INTERCONNECTION AGREEMENT UNDER SECTIONS 251 AND 252 OF THE TELECOMMUNICATIONS ACT OF 1996

This Interconnection Agreement (the "MFN Agreement"), is being entered into by and between Southwestern Bell Telephone, L.P. d/b/a SBC Kansas ("SBC Kansas"), and MCImetro Access Transmission Services LLC ("CLEC"), (each a "Party" and, collectively, the "Parties"), pursuant to Sections 251 and 252 of the Telecommunications Act of 1996 ("the Act").

RECITALS

WHEREAS, pursuant to Section 252(i) of the Act, CLEC has requested to adopt the Interconnection Agreement by and between SBC Kansas and the separate CLEC designated in Section 2.4 below for the State of Kansas, which was previously approved by the Kansas Corporation Commission ("the Commission") under Section 252(e) of the Act (the "Separate Agreement"), which is incorporated herein by reference; and

NOW, THEREFORE, in consideration of the mutual provisions contained herein and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, CLEC and SBC Kansas hereby agree as follows:

1. Incorporation of Recitals and Separate Agreement by Reference

1.1 The foregoing recitals are hereby incorporated into and made a part of this MFN Agreement.

1.2 Except as expressly stated herein, the Separate Agreement, including any and all applicable Appendices, Schedules, Exhibits, Attachments and Commission approved Amendments thereto, are incorporated herein by this reference and form an integral part of the MFN Agreement.

2. Modifications to Separate Agreement

2.1 References in the Separate Agreement to "CLEC" or to "Other" shall for purposes of the MFN Agreement be deemed to refer to CLEC.

2.2 References in the Separate Agreement to the "Effective Date," the date of effectiveness thereof and like provisions shall for purposes of this MFN Agreement be deemed to be the date this fully executed MFN Agreement is approved by the Commission (the "Effective Date"). This MFN Agreement shall expire in accordance with the terms of the Separate Agreement.

2.3 The Notices Section in the Separate Agreement is hereby revised to reflect that Notices should be sent to CLEC under this MFN Agreement at the following address:

NOTICE CONTACT	MCIm CONTACT
NAME/TITLE	V.P. & Chief Technology Counsel
STREET ADDRESS	MCI, Inc. 1133 19th Street NW
CITY, STATE, ZIP CODE	Washington, DC 20036
FACSIMILE NUMBER	(202) 736-6382

Copy to: MCI
Senior Manager, Carrier Agreements

205 N. Michigan Avenue, 11th Floor
Chicago, IL 60601
Fax: (312) 470-5575

2.4 CLEC hereby designates the Separate Agreement it is adopting by way of this MFN Agreement by placing an "X" next to its chosen Separate Agreement immediately below:

_____ Docket No. 06-SWBT-236-IAT, approved September 14, 2005 (Cox Kansas Telecom, LLC)

_____ Docket No. 05-NVTT-370-ARB, approved September 14, 2005 (Navigator Telecommunications, LLC)

_____ Docket No. 06-SWBT-237-IAT, approved September 14, 2005 (NuVox Communications of Kansas, Inc.)

_____ Docket No. 06-SWBT-235-IAT, approved September 12, 2005 (Prairie Stream Communications, Inc.)

__X__ Docket No. 06-SWBT-234-IAT, approved September 14, 2005 (Xspedius Communications, LLC)

2.5 Intercarrier Compensation Options

2.5.1 For purposes of its MFN Agreement, CLEC elects the Intercarrier Compensation Option Choice designated with an "X" immediately below:.

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

2.6 CLEC-Specific Amendments

2.6.1 The Parties agree that the "Amendment Superseding Certain Reciprocal Compensation, Interconnection and Trunking Terms" previously entered into by the Parties and approved by the Commission on August 1, 2005 is hereby incorporated into this MFN Agreement.

2.6.2 The Parties agree that the "Amendment Out of Exchange Traffic" previously entered into by the Parties and approved by the Commission on June 29, 2005 is hereby incorporated into this MFN Agreement.

3. Clarifications

3.1 In entering into this MFN Agreement, the Parties acknowledge and agree that neither Party is waiving, and each Party hereby expressly reserves, any of its rights, remedies or arguments it may have at law or under the intervening law or regulatory change provisions in this MFN Agreement (including intervening law rights asserted by either Party via written notice as to the Separate Agreement), with respect to any orders, decisions, legislation or proceedings and any remands by the FCC, state utility commission, court, legislature or other governmental body including, without limitation, any such orders, decisions, legislation, proceedings, and remands which were issued, released or became effective prior to the Effective Date of this MFN Agreement, or which the

Parties have not yet fully incorporated into this Agreement or which may be the subject of further government review; provided, however, nothing in this paragraph is intended or should be construed as modifying or superseding the rates, terms and conditions in the Parties' Amendment Superseding Certain Compensation, Interconnection and Trunking Provisions ("Superseding Amendment"), in which the Parties waived certain rights they may have under the Intervening/Change in Law provisions(s) in the Agreement with respect to any reciprocal compensation or Total Compensable Local Traffic (as defined in the Superseding Amendment), POIs or trunking requirements that are the subject of the Superseding Amendment for the period from April 1, 2005 through the Termination Date (as defined in the Superseding Amendment).

IN WITNESS WHEREOF, the Parties hereto have caused this Agreement to be executed as of this 26th day of September, 2005.

MCImetro Access Transmission Services LLC

Signature: [signature]

Print Name: Michael A. Beach

Title: Vice President - Carrier Management

Date: 9/23/2005

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

Signature: [signature]

Print Name: Mike Auinbauh

Title: AVP-Local Interconnection Marketing

Date: SEP 26 2005

Facilities: OCN/AECN# _____

Resale: OCN/AECN# _____

INTERCONNECTION AGREEMENT-KANSAS

between

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

and

Xspedius Management Co, Switched Services, LLC
and Xspedius Management Co. of Kansas City, LLC
d/b/a Xspedius Communications

TABLE OF CONTENTS

1.0 INTRODUCTION 5
2.0 GENERAL RESPONSIBILITIES OF THE PARTIES 7
3.0 ASSURANCE OF PAYMENT 9
4.0 EFFECTIVE DATE AND TERM OF AGREEMENT 12
5.0 ASSIGNMENT 14
6.0 CONFIDENTIALITY AND PROPRIETARY INFORMATION 16
7.0 LIABILITY AND INDEMNIFICATION 17
8.0 COMPLIANCE AND CERTIFICATION 21
9.0 PAYMENT OF RATES AND CHARGES 21
10.0 LIMITATION ON BACK-BILLING AND CREDIT CLAIMS 21
11.0 DAILY USAGE FILE 22
12.0 ALTERNATELY BILLED TRAFFIC (ABT) 22
13.0 DISPUTE RESOLUTION 22
14.0 NON-PAYMENT AND PROCEDURES FOR DISCONNECTION 24
15.0 NOTICES 26
16.0 TAXES 28
17.0 FORCE MAJEURE 29
18.0 PUBLICITY 30
19.0 NETWORK MAINTENANCE AND MANAGEMENT 30
20.0 LAW ENFORCEMENT AND CIVIL PROCESS 31
21.0 CHANGES IN SUBSCRIBER CARRIER SELECTION 31
22.0 AMENDMENTS OR WAIVERS 32
23.0 CHANGE IN LAW; RESERVATION OF RIGHTS 32
24.0 AUTHORITY 33
25.0 BINDING EFFECT 34
26.0 CONSENT 34
27.0 EXPENSES 34
28.0 HEADINGS 34
29.0 RELATIONSHIP OF PARTIES 34
30.0 CONFLICT OF INTEREST 35
31.0 MULTIPLE COUNTERPARTS 35
32.0 THIRD PARTY BENEFICIARIES 36
33.0 REGULATORY APPROVAL 36
34.0 TRADEMARKS AND TRADE NAMES 36
35.0 REGULATORY AUTHORITY 36
36.0 COMMISSION INTERPRETATION OF SAME OR SUBSTANTIVELY SIMILAR LANGUAGE 36
37.0 TARIFF REFERENCES 36
38.0 VERIFICATION REVIEWS 37
39.0 COMPLETE TERMS 38
40.0 COOPERATION ON PREVENTING END USER FRAUD 38
41.0 NOTICE OF NETWORK CHANGES 38
42.0 GOOD FAITH PERFORMANCE 38
43.0 RESPONSIBILITY OF EACH PARTY 39
44.0 TRANSMISSION OF TRAFFIC TO THIRD PARTIES 39
45.0 GOVERNMENTAL COMPLIANCE 39
46.0 RESPONSIBILITY FOR ENVIRONMENTAL CONTAMINATION 39
47.0 SUBCONTRACTING 41

48.0 REFERENCED DOCUMENTS....41
49.0 SEVERABILITY....41
50.0 SURVIVAL OF OBLIGATIONS....42
51.0 GOVERNING LAW....42
52.0 PERFORMANCE MEASURES....42
53.0 INTENTIONALLY LEFT BLANK....42
54.0 INTENTIONALLY LEFT BLANK....42
55.0 DIALING PARITY; NUMBER PORTABILITY....42
56.0 BRANDING....43
57.0 END USER-CUSTOMER INQUIRIES....43
58.0 DISCLAIMER OF WARRANTIES....43
59.0 NO WAIVER....43
60.0 DEFINITIONS....44
61.0 RESALE....44
62.0 UNBUNDLED NETWORK ELEMENTS....44
63.0 ORDERING AND PROVISIONING, MAINTENANCE, CONNECTIVITY BILLING AND RECORDING, AND PROVISION OF END USER CUSTOMER USAGE DATA....44
64.0 NETWORK INTERCONNECTION ARCHITECTURE....45
65.0 COMPENSATION FOR DELIVERY OF TRAFFIC....45
66.0 ANCILLARY FUNCTIONS....45
67.0 INTENTIONALLY LEFT BLANK....45
68.0 AMENDMENTS AND MODIFICATIONS....45
69.0 ENTIRE AGREEMENT....45
70.0 SCOPE OF AGREEMENT....46
71.0 OTHER REQUIREMENTS AND ATTACHMENTS....46

ATTACHMENTS

Resale

Attachment 1: Resale
- Appendix Services/Pricing
- Appendix Resale Schedule of Prices
- Appendix Customized Routing-Resale
- Appendix DA-Resale
- Appendix OS-Resale
- Appendix White Pages (WP)-Resale

Attachment 2: Ordering and Provisioning-Resale
Attachment 3: Maintenance-Resale
Attachment 4: Connectivity Billing-Resale
Attachment 5: Provision of End User Usage Data-Resale

Unbundled Network Elements

Attachment 6: Unbundled Network Elements (UNE)
- Appendix Pricing- UNE
- Appendix Pricing – UNE Schedule of Pricing
- Appendix Exhibit A

Attachment 7: Ordering and Provisioning- UNE
Attachment 8: Maintenance- UNE

Atttachment 9 – Intentionally Left Blank
Attachment 10: Provision of End User Usage Data- UNE
Appendix Remand Order Embedded Base Temporary Rider
Appendix – UNE Subloop

Network Interconnection Architecture and Compensation
Attachment 11: Network Interconnection Architecture
Appendix Interconnection Trunking Requirement (ITR)
Appendix Network Interconnection Methods (NIM)
Attachment 12: Compensation

Ancillary Functions
Appendix Collocation
Appendix Poles, Conduit, ROW

Other Requirements
Attachment 14: Permanent Number Portability
Attachment 15: E911
Attachment 16: Network Security and Law Enforcement
Attachment 17: Performance Measurements
Appendix Performance Measurements Business Rules
Attachment 18: Mutual Exchange of Directory Listing Information
Attachment 19: White Pages-Other (WP-O)
Attachment 20: Clearinghouse
Attachment 21: Numbering
Attachment 22: DA-Facilities Based
Attachment 23: OS-Facilities Based
Attachment 24: Recording-Facilities Based
Attachment 25: xDSL
Appendix xDSL RABT
Appendix xDSL YZP
Appendix xDSL YPZ w/RABT MMP
Attachment 26: Intentionally Left Blank
Attachment 27: OSS

INTERCONNECTION AGREEMENT - KANSAS

This Interconnection Agreement - Kansas (Agreement) is between Xspedius Management Co. Switched Services, LLC and Xspedius Management Co. of Kansas City, LLC d/b/a Xspedius Communications ("XSPEDIUS" or "CLEC"), a Delaware corporation, having its principal office in Laurel, Maryland 20707-6102, and Southwestern Bell Telephone, L.P. d/b/a SBC Kansas ("SBC KANSAS"), a Texas Limited Partnership, having its principal office at 175 E. Houston Street, San Antonio, TX 78205, (collectively the Parties).

WHEREAS, pursuant to Sections 251 and 252 of the Telecommunications Act of 1996 (the Act), the Parties wish to establish terms for the resale of SBC KANSAS services and for the provision by SBC KANSAS of Interconnection, Unbundled Network Elements, and Ancillary Functions as designated in the Attachments hereto.

