NA	NA	each additional mile
LWT	TX	AT&T LOCAL WHOLESALE TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile - Zone 3 (Urban) (Effective July 12, 2024 - July 11, 2025)		ULNJS	3	\$ 59.30	NA	NA	each additional mile
LWT	TX	AT&T LOCAL WHOLESALE TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile - Interzone (Effective July 12, 2022 - July 11, 2023)		ULNJS	I	\$ 4.17	NA	NA	each additional mile
LWT	TX	AT&T LOCAL WHOLESALE TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile - Interzone (Effective July 12, 2023 - July 11, 2024)		ULNJS	I	\$ 8.34	NA	NA	each additional mile
LWT	TX	AT&T LOCAL WHOLESALE TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile - Interzone (Effective July 12, 2024 - July 11, 2025)		ULNJS	I	\$ 41.70	NA	NA	each additional mile
LWT	TX	AT&T LOCAL WHOLESALE TRANSPORT	DS1 Cross Connect to Collocation (Effective July 12, 2022 - July 11, 2023)	UBNTX	UCXHX		\$ 11.26	\$ 57.08	\$ 40.49	
LWT	TX	AT&T LOCAL WHOLESALE TRANSPORT	DS1 Cross Connect to Collocation (Effective July 12, 2023 - July 11, 2024)	UBNTX	UCXHX		\$ 22.52	\$ 57.08	\$ 40.49	
LWT	TX	AT&T LOCAL WHOLESALE TRANSPORT	DS1 Cross Connect to Collocation (Effective July 12, 2024 - July 11, 2025)	UBNTX	UCXHX		\$ 112.60	\$ 57.08	\$ 40.49	
LWT	TX	AT&T LOCAL WHOLESALE TRANSPORT	DS3 Cross Connect to Collocation (Effective July 12, 2022 - July 11, 2023)		UCXIX		\$ 38.55	\$ 70.78	\$ 54.19	
LWT	TX	AT&T LOCAL WHOLESALE TRANSPORT	DS3 Cross Connect to Collocation (Effective July 12, 2023 - July 11, 2024)		UCXIX		\$ 77.10	\$ 70.78	\$ 54.19	
LWT	TX	AT&T LOCAL WHOLESALE TRANSPORT	DS3 Cross Connect to Collocation (Effective July 12, 2024 - July 11, 2025)		UCXIX		\$ 385.50	\$ 70.78	\$ 54.19	
LWT	TX	AT&T LOCAL WHOLESALE TRANSPORT	Multiplexing - DS1 to VG (Effective July 12, 2022 - July 11, 2023)		UM4BX		\$ 373.53	\$ 29.00	\$ 24.15	
LWT	TX	AT&T LOCAL WHOLESALE TRANSPORT	Multiplexing - DS1 to VG (Effective July 12, 2023 - July 11, 2024)		UM4BX		\$ 747.06	\$ 29.00	\$ 24.15	
LWT	TX	AT&T LOCAL WHOLESALE TRANSPORT	Multiplexing - DS1 to VG (Effective July 12, 2024 - July 11, 2025)		UM4BX		\$ 3,735.30	\$ 29.00	\$ 24.15	
LWT	TX	AT&T LOCAL WHOLESALE TRANSPORT	Multiplexing - DS3 to DS1 (Effective July 12, 2022 - July 11, 2023)		UM4AX		\$ 483.09	\$ 41.71	\$ 20.01	
LWT	TX	AT&T LOCAL WHOLESALE TRANSPORT	Multiplexing - DS3 to DS1 (Effective July 12, 2023 - July 11, 2024)		UM4AX		\$ 966.18	\$ 41.71	\$ 20.01	
LWT	TX	AT&T LOCAL WHOLESALE TRANSPORT	Multiplexing - DS3 to DS1 (Effective July 12, 2024 - July 11, 2025)		UM4AX		\$ 4,830.90	\$ 41.71	\$ 20.01	