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

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

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

WHEREAS, for purposes of this Agreement, XSPEDIUS intends to operate where Southwestern Bell Telephone, L.P. d/b/a SBC KANSAS is the incumbent Local Exchange Carrier and XSPEDIUS, a competitive Local Exchange Carrier, has or, prior to the provisioning of any Interconnection, access to Unbundled Network Elements, Resale Services or any other functions, facilities, products or services hereunder, will have been granted authority to provide certain local Telephone Exchange Services in the SBC KANSAS areas by the Kansas Corporation Commission ("KS-CC" or "Commission"); and

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

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

1.0 INTRODUCTION

1.1 This Agreement sets forth the terms, conditions and prices under which SBC KANSAS agrees to provide (a) services for resale (hereinafter referred to as Resale services), (b) Unbundled Network Elements, or combinations of such Unbundled XSPEDIUS' network to SBC KANSAS' network and Intercarrier Compensation for intercarrier telecommunications traffic exchanged between XSPEDIUS and SBC KANSAS.

1.2 Subject to the provisions of Attachment 6: Unbundled Network Elements (UNE) and upon XSPEDIUS request, SBC KANSAS shall meet its UNE combining obligations as and to the extent required by FCC rules and orders, and Verizon Comm. Inc. v. FCC, 535 U.S. 467 (May 13, 2002) ("Verizon Comm. Inc.") and, to the extent not inconsistent therewith, the rules and orders of the relevant state Commission and any other Applicable Law.

1.3 Except as provided in this Agreement, during the term of this Agreement, SBC KANSAS will not discontinue, as to XSPEDIUS, any Network Element, Combination, or Ancillary Functions offered to XSPEDIUS hereunder. During the term of this Agreement, SBC KANSAS will not discontinue any Resale services or features offered to XSPEDIUS hereunder except as provided in this Agreement. This Section is not intended to impair SBC KANSAS' ability to make changes in its Network, so long as such changes are consistent with the Act and do not result in the discontinuance of the offerings of Network Elements, Combinations, or Ancillary Functions made by SBC KANSAS to XSPEDIUS as set forth in and during the terms of this Agreement. Further, the Parties agree this Section is not intended to impair SBC KANSAS' ability to seek discontinuance of a Network Element, Combination, Ancillary Function, or any Resale services or features offered to XSPEDIUS hereunder through the Change of Law provision in Section 23. Subject to Attachment 6: Unbundled Network Elements, in the event that SBC KANSAS denies a request to perform the functions necessary to combine UNEs or to perform the functions necessary to combine UNEs with elements possessed by XSPEDIUS, SBC KANSAS shall provide written notice to XSPEDIUS of such denial and the basis thereof. Any dispute over such denial shall be addressed using the dispute resolution procedures applicable to this Agreement. In any dispute resolution proceeding, SBC KANSAS shall have the burden to prove that such denial meets one or more applicable standards for denial, including without limitation those under the FCC rules and orders, Verizon Comm. Inc. and the Agreement, including Section 2.12 of Attachment 6: Unbundled Network Elements.

1.4 SBC KANSAS may fulfill the requirements imposed upon it by this Agreement by itself or may cause its Affiliates to take such actions to fulfill the responsibilities.

1.5 This Agreement includes and incorporates herein the Attachments listed immediately following the Table of Contents of this Agreement, and all accompanying Appendices, Addenda and Exhibits.

1.6 SBC KANSAS' obligations under this agreement shall only apply to the specific operating area(s) or portion thereof in which SBC KANSAS is then deemed to be the ILEC; under the Act (the "ILEC Territory"), and only to the extent that the XSPEDIUS is operating and offering service to end users identified to be residing in such ILEC Territory, except as specifically addressed in the Attachment 6 Unbundled Network Elements.

1.7 This Agreement sets forth the terms and conditions pursuant to which SBC KANSAS agrees to provide XSPEDIUS with access to Unbundled Network Elements under Section 251(c)(3) of the Act, Collocation under Section 251(c)(6) of the Act, Interconnection under Section 251(c)(2) of the Act and/or Resale under Section 251(c)(4) of the Act in SBC KANSAS' incumbent local exchange areas for the provision of XSPEDIUS' Telecommunications Services. The Parties acknowledge and agree that SBC KANSAS is only obligated to make available UNEs and access to UNEs under Section 251(c)(3) of the Act, Collocation under Section 251(c)(6) of the Act, Interconnection under Section 251(c)(2) of the Act and/or Resale under Section 251(c)(4) of the Act to XSPEDIUS in SBC KANSAS' incumbent local exchange areas. SBC KANSAS has no obligation to provide such UNEs, Collocation, Interconnection and/or Resale to XSPEDIUS for the purposes of XSPEDIUS providing and/or extending service outside of SBC KANSAS' incumbent local exchange areas. In addition, SBC KANSAS is not obligated to provision UNEs or to provide access to UNEs under Section 251(c)(3) of the Act, Collocation under Section 251(c)(6) of the Act, Interconnection under Section 251(c)(2) of the Act and/or Resale under Section 251(c)(4) of the Act and is not otherwise bound by any 251(c) obligations in geographic areas other than SBC KANSAS' incumbent local exchange areas. Therefore, the Parties understand and agree that the rates, terms and conditions set forth in this Agreement, and any associated provisions set forth elsewhere in this Agreement (including but not limited to the rates set forth in this Agreement associated with UNEs under Section 251(c)(3) of the Act, Collocation under Section 251(c)(6) of the Act, Interconnection under Section 251(c)(2) of the Act and/or Resale under Section 251(c)(4) of the Act), shall only apply to the Parties and be available to CLEC for provisioning

telecommunication services within SBC KANSAS' incumbent local exchange area(s) in Kansas when this Agreement has been approved by the Commission and is in effect.

1.8 Throughout this Agreement, wherever there are references to unbundled network elements that are to be provided by SBC KANSAS under this Agreement, the Parties agree and acknowledge that their intent is for the Agreement to comply with Section 1.7, above, and require only the provision of UNEs, regardless of whether the term is used as part of the reference to unbundled network elements.

1.9 Successor Rates

1.9.1 Certain of the rates, prices and charges set forth in the pricing appendix have been established by the Kansas Corporation Commission in cost proceedings or dockets initiated under or pursuant to the Act. If during the Term the Commission or the FCC changes a rate, price or charge in an order or docket that applies to any of the Interconnection, Resale Services, Unbundled Network Elements, functions, facilities, products and services available hereunder, the Parties agree to amend this Agreement to incorporate such new rates, prices and charges, with such rates, prices and charges to be effective as of the date specified in such order or docket (including giving effect to any retroactive application, if so ordered). If either Party refuses to execute an amendment to this Agreement within ninety (90) calendar days after the date of such order or docket, the other Party may pursue its rights under Section 13.0/

2.0 GENERAL RESPONSIBILITIES OF THE PARTIES

2.1 Each Party is solely responsible for all products and services it provides to its end users and to other Telecommunications Carriers.

2.2 Facilities-based carriers and UNE-based Switch Port providers are responsible for administering their end user records in a LIDB.

2.3 At all times during the term of this Agreement, each Party shall keep and maintain in force at its own expense the following minimum insurance coverage and limits and any additional insurance and/or bonds required by Applicable Law:

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

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

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

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

2.3.2 Commercial General Liability insurance with minimum limits of: $10,000,000 General Aggregate limit; $5,000,000 each occurrence sub-limit for all bodily injury or property Damage incurred in any one occurrence; $1,000,000 each occurrence sub-limit for Personal Injury and Advertising; $10,000,000 Products/Completed Operations Aggregate limit, with a $5,000,000 each occurrence sub-limit for Products/Completed Operations. Fire Legal Liability sub-limits of $2,000,000 are also required if this Agreement involves collocation. The other Party must be named as an Additional Insured on the Commercial General Liability policy.

2.3.3 If use of an automobile is required, Automobile Liability insurance with minimum limits of $1,000,000 combined single limits per occurrence for bodily injury and property Damage, which coverage shall extend to all owned, hired and non-owned vehicles.

2.3.4 Each Party shall require subcontractors providing services under this Agreement to maintain in force the insurance coverage and limits required in Sections 2.3 through 2.3.3 of this Agreement.

2.3.5 The Parties agree that companies affording the insurance coverage required under Section 2.3 shall have a rating of B+ or better and a Financial Size Category rating of VII or better, as rated in the A.M. Best Key Rating Guide for Property and Casualty Insurance Companies. Upon request from the other Party, each Party shall provide to the other Party evidence of such insurance coverage.

2.3.6 Each Party agrees to provide the other Party with at least thirty (30) calendar days advance written notice of cancellation, material reduction or non-renewal of any of the insurance policies required herein.

2.3.7 Each Party agrees to accept the other Party's program of self-insurance in lieu of insurance coverage if certain requirements are met. These requirements are as follows:

2.3.7.1 The Party desiring to satisfy its Workers' Compensation and Employers Liability obligations through self-insurance shall submit to the other Party a copy of its Certificate of Authority to Self-Insure its Workers' Compensation obligations issued by the State of Kansas covered by this Agreement or the employee's state of hire; and

2.3.7.2 The Party desiring to satisfy its automobile liability obligations through self-insurance shall submit to the other Party a copy of the state-issued letter approving self-insurance for automobile liability issued by each state covered by this Agreement; and

2.3.7.3 The Party desiring to satisfy its general liability obligations through self-insurance must provide evidence acceptable to the other Party that it maintains at least an investment grade (e.g., B+ or higher) debt or credit rating as determined by a nationally recognized debt or credit rating agency such as Moody's, Standard and Poor's or Duff and Phelps.

2.3.8 This Section 2.3 is a general statement of insurance requirements and shall be in addition to any specific requirement of insurance referenced elsewhere in this Agreement or a Referenced Instrument.

2.4 Simultaneously with XSPEDIUS' execution of this Agreement, XSPEDIUS shall insert its state-specific authorized and nationally recognized OCN/AECNs for facilities-based (Interconnection and/or Unbundled Network Elements) and a separate and distinct OCN/AECN for Resale Services on the signature page of this Agreement and provide SBC KANSAS with a copy.

2.5 When an end user changes its service provider from SBC KANSAS to XSPEDIUS or from XSPEDIUS to SBC KANSAS and does not retain its former telephone number, SBC will make available to the XSPEDIUS

the ability to order and provision a Referral Announcement on the original telephone number to announce the new telephone number. The Party formerly providing service shall be responsible for furnishing the Referral Announcement Service pursuant to regulatory requirements provided such Announcement is requested for the original telephone number.

2.6 Each Party agrees to notify the other Party as soon as practicable whenever such Party has knowledge that a labor dispute concerning its employees threatens to materially delay such Party's timely performance of its obligations under this Agreement and shall endeavor to minimize impairment of service to the other Party (for example, by using its management personnel to perform work or by other means) in the event of a labor dispute to the extent permitted by Applicable Law.

2.7 This Agreement contains comprehensive OSS terms and conditions. XSPEDIUS represents, warrants and covenants that it will only use OSS furnished pursuant to this Agreement for activities related to UNEs, resold services or other services covered by this Agreement, and for which this Agreement contains explicit rates, terms, and conditions.

2.8 The Parties acknowledge and agree that the XSPEDIUS will not order products and services not included within this agreement. The Parties acknowledge and agree that SBC will bill the XSPEDIUS for products and services included within this Agreement in accordance with the prices included within this Agreement for the products and services. Accordingly, if this Agreement is executed and/or approved by the Commission and the Parties later discover that a product or service is included in this Agreement without an associated rate or charge, the Parties will agree upon a rate or charge to include in this Agreement for billing of said products and services. If the Parties cannot agree, either Party may pursue dispute resolution under the applicable provisions of this Agreement.

2.9 Intentionally Left Blank

2.10 SBC KANSAS will make available any individual interconnection, service and/or network element arrangement provided under an agreement approved by a regulatory commission under Section 252 of the Act to which it is a party to any other requesting telecommunications carrier upon the same terms and conditions as those provided in the agreement in accordance with Section 252(i) of the Act, as that Section has been interpreted in Applicable Law.

3.0 ASSURANCE OF PAYMENT

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

3.2 The deposit requirements set forth in this Section 3.0 apply to the Resale Services and Network Elements furnished under this Agreement. A CLEC furnished both Resale Services and Network Elements in one (1) state under this Agreement shall make two (2) separate deposits for that state, each calculated separately as set forth below in Sections 3.2 through 3.10, inclusive.

3.2.1 XSPEDIUS shall remit an initial cash deposit to SBC KANSAS prior to the furnishing of Resale Services or Network Elements in Kansas under this Agreement. The deposit required by the previous sentence shall be determined as follows:

3.2.1.1 for SBC KANSAS, if immediately prior to the Effective Date, XSPEDIUS was not operating as a Local Service Provider in Kansas the initial deposit shall be in the amount of $17,000; or

3.2.1.2 for SBC KANSAS, if immediately prior to the Effective Date, XSPEDIUS was operating as a Local Service Provider in Kansas, the deposit shall be in the amount calculated using the method set forth in Section 3.7 of this Agreement; or

3.2.1.3 if XSPEDIUS has established a minimum of twelve (12) consecutive months good credit history with all ILEC Affiliates of SBC KANSAS (that is, AMERITECH, NEVADA, PACIFIC, SNET and SWBT) with which XSPEDIUS is doing or has done business as a Local Service Provider, SBC KANSAS shall waive the initial deposit requirement; provided, however, that the terms and conditions set forth in Section 3.1 through Section 3.10 of this Agreement shall continue to apply in each state for the Term. In determining whether XSPEDIUS has established a minimum of twelve (12) consecutive months good credit history with each ILEC Affiliate of SBC KANSAS with which XSPEDIUS is doing or has done business, XSPEDIUS' payment record with each ILEC Affiliate of SBC KANSAS for the most recent twelve (12) months occurring within the twenty-four (24) month period immediately prior to the Effective Date shall be considered.