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LWT	WI	AT&T LOCAL WHOLESALE TRANSPORT	Dedicated Transport Interoffice Transport: DS3 Interoffice Mileage - Per Mile - All Zones (Effective July 12, 2022 - July 11, 2023)	UB5++, EE7NX, UK3++	1Y2B2		\$ 49.93			Per Mile
LWT	WI	AT&T LOCAL WHOLESALE TRANSPORT	Dedicated Transport Interoffice Transport: DS3 Interoffice Mileage - Per Mile - All Zones (Effective July 12, 2023 - July 11, 2024)	UB5++, EE7NX, UK3++	1Y2B2		\$ 99.86			Per Mile
LWT	WI	AT&T LOCAL WHOLESALE TRANSPORT	Dedicated Transport Interoffice Transport: DS3 Interoffice Mileage - Per Mile - All Zones (Effective July 12, 2024 - July 11, 2025)	UB5++, EE7NX, UK3++	1Y2B2		\$ 499.30			Per Mile
LWT	WI	AT&T LOCAL WHOLESALE TRANSPORT	Dedicated Transport Interoffice Transport: DS3 Interoffice Mileage - Per Mile - All Zones (Effective July 12, 2022 - July 11, 2023)	UB5++, EE7NX, UK3++	1Y2B3		\$ 49.93			Per Mile
LWT	WI	AT&T LOCAL WHOLESALE TRANSPORT	Dedicated Transport Interoffice Transport: DS3 Interoffice Mileage - Per Mile - All Zones (Effective July 12, 2023 - July 11, 2024)	UB5++, EE7NX, UK3++	1Y2B3		\$ 99.86			Per Mile
LWT	WI	AT&T LOCAL WHOLESALE TRANSPORT	Dedicated Transport Interoffice Transport: DS3 Interoffice Mileage - Per Mile - All Zones (Effective July 12, 2024 - July 11, 2025)	UB5++, EE7NX, UK3++	1Y2B3		\$ 499.30			Per Mile
LWT	WI	AT&T LOCAL WHOLESALE TRANSPORT	Multiplexing DS1 to Voice Grade (Effective July 12, 2022 - July 11, 2023)	UB5++, UK1++	QMVX1		\$ 514.36			
LWT	WI	AT&T LOCAL WHOLESALE TRANSPORT	Multiplexing DS1 to Voice Grade (Effective July 12, 2023 - July 11, 2024)	UB5++, UK1++	QMVX1		\$ 1,028.72			
LWT	WI	AT&T LOCAL WHOLESALE TRANSPORT	Multiplexing DS1 to Voice Grade (Effective July 12, 2024 - July 11, 2025)	UB5++, UK1++	QMVX1		\$ 5,143.60			
LWT	WI	AT&T LOCAL WHOLESALE TRANSPORT	Multiplexing DS1 to Voice Grade (Effective July 12, 2022 - July 11, 2023)	UB5++, UK1++	QMVX2		\$ 514.36			
LWT	WI	AT&T LOCAL WHOLESALE TRANSPORT	Multiplexing DS1 to Voice Grade (Effective July 12, 2023 - July 11, 2024)	UB5++, UK1++	QMVX2		\$ 1,028.72			
LWT	WI	AT&T LOCAL WHOLESALE TRANSPORT	Multiplexing DS1 to Voice Grade (Effective July 12, 2024 - July 11, 2025)	UB5++, UK1++	QMVX2		\$ 5,143.60			
LWT	WI	AT&T LOCAL WHOLESALE TRANSPORT	Multiplexing DS1 to Voice Grade (Effective July 12, 2022 - July 11, 2023)	UB5++, UK1++	QMVX3		\$ 514.36			
LWT	WI	AT&T LOCAL WHOLESALE TRANSPORT	Multiplexing DS1 to Voice Grade (Effective July 12, 2023 - July 11, 2024)	UB5++, UK1++	QMVX3		\$ 1,028.72			
LWT	WI	AT&T LOCAL WHOLESALE TRANSPORT	Multiplexing DS1 to Voice Grade (Effective July 12, 2024 - July 11, 2025)	UB5++, UK1++	QMVX3		\$ 5,143.60			
LWT	WI	AT&T LOCAL WHOLESALE TRANSPORT	Multiplexing DS3 to DS1 (Effective July 12, 2022 - July 11, 2023)	UB5++, UK3++	QM3X1		\$ 710.26			
LWT	WI	AT&T LOCAL WHOLESALE TRANSPORT	Multiplexing DS3 to DS1 (Effective July 12, 2023 - July 11, 2024)	UB5++, UK3++	QM3X1		\$ 1,420.52			
LWT	WI	AT&T LOCAL WHOLESALE TRANSPORT	Multiplexing DS3 to DS1 (Effective July 12, 2024 - July 11, 2025)	UB5++, UK3++	QM3X1		\$ 7,102.60			
LWT	WI	AT&T LOCAL WHOLESALE TRANSPORT	Multiplexing DS3 to DS1 (Effective July 12, 2022 - July 11, 2023)	UB5++, UK3++	QM3X2		\$ 710.26			
LWT	WI	AT&T LOCAL WHOLESALE TRANSPORT	Multiplexing DS3 to DS1 (Effective July 12, 2023 - July 11, 2024)	UB5++, UK3++	QM3X2		\$ 1,420.52			
LWT	WI	AT&T LOCAL WHOLESALE TRANSPORT	Multiplexing DS3 to DS1 (Effective July 12, 2024 - July 11, 2025)	UB5++, UK3++	QM3X2		\$ 7,102.60			
LWT	WI	AT&T LOCAL WHOLESALE TRANSPORT	Multiplexing DS3 to DS1 (Effective July 12, 2022 - July 11, 2023)	UB5++, UK3++	QM3X3		\$ 710.26			
LWT	WI	AT&T LOCAL WHOLESALE TRANSPORT	Multiplexing DS3 to DS1 (Effective July 12, 2023 - July 11, 2024)	UB5++, UK3++	QM3X3		\$ 1,420.52			
LWT	WI	AT&T LOCAL WHOLESALE TRANSPORT	Multiplexing DS3 to DS1 (Effective July 12, 2024 - July 11, 2025)	UB5++, UK3++	QM3X3		\$ 7,102.60			
LWT	WI	AT&T LOCAL WHOLESALE TRANSPORT	Dedicated Transport Cross Connects DS1 (Effective July 12, 2022 - July 11, 2023)	UB5++, EE7MX, UK1++	CXCDX		\$ 0.78			
LWT	WI	AT&T LOCAL WHOLESALE TRANSPORT	Dedicated Transport Cross Connects DS1 (Effective July 12, 2023 - July 11, 2024)	UB5++, EE7MX, UK1++	CXCDX		\$ 1.56			
LWT	WI	AT&T LOCAL WHOLESALE TRANSPORT	Dedicated Transport Cross Connects DS1 (Effective July 12, 2024 - July 11, 2025)	UB5++, EE7MX, UK1++	CXCDX		\$ 7.80			
LWT	WI	AT&T LOCAL WHOLESALE TRANSPORT	Dedicated Transport Cross Connects DS3 (Effective July 12, 2022 - July 11, 2023)	UB5++, EE7NX, UK3++	CXCEX		\$ 1.44			
LWT	WI	AT&T LOCAL WHOLESALE TRANSPORT	Dedicated Transport Cross Connects DS3 (Effective July 12, 2023 - July 11, 2024)	UB5++, EE7NX, UK3++	CXCEX		\$ 2.88			
LWT	WI	AT&T LOCAL WHOLESALE TRANSPORT	Dedicated Transport Cross Connects DS3 (Effective July 12, 2024 - July 11, 2025)	UB5++, EE7NX, UK3++	CXCEX		\$ 14.40			

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
13	AL	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS1 - per mile	U1TD1	1L5XX		\$ 0.18			mile
13	AL	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS1 - Facility Termination	U1TD1	U1TF1		\$ 60.16	\$ 89.27	\$ 81.81	
13	AL	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS3 - per mile	U1TD3	1L5XX		\$ 4.09			mile
13	AL	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS3 - Facility Termination	U1TD3	U1TF3		\$ 703.52	\$ 278.75	\$ 162.76	

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
13	AR	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, First Mile		ULNHS		\$ 50.00	\$ 310.00	\$ 220.00	first mile
13	AR	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile		ULNHS		\$ 16.80	NA	NA	additional mile
13	AR	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, First Mile		ULNJS		\$ 815.00	\$ 338.00	\$ 236.00	first mile
13	AR	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile		ULNJS		\$ 118.00	NA	NA	additional mile
13	AR	UNBUNDLED DEDICATED TRANSPORT	DS1 to VG - Multiplexing		UM4BX		\$ 180.00	\$ 260.00	\$ 161.00	
13	AR	UNBUNDLED DEDICATED TRANSPORT	DS3 to DS1 - Multiplexing		UM4AX		\$ 815.00	\$ 1,372.00	\$ 813.00	
13	AR	UNBUNDLED DEDICATED TRANSPORT	2-Wire Analog Loop Cross Connect to POA - Method 1		UXRA1	1	\$ 0.95	\$ 105.70	\$ 69.40	
13	AR	UNBUNDLED DEDICATED TRANSPORT	2-Wire Analog Loop Cross Connect to POA - Method 2		UXRA2	2	\$ 1.05	\$ 105.70	\$ 69.40	
13	AR	UNBUNDLED DEDICATED TRANSPORT	2-Wire Analog Loop Cross Connect to POA - Method 3		UXRA3	3	\$ 1.05	\$ 105.70	\$ 69.40	