3.3 Any cash deposit shall be held by SBC KANSAS as a guarantee of payment of charges billed to XSPEDIUS, provided, however, SBC KANSAS may exercise its right to credit any cash deposit to XSPEDIUS' account upon the occurrence of any one of the following events:

3.3.1 when SBC KANSAS sends XSPEDIUS the second delinquency notification during the most recent twelve (12) months; or

3.3.2 when SBC KANSAS suspends XSPEDIUS' ability to process orders in accordance with Sections 14.4.1 and 14.4.2; or

3.3.3 when XSPEDIUS files for protection under the bankruptcy laws; or when an involuntary petition in bankruptcy is filed against XSPEDIUS and is not dismissed within sixty (60) days; or

3.3.4 when this Agreement expires or terminates.

3.3.5 Intentionally Left Blank

3.3.6 During the month following the expiration of twelve (12) months after that cash deposit was remitted, SBC KANSAS shall credit any cash deposit to XSPEDIUS' account so long as XSPEDIUS has not been sent more than one delinquency notification letter during the most recent twelve (12) months.

3.3.7 For the purposes of this Section 3.3, interest will be calculated as specified in Section 9.1 and shall be credited to XSPEDIUS' account at the time that the cash deposit is credited to XSPEDIUS' account.

3.4 So long as XSPEDIUS maintains timely compliance with its payment obligations, SBC KANSAS will not increase the deposit amount required. If XSPEDIUS fails to maintain timely compliance with its payment obligations, SBC KANSAS reserves the right to require additional deposit(s) in accordance with Section 3.1 and Section 3.5 through Section 3.10.

3.5 If during the first six (6) months of operations, XSPEDIUS has been sent one delinquency notification letter by SBC KANSAS, the deposit amount shall be re-evaluated based upon XSPEDIUS' actual billing totals and shall be increased if XSPEDIUS' actual billing average:

3.5.1 for SBC KANSAS for a two (2) month period exceeds the deposit amount held; or

3.6 Throughout the Term, any time XSPEDIUS has been sent two (2) delinquency notification letters by SBC KANSAS, the deposit amount shall be re-evaluated based upon XSPEDIUS' actual billing totals and shall be increased if XSPEDIUS' actual billing average:

3.6.1 for SBC KANSAS for a two (2) month period exceeds the deposit amount held; or

3.7 Whenever a deposit is re-evaluated as specified in Section 3.5 or Section 3.6, such deposit shall be calculated in an amount equal to the average billing to XSPEDIUS for a two (2) month period. The most recent three (3) months billing on all of XSPEDIUS' CBAs and BANs for Resale Services or Network Elements within that state shall be used to calculate XSPEDIUS' monthly average.

3.7.1 In no event will XSPEDIUS will be subject to an assurance of payment to SBC KANSAS that exceeds one month's projected average billing by SBC KANSAS to XSPEDIUS, less the amount of billings by XSPEDIUS to SBC KANSAS. If SBC owes XSPEDIUS more than $500,000 then a deposit would not be required until such time as the outstanding balance is reduced below this amount.

3.8 Whenever a deposit is re-evaluated as specified in Section 3.5 and Section 3.6, XSPEDIUS shall remit the additional deposit amount to SBC KANSAS within thirty (30) calendar days of receipt of written notification from SBC KANSAS requiring such deposit. If XSPEDIUS fails to furnish the required deposit within thirty (30) calendar days of receipt of written notice requesting such deposit, SBC KANSAS shall begin the process set forth in Section 14 of this Agreement for that state. If XSPEDIUS continues to fail to furnish the required deposit at the expiration of the fifteen (15) calendar days specified in Section 14.1 of this Agreement, then SBC KANSAS shall begin the procedure(s) set forth in Sections 14.4 through 14.7 of this Agreement.

3.9 This cash deposit requirement may be satisfied in whole or in part with an irrevocable bank letter of credit acceptable to SBC KANSAS, or a surety bond underwritten by a company approved by the Kansas Insurance Department to underwrite such surety bonds. No interest shall be paid by SBC KANSAS for any portion of the deposit requirement satisfied by an irrevocable bank letter of credit or surety bond. SBC KANSAS may demand payment from the issuing bank or bonding company of any irrevocable bank letter of credit or surety bond upon the occurrence of any of the events listed in Sections 3.3.1 through 3.3.4.

3.10 The fact that SBC KANSAS holds either a cash deposit or irrevocable bank letter of credit does not relieve XSPEDIUS from timely compliance with its payment obligations under this Agreement.

4.0 EFFECTIVE DATE AND TERM OF AGREEMENT

4.1 The Effective Date of this Agreement (the "Effective Date") shall be as follows: (i) unless this Agreement is a successor agreement to an effective interconnection agreement between the Parties under Sections 251/252 of the Act, then the Effective Date of this Agreement shall be ten (10) calendar days after the Commission approves this Agreement under Section 252(e) of the Act or, absent such Commission approval, the date this Agreement is deemed approved under Section 252(e)(4) of the Act; or (ii) if this Agreement is a successor agreement to an effective interconnection agreement between the Parties under Sections 251/252, then the Effective Date shall be the date upon which the Commission approves the Agreement under the Act, or absent such Commission approval, the date this Agreement is deemed approved under Section 252(e)(4) of the Act.

4.2a The Agreement shall have a term ("Term") of three (3) years and 90 days commencing on the Effective Date. Absent the receipt by one Party of written notice from the other Party not earlier than 180 calendar days prior to the expiration of the Term to the effect that such Party does not intend to extend the Term ("Notice of Expiration"), this Agreement shall remain in full force and effect, on a month to month basis, on and after the expiration of the Term until terminated by either Party.

4.2.1 If either Party serves Notice of Expiration pursuant to Section 4.2, XSPEDIUS shall have twenty (20) calendar days to provide SBC KANSAS written confirmation if XSPEDIUS wishes to pursue a successor agreement with SBC KANSAS or alternatively, if XSPEDIUS wishes to allow the current Agreement to expire. If XSPEDIUS wishes to pursue a successor agreement with SBC KANSAS, XSPEDIUS shall attach to its written confirmation or Notice of Expiration, as applicable, a written request to commence negotiations with SBC KANSAS under Sections 251/252 of the Act. Upon receipt of XSPEDIUS' Section 252(a)(1) request, the Parties shall commence good faith negotiations on a successor agreement.

4.2.1.1 If XSPEDIUS does not affirmatively state that it wishes to pursue a successor agreement with SBC KANSAS in its, as applicable, Notice of Expiration or the written confirmation required after receipt of SBC KANSAS' Notice of Expiration, then the rates, terms and conditions of this Agreement shall continue in full force and effect until the later of 1) the expiration of the Term of this Agreement, or 2) the expiration of ninety (90) calendar days after the date XSPEDIUS provided or received Notice of Expiration. Unless otherwise agreed by the Parties, if the Term of this Agreement has expired, on the ninety-first (91st) day following XSPEDIUS provided or received Notice of Expiration, the Parties shall have no further obligations under this Agreement except those described in Section 50.0 of this Agreement, including but not limited to the obligations described in Section 4.10 below.

4.2 XSPEDIUS may terminate this Agreement in whole or in part at any time for any reason upon sixty (60) days prior notice but its liabilities and obligations shall continue in accordance with Section 50 below.

4.3 If either Party desires to negotiate a successor agreement to this Agreement, such Party must provide the other Party with a written request to negotiate such successor agreement (Request to Negotiate / Notice of Expiration or "Request / Notice") not earlier than 365 calendar days prior to the expiration and not later than 180 calendar days prior to the expiration of this Agreement.

4.3.1 The terms and conditions and rates and charges contained herein will continue to apply until the earlier of (i) termination by either Party under the terms of this Agreement; (ii) the date a successor agreement becomes effective or (iii) the date that is ten (10) months after the date on which SBC KANSAS received XSPEDIUS' Section 252(a)(1) Request. If XSPEDIUS requests negotiation of a successor agreement, the rates, terms

and conditions of this Agreement will continue in effect during the pendency of the parties' negotiations and, if applicable, arbitration.

4.4 If a Request/Notice is not received pursuant to Section 4.3 then this Agreement shall remain in full force and effect on and after the expiration of the Term on a month-to- month basis until terminated pursuant to this Section or Section 4.6 or 4.7. During any month-to-month extension of this Agreement, the rates, terms and conditions of this Agreement shall continue in full force and effect until the earlier of (i) the effective date of its successor agreement, whether such successor agreement is established via negotiation, arbitration or pursuant to Section 252(i) of the Act; or (ii) the date that is ten (10) months after the date on which SBC KANSAS received XSPEDIUS' Section 252(a)(1) Request to Negotiate.

4.5 If XSPEDIUS submits a Request under Sections 251/252(i) of the Act for a successor agreement or SBC KANSAS submits a Notice, the Request/Notice does not activate the negotiation timeframe set forth in this Agreement, if XSPEDIUS' Request is pursuant to Section 252(a)(1), XSPEDIUS will delineate the items desired to be negotiated. Not later than 45 days from receipt of said Request/Notice, the receiving Party will notify the sending Party of additional items desired to be negotiated, if any. The Parties will begin negotiations not later than 135 days prior to expiration of this Agreement. If XSPEDIUS' Request is made pursuant to Section 252(i), the Agreement selected for adoption will be prepared for execution by the Parties.

4.6 If at any time during the Section 252(a)(1) negotiation process (whether prior to or after the expiration date or termination date of this Agreement), XSPEDIUS withdraws its Section 252(a)(1) request, XSPEDIUS must include in its notice of withdrawal either a request to adopt a successor agreement under Section 252(i) of the Act or an affirmative statement that XSPEDIUS does not wish to pursue a successor agreement with SBC KANSAS for the state of Kansas. The rates, terms and conditions of this Agreement shall continue in full force and effect until the later of: 1) the expiration of the term of this Agreement, or 2) the effective date of the successor agreement being adopted under Section 252(i) as set forth above.

4.7 If the XSPEDIUS fails to timely respond to SBC KANSAS' Section 4.3 Notice, then the rates, terms and conditions of this Agreement shall continue in full force and effect until the later of: 1) the expiration of the Term of this Agreement, or 2) the expiration of ninety (90) calendar days after the date XSPEDIUS provided its Request or received SBC KANSAS' Notice. If the Term of this Agreement has expired, on the ninety-first (91st) day following XSPEDIUS' Request or receipt of SBC KANSAS' Notice, the Parties shall have no further obligations under this Agreement except those set forth in Section 4.10 of this Agreement.

4.8 Notwithstanding any other provision of this Agreement, either Party may terminate this Agreement and the provision of any Interconnection, Resale Services, Unbundled Network Elements, functions, facilities, products or services provided pursuant to this Agreement, at the sole discretion of the terminating Party, in the event that the other Party fails to perform a material obligation or breaches a material term of this Agreement and the other Party fails to cure such nonperformance or breach within forty-five (45) calendar days after written notice thereof. Any termination of this Agreement pursuant to this Section 4.8 shall take effect immediately upon delivery of written notice to the other Party that it failed to cure such nonperformance or breach within forty-five (45) calendar days after written notice thereof.

4.9 If pursuant to Section 4.2 this Agreement continues in full force and effect on a month-to-month basis after the expiration of the Term, either Party may terminate this Agreement by delivering written notice to the other Party of its intention to terminate this Agreement, subject to Sections 4.3, and 4.4. Neither Party shall have any liability to the other Party for termination of this Agreement pursuant to this Section 4.9 other than its obligations under Sections 4.3 and 4.4.

4.10 Upon termination or expiration of this Agreement:

4.10.1 Each Party shall continue to comply with its obligations set forth in Section 50.0 Survival of Obligations; and

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

4.11 In the event of expiration or termination of this Agreement other than pursuant herein, SBC KANSAS and XSPEDIUS shall cooperate in good faith to effect an orderly and timely transition of service provided under this Agreement to XSPEDIUS or to another vendor but in any event not later than the 91st day after the expiration or termination of this Agreement. So long as XSPEDIUS fulfills said obligation to effect an orderly and timely transition of service, and continues to pay SBC KANSAS for the charges incurred during the transition of service, SBC KANSAS shall not terminate service to XSPEDIUS' end users and such service shall be provided pursuant to the terms of the interconnection agreement during this transition period. In the event XSPEDIUS withdraws from providing local service, it shall not prevent (from an operational or administrative standpoint) its end users from being transitioned to a new LEC. SBC KANSAS and XSPEDIUS shall continue their responsibilities under the terms and conditions of the terminated or expired Agreement for any order submitted to SBC KANSAS in connection with this transition of service.

4.12 Should XSPEDIUS opt to incorporate any provision for interconnection, service, or Unbundled Network Element from another Commission-approved interconnection agreement into this Agreement pursuant to Section 252(i) of the Act and 47 C.F.R. § 51.809, such incorporated provision shall expire on the date it would have expired under the interconnection agreement from which it was taken. Should XSPEDIUS opt to incorporate any provision for interconnection, service or Unbundled Network Element from this Agreement into another Commission-approved interconnection agreement pursuant to Section 252(i) of the Act, the provision from this Agreement shall expire on the date specified in Section 4.1 above and shall not control the expiration date of any other provision of the other interconnection agreement. All monetary obligations of the Parties to one another under the immediately previous interconnection agreement between the Parties shall remain in full force and effect and shall constitute monetary obligations of the Parties under this Agreement.

5.0 ASSIGNMENT

5.1.1 Assignment of Contract

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

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

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

5.12.1 Any assignment or transfer of an Agreement wherein only the CLEC name is changing, and which does not include a change to a CLEC OCN/ACNA, constitutes a CLEC Name Change. For a CLEC Name Change, CLEC will incur a record order charge for each CLEC CABS BAN. For resale or any other products not billed in CABS, to the extent a record order is available, a record order charge will apply per end user record. Rates for record orders are contained in the Appendix Pricing, Schedule of Prices. CLEC shall also submit a new Operator Service Questionnaire (OSQ) to update any OS/DA Rate Reference information and Branding pursuant to the rates terms and conditions of Appendices Resale and UNE, as applicable, at the rates specified in the Appendix Pricing, Schedule of Prices to this Agreement.

5.1.3 Company Code Change

5.1.3.1 Any assignment or transfer of an interconnection agreement associated with the transfer or acquisition of "assets" provisioned under that interconnection agreement, where the OCN/ACNA formerly assigned to such "assets" is changing constitutes a CLEC Company Code Change. For the purposes of Section 5.1.3.1, "assets" means any Interconnection, Resale Service, Unbundled Network Element, function, facility, product or service provided under that interconnection agreement. CLEC shall provide SBC KANSAS with ninety (90) calendar days advance written notice of any assignment associated with a CLEC Company Code Change and obtain SBC KANSAS' consent. SBC KANSAS shall not unreasonably withhold consent to a CLEC Company Code Change; provided, however, SBC KANSAS' consent to any CLEC Company Code Change is contingent upon cure of any outstanding charges owed under this Agreement and any outstanding charges associated with the "assets" subject to the CLEC Company Code Change. In addition, CLEC acknowledges that CLEC may be required to tender additional assurance of payment if requested under the terms of this Agreement.

5.1.3.2 For any CLEC Company Code Change, CLEC must submit a service order changing the OCN/ACNA for each end user record and/or a service order for each circuit ID number, as applicable. CLEC shall pay the appropriate charges for each service order submitted to accomplish a CLEC Company Code Change; such charges are contained in the Appendix Pricing, Schedule of Prices. In addition, CLEC shall submit a new OSQ to update any OS/DA Rate Reference information and Branding pursuant to the rates terms and conditions of Appendices Resale and UNE, as applicable, at the rates specified in the Appendix Pricing, Schedule of Prices to this Agreement. In addition, CLEC shall pay any and all charges required for re-stenciling, re-engineering, changing locks, new signage and any other work necessary with respect to Collocation, as determined on an individual case basis.

5.1.4 Assignment of any Interconnection, Resale Service, Unbundled Network Element, function, facility, product or service.

5.1.4.1 Any assignment or transfer of any Interconnection, Resale Service, Unbundled Network Element, function, facility, product or service provisioned pursuant to this Agreement without the transfer or the assignment of this Agreement shall be deemed a CLEC to CLEC Mass Migration. The CLEC that is a Party to this Agreement shall provide SBC KANSAS with ninety (90) calendar days advance written notice of any CLEC to CLEC Mass Migration. CLEC's written notice shall include the anticipated effective date of the assignment or transfer. The acquiring CLEC must cure any outstanding charges associated with any Interconnection, Resale Service, Unbundled Network Element, function, facility, product or service to be transferred. In addition, the acquiring CLEC may be required to tender additional assurance of payment if requested under the terms of the acquiring CLEC's agreement.

5.1.4.2 Both CLECs involved in any CLEC to CLEC Mass Migration shall comply with all Applicable Law relating thereto, including but not limited to all FCC and state Commission rules relating to notice(s) to end users. The acquiring CLEC shall be responsible for issuing all service orders required to migrate any

Interconnection, Resale Service, Unbundled Network Element, function, facility, product or service provided hereunder. The appropriate service order charge or administration fee (for interconnection) will apply as specified in the Appendix Pricing, Schedule of Prices to the acquiring CLEC's interconnection agreement. The acquiring CLEC shall also submit a new OSQ to update any OS/DA Rate Reference information and Branding pursuant to the rates terms and conditions of Appendices Resale and UNE, as applicable, at the rates specified in the Appendix Pricing, Schedule of Prices to the acquiring CLEC's agreement. In addition, the acquiring CLEC shall pay any and all charges required for re-stenciling, re-engineering, changing locks, new signage and any other work necessary with respect to Collocation, as determined on an individual case basis.

5.1.5 Project Coordination

5.1.5.1 SBC KANSAS will provide project management support to effectuate changes of the types identified in Section 5.1.5.2.

5.1.5.2 SBC KANSAS will provide project management support to minimize any possible service outages during any CLEC to CLEC Mass Migration. Should SBC KANSAS' most current version of LSOR or ASOR guidelines not support the required order activity, SBC KANSAS will issue service orders at the manual rate, as specified in the Appendix Pricing, Schedule of Prices to this Agreement, based upon type of service provided, and on the condition that CLEC provides to SBC KANSAS any and all information SBC KANSAS reasonably requests to effectuate such changes.

6.0 CONFIDENTIALITY AND PROPRIETARY INFORMATION

6.1 For the purposes of this Agreement, "Confidential Information" means confidential or proprietary technical or business information given by the Discloser to the Recipient. All such information which is disclosed by one party to the other in connection with this Agreement, during negotiations and the term of this Agreement, will automatically be deemed proprietary to the Discloser and subject to this Agreement, unless otherwise confirmed in writing by the Discloser. In addition, by way of example and not limitation, all orders for Resale Services, Network Elements or Combinations placed by XSPEDIUS pursuant to this Agreement, and information that would constitute Customer Proprietary Network Information of XSPEDIUS' customers pursuant to the Act and the rules and regulations of the Federal Communications Commission (FCC), *and* call records and Recorded Usage Data as described in Attachment 24, whether disclosed by XSPEDIUS to SBC KANSAS or otherwise acquired by SBC KANSAS in the course of the performance of this Agreement, will be deemed Confidential Information of XSPEDIUS for all purposes under this Agreement. Unless otherwise agreed, if a Party is required to submit information about one or more XSPEDIUS to a regulatory or judicial body, the obligations of confidentiality and non-use set forth in this Agreement do not apply to such Confidential Information that is so commingled with the Receiving Party or a third party's information such that disclosure could not possibly reveal the underlying proprietary or confidential information.

6.2 For a period of five (5) years from the receipt of Confidential Information from the Discloser, except as otherwise specified in this Agreement, the Recipient agrees (a) to use it only for the purpose of performing under this Agreement, (b) to hold it in confidence and disclose it to no one other than its employees having a need to know for the purpose of performing under this Agreement, and (c) to safeguard it from unauthorized use or disclosure using at least the same degree of care with which the Recipient safeguards its own Confidential Information. If the Recipient wishes to disclose the Discloser's Confidential Information to a third-party agent or consultant, such disclosure must be agreed to in writing by the Discloser, and the agent or consultant must have executed a written agreement of nondisclosure and nonuse comparable in scope to the terms of this Section.

6.3 The Recipient may make copies of Confidential Information only as reasonably necessary to perform its obligations under this Agreement. All such copies will be subject to the same restrictions and protections as the original and will bear the same copyright and proprietary rights notices as are contained on the original.

6.4 The Recipient agrees to return all Confidential Information in tangible form received from the Discloser, including any copies made by the Recipient within thirty (30) days after a written request is delivered to the Recipient, or to destroy all such Confidential Information if directed to do so by Discloser except for Confidential Information that the Recipient reasonably requires to perform its obligations under this Agreement. If either Party loses or makes an unauthorized disclosure of the other Party's Confidential Information, it will notify such other party immediately and use reasonable efforts to retrieve the lost or wrongfully disclosed information.

6.5 The Recipient will have no obligation to safeguard Confidential Information: (a) which was in the possession of the Recipient free of restriction prior to its receipt from the Discloser, (b) after it becomes publicly known or available through no breach of this Agreement by the Recipient; (c) after it is rightfully acquired by the Recipient free of restrictions on its disclosure; or (d) after it is independently developed by personnel of the Recipient to whom the Discloser's Confidential Information had not been previously disclosed. In addition, either Party will have the right to disclose Confidential Information to any mediator, arbitrator, state, or federal regulatory body, or a court in the conduct of any mediation, arbitration or approval of this Agreement, so long as, in the absence of an applicable protective order, the Discloser has been promptly notified by the Recipient and so long as the Recipient undertakes all lawful measures to avoid disclosing such information until Discloser has had reasonable time to negotiate a protective order with any such mediator, arbitrator, state or regulatory body or a court, and complies with any protective order that covers the Confidential Information.

6.6 The Parties acknowledge that an individual customer may simultaneously seek to become or be a customer of both Parties. Nothing in this Agreement is intended to limit the ability of either Party to use customer specific information lawfully obtained from customers or sources other than the Disclosing Party.

6.7 Each Party's obligations to safeguard Confidential Information disclosed prior to expiration or termination of this Agreement will survive such expiration or termination.

6.8 Except as otherwise expressly provided elsewhere in this Agreement, no license is hereby granted under any patent, trademark, or copyright, nor is any such license implied solely by virtue of the disclosure of any Confidential Information.

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

7.0 LIABILITY AND INDEMNIFICATION

7.1 Limitation of Liabilities

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

7.2 No Consequential Damages

7.2.1 EXCEPT AS OTHERWISE PROVIDED IN ATTACHMENT 17, NEITHER XSPEDIUS NOR SBC KANSAS WILL BE LIABLE TO THE OTHER PARTY FOR ANY INDIRECT, INCIDENTAL CONSEQUENTIAL, RELIANCE, OR SPECIAL DAMAGES SUFFERED BY SUCH OTHER PARTY (INCLUDING WITHOUT LIMITATION DAMAGES FOR HARM TO BUSINESS, LOST REVENUES, LOST SAVINGS, OR LOST PROFITS SUFFERED BY SUCH OTHER PARTY), REGARDLESS OF THE FORM OF ACTION, WHETHER IN CONTRACT, WARRANTY, STRICT LIABILITY, OR TORT, INCLUDING WITHOUT LIMITATION, NEGLIGENCE OF ANY KIND WHETHER ACTIVE OR PASSIVE, AND REGARDLESS OF WHETHER THE PARTIES KNEW OF THE POSSIBILITY THAT SUCH DAMAGES COULD RESULT. EACH PARTY HEREBY RELEASES THE OTHER PARTY (AND SUCH OTHER PARTY'S SUBSIDIARIES AND AFFILIATES, AND THEIR RESPECTIVE OFFICERS, DIRECTORS, EMPLOYEES, AND AGENTS) FROM ANY SUCH CLAIM. NOTHING CONTAINED IN THIS SECTION WILL LIMIT THE LIABILITY OF EITHER SBC KANSAS OR XSPEDIUS TO THE OTHER FOR (i) WILLFUL OR INTENTIONAL MISCONDUCT (INCLUDING GROSS NEGLIGENCE); (ii) BODILY INJURY, DEATH, OR DAMAGE TO TANGIBLE REAL OR TANGIBLE PERSONAL PROPERTY PROXIMATELY CAUSED BY THE NEGLIGENT ACT OR OMISSION OF EITHER PARTY HERETO OR THE NEGLIGENT ACT OR OMISSION OF THEIR RESPECTIVE AGENTS, SUBCONTRACTORS OR EMPLOYEES, NOR WILL ANYTHING CONTAINED IN THIS SECTION LIMIT THE PARTIES' INDEMNIFICATION OBLIGATIONS, AS SPECIFIED BELOW.

7.3 Obligation to Indemnify

7.3.1 Intentionally Left Blank

7.3.2 Intentionally Left Blank

7.3.3 Each Party will and hereby agrees to defend at the other's request, indemnify, and hold harmless the other Party and each of its officers, directors, employees, and agents (each, an Indemnitee) against and in respect of any loss, debt, liability, damage, obligation, claim, demand, judgment, or settlement of any nature or kind, known or unknown, liquidated or unliquidated, including without limitation all reasonable costs and expenses incurred (legal, account or otherwise) (collectively, Damages) arising out of, resulting from, or based upon any pending or threatened claim, action, proceeding or suit by any third party (a Claim) (i) alleging any omissions, breach of any representation, warranty, or covenant made by such indemnifying Party (the Indemnifying Party) in this Agreement, (ii) based upon injuries or damages to any person or property or the environment arising out of or in connection with this Agreement that are the result of the Indemnifying Party's actions, breach of Applicable Law, or the actions, omissions or status of its employees, agents, and subcontractors and with regard to Operation Support Systems (OSS), in addition to the foregoing, any actions or claims relating to a) any unauthorized entry or access into, or use or manipulation of SBC KANSAS' OSS from XSPEDIUS systems, workstations or terminals or by XSPEDIUS employees,

agents, or any third party gaining access through information and/or facilities obtained from or utilized by XSPEDIUS; b) failure to perform accurate and correct ordering including Resale and Section 251(c)(3) UNE services, rates, and charges, subject to the terms of this Agreement c) any claim made by an end user Customer of XSPEDIUS or other third parties against SBC KANSAS caused by or related to XSPEDIUS' inaccurate use of any SBC KANSAS OSS. Indemnification for OSS shall also include any necessary and reasonable labor expenses incurred by SBC related to such inaccurate or improper use of OSS.