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
13	CA	UNBUNDLED DEDICATED TRANSPORT	Interoffice Transport DS-1 Fixed Mileage (OANAD Terminology - Dedicated Transport Fixed Mileage)	CT1++, EE7M+	1L5UB		\$ 32.94			
13	CA	UNBUNDLED DEDICATED TRANSPORT	Interoffice Transport DS-1 Variable Mileage (OANAD Terminology - Dedicated Transport Variable Mileage per mile)				\$ 0.25			mile
13	CA	UNBUNDLED DEDICATED TRANSPORT	Interoffice Transport DS-3 Fixed Mileage (OANAD Terminology - Dedicated Transport DS-3 Fixed Mileage)	CT3++, EE7P+, EE7Q+	1L5UB		\$ 468.14			
13	CA	UNBUNDLED DEDICATED TRANSPORT	Interoffice Transport DS-3 Variable Mileage (OANAD Terminology - Dedicated Transport DS-3 Variable Mileage per mile)				\$ 4.72			mile
13	CA	UNBUNDLED DEDICATED TRANSPORT	MULTIPLEXING - DS-1/DS-0 MUX (OANAD Terminology - DS0/DS1)	CT1++, EE7M+	MQ1UB		\$ 255.54			
13	CA	UNBUNDLED DEDICATED TRANSPORT	MULTIPLEXING - DS-3/DS-1 MUX (OANAD Terminology - DS1/DS3)	CT3++, EE7P+, EE7Q+	MQ3UB		\$ 287.85			

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
13	FL	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS1 - per mile	U1TD1	1L5XX		\$ 0.19			mile
13	FL	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS1 - Facility Termination	U1TD1	U1TF1		\$ 88.44	\$ 105.54	\$ 98.47	
13	FL	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS3 - per mile	U1TD3	1L5XX		\$ 3.87			mile
13	FL	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS3 - Facility Termination	U1TD3	U1TF3		\$ 1,071.00	\$ 335.46	\$ 219.28	

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
13	GA	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS1 - per mile	U1TD1	1L5XX		\$ 0.12			mile
13	GA	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS1 - Facility Termination	U1TD1	U1TF1		\$ 34.93	\$ 110.92	\$ 80.20	
13	GA	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS3 - per mile	U1TD3	1L5XX		\$ 2.63			mile
13	GA	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS3 - Facility Termination	U1TD3	U1TF3		\$ 349.42	\$ 320.16	\$ 86.24	

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
13	IL	UNBUNDLED DEDICATED TRANSPORT	DS1 Interoffice Mileage Termination - Per Point of Termination - All Areas	UB5++, EE7MX, UK1++	CZ4XA		\$ 17.35	NA	NA	per point of termination
13	IL	UNBUNDLED DEDICATED TRANSPORT	DS1 Interoffice Mileage Termination - Per Point of Termination - All Areas	UB5++, EE7MX, UK1++	CZ4XB		\$ 17.35	NA	NA	per point of termination
13	IL	UNBUNDLED DEDICATED TRANSPORT	DS1 Interoffice Mileage Termination - Per Point of Termination - All Areas	UB5++, EE7MX, UK1++	CZ4XC		\$ 17.35	NA	NA	per point of termination
13	IL	UNBUNDLED DEDICATED TRANSPORT	DS1 Interoffice Mileage - Per Mile - All Areas	UB5++, EE7MX, UK1++	1YZXA		\$ 1.88	NA	NA	per mile
13	IL	UNBUNDLED DEDICATED TRANSPORT	DS1 Interoffice Mileage - Per Mile - All Areas	UB5++, EE7MX, UK1++	1YZXB		\$ 1.88	NA	NA	per mile
13	IL	UNBUNDLED DEDICATED TRANSPORT	DS1 Interoffice Mileage - Per Mile - All Areas	UB5++, EE7MX, UK1++	1YZXC		\$ 1.88	NA	NA	per mile
13	IL	UNBUNDLED DEDICATED TRANSPORT	DS3 Interoffice Mileage Termination - Per Point of Termination - All Areas	UB5++, EE7NX, UK3++	CZ4XA		\$ 146.93	NA	NA	per point of termination
13	IL	UNBUNDLED DEDICATED TRANSPORT	DS3 Interoffice Mileage Termination - Per Point of Termination - All Areas	UB5++, EE7NX, UK3++	CZ4XB		\$ 146.93	NA	NA	per point of termination
13	IL	UNBUNDLED DEDICATED TRANSPORT	DS3 Interoffice Mileage Termination - Per Point of Termination - All Areas	UB5++, EE7NX, UK3++	CZ4XC		\$ 146.93	NA	NA	per point of termination
13	IL	UNBUNDLED DEDICATED TRANSPORT	DS3 Interoffice Mileage - Per Mile - All Areas	UB5++, EE7NX, UK3++	1YZXA		\$ 29.81	NA	NA	per mile
13	IL	UNBUNDLED DEDICATED TRANSPORT	DS3 Interoffice Mileage - Per Mile - All Areas	UB5++, EE7NX, UK3++	1YZXB		\$ 29.81	NA	NA	per mile
13	IL	UNBUNDLED DEDICATED TRANSPORT	DS3 Interoffice Mileage - Per Mile - All Areas	UB5++, EE7NX, UK3++	1YZXC		\$ 29.81	NA	NA	per mile
13	IL	UNBUNDLED DEDICATED TRANSPORT	DS3 Interoffice Mileage Termination - Per Point of Termination - All Areas	UB5++, EE7NX, UK3++	CZ4WA		\$ 146.93	NA	NA	per point of termination
13	IL	UNBUNDLED DEDICATED TRANSPORT	DS3 Interoffice Mileage Termination - Per Point of Termination - All Areas	UB5++, EE7NX, UK3++	CZ4WB		\$ 146.93	NA	NA	per point of termination
13	IL	UNBUNDLED DEDICATED TRANSPORT	DS3 Interoffice Mileage Termination - Per Point of Termination - All Areas	UB5++, EE7NX, UK3++	CZ4WC		\$ 146.93	NA	NA	per point of termination
13	IL	UNBUNDLED DEDICATED TRANSPORT	DS3 Interoffice Mileage - Per Mile - All Areas	UB5++, EE7NX, UK3++	1YZBA		\$ 29.81	NA	NA	per mile
13	IL	UNBUNDLED DEDICATED TRANSPORT	DS3 Interoffice Mileage - Per Mile - All Areas	UB5++, EE7NX, UK3++	1YZBB		\$ 29.81	NA	NA	per mile
13	IL	UNBUNDLED DEDICATED TRANSPORT	DS3 Interoffice Mileage - Per Mile - All Areas	UB5++, EE7NX, UK3++	1YZBC		\$ 29.81	NA	NA	per mile
13	IL	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS1 to Voice Grade	UB5++, UK1++	QMVXA		\$ 275.34	NA	NA	
13	IL	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS1 to Voice Grade	UB5++, UK1++	QMVXB		\$ 275.34	NA	NA	
13	IL	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS1 to Voice Grade	UB5++, UK1++	QMVXC		\$ 275.34	NA	NA	
13	IL	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS3 to DS1	UB5++, UK3++	QM3XA		\$ 404.30	NA	NA	
13	IL	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS3 to DS1	UB5++, UK3++	QM3XB		\$ 404.30	NA	NA	
13	IL	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS3 to DS1	UB5++, UK3++	QM3XC		\$ 404.30	NA	NA	
13	IL	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Cross Connects DS1	UB5++, EE7MX, UK1++	CXCDX		\$ 0.43	NA	NA	
13	IL	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Cross Connects DS3	UB5++, EE7NX, UK3++	CXCEX		\$ 0.76	NA	NA	