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

7.3.4 XSPEDIUS acknowledges that its right under this Agreement to interconnect with SBC KANSAS' network and to unbundle and/or combine SBC KANSAS' Unbundled Network Elements (including combining with XSPEDIUS' network elements) may be subject to or limited by Intellectual Property rights (including without limitation, patent, copyright, trade secret, trade mark, service mark, trade name and trade dress rights) and contract rights of third parties.

7.3.5 Intentionally Left Blank

7.3.6 Intentionally Left Blank

7.3.7 Intentionally Left Blank

7.3.8 XSPEDIUS acknowledges that services and facilities to be provided by SBC KANSAS hereunder may use or incorporate products, services or information proprietary to third party vendors and may be subject to third party intellectual property rights. In the event that proprietary rights restrictions in agreements with such third party vendors do not permit SBC KANSAS to provide to XSPEDIUS, without additional actions or costs, particular unbundled Network Element(s) otherwise required to be made available to XSPEDIUS under this Agreement, then, as may be required by applicable state or federal law:

7.3.8.1 SBC KANSAS agrees to provide written notification to XSPEDIUS, directly or through a third party, of such restrictions that extend beyond restrictions otherwise imposed under this Agreement or applicable Tariff restrictions; and

7.3.8.2 For any new agreements that SBC KANSAS enters into or existing agreements that it renews, SBC KANSAS shall use its best efforts to procure rights or licenses to allow SBC KANSAS to provide to XSPEDIUS the particular unbundled Network Element(s), on terms comparable to terms provided to SBC KANSAS, directly or on behalf of XSPEDIUS ("Additional Rights/Licenses").

7.3.8.3 For any new agreements that SBC KANSAS enters into or existing agreements that it renews, in the event that SBC KANSAS, after using its best efforts, is unable to procure Additional Rights/Licenses for XSPEDIUS, SBC KANSAS will promptly provide written notification XSPEDIUS of the specific facilities or equipment (including software) that it is unable to provide pursuant to the license, as well as any and all related facilities or equipment; the extent to which it asserts XSPEDIUS' use has exceeded (or will exceed) the scope of the license; and the specific circumstances that prevented it from obtaining the revised provisions.

7.3.8.4 In the event XSPEDIUS provides in writing within thirty (30) calendar days of written notice in Section 7.3.8.3 above that SBC KANSAS has not exercised such best efforts, XSPEDIUS may seek a determination through an expedited petition to the Kansas Corporation Commission as to whether SBC KANSAS has exercised such best efforts.

7.3.8.5 If and to the extent SBC KANSAS is unable to make all warranties required pursuant to this agreement without additional costs, including payment of additional fees, in renegotiating with its vendors or licensors, SBC KANSAS may seek recovery of such costs as are reasonable. Such additional costs shall be shared among all requesting carriers, including SBC KANSAS, provided, however, all costs associated with the extension of Intellectual Property rights to XSPEDIUS pursuant to Section 7.3.5.1, including the cost of the license extension itself and the costs associated with the effort to obtain the license, shall be a part of the cost of providing the unbundled network element to which the Intellectual Property rights relate and apportioned to all requesting carriers using that unbundled network element including SBC KANSAS.

7.3.9 Both Parties agree to promptly inform the other of any pending or threatened Intellectual Property Claims of third parties that may arise in the performance of this Agreement.

7.3.10 Any Intellectual Property originating from or developed by a Party shall remain in the exclusive ownership of that Party. Notwithstanding the exclusive ownership of Intellectual Property originated by a Party, the Party that owns such Intellectual Property will not assess a separate fee or charge to the other Party for the use of such Intellectual Property to the extent used in the provision of a product or service, available to either party under this Agreement, that utilizes such Intellectual Property to function properly.

7.4 Obligation to Defend; Notice; Cooperation

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

8.0 COMPLIANCE AND CERTIFICATION

8.1 Each Party shall comply at its own expense with all Applicable Laws that relate to that Party's obligations to the other Party under this Agreement. Nothing in this Agreement shall be construed as requiring or permitting either Party to contravene any mandatory requirement of Applicable Law.

8.2 Each Party warrants that it has obtained all necessary state certification required in Kansas prior to ordering any Interconnection, Resale Services, Unbundled Network Elements, functions, facilities, products and services from the other Party pursuant to this Agreement. Upon request, each Party shall provide proof of certification.

8.3 Each Party shall be responsible for obtaining and keeping in effect all approvals from, and rights granted by, Governmental Authorities, building and property owners, other carriers, and any other Third Parties that may be required in connection with the performance of its obligations under this Agreement.

8.4 Each Party represents and warrants that any equipment, facilities or services provided to the other Party under this Agreement comply with the CALEA.

9.0 PAYMENT OF RATES AND CHARGES

9.1 Except as otherwise specifically provided elsewhere in this Agreement, the Parties will pay all undisputed rates and charges due and owing under this Agreement within forty-five (45) days from the date of the invoice. For purposes of this Agreement, the "Bill Due Date" shall be defined to mean forty-five (45) calendar days from the date of the invoice. Except as otherwise specifically provided in this Agreement interest on overdue invoices will apply at the six (6) month Commercial Paper Rate applicable on the first business day of each calendar year.

10.0 LIMITATION ON BACK-BILLING AND CREDIT CLAIMS

10.1 Any "back-billed" charges or "back-credits" will be placed as an Other Charges and Credits (OCC) on the bill or will be listed on the Detail of Adjustment page. The Billing Party will, upon request of the Billed Party, separately provide the billed Party with documentation in the way of detailed work papers to substantiate the entry.

10.2 Intentionally Left Blank

10.3 Intentionally Left Blank

10.4 Notwithstanding anything to the contrary in this Agreement, a Party shall be entitled to back-bill for or claim credit for any charges for services provided pursuant to this Agreement that are found to be unbilled, under-billed or over-billed, but only when such charges appeared or should have appeared on a bill dated within the twelve (12) months immediately preceding the date on which the Billing Party provided written notice to the Billed Party of the amount of the back-billing or the Billed Party provided written notice to the Billing Party of the claimed credit amount. The Parties agree that the twelve (12) month limitation on back-billing and credit claims set forth in the preceding sentence shall be applied prospectively only after the Effective Date of this Agreement, meaning that the twelve month period for any back-billing or credit claims may only include billing periods that fall entirely after the Effective Date of this Agreement and will not include any portion of any billing period that began prior to the Effective Date of this Agreement.

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

11.0 DAILY USAGE FILE

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

12.0 ALTERNATELY BILLED TRAFFIC (ABT)

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

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

12.3 Additional terms and conditions may be found in Attachment 20, Clearinghouse.

13.0 DISPUTE RESOLUTION

13.1 General Finality of Disputes

13.1.1 Except as otherwise specifically provided in this Agreement, no claims will be brought for disputes arising from this Agreement more than 24 months from the date the occurrence which gives rise to the dispute is discovered or reasonably should have been discovered with the exercise of due care and attention.

13.2 Alternative to Litigation

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

13.3 Informal Resolution of Disputes

13.3.1 At the written request of a Party, 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. Notwithstanding the foregoing, the informal dispute process must conclude within sixty (60) days from the

receipt of written notice of dispute unless otherwise agreed to in writing by the Parties. Upon agreement, the representatives may utilize other alternative informal dispute resolution procedures such as mediation to assist in the negotiations. Settlement offers by both Parties are exempt from discovery and production and will not be admissible in the arbitration described below or in any lawsuit without the concurrence of both Parties. All other documents related to the dispute, that are not prepared for purposes of the settlement offer, are not so exempted and, if otherwise admissible, may be admitted in evidence in the arbitration or lawsuit.

13.4 Billing Disputes

13.4.1 The Parties agree that with respect to matters that are the subject of a billing dispute, the party disputing such billing may withhold payment of the disputed amount. If a billed amount is paid and subsequently disputed and ultimately determined to have been billed in error, interest shall be paid from the time payment was received through time it was refunded. The Parties further agree that if any billing dispute is resolved in favor of the billing Party the billing Party will receive, in addition to the amount disputed, interest applied to the disputed amount as set forth in Section 9.1. Late payment charges shall not be assessed to disputed amounts.

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

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

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

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

13.5 Formal Resolution of Disputes

13.5.1 Except as otherwise specifically set forth in this Agreement, for all disputes arising out of or pertaining to this Agreement, including but not limited to matters not specifically addressed elsewhere in this Agreement that require clarification, renegotiation, modification or addition to this Agreement, either Party may invoke dispute resolution procedures available pursuant to the complaint process of K.A.R. 82-1-220. As an

alternative to the dispute resolution procedures referenced in the preceding sentence, and in lieu thereof, upon mutual agreement, the Parties may seek commercial binding arbitration as specified in Section 13.6.1.

13.5.2 The Parties agree that the Dispute Resolution procedures set forth in this Agreement are not intended to conflict with applicable requirements of the Act or the complaint process pursuant to K.A.R. 82-1-220 with regard to procedures for the resolution of disputes arising out of this Agreement.

13.6 Arbitration

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

14.0 NON-PAYMENT AND PROCEDURES FOR DISCONNECTION

14.1 Failure of XSPEDIUS to pay any undisputed charges may be grounds for termination of this Agreement. If XSPEDIUS fails to pay such charges when due SBC KANSAS will notify XSPEDIUS in writing that in order to avoid having service disconnected, XSPEDIUS must remit all unpaid undisputed charges to SBC KANSAS within fifteen (15) calendar days after receipt of said notice. Disputes hereunder will be resolved in accordance with the Dispute Resolution Procedures set out in Section 13.0 of this Agreement.

14.1.1 SBC KANSAS will also provide any written notification to the Kansas Corporation Commission as required by applicable law.

14.2 If the Non-Paying Party desires to dispute any portion of the Unpaid Charges, the Non-Paying Party must complete all of the following actions not later than ten (10) Business Days following receipt of the Billing Party's notice of Unpaid Charges:

14.2.1 notify the Billing Party in writing which portion(s) of the Unpaid Charges it disputes, including the total amount disputed ("Disputed Amounts") and the specific details listed in Section 13.4.4 of this Agreement, together with the reasons for its dispute; and

14.2.2 pay all undisputed Unpaid Charges to the Billing Party; and

14.2.3 Intentionally Left Blank

14.2.4 Intentionally Left Blank

14.3 Issues related to Disputed Amounts shall be resolved in accordance with the procedures identified in the Dispute Resolution provision set forth in Section 13.0.

14.4 After expiration of the written notice furnished pursuant to Section 14.1 hereof, if XSPEDIUS continues to fail to comply with Section 14.2.1 through 14.2.4, inclusive, or make payment(s) in accordance with the terms of any mutually agreed payment arrangement, SBC KANSAS may, in addition to exercising any other rights or remedies it may have under Applicable Law, furnish a second written demand to XSPEDIUS for payment within fifteen (15) Calendar Days of any of the obligations enumerated in Section 14.2.1. On the day that SBC KANSAS provides such written demand to XSPEDIUS, SBC KANSAS may also exercise any or all of the following options:

14.4.1 suspend acceptance of any application, request or order from the Non-Paying Party for new or additional Interconnection, Resale Services, Unbundled Network Elements, Collocation, functions, facilities, products or services under this Agreement; and/or

14.4.2 suspend completion of any pending application, request or order from the Non-Paying Party for new or additional Interconnection, Resale Services, Unbundled Network Elements, Collocation, functions, facilities, products or services under this Agreement.

14.5 Notwithstanding anything to the contrary in this Agreement, SBC KANSAS' exercise of any of its options under Sections 14.4, 14.4.1 and 14.4.2:

14.5.1 will not delay or relieve XSPEDIUS' obligation to pay all charges on each and every invoice on or before the applicable Bill Due Date, and

14.5.2 will exclude any affected application, request, order or service from any otherwise applicable performance interval, Performance Benchmark or Performance Measure.

14.6 A copy of the demand provided to XSPEDIUS under Section 14.4 will be provided to the Commission.

14.7 All notices, affidavits, exemption certificates or other communications required or permitted to be given by either Party to the other under this Section 14.7, will be made in writing and will be delivered by certified mail, and sent to the addresses stated in Section 15.0 and to the following:

To SBC KANSAS:

SBC KANSAS CONTACT – Billing
Manager of Collections and Credit
722 N. Broadway, 11th Floor
Milwaukee, WI 53202

To XSPEDIUS:

Director Telco Cost
Xspedius Communications, LLC
5555 Winghaven Blvd., Suite 300
O'Fallon, Missouri 63368

With a copy to:

James C. Falvey
Sr. VP Regulatory Affairs
Xspedius Communications, LLC
14405 Laurel Place, Suite 200
Laurel, MD 20707-6102
Phone: (301) 361-4298
Fax: (301) 361-7654

Email: Jim.Falvey@Xspedius.com

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

14.8 If the Non-Paying Party fails to pay the Billing Party on or before the date specified in the demand letter provided under Section 14.4 of this Agreement, the Billing Party may, provided that the undisputed amount of the Unpaid Charges exceeds five percent (5%) of the aggregate amount billed by SBC KANSAS to XSPEDIUS for the immediately preceding month under this Agreement, in addition to exercising any other rights or remedies it may have under Applicable Law:

14.8.1 cancel any pending application, request or order for new or additional Interconnection, Resale Services, Unbundled Network Elements, Collocation, functions, facilities, products or services under this Agreement; and

14.8.2 disconnect any Resale Services, Unbundled Network Elements and/or Collocation furnished under this Agreement.

14.8.2.1 Notwithstanding any inconsistent provisions in this Agreement, disconnection of service by SBC KANSAS will comply with Kansas Corporation Commission rules.

14.9 Within five (5) calendar days following any such disconnection, SBC KANSAS will notify each Resale end user that because of XSPEDIUS' failure to pay SBC KANSAS, the end user's local service will continue for an additional thirty (30) calendar days and that the end user has thirty (30) calendar days from the disconnection date to select a new Local Service Provider.

14.10 If any Resale end user fails to select a new Local Service Provider within thirty (30) calendar days of the disconnection, SBC KANSAS may terminate the Resale end user's service.

14.11. SBC KANSAS will notify the Commission of the names of all Resale end users whose local service was terminated pursuant to Section 14.10.

14.12 XSPEDIUS shall be responsible for all charges for any service furnished by SBC KANSAS to any end user pursuant to Section 14.9 hereof.

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

15.0 NOTICES

15.1 In the event any notices are required to be sent under the terms of this Agreement, they must be made in writing (unless specifically provided otherwise herein) they may be sent by mail, via certified mail or first class U.S. Postal Service, with postage prepaid, and a return receipt requested and are deemed to have been received five (5) calendar days after mailing in the case of first class or certified U.S. Postal Service. Notice may also be given by personal delivery, or by overnight courier, and will be deemed given upon receipt of personal delivery; or by overnight courier and will be deemed given the next Business Day.

Notice may also be provided by facsimile, provided a paper copy is also sent by another method described in this Section, which will be deemed given on the date set forth on the confirmation produced by the sending facsimile machine when delivered by facsimile prior to 5:00 p.m. in the recipient's time zone, but the next Business Day when delivered by facsimile at 5:00 p.m. or later in the recipient's time zone. The Parties will provide the appropriate telephone and facsimile numbers to each other. Unless otherwise specifically provided in this Agreement, notice will be directed as follows:

15.2 If to XSPEDIUS:

James C. Falvey
Sr. VP Regulatory Affairs
Xspedius Communications, LLC
14405 Laurel Place, Suite 200
Laurel, MD 20707-6102
Phone: (301) 361-4298
Fax: (301) 361-7654
Email: Jim.Falvey@Xspedius.com

With a copy to:

Legal & Regulatory Dept.
Xspedius Communications, LLC
5555 Winghaven Blvd., Suite 300
O'Fallon, MO 63368
Phone: (636) 625-7000
Fax: (636) 625-7191

15.3 If to SBC KANSAS:

Contract Management
ATTN: Notices Manager
Four SBC Plaza, 9th Floor
311 S. Akard St.
Dallas, TX 75202-5398

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

15.4 SBC KANSAS communicates official information to XSPEDIUS via its Accessible Letter notification process. This process covers a variety of subjects, including updates on products/services promotions; deployment of new products/services; modifications and price changes to existing products/services; cancellation or retirement of existing products/services; and operational issues.

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

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

15.7 XSPEDIUS shall submit a completed Accessible Letter Recipient Change Request Form to the individual specified on that form to designate in writing each individual's e-mail address to whom XSPEDIUS requests Accessible Letter notification be sent. XSPEDIUS shall submit a completed Accessible Letter Recipient Change Request Form to add, remove or change recipient information for any XSPEDIUS recipient of SBC KANSAS' Accessible Letters. Any completed Accessible Letter Recipient Change Request Form shall be deemed effective ten (10) calendar days following receipt by SBC KANSAS. SBC KANSAS may, at its

discretion, change the process by which the XSPEDIUS provides Accessible Letter recipient information. Changes to this process will be developed through the CLEC User Forum process and will be implemented only with the concurrence of the CLEC User Forum Global Issues group.

15.8 SBC KANSAS shall provide a toll free facsimile number to XSPEDIUS for the submission of requests for Resale Services and Unbundled Network Elements under this Agreement; XSPEDIUS shall provide SBC KANSAS with a toll free facsimile number for notices from SBC KANSAS relating to requests for Resale Services and Unbundled Network Elements under this Agreement.

16.0 TAXES

16.1 Each Party purchasing Interconnection, Resale Services, Network Elements, functions, facilities, products and services under this Agreement shall pay or otherwise be responsible for all federal, state, or local sales, use, excise, gross receipts, municipal fees, transfer, transaction or similar taxes, fees, or surcharges (hereinafter "Tax") imposed on, or with respect to, the Interconnection, Resale Services, Network Elements, functions, facilities, products and services under this Agreement provided by or to such Party, except for (a) any Tax on either party's corporate existence, status, or income or (b) any corporate franchise Taxes. Whenever possible, these Taxes shall be billed as a separate item on the invoice.

16.2 With respect to any purchase of Interconnection, Resale Services, Network Elements, functions, facilities, products and services under this Agreement if any Tax is required or permitted by applicable law to be collected from the purchasing Party by the providing Party, then: (i) the providing Party shall bill the purchasing Party for such Tax; (ii) the purchasing Party shall remit such Tax to the providing Party; and (iii) the providing Party shall remit such collected Tax to the applicable taxing authority. The following provisions govern the backbilling of Taxes by the providing Party:

16.2.1 Taxes for which the purchasing Party is liable: with respect to Taxes for which the purchasing Party is liable, the providing Party shall use reasonable best efforts to bill the purchasing Party for such Tax simultaneously with the bill for service to which the Tax relates; however, the purchasing Party shall remain responsible for such Tax for the applicable statute of limitations period.

16.2.2 Taxes for which the providing Party is liable: With respect to Taxes for which the providing Party is liable, the providing Party may backbill the purchasing Party for any surcharges based on such Taxes and permitted by Applicable Law, subject to the same time limits that apply to the services to which the Taxes relate.

16.2.3 Notwithstanding Section 16.2.2 above, if as a result of a notice of proposed adjustment by a taxing authority, the taxing authority imposes a Tax on the providing party, the providing party may back bill the Tax to the purchasing party for a period, not to exceed four years from the date of the notice of proposed adjustment. In order for the providing party to be permitted to backbill a tax under this Section, the purchasing party must be notified of the audit determination from which the surcharge results, within 30 days of the notice of proposed adjustment but in no event less than ten days before the last day, under applicable law, for the purchasing party to exercise any rights it might have to contest the notice of proposed adjustment.

16.3 With respect to any purchase hereunder of Interconnection, Resale Services, Network Elements, functions, facilities, products and services under this Agreement that are resold to a third party, if any Tax is imposed by applicable law on the end user in connection with any such purchase, then: (i) the purchasing Party shall be required to impose and/or collect such Tax from the end user; and (ii) the purchasing Party shall remit such Tax to the applicable taxing authority. The purchasing Party agrees to indemnify and hold harmless the providing Party for any costs incurred by the providing Party as a result of actions taken by the

applicable taxing authority to collect the Tax from the providing Party due to the failure of the purchasing Party to pay or collect and remit such tax to such authority.

16.4 If the providing Party fails to bill or to collect any Tax as required herein, then, as between the providing Party and the purchasing Party: (i) the purchasing Party shall remain liable for such uncollected Tax to the extent provided in Section 16.2 above and all Subsections thereunder; and (ii) the providing Party shall be liable for any penalty and interest assessed with respect to such uncollected Tax by such authority. However, if the purchasing Party fails to pay any Taxes properly billed, then, as between the providing Party and the purchasing Party, the purchasing Party will be solely responsible for payment of the Taxes, penalty and interest.

16.5 If the purchasing Party fails to impose and/or collect any Tax from end users as required herein, then, as between the providing Party and the purchasing Party, the purchasing Party shall remain liable for such uncollected Tax and any interest and penalty assessed thereon with respect to the uncollected Tax by the applicable taxing authority. With respect to any Tax that the purchasing Party has agreed to pay or impose on and/or collect from end users, the purchasing Party agrees to indemnify and hold harmless the providing Party for any costs incurred by the providing Party as a result of actions taken by the applicable taxing authority to collect the Tax from the providing Party due to the failure of the purchasing Party to pay or collect and remit such Tax to such authority.

16.6 If either Party is audited by a taxing authority or other governmental entity, the other Party agrees to reasonably cooperate with the Party being audited in order to respond to any audit inquiries in a proper and timely manner so that the audit and/or any resulting controversy may be resolved expeditiously.

16.7 To the extent a sale is claimed to be for resale tax exemption, the purchasing Party shall furnish the providing Party a proper resale tax exemption certificate as authorized or required by statute or regulation of the jurisdiction providing said resale tax exemption. Failure to timely provide said resale tax exemption certificate will result in no exemption being available to the purchasing Party for any period prior to the date that the purchasing Party presents a valid certificate. If applicable law excludes or exempts a purchase of Interconnection, Resale Services, Network Elements, functions, facilities, products and services under this Agreement from a Tax, but does not also provide an exemption procedure, then the providing Party will not collect such Tax if the purchasing Party (a) furnishes the providing Party with a letter signed by an officer of the purchasing Party claiming an exemption and identifying the applicable law that both allows such exemption and does not require an exemption certificate; and (b) supplies the providing Party with an indemnification agreement, reasonably acceptable to the providing Party, which holds the providing Party harmless from any tax, interest, penalties, loss, cost or expense with respect to forbearing to collect such Tax.

16.8 With respect to any Tax or Tax controversy covered by this Section 16.0, the purchasing Party is entitled to contest with the imposing jurisdiction, pursuant to applicable law and at its own expense, any a Tax that it previously billed, or was billed that it is ultimately obligated to pay or collect. The purchasing Party will ensure that no lien is attached to any asset of the providing Party as a result of any contest. The purchasing Party shall be entitled to the benefit of any refund or recovery of amounts that it had previously paid resulting from such a contest. Amounts previously paid by the providing Party shall be refunded to the providing Party. The providing Party will cooperate in any such contest.

16.9 All notices, affidavits, exemption certificates or other communications required or permitted to be given by either Party to the other under this Section 16 shall be sent in accordance with Section 15.0 hereof.

17.0 FORCE MAJEURE

Except as otherwise specifically provided in this Agreement, neither Party will be liable for any delay or failure in performance of any part of this Agreement caused by a Force Majeure condition, including acts of the United States of America or any state, territory, or political subdivision thereof, acts of God or a public enemy, fires, floods, labor disputes such as strikes and lockouts, freight embargoes, earthquakes, volcanic actions, wars, civil disturbances, cable cuts, or other causes beyond the reasonable control of the Party claiming excusable delay or other failure to perform. Provided, Force Majeure will not include acts of any Governmental Authority relating to environmental, health, or safety conditions at work locations. If any Force Majeure condition occurs the Party whose performance fails or is delayed because of such Force Majeure conditions will give prompt notice to the other Party, whereupon such Party's obligation or performance shall be suspended to the extent that the Party is affected by such Force Majeure Event. The other Party shall likewise be excused from performance of its obligations to the extent such Party's obligations are hindered by the Force Majeure event Upon cessation of such Force Majeure condition, the Party whose performance fails or is delayed because of such Force Majeure conditions will give like notice and commence performance hereunder as promptly as reasonably practicable.

18.0 PUBLICITY

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

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

19.0 NETWORK MAINTENANCE AND MANAGEMENT

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

19.2 Intentionally Left Blank

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

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

20.0 LAW ENFORCEMENT AND CIVIL PROCESS

20.1 Intercept Devices

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

20.2 Subpoenas

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

20.3 Law Enforcement Emergencies

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

21.0 CHANGES IN SUBSCRIBER CARRIER SELECTION

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

21.2 When an end user authorizes a change in his selection of local service provider or discontinues service, each party shall release the customer specific facilities. SBC KANSAS shall be free to connect the end user to any local service provider based upon the local service provider's request and assurance that proper end user authorization has been obtained. Further, when an end user abandons a premise (i.e., vacates a premise without disconnecting service), SBC KANSAS is free to reclaim the facilities for use by another customer and is free to issue service orders required to reclaim such facilities per the local service provider's request. When a XSPEDIUS resale end user has abandoned a premise (i.e., vacates a premise without disconnecting service, XSPEDIUS will cooperate with the new local service provider to confirm that the premise is abandoned by providing a timely response to the new local service provider.

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

federal or state law. At XSPEDIUS' written request, SBC KANSAS will investigate an alleged incidence of slamming involving XSPEDIUS, and only in such XSPEDIUS authorized instances shall SBC KANSAS charge XSPEDIUS; providing such charge shall be a cost-based or mutually agreed fee for providing the investigation.