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
13	IN	UNBUNDLED DEDICATED TRANSPORT	Interoffice Transport DS1 Interoffice Mileage Termination - Per Point of Termination - All Zones	UB5++, EE7MX, UK1++	CZ4X1		\$ 11.10	NA	NA	Per Point of Termination
13	IN	UNBUNDLED DEDICATED TRANSPORT	Interoffice Transport DS1 Interoffice Mileage Termination - Per Point of Termination - All Zones	UB5++, EE7MX, UK1++	CZ4X2		\$ 11.10	NA	NA	Per Point of Termination
13	IN	UNBUNDLED DEDICATED TRANSPORT	Interoffice Transport DS1 Interoffice Mileage Termination - Per Point of Termination - All Zones	UB5++, EE7MX, UK1++	CZ4X3		\$ 11.10	NA	NA	Per Point of Termination
13	IN	UNBUNDLED DEDICATED TRANSPORT	Interoffice Mileage - Per Mile - All Zones	UB5++, EE7MX, UK1++	1YZX1		\$ 1.65	NA	NA	per mile
13	IN	UNBUNDLED DEDICATED TRANSPORT	Interoffice Mileage - Per Mile - All Zones	UB5++, EE7MX, UK1++	1YZX2		\$ 1.65	NA	NA	per mile
13	IN	UNBUNDLED DEDICATED TRANSPORT	Interoffice Mileage - Per Mile - All Zones	UB5++, EE7MX, UK1++	1YZX3		\$ 1.65	NA	NA	per mile
13	IN	UNBUNDLED DEDICATED TRANSPORT	Interoffice Transport DS3 Interoffice Mileage Termination - Per Point of Termination - All Zones	UB5++, EE7NX, UK3++	CZ4W1		\$ 106.79	NA	NA	Per Point of Termination
13	IN	UNBUNDLED DEDICATED TRANSPORT	Interoffice Transport DS3 Interoffice Mileage Termination - Per Point of Termination - All Zones	UB5++, EE7NX, UK3++	CZ4W2		\$ 106.79	NA	NA	Per Point of Termination
13	IN	UNBUNDLED DEDICATED TRANSPORT	Interoffice Transport DS3 Interoffice Mileage Termination - Per Point of Termination - All Zones	UB5++, EE7NX, UK3++	CZ4W3		\$ 106.79	NA	NA	Per Point of Termination
13	IN	UNBUNDLED DEDICATED TRANSPORT	Interoffice Transport DS3 Interoffice Mileage - Per Mile - All Zones	UB5++, EE7NX, UK3++	1YZB1		\$ 28.62	NA	NA	per mile
13	IN	UNBUNDLED DEDICATED TRANSPORT	Interoffice Transport DS3 Interoffice Mileage - Per Mile - All Zones	UB5++, EE7NX, UK3++	1YZB2		\$ 28.62	NA	NA	per mile
13	IN	UNBUNDLED DEDICATED TRANSPORT	Interoffice Transport DS3 Interoffice Mileage - Per Mile - All Zones	UB5++, EE7NX, UK3++	1YZB3		\$ 28.62	NA	NA	per mile
13	IN	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS1 to Voice Grade	UB5++, UK1++, EE7MX	QMVX1		\$ 197.61	NA	NA	
13	IN	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS1 to Voice Grade	UB5++, UK1++, EE7MX	QMVX2		\$ 197.61	NA	NA	
13	IN	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS1 to Voice Grade	UB5++, UK1++, EE7MX	QMVX3		\$ 197.61	NA	NA	
13	IN	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS3 to DS1	UB5++, UK3++, EE7NX	QM3X1		\$ 260.24	NA	NA	
13	IN	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS3 to DS1	UB5++, UK3++, EE7NX	QM3X2		\$ 260.24	NA	NA	
13	IN	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS3 to DS1	UB5++, UK3++, EE7NX	QM3X3		\$ 260.24	NA	NA	
13	IN	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Cross Connects DS1	UB5++, EE7MX, UK1++	CXCDX		\$ 0.36	NA	NA	
13	IN	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Cross Connects DS3	UB5++, EE7NX, UK3++	CXCEX		\$ 0.66	NA	NA	

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13	KS	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, First Mile - Zone 1 (Rural)		ULNHS	1	\$ 51.89	\$ 136.65	\$ 78.80	first mile
13	KS	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, First Mile - Zone 2 (Suburban)		ULNHS	2	\$ 44.59	\$ 136.65	\$ 78.80	first mile
13	KS	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, First Mile - Zone 3 (Urban)		ULNHS	3	\$ 40.78	\$ 136.65	\$ 78.80	first mile
13	KS	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, First Mile - Interzone		ULNHS	I	\$ 46.86	\$ 136.65	\$ 78.80	first mile
13	KS	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile - Zone 1 (Rural)		ULNHS	1	\$ 1.53	NA	NA	additional mile
13	KS	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile - Zone 2 (Suburban)		ULNHS	2	\$ 0.72	NA	NA	additional mile
13	KS	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile - Zone 3 (Urban)		ULNHS	3	\$ 0.32	NA	NA	additional mile
13	KS	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile - Interzone		ULNHS	I	\$ 0.35	NA	NA	additional mile
13	KS	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, First Mile - Zone 1 (Rural)		ULNHS	1	\$ -			
13	KS	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, First Mile - Zone 2 (Suburban)		ULNJS	2	\$ 596.55	\$ 158.10	\$ 97.75	first mile
13	KS	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, First Mile - Zone 3 (Urban)		ULNJS	3	\$ 478.64	\$ 158.10	\$ 97.75	first mile
13	KS	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, First Mile - Interzone		ULNJS	I	\$ 512.30	\$ 158.10	\$ 97.75	first mile
13	KS	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile - Zone 1 (Rural)		ULNJS	1	\$ -			
13	KS	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile - Zone 2 (Suburban)		ULNJS	2	\$ 17.51	NA	NA	additional mile
13	KS	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile - Zone 3 (Urban)		ULNJS	3	\$ 12.83	NA	NA	additional mile
13	KS	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile - Interzone		ULNJS	I	\$ 2.85	NA	NA	additional mile
13	KS	UNBUNDLED DEDICATED TRANSPORT	DS1 to VG - Multiplexing		UM4BX		\$ 119.03	\$ 288.90	\$ 187.70	
13	KS	UNBUNDLED DEDICATED TRANSPORT	DS3 to DS1 - Multiplexing		UM4AX		\$ 359.83	\$ 1,736.35	\$ 1,202.10	
13	KS	UNBUNDLED DEDICATED TRANSPORT	2-wire Analog Loop Cross Connect to POA - Method 1		UXRA1	1	\$ 0.57	\$ 92.05	\$ 73.25	
13	KS	UNBUNDLED DEDICATED TRANSPORT	2-wire Analog Loop Cross Connect to POA - Method 2		UXRA2	2	\$ 0.65	\$ 92.05	\$ 73.25	
13	KS	UNBUNDLED DEDICATED TRANSPORT	2-wire Analog Loop Cross Connect to POA - Method 3		UXRA3	3	\$ 0.77	\$ 92.05	\$ 73.25	