22.0 AMENDMENTS OR WAIVERS

22.1 Except as otherwise provided in this Agreement, no amendment or waiver of any provision of this Agreement and no consent to any default under this Agreement will be effective unless the same is in writing and signed by an officer of the Party against whom such amendment, waiver or consent is claimed. In addition, no course of dealing or failure of a Party strictly to enforce any term, right or condition of this Agreement will be construed as a waiver of such term, right, or condition.

22.2 In order to execute an amendment to this Agreement, a Party shall request such amendment in writing. Such request shall include details regarding the Section or Sections to be amended and shall include the proposed language changes. Within 30 days from its receipt of the request, the other Party shall accept the proposed amendment in writing or shall deliver written notice to the other party either rejecting the requested amendment in its entirety, or inviting the prompt commencement of good faith negotiations to arrive at mutually acceptable terms. If the non-requesting Party rejects the requested amendment in its entirety, the requesting Party may request the prompt commencement of good faith negotiations to arrive at mutually acceptable terms, but there shall be no obligation on either Party to continue such negotiations longer than a period of 45 days if the Parties cannot arrive at mutually acceptable amendment terms. If mutually acceptable terms are not agreed upon with 45 days after the delivery of the written notice requesting the commencement of negotiations, or if at any time during this period (or a mutually agreed upon extension of this period,) the Parties have ceased to negotiate (other than by mutual agreement) for a period of 10 consecutive days, the amendment shall be resolved in accordance with the Dispute Resolution provisions set forth in Section 13 of this Agreement. Nothing in this Section 22.2 shall affect the right of either Party to pursue an amendment to this Agreement pursuant to Section 23.0 (Intervening Law), or Section 252(i) of the Act.

23.0 CHANGE IN LAW; RESERVATION OF RIGHTS

23.1 This Agreement is the result of negotiations between the Parties and may incorporate certain provisions that resulted from arbitration by the appropriate state Commission(s). The Parties acknowledge that the respective rights and obligations of each Party as set forth in this Agreement are based on the following, as of October 20, 2004: the Act, the applicable rules, regulations and Orders promulgated under the Act by the FCC, and applicable Kansas statutes, rules, regulations and Commission orders, and judicial decisions by courts of competent jurisdiction interpreting and applying said federal and Kansas statutes, rules, regulations and Orders. In entering into this Agreement and any Amendments to such Agreement and carrying out the provisions herein, neither Party waives, but instead expressly reserves, all of its rights, remedies and arguments with respect to any orders, decisions, legislation or proceedings and any remands thereof and any other federal or state regulatory, legislative or judicial action(s) that are issued, rendered, or adopted after October 20, 2004. Additionally, each Party expressly reserves its intervening law rights relating to the following actions: Verizon v. FCC, et al, 535 U.S. 467 (2002); USTA, et. al v. FCC, 290 F.3d 415 (D.C. Cir. 2002); the impairment proceedings that will be heard before the Commission and any pending appeals (and following remand and appeal, USTA v. FCC, 359 F.2d 554 (D.C. Cir. 2004), that relate to, or arise from, the FCC's Triennial Review Order, CC Docket Nos. 01-338, 96-98, and 98-147 (FCC 03-36) (the "TRO"), including, without limitation, the FCC's MDU Reconsideration Order (FCC 04-191) (rel.

August 9, 2004) and the FCC's Order on Reconsideration (FCC 04-248) (rel. Oct. 18, 2004), and the FCC's Biennial Review Proceeding which the FCC announced, in its Triennial Review Order, is scheduled to commence in 2004; the FCC's Supplemental Order Clarification (FCC 00-183) (rel. June 2, 2000), in CC Docket 96-98; and the FCC's Order on Remand and Report and Order in CC Dockets No. 96-98 and 99-68, 16 FCC Rcd 9151 (2001), (rel. April 27, 2001), which was remanded in WorldCom, Inc. v. FCC, 288 F.3d 429 (D.C. Cir. 2002), and as to the FCC's Notice of Proposed Rulemaking on the topic of Intercarrier Compensation generally, issued In the Matter of Developing a Unified Intercarrier Compensation Regime, in CC Docket 01-92 (Order No. 01-132), on April 27, 2001 and the FCC's Order *In the Matter of Petition of Core Communications, Inc. for Forbearance Under 47 U.S.C. §160(c) from Application of the ISP Remand Order*, WC Docket No. 03-171 (Order No. FCC 04-241) (rel. October 18, 2004) (collectively "Government Actions"). Except to the extent that SBC-13STATE has adopted the FCC ISP terminating compensation plan ("FCC Plan") in an SBC-13STATE state in which this Agreement is effective, and the Parties have incorporated rates, terms and conditions associated with the FCC Plan into this Agreement, these rights also include but are not limited to SBC-13STATE's right to exercise its option at any time to adopt on a date specified by SBC-13STATE the FCC Plan, after which date ISP-bound traffic will be subject to the FCC Plan's prescribed terminating compensation rates, and other terms and conditions, and seek conforming modifications to this Agreement. For purposes of this Agreement, "Change in Law" shall be defined as any legally binding judicial decision by a court of competent jurisdiction, amendment of the Act or applicable Kansas statute, or legislative, federal or state regulatory action, rule, regulation or other legal action that is issued, rendered or adopted after October 20, 2004 and that (i) materially revises, reverses, modifies or clarifies the meaning of the Act, an applicable Kansas statute or any of said rules, regulations, Orders, or judicial decisions, (ii) invalidates, modifies, or stays the enforcement of laws or regulations that were the basis or rationales for any rate(s), terms(s) and/or condition(s) of the Agreement, (iii) and/or otherwise affects the rights or obligations of either Party that are addressed by this Agreement specifically including but not limited to those arising with respect to the Government Actions. For purposes of this Section, "legally binding" means that the relevant legal action has not been stayed, no request for a stay is pending and if any deadline for requesting a stay is designated by statute or regulation, such deadline has passed. If either Party believes that a Change in Law within the meaning of this Section has occurred, that Party may request renegotiation by written notice to the other Party. The Parties shall thereafter renegotiate the affected provisions in this Agreement in good faith and amend this Agreement to reflect such Change in Law. For avoidance of any doubt, this Section shall also apply to situations where this Agreement defines the rights or obligations of either Party solely by reference to Applicable Law or similar reference. In the event that any renegotiation under this Section 23.0 is not concluded within ninety (90) days after one Party gives the other notice that it demands renegotiation pursuant to this provision, or if at any time during such ninety (90) day period the Parties shall have ceased to negotiate such terms for a continuous period of fifteen (15) business days or if the non-requesting Party refuses to engage in such renegotiation on the ground that there has been no Change in Law sufficient to require renegotiation under this Section, the dispute shall be resolved as provided in Section 13.0 of this Agreement. During the negotiation or arbitration of any such Change in Law, the Parties shall remain obligated to perform under the terms set forth in this Agreement.

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

24.0 AUTHORITY

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

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

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

25.0 BINDING EFFECT

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

26.0 CONSENT

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

27.0 EXPENSES

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

28.0 HEADINGS

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

29.0 RELATIONSHIP OF PARTIES

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

30.0 CONFLICT OF INTEREST

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

31.0 MULTIPLE COUNTERPARTS

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

32.0 THIRD PARTY BENEFICIARIES

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

33.0 REGULATORY APPROVAL

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

34.0 TRADEMARKS AND TRADE NAMES

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

35.0 REGULATORY AUTHORITY

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

35.3 SBC KANSAS will provide XSPEDIUS with direct notice of any tariff or filing which concerns the subject matter of this Agreement in the same manner and for the same term as set forth in Section 15.4 for the subjects listed therein.

36.0 COMMISSION INTERPRETATION OF SAME OR SUBSTANTIVELY SIMILAR LANGUAGE

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

37.0 TARIFF REFERENCES

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

37.2 Wherever the term "Customer" is used in connection with SBC KANSAS' retail tariffs, the term "Customer" means the ultimate "consumer" or the end user of any tariffed service.

38.0 VERIFICATION REVIEWS

38.1 Subject to each Party's reasonable security requirements and except as may be otherwise specifically provided in this Agreement, either Billed (auditing) Party may audit the Billing Party's books, records and other documents once in each Contract Year for the purpose of evaluating the accuracy of the Billing (audited) Party's billing and invoicing. The Billing Party may audit the Billed Party's books, records and other documents once in each Contract Year for verification of the accuracy of information that the Billing (auditing) Party is entitled, under this Agreement, to rely on in billing and invoicing for services provided to the Billed (audited) Party hereunder. The Parties may employ other persons or firms for this purpose. Such audit will take place at a time and place agreed on by the Parties no later than thirty (30) days after notice thereof.

38.2 The Billing Party will promptly correct any billing error that is revealed in an audit, including making refund of any overpayment by the Billed Party in the form of a credit on the invoice for the first full billing cycle after the Parties have agreed upon the accuracy of the audit results. The credit shall include interest on the overpayment, which interest shall be computed in accordance with Section 9.1 of this Agreement. Any disputes concerning audit results will be resolved pursuant to the Dispute Resolution procedures described in Section 13.0 of this Agreement.

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

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

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

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

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

38.7 Information obtained or received by either Party in connection with Sections 38.1 through 38.6 will be subject to the confidentiality provisions of Section 6.0 of this Agreement.

39.0 COMPLETE TERMS

39.1 This Agreement constitutes the entire agreement between the parties concerning the subject matter hereof and supersedes any prior agreements, representations, statements, negotiations, understandings, proposals or undertakings, oral or written, with respect to the subject matter expressly set forth herein.

39.2 Neither Party will be bound by an amendment, modification or additional term unless it is reduced to writing signed by an authorized representative of the party sought to be bound. The rates, terms and conditions contained in the amendment shall become effective upon approval of such amendment by the Commission.

40.0 COOPERATION ON PREVENTING END USER FRAUD

40.1 Each Party shall be liable for any fraud associated with that Party's end user's account, including 1+ IntraLATA toll, ported numbers, and Alternate Billing Service (ABS). ABS is a service that allows end users to bill calls to account(s) that might not be associated with the originating line. There are three types of ABS calls: calling card, collect, and third number billed calls.

40.2 The Parties agree to cooperate with one another to investigate, minimize, and take corrective action in cases of fraud. The Parties' fraud minimization procedures are to be cost-effective and implemented so as not to unduly burden or harm one Party as compared to the other.

40.3 In cases of suspected fraudulent activity by an end user, at a minimum, the cooperation referenced in the above paragraph will include providing to the other Party, upon request, information concerning end users who terminate services to that Party without paying all outstanding charges. The Party seeking such information is responsible for securing the end user's permission to obtain such information.

41.0 NOTICE OF NETWORK CHANGES

41.1 SBC KANSAS agrees to provide XSPEDIUS reasonable notice consistent with applicable rules of changes in the information necessary for the transmission and routing of services using SBC KANSAS' facilities or networks, as well as other changes that affect the interoperability of those respective facilities and networks. This Agreement is not intended to limit SBC KANSAS' ability to upgrade its network through the incorporation of new equipment, new software or otherwise nor to limit XSPEDIUS' access to UNEs provided over those facilities.

42.0 GOOD FAITH PERFORMANCE

42.1 In the performance of their obligations under this Agreement the Parties will act in good faith and consistently with the intent of the Act. Where notice, approval or similar action by a Party is permitted or

required by any provision of this Agreement, (including, without limitation, the obligation of the Parties to further negotiate the resolution of new or open issues under this Agreement) such action will not be unreasonably delayed, withheld or conditioned.

43.0 RESPONSIBILITY OF EACH PARTY

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

44.0 TRANSMISSION OF TRAFFIC TO THIRD PARTIES

44.1 Intentionally Left Blank

45.0 GOVERNMENTAL COMPLIANCE

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

46.0 RESPONSIBILITY FOR ENVIRONMENTAL CONTAMINATION

46.1 Disclosure of Potential Hazards: When and if XSPEDIUS notifies SBC KANSAS that XSPEDIUS intends to enter or perform work pursuant to this Agreement in, on, or within the vicinity of any particular SBC KANSAS building, manhole, pole, duct, conduit, right-of-way, or other facility (hereinafter "work location"), SBC KANSAS shall timely notify XSPEDIUS of any Environmental Hazard at that Work Location of which SBC KANSAS has actual knowledge, except that this duty shall not apply to any Environmental Hazard (i) of

which XSPEDIUS already has actual knowledge or (ii) was caused solely by XSPEDIUS or (iii) would be obvious and apparent to anyone coming to the work location. For purposes of this Agreement, "Environmental Hazard" shall mean (i) the presence of petroleum vapors or other gases in hazardous concentrations in a manhole or other confined space, or conditions reasonably likely to give rise to such concentrations; (ii) the presence of electrical cable in a conduit system; (iii) asbestos-containing materials; (iv) emergency exit routes and warning systems, if and to the extent owned or operated by SBC KANSAS; and (v) any potential hazard that would not be obvious to an individual entering the work location or detectable using work practices standard in the industry.