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13	KY	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS1 - per mile	U1TD1	1L5XX		\$ 0.23			mile
13	KY	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS1 - Facility Termination	U1TD1	U1TF1		\$ 96.04	\$ 105.52	\$ 98.46	
13	KY	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS3 - per mile	U1TD3	1L5XX		\$ 4.97			mile
13	KY	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS3 - Facility Termination	U1TD3	U1TF3		\$ 1,175.15	\$ 335.40	\$ 219.24	

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
13	LA	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS1 - per mile	U1TD1	1L5XX		\$ 0.27			mile
13	LA	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS1 - Facility Termination	U1TD1	U1TF1		\$ 70.47	\$ 86.69	\$ 79.44	
13	LA	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS3 - per mile	U1TD3	1L5XX		\$ 6.04			mile
13	LA	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS3 - Facility Termination	U1TD3	U1TF3		\$ 850.45	\$ 270.69	\$ 158.05	

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
13	MI	UNBUNDLED DEDICATED TRANSPORT	DS1 Interoffice Mileage Per Point of Termination Zone 1	UB5++, EE7MX, UK1++	CZ4X1	1	\$ 12.39			Per Point of Termination
13	MI	UNBUNDLED DEDICATED TRANSPORT	DS1 Interoffice Mileage Per Point of Termination Zone 2	UB5++, EE7MX, UK1++	CZ4X2	2	\$ 12.28			Per Point of Termination
13	MI	UNBUNDLED DEDICATED TRANSPORT	DS1 Interoffice Mileage Per Point of Termination Zone 3	UB5++, EE7MX, UK1++	CZ4X3	3	\$ 13.17			Per Point of Termination
13	MI	UNBUNDLED DEDICATED TRANSPORT	DS1 Interoffice Mileage Per Point of Termination Interzone	UB5++, EE7MX, UK1++	CZ4XZ	I	\$ 13.36			Per Point of Termination
13	MI	UNBUNDLED DEDICATED TRANSPORT	DS1 Interoffice Mileage Per Mile Zone 1	UB5++, EE7MX, UK1++	1YZX1	1	\$ 0.69			per mile
13	MI	UNBUNDLED DEDICATED TRANSPORT	DS1 Interoffice Mileage Per Mile Zone 2	UB5++, EE7MX, UK1++	1YZX2	2	\$ 0.77			per mile
13	MI	UNBUNDLED DEDICATED TRANSPORT	DS1 Interoffice Mileage Per Mile Zone 3	UB5++, EE7MX, UK1++	1YZX3	3	\$ 0.50			per mile
13	MI	UNBUNDLED DEDICATED TRANSPORT	DS1 Interoffice Mileage Per Mile Interzone	UB5++, EE7MX, UK1++	1YZXZ	I	\$ 0.20			per mile
13	MI	UNBUNDLED DEDICATED TRANSPORT	DS3 Interoffice Mileage Termination - Per Point of Termination Zone 1	UB5++, EE7NX, UK3++	CZ4W1	1	\$ 129.82			Per Point
13	MI	UNBUNDLED DEDICATED TRANSPORT	DS3 Interoffice Mileage Termination - Per Point of Termination Zone 2	UB5++, EE7NX, UK3++	CZ4W2	2	\$ 114.98			Per Point
13	MI	UNBUNDLED DEDICATED TRANSPORT	DS3 Interoffice Mileage Termination - Per Point of Termination Zone 3	UB5++, EE7NX, UK3++	CZ4W3	3	\$ 110.02			Per Point
13	MI	UNBUNDLED DEDICATED TRANSPORT	DS3 Interoffice Mileage Termination - Per Point of Termination Interzone	UB5++, EE7NX, UK3++	CZ4WZ	I	\$ 121.50			Per Point
13	MI	UNBUNDLED DEDICATED TRANSPORT	DS3 Interoffice Mileage - Per Mile Zone 1	UB5++, EE7NX, UK3++	1YZB1	1	\$ 6.20			Per Mile
13	MI	UNBUNDLED DEDICATED TRANSPORT	DS3 Interoffice Mileage - Per Mile Zone 2	UB5++, EE7NX, UK3++	1YZB2	2	\$ 3.84			Per Mile
13	MI	UNBUNDLED DEDICATED TRANSPORT	DS3 Interoffice Mileage - Per Mile Zone 3	UB5++, EE7NX, UK3++	1YZB3	3	\$ 9.52			Per Mile
13	MI	UNBUNDLED DEDICATED TRANSPORT	DS3 Interoffice Mileage - Per Mile Interzone	UB5++, EE7NX, UK3++	1YZBZ	I	\$ 3.73			Per Mile
13	MI	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS1 to Voice Grade All Zones, Per Arrangement	UB5++, UK1++	QMVX1		\$ 280.24	NA	NA	Per Arrangement
13	MI	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS1 to Voice Grade All Zones, Per Arrangement	UB5++, UK1++	QMVX2		\$ 280.24	NA	NA	Per Arrangement
13	MI	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS1 to Voice Grade All Zones, Per Arrangement	UB5++, UK1++	QMVX3		\$ 280.24	NA	NA	Per Arrangement
13	MI	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS3 to DS1 All Zones, Per Arrangement	UB5++, UK3++	QM3X1		\$ 414.55	NA	NA	per arrangement
13	MI	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS3 to DS1 All Zones, Per Arrangement	UB5++, UK3++	QM3X2		\$ 414.55	NA	NA	per arrangement
13	MI	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS3 to DS1 All Zones, Per Arrangement	UB5++, UK3++	QM3X3		\$ 414.55	NA	NA	per arrangement
13	MI	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Cross Connects DS1	UB5++, EE7MX, UK1++	CXCDX		\$ 6.89	NA	NA	

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13	MO	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, First Mile - Zone 1 (Urban STL, KC)		ULNHS	1	\$ 111.45	\$ 455.35	\$ 291.05	1st mile
13	MO	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, First Mile - Zone 2 (Suburban)		ULNHS	2	\$ 151.55	\$ 455.35	\$ 291.05	1st mile
13	MO	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, First Mile - Zone 3 (Rural)		ULNHS	3	\$ 279.30	\$ 455.35	\$ 291.05	1st mile
13	MO	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, First Mile - Zone 4 (Urban Springfield)		ULNHS	4	\$ 111.45	\$ 455.35	\$ 291.05	1st mile
13	MO	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, First Mile - Interzone		ULNHS	I	\$ 200.10	\$ 455.35	\$ 291.05	1st mile
13	MO	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile - Zone 1 (Urban STL, KC)		ULNHS	1	\$ 3.10	NA	NA	each additional mile
13	MO	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile - Zone 2 (Suburban)		ULNHS	2	\$ 8.75	NA	NA	each additional mile
13	MO	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile - Zone 3 (Rural)		ULNHS	3	\$ 14.55	NA	NA	each additional mile
13	MO	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile - Zone 4 (Urban Springfield)		ULNHS	4	\$ 3.10	NA	NA	each additional mile
13	MO	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile - Interzone		ULNHS	I	\$ 4.80	NA	NA	each additional mile
13	MO	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, First Mile - Zone 1 (Urban STL, KC)		ULNJS	1	\$ 1,389.45	\$ 490.35	\$ 332.75	1st mile
13	MO	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, First Mile - Zone 2 (Suburban)		ULNJS	2	\$ 2,783.40	\$ 490.35	\$ 332.75	1st mile
13	MO	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, First Mile - Zone 3 (Rural)		ULNJS	3	\$ 3,384.95	\$ 490.35	\$ 332.75	1st mile
13	MO	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, First Mile - Zone 4 (Urban Springfield)		ULNJS	4	\$ 1,389.45	\$ 490.35	\$ 332.75	1st mile
13	MO	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, First Mile - Interzone		ULNJS	I	\$ 3,288.30	\$ 490.35	\$ 332.75	1st mile
13	MO	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile - Zone 1 (Urban STL, KC)		ULNJS	1	\$ 81.80	NA	NA	each additional mile
13	MO	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile - Zone 2 (Suburban)		ULNJS	2	\$ 304.75	NA	NA	each additional mile
13	MO	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile - Zone 3 (Rural)		ULNJS	3	\$ 312.90	NA	NA	each additional mile
13	MO	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile - Zone 4 (Urban Springfield)		ULNJS	4	\$ 81.80	NA	NA	each additional mile
13	MO	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile - Interzone		ULNJS	I	\$ 124.45	NA	NA	each additional mile
13	MO	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Cross Connect to POA: DS1 - Method 1		UXRQ1	1	\$ 12.30	NA	NA	
13	MO	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Cross Connect to POA: DS1 - Method 2		UXRQ2	2	\$ 12.35	NA	NA	
13	MO	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Cross Connect to POA: DS1 - Method 3		UXRQ3	3	\$ 12.35	NA	NA	
13	MO	UNBUNDLED DEDICATED TRANSPORT	DS1 to VG - Multiplexing		UM4BX		\$ 199.60	\$ 29.85	\$ 17.90	
13	MO	UNBUNDLED DEDICATED TRANSPORT	DS3 to DS1 - Multiplexing		UM4AX		\$ 712.05	\$ 980.20	\$ 924.15	

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13	MS	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS1 - per mile	U1TD1	1L5XX		\$ 0.20			mile
13	MS	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS1 - Facility Termination	U1TD1	U1TF1		\$ 57.33	\$ 89.79	\$ 82.28	
13	MS	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS3 - per mile	U1TD3	1L5XX		\$ 4.76			mile
13	MS	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS3 - Facility Termination	U1TD3	U1TF3		\$ 641.90	\$ 280.37	\$ 163.70	

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
13	NC	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS1 - per mile	U1TD1	1L5XX		\$ 0.19			mile
13	NC	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS1 - Facility Termination	U1TD1	U1TF1		\$ 31.06	\$ 234.02	\$ 162.52	
13	NC	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS3 - per mile	U1TD3	1L5XX		\$ 4.44			mile
13	NC	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS3 - Facility Termination	U1TD3	U1TF3		\$ 329.91	\$ 270.69	\$ 158.05	

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
13	NV	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport - DS1 Interoffice Transport - Statewide - Fixed (per termination)	CT1++, EE7M+	1LSUB		\$ 32.32			
13	NV	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport - DS1 Interoffice Transport - Statewide - Variable (per mile)	CT3++, EE7P+, EE7Q+	1LSUB		\$ 1.84			
13	NV	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport - DS3 Interoffice Transport - Statewide - Fixed (per termination)	CT1++, EE7M+	1LSUB		\$ 372.70			
13	NV	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport - DS3 Interoffice Transport - Statewide - Variable (per mile)	CT3++, EE7P+, EE7Q+	1LSUB		\$ 35.72			
13	NV	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Cross Connect - DS1 to Collocation				\$ 22.98			
13	NV	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Cross Connect - DS3 to Collocation				\$ 29.47			
13	NV	UNBUNDLED DEDICATED TRANSPORT	Multiplexing - DS1 / Voice Grade	CT1++, EE7M+	MQ1UB		\$ 265.89			
13	NV	UNBUNDLED DEDICATED TRANSPORT	Multiplexing - DS3 / DS1	CT3++, EE7P+, EE7Q+	MQ3UB		\$ 673.94			

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13	OH	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Interoffice Transport: 'DS1 Interoffice Mileage Termination - Per Point of Termination - All Zones	UB5++, EE7MX, UK1++	CZ4X1		\$ 14.79	NA		Per Point of Termination
13	OH	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Interoffice Transport: 'DS1 Interoffice Mileage Termination - Per Point of Termination - All Zones	UB5++, EE7MX, UK1++	CZ4X2		\$ 14.79	NA		Per Point of Termination
13	OH	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Interoffice Transport: 'DS1 Interoffice Mileage Termination - Per Point of Termination - All Zones	UB5++, EE7MX, UK1++	CZ4X3		\$ 14.79	NA		Per Point of Termination
13	OH	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Interoffice Transport: 'DS1 Interoffice Mileage - Per Mile - All Zones	UB5++, EE7MX, UK1++	1YZX1		\$ 1.64	NA		Per Mile
13	OH	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Interoffice Transport: 'DS1 Interoffice Mileage - Per Mile - All Zones	UB5++, EE7MX, UK1++	1YZX2		\$ 1.64	NA		Per Mile
13	OH	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Interoffice Transport: 'DS1 Interoffice Mileage - Per Mile - All Zones	UB5++, EE7MX, UK1++	1YZX3		\$ 1.64	NA		Per Mile
13	OH	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Interoffice Transport: 'DS3 Interoffice Mileage Termination - Per Point of Termination - All Zones	UB5++, EE7NX, UK3++	CZ4W1		\$ 127.75	NA		Per Point of Termination
13	OH	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Interoffice Transport: 'DS3 Interoffice Mileage Termination - Per Point of Termination - All Zones	UB5++, EE7NX, UK3++	CZ4W2		\$ 127.75	NA		Per Point of Termination
13	OH	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Interoffice Transport: 'DS3 Interoffice Mileage Termination - Per Point of Termination - All Zones	UB5++, EE7NX, UK3++	CZ4W3		\$ 127.75	NA		Per Point of Termination
13	OH	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Interoffice Transport: 'DS3 Interoffice Mileage - Per Mile - All Zones	UB5++, EE7NX, UK3++	1YZB1		\$ 21.61	NA		Per Mile
13	OH	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Interoffice Transport: 'DS3 Interoffice Mileage - Per Mile - All Zones	UB5++, EE7NX, UK3++	1YZB2		\$ 21.61	NA		Per Mile
13	OH	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Interoffice Transport: 'DS3 Interoffice Mileage - Per Mile - All Zones	UB5++, EE7NX, UK3++	1YZB3		\$ 21.61	NA		Per Mile
13	OH	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS1 to Voice Grade	UB5++, UK1++	QMVX1		\$ 279.80	NA		
13	OH	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS1 to Voice Grade	UB5++, UK1++	QMVX2		\$ 279.80	NA		
13	OH	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS1 to Voice Grade	UB5++, UK1++	QMVX3		\$ 279.80	NA		
13	OH	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Cross Connects DS1	UB5++, EE7MX, UK1++	CXCDX		\$ 0.40	NA		
13	OH	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Cross Connects DS3	UB5++, EE7NX, UK3++	CXCEX		\$ 0.70	NA		
13	OH	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS3 to DS1	UB5++, UK3++	QM3X1		\$ 372.85	NA		
13	OH	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS3 to DS1	UB5++, UK3++	QM3X2		\$ 372.85	NA		
13	OH	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS3 to DS1	UB5++, UK3++	QM3X3		\$ 372.85	NA		