46.2 Evaluation of Potential Hazards: Without limiting the foregoing, after providing prior notice to SBC KANSAS, XSPEDIUS shall have the right to inspect, test, or monitor any work location for possible Environmental Hazards as necessary or appropriate to comply with law or to protect its employees, contractors or others from the possible effects of Environmental Hazards. XSPEDIUS shall be responsible for conducting such inspections, testing or monitoring in a way that does not unreasonably interfere with SBC KANSAS' business operations after consultation with SBC KANSAS, and shall return SBC KANSAS' property to substantially the same condition as it would have been without such inspections, testing or monitoring.

46.3 Managing Disturbed Materials and Media: If and to the extent that XSPEDIUS' activity at any work location involves the excavation, extraction, or removal of asbestos or other manmade materials or contaminated soil, groundwater, or other environmental media, then XSPEDIUS rather than SBC KANSAS shall be responsible in the first instance for the subsequent treatment, disposal, or other management of such materials and media.

46.4 Indemnification:

46.4.1 Each Party shall indemnify, on request defend, and hold harmless the other Party and each of its officers, directors and employees from any and all suits, claims, demands, Losses, damages, liabilities, fines, penalties, or expenses, of every kind and character (including reasonable attorneys' fees), on account of or in connection with any injury, loss, or damage to any person or property, or to the environment, to the extent any of them arise out of or in connection with the violation or breach, by any employee of the indemnifying Party or other person acting on the indemnifying Party's behalf, of this Section 46 or any federal, state, or local environmental statute, rule, regulation, ordinance, or other Applicable Law or provision of this Agreement dealing with hazardous substances or protection of human health or the environment.

46.4.2 XSPEDIUS shall indemnify, on request defend, and hold harmless SBC KANSAS and each of its officers, directors and employees from any and all suits, claims, demands, losses, damages, liabilities, fines, penalties, or expenses, of every kind and character (including reasonable attorneys' fees), on account of or in connection with any injury, loss, or damage to any person or property, or to the environment, to the extent any of them arise out of or in connection with (i) the release or discharge, onto any public or private property, of any hazardous substances, regardless of the source of such hazardous substances, by any employee of XSPEDIUS, or by any person acting on XSPEDIUS' behalf, while at a work location or (ii) the removal or disposal of any hazardous substances by any employee of XSPEDIUS or by any person acting on XSPEDIUS' behalf, or the subsequent storage, processing or other handling of such hazardous substances by any person or entity, after such substances have thus been removed from a work location or (iii) any environmental contamination or Environmental Hazard or release of a hazardous substance caused or created by XSPEDIUS or its contractors or agents.

46.4.3 SBC KANSAS shall indemnify, on request defend, and hold harmless XSPEDIUS and each of its officers, directors and employees from any and all suits, claims, demands, losses, damages, liabilities, fines, penalties, or expenses, of every kind and character (including reasonable attorneys' fees), asserted by any

government agency or other third party on account of or in connection with any injury, loss or damage to any person or property, or to the environment, to the extent any of them arise out of or in connection with (i) the release or discharge, onto any public or private property, of any hazardous substances, regardless of the source of such hazardous substances, by any employee of SBC KANSAS or by any person acting on SBC KANSAS' behalf, at a work location or (ii) the removal or disposal of any hazardous substances by any employee of SBC KANSAS or by any person acting on SBC KANSAS' behalf, or the subsequent storage, processing or other handling of such hazardous substances by any person or entity, after such substances have thus been removed from a work location or (iii) any environmental contamination or Environmental Hazard or release of a hazardous substance either (x) existing or occurring at any Work Location on or before the date of this agreement or (y) caused or created by SBC KANSAS or its contractors or agents.

47.0 SUBCONTRACTING

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

48.0 REFERENCED DOCUMENTS

48.1 The Parties agree to adhere to the SBC KANSAS Guides and similar documents ("Guides"), incorporated by reference in this Agreement, provided however, that the provisions thereof are reasonable and nondiscriminatory and that nothing required in the Guides shall limit or override XSPEDIUS' rights or SBC KANSAS' obligations under this Agreement or the Act. To the extent SBC KANSAS modifies a Guide to enhance its position in a dispute between the parties, such modification will be null and void with respect to XSPEDIUS. To the extent that there is a conflict between a provision of a Guide and this Agreement, the terms of this Agreement shall prevail. Whenever any provision of this Agreement refers to a technical reference, technical publication, CLEC Practice, SBC KANSAS Practice, any publication of telecommunications industry administrative or technical standards, or any other document specifically incorporated into this Agreement, it will be deemed to be a reference to the current version or edition (including any amendments, supplements, addenda, or successors) as of the Effective Date of this agreement. Any subsequent amendment, supplement, addenda or successor to a technical reference, technical publication, CLEC Practice, SBC KANSAS Practice, any publication of telecommunications industry administrative or technical standards, or any other document specifically incorporated into this Agreement which results in a significant change in SBC KANSAS' provision of service to XSPEDIUS shall not be effective against XSPEDIUS without its express written consent.

49.0 SEVERABILITY

49.1 If any term, condition or provision of this Agreement is held to be invalid or unenforceable for any reason, such invalidity or unenforceability will not invalidate the entire Agreement, unless such construction would be unreasonable. The Agreement will be construed as if it did not contain the invalid or unenforceable provision or provisions, and the rights and obligations of each Party will be construed and enforced accordingly; provided, however, that in the event such invalid or unenforceable provision or provisions are essential elements of this Agreement and substantially impair the rights or obligations of either Party, the Parties will promptly negotiate a replacement provision or provisions. If impasse is reached, the Parties will resolve said impasse under the dispute resolution procedures set forth in Section 13.0

50.0 SURVIVAL OF OBLIGATIONS

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

51.0 GOVERNING LAW

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

52.0 PERFORMANCE MEASURES

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

53.0 INTENTIONALLY LEFT BLANK

54.0 INTENTIONALLY LEFT BLANK

55.0 DIALING PARITY; NUMBER PORTABILITY

55.1 SBC KANSAS will ensure that all XSPEDIUS customers experience the same dialing parity as similarly-situated customers of SBC KANSAS services, such that, for all call types: (i) an XSPEDIUS customer is not required to dial any greater number of digits than a similarly-situated SBC KANSAS customer; (ii) the post-dial delay (time elapsed between the last digit dialed and the first network response), call completion rate and transmission quality experienced by an XSPEDIUS customer is at least equal in quality to that experienced by a similarly-situated SBC KANSAS customer; and (iii) the XSPEDIUS Customer may retain its local telephone number. SBC KANSAS further agrees to provide Number Portability in accordance with

the requirements of the Act. Specific requirements concerning Interim Number Portability are set forth in Attachment 14: Number Portability.

56.0 BRANDING

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

57.0 END USER-CUSTOMER INQUIRIES

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

58.0 DISCLAIMER OF WARRANTIES

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

59.0 NO WAIVER

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

60.0 DEFINITIONS

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

61.0 RESALE

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

62.0 UNBUNDLED NETWORK ELEMENTS

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

63.0 ORDERING AND PROVISIONING, MAINTENANCE, CONNECTIVITY BILLING AND RECORDING, AND PROVISION OF END USER CUSTOMER USAGE DATA

63.1 In connection with its Resale of services to XSPEDIUS, SBC KANSAS agrees to provide to XSPEDIUS Ordering and Provisioning Services, Maintenance services, Connectivity Billing and Recording services and Provision of end user Customer Usage Data services pursuant to the terms specified in Attachments 2, 3, 4 and 5, respectively.

63.2 In connection with its furnishing Unbundled Networks Elements to XSPEDIUS, SBC KANSAS agrees to provide to XSPEDIUS Ordering and Provisioning Services, Maintenance services, Connectivity Billing and Recording services and Provision of end user Customer Usage Data services pursuant to the terms specified in Attachments 7, 8, 9 and 10, respectively.

64.0 NETWORK INTERCONNECTION ARCHITECTURE

64.1 Where the Parties interconnect their networks, for purposes of exchanging traffic between their networks, the Parties agree to utilize the interconnection methods specified in Attachment 11: Network Interconnection Architecture. SBC KANSAS expressly recognizes that this provision and said Attachment are in no way intended to impair in any way XSPEDIUS' right to interconnect with Unbundled Network Elements furnished by SBC KANSAS at any technically feasible point within SBC KANSAS' network, as provided in the Act.

65.0 COMPENSATION FOR DELIVERY OF TRAFFIC

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

66.0 ANCILLARY FUNCTIONS

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

67.0 INTENTIONALLY LEFT BLANK

68.0 AMENDMENTS AND MODIFICATIONS

68.1 Except as otherwise provided for in this Agreement, no provision of this Agreement shall be deemed amended or modified by either Party unless such an amendment or modification is in writing, dated, and signed by an authorized representative of both Parties. The rates, terms and conditions contained in the amendment shall become effective upon approval of such amendment by the Commission; and such amendment will not require refunds, true-up or retroactive crediting or debiting prior to the approval of the Amendment. SBC KANSAS and XSPEDIUS shall each be responsible for its share of the publication expense (i.e. filing fees, delivery and reproduction expense, and newspaper notification fees), to the extent publication is required for filing of an amendment by a specific state.

68.2 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.

69.0 ENTIRE AGREEMENT

69.1 The terms contained in this Agreement and any 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 between the Parties during the negotiations of this Agreement and through the execution and/or Effective Date of this

Agreement. This Agreement shall not operate as or constitute a novation of any agreement or contract between the Parties that predates the execution and/or Effective Date of this Agreement.

70.0 SCOPE OF AGREEMENT

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

70.2 Intentionally Omitted

71.0 OTHER REQUIREMENTS AND ATTACHMENTS

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

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

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

Xspedius Management Co, Switched Services, LLC and Xspedius Management Co. of Kansas City, LLC d/b/a Xspedius Communications

Signature: _____

Name: _____
(Print or Type)

Title: _____
(Print or Type)

Date: _____

Southwestern Bell Telephone, L.P. d/b/a SBC Kansas by SBC Operations, Inc., its authorized agent

Signature: _____

Name: _____
(Print or Type)

Title: AVP-Local Interconnection Marketing

Date: _____

Facilities: OCN/AECN#_____

Resale: OCN/AECN#_____

Intercarrier Compensation Option Choice:

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

This agreement contains arbitrated provisions as determined by the Kansas Corporation Commission.

ATTACHMENT 1: RESALE

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

1.0 GENERAL REQUIREMENTS

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

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

1.2 SBC KANSAS will apply an End User Common Line (EUCL) charge to each local exchange line resold under this agreement. All federal rules and regulations associated with EUCL charges, as found in Tariff FCC 73, also apply.

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

1.3 SBC KANSAS will make available to CLEC for resale Customer Service Contracts, Enhanced Directory Listings, Prepaid Calling Card, Joint User Services and all listed services contained in Exhibit Services and Pricing Schedule to Appendix Services/Pricing of this Attachment at the wholesale discount rates shown therein. Except as otherwise expressed herein, SBC KANSAS also will make available for resale to CLEC at the wholesale discount rate ordered by the KS-CC any other Telecommunications Services offered by SBC KANSAS and not listed in Exhibit Services and Pricing.

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

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

- Construction Charges
- Connections with Terminal Equipment and Communications Systems
- Maintenance of Service Charges
- Suspension Services/Restoral Services
- Telecommunications Service Priority Systems
- Access Services
- 555/976 Information Delivery Service
- Cellular Mobile Interconnection Services
- Exchange Connection Services
- IntraLATA Internet Access Plans (as found in Section 4 of the Kansas Long Distance Message Telecommunications Service Tariff)
- Specialized Broadband Services

1.6 The following services are not being made available by SBC KANSAS to CLEC for resale.

- BDS/LAN
- Customer Provided Equipment
- Customized Billing Reports
- Inline® Products

- Inside Wiring
- Semi-Public Telephone Booths and Enclosures
- 911 Universal Emergency Number Equipment

1.7 Telecommunications Services will be resold by SBC KANSAS to CLEC on terms and conditions that are reasonable and nondiscriminatory.

1.8 Directory Assistance and Operator Services

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

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

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

1.9 Directory Listings Requirements

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

1.10 Unless otherwise provided in this Agreement, SBC KANSAS will perform all of its obligations hereunder throughout the entire service area where SBC KANSAS is the incumbent local exchange carrier. SBC KANSAS will provide the services covered by this Attachment subject to the availability of facilities in this state.

1.11 CLEC may at any time add or delete features to or relocate the Resale services for CLEC's customers except for grandfathered services. However, CLEC may only offer grandfathered services to customers that are eligible to receive grandfathered services from SBC KANSAS.

1.12 Unless stayed, modified or reversed on appeal or reconsideration, SBC KANSAS will not apply the continuous property tariff for Plexar services, which was previously found reasonable by the KS-CC. The parties recognize that CLEC's right to aggregate end user traffic when reselling optional calling plans is in dispute before the United States Court of Appeals for the Tenth Circuit, Case No. 00-6030. During the pendency of that case, CLEC may aggregate end user traffic when reselling optional calling plans. The parties acknowledge, however, that the decision of that court, or a decision in proceedings on remand therefrom, may make modification of this section appropriate. In such event, the Parties shall expend diligent efforts to arrive at an agreement regarding the appropriate conforming modification to this section, and, if negotiations fail, disputes between the Parties concerning the appropriate conforming modification shall be resolved pursuant to the dispute resolution process provided for in this Agreement. Additional tariff restrictions, other than the cross-class restriction allowed by FTA96 Section