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
13	OK	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, First Mile - Zone 1 (Rural)		ULNHS	1	\$ 148.99	\$ 301.93	\$ 179.82	first mile
13	OK	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, First Mile - Zone 2 (Suburban)		ULNHS	2	\$ 92.19	\$ 301.93	\$ 179.82	first mile
13	OK	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, First Mile - Zone 3 (Urban)		ULNHS	3	\$ 78.09	\$ 301.93	\$ 179.82	first mile
13	OK	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, First Mile - Interzone		ULNHS	I	\$ 140.40	\$ 301.93	\$ 179.82	first mile
13	OK	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile - Zone 1 (Rural)		ULNHS	1	\$ 7.68	NA	NA	additional mile
13	OK	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile - Zone 2 (Suburban)		ULNHS	2	\$ 14.17	NA	NA	additional mile
13	OK	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile - Zone 3 (Urban)		ULNHS	3	\$ 2.24	NA	NA	additional mile
13	OK	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile - Interzone		ULNHS	I	\$ 2.99	NA	NA	additional mile
13	OK	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, First Mile - Zone 1 (Rural)		ULNJS	1	\$ 2,007.79	\$ 336.40	\$ 218.88	first mile
13	OK	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, First Mile - Zone 2 (Suburban)		ULNJS	2	\$ 1,223.73	\$ 336.40	\$ 218.88	first mile
13	OK	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, First Mile - Zone 3 (Urban)		ULNJS	3	\$ 822.78	\$ 336.40	\$ 218.88	first mile
13	OK	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, First Mile - Interzone		ULNJS	I	\$ 1,696.31	\$ 336.40	\$ 218.88	first mile
13	OK	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile - Zone 1 (Rural)		ULNJS	1	\$ 160.14	NA	NA	additional mile
13	OK	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile - Zone 2 (Suburban)		ULNJS	2	\$ 274.35	NA	NA	additional mile
13	OK	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile - Zone 3 (Urban)		ULNJS	3	\$ 58.67	NA	NA	additional mile
13	OK	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile - Interzone		ULNJS	I	\$ 58.13	NA	NA	additional mile
13	OK	UNBUNDLED DEDICATED TRANSPORT	DS1 to VG		UM4BX		\$ 182.83	\$ 178.12	\$ 105.56	
13	OK	UNBUNDLED DEDICATED TRANSPORT	DS3 to DS1		UM4AX		\$ 632.51	\$ 895.90	\$ 522.41	

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
13	SC	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS1 - per mile	U1TD1	1L5XX		\$ 0.34			mile
13	SC	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS1 - Facility Termination	U1TD1	U1TF1		\$ 77.14	\$ 89.47	\$ 81.99	
13	SC	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS3 - per mile	U1TD3	1L5XX		\$ 8.02			mile
13	SC	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS3 - Facility Termination	U1TD3	U1TF3		\$ 880.65	\$ 279.37	\$ 163.12	

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
13	TN	UNBUNDLED DEDICATED TRANSPORT	Stand Alone - Interoffice Channel - DS1 - per mile	U1TD1	1LSXX		\$ 0.36			mile
13	TN	UNBUNDLED DEDICATED TRANSPORT	Stand Alone - Interoffice Channel - DS1 - Facility Termination	U1TD1	U1TF1		\$ 77.86	\$ 112.40	\$ 76.27	
13	TN	UNBUNDLED DEDICATED TRANSPORT	Stand Alone - Interoffice Channel - DS3 - per mile	U1TD3	1LSXX		\$ 2.34			mile
13	TN	UNBUNDLED DEDICATED TRANSPORT	Stand Alone - Interoffice Channel - DS3 - Facility Termination	U1TD3	U1TF3		\$ 848.99	\$ 395.29	\$ 176.56	

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
13	TX	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, First Mile - Zone 1 (Rural)		ULNHS	1	\$ 33.76	\$ 52.91	\$ 28.43	first mile
13	TX	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, First Mile - Zone 2 (Suburban)		ULNHS	2	\$ 32.55	\$ 52.91	\$ 28.43	first mile
13	TX	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, First Mile - Zone 3 (Urban)		ULNHS	3	\$ 34.08	\$ 52.91	\$ 28.43	first mile
13	TX	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, First Mile - Interzone		ULNHS	I	\$ 44.32	\$ 52.91	\$ 28.43	first mile
13	TX	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile - Zone 1 (Rural)		ULNHS	1	\$ 0.10	NA	NA	each additional mile
13	TX	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile - Zone 2 (Suburban)		ULNHS	2	\$ 0.11	NA	NA	each additional mile
13	TX	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile - Zone 3 (Urban)		ULNHS	3	\$ 0.13	NA	NA	each additional mile
13	TX	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile - Interzone		ULNHS	I	\$ 0.10	NA	NA	each additional mile
13	TX	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, First Mile - Zone 1 (Rural)		ULNJS	1	\$ 199.77	\$ 81.05	\$ 65.73	first mile
13	TX	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, First Mile - Zone 2 (Suburban)		ULNJS	2	\$ 179.53	\$ 81.05	\$ 65.73	first mile
13	TX	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, First Mile - Zone 3 (Urban)		ULNJS	3	\$ 194.60	\$ 81.05	\$ 65.73	first mile
13	TX	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, First Mile - Interzone		ULNJS	I	\$ 308.37	\$ 81.05	\$ 65.73	first mile
13	TX	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile - Zone 1 (Rural)		ULNJS	1	\$ 2.91	NA	NA	each additional mile
13	TX	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile - Zone 2 (Suburban)		ULNJS	2	\$ 3.20	NA	NA	each additional mile
13	TX	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile - Zone 3 (Urban)		ULNJS	3	\$ 3.96	NA	NA	each additional mile
13	TX	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile - Interzone		ULNJS	I	\$ 2.78	NA	NA	each additional mile
13	TX	UNBUNDLED DEDICATED TRANSPORT	DS1 Cross Connect to Collocation	UBNTX	UCXHX		\$ 7.51	\$ 57.08	\$ 40.49	
13	TX	UNBUNDLED DEDICATED TRANSPORT	DS3 Cross Connect to Collocation		UCXIX		\$ 25.70	\$ 70.78	\$ 54.19	
13	TX	UNBUNDLED DEDICATED TRANSPORT	Multiplexing - DS1 to VG		UM4BX		\$ 249.02	\$ 29.00	\$ 24.15	
13	TX	UNBUNDLED DEDICATED TRANSPORT	Multiplexing - DS3 to DS1		UM4AX		\$ 322.06	\$ 41.71	\$ 20.01	

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
13	WI	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Interoffice Transport: DS1 Interoffice Mileage Termination - Per Point of Termination - All Zones	UB5++, EE7MX, UK1++	CZ4X1		\$ 18.49			Per Pointof Termination - All Zones
13	WI	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Interoffice Transport: DS1 Interoffice Mileage Termination - Per Point of Termination - All Zones	UB5++, EE7MX, UK1++	CZ4X2		\$ 18.49			Per Pointof Termination - All Zones
13	WI	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Interoffice Transport: DS1 Interoffice Mileage Termination - Per Point of Termination - All Zones	UB5++, EE7MX, UK1++	CZ4X3		\$ 18.49			Per Pointof Termination - All Zones
13	WI	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Interoffice Transport: DS1 Interoffice Mileage - Per Mile - All Zones	UB5++, EE7MX, UK1++	1YZX1		\$ 2.19			Per Mile
13	WI	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Interoffice Transport: DS1 Interoffice Mileage - Per Mile - All Zones	UB5++, EE7MX, UK1++	1YZX2		\$ 2.19			Per Mile
13	WI	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Interoffice Transport: DS1 Interoffice Mileage - Per Mile - All Zones	UB5++, EE7MX, UK1++	1YZX3		\$ 2.19			Per Mile
13	WI	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Interoffice Transport: DS3 Interoffice Mileage Termination - Per Point of Termination - All Zones	UB5++, EE7NX, UK3++	CZ4W1		\$ 191.33			Per Pointof Termination - All Zones
13	WI	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Interoffice Transport: DS3 Interoffice Mileage Termination - Per Point of Termination - All Zones	UB5++, EE7NX, UK3++	CZ4W2		\$ 191.33			Per Pointof Termination - All Zones
13	WI	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Interoffice Transport: DS3 Interoffice Mileage Termination - Per Point of Termination - All Zones	UB5++, EE7NX, UK3++	CZ4W3		\$ 191.33			Per Pointof Termination - All Zones
13	WI	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Interoffice Transport: DS3 Interoffice Mileage - Per Mile - All Zones	UB5++, EE7NX, UK3++	1YZB1		\$ 33.29			Per Mile
13	WI	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Interoffice Transport: DS3 Interoffice Mileage - Per Mile - All Zones	UB5++, EE7NX, UK3++	1YZB2		\$ 33.29			Per Mile
13	WI	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Interoffice Transport: DS3 Interoffice Mileage - Per Mile - All Zones	UB5++, EE7NX, UK3++	1YZB3		\$ 33.29			Per Mile
13	WI	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS1 to Voice Grade	UB5++, UK1++	QMVX1		\$ 342.91			
13	WI	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS1 to Voice Grade	UB5++, UK1++	QMVX2		\$ 342.91			
13	WI	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS1 to Voice Grade	UB5++, UK1++	QMVX3		\$ 342.91			
13	WI	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS3 to DS1	UB5++, UK3++	QM3X1		\$ 473.51			
13	WI	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS3 to DS1	UB5++, UK3++	QM3X2		\$ 473.51			
13	WI	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS3 to DS1	UB5++, UK3++	QM3X3		\$ 473.51			
13	WI	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Cross Connects DS1	UB5++, EE7MX, UK1++	CXCDX		\$ 0.52			
13	WI	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Cross Connects DS3	UB5++, EE7NX, UK3++	CXCEX		\$ 0.96			

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, NEVADA BELL TELEPHONE COMPANY, LLC D/B/A AT&T NEVADA AND AT&T WHOLESALE, 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

MCIMETRO ACCESS TRANSMISSION SERVICES LLC

Signature: eSigned - Daniel J. Higgins IISignature: eSigned - Kristen E. ShoreName: eSigned - Daniel J. Higgins II
(Print or Type)Name: eSigned - Kristen E. Shore
(Print or Type)Title: AVP
(Print or Type)Title: AVP- Regulatory
(Print or Type)Date: 09 Sep 2025Date: 09 Sep 2025**MCImetro Access Transmission Services LLC**

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, Nevada Bell Telephone Company, LLC d/b/a AT&T NEVADA and AT&T Wholesale, 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
ARKANSAS	7020,7229	052A	052A,7277
CALIFORNIA	7020,7229,7526	7283	7070,7128,7229,7240,7283,8707
ILLINOIS	7108,7287	7229	2655,7149,7228,7229
KENTUCKY	7149,7229,7826	7229	7149,7228,7229
LOUISIANA	7149,7229,7826	7229	7149,7229
MICHIGAN	7020,7108,7289	7229	2649,7227,7228,7229
OHIO	7020,7108,7294	7229,7836	2535,7149,7227,7228,7229

Description	ACNA Code(s)
ACNA(s)	BFP,WUA,ICF,MFZ,AKJ,BFC

**AMENDMENT TO THE AGREEMENT
BETWEEN
MCIMETRO ACCESS TRANSMISSION SERVICES LLC
AND**

**BELLSOUTH TELECOMMUNICATIONS, LLC D/B/A AT&T KENTUCKY AND AT&T LOUISIANA,
ILLINOIS BELL TELEPHONE COMPANY, LLC D/B/A AT&T ILLINOIS, 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**

This Amendment (Amendment) amends the Interconnection Agreements by and between BellSouth Telecommunications, LLC d/b/a AT&T KENTUCKY and AT&T LOUISIANA, Illinois Bell Telephone Company, LLC d/b/a AT&T ILLINOIS, 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) and MCImetro Access Transmission 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, Kentucky, Louisiana, Michigan: 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.

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	MCImetro Access Transmission Services LLC	Interconnection	3/21/2006
Bellsouth Telecommunications, LLC d/b/a AT&T KENTUCKY	MCImetro Access Transmission Services LLC	Interconnection	11/5/2006
Pacific Bell Telephone Company d/b/a AT&T CALIFORNIA	MCImetro Access Transmission Services LLC	Interconnection	9/1/2006
Illinois Bell Telephone Company, LLC d/b/a AT&T ILLINOIS	MCImetro Access Transmission Services LLC	Interconnection	11/14/2010
Michigan Bell Telephone Company, LLC d/b/a AT&T MICHIGAN	MCImetro Access Transmission Services LLC	Interconnection	1/1/2004
The Ohio Bell Telephone Company, LLC d/b/a AT&T OHIO	MCImetro Access Transmission Services LLC	Interconnection	1/27/2003
Bellsouth Telecommunications, LLC d/b/a AT&T LOUISIANA	MCImetro Access Transmission Services LLC	Interconnection	11/5/2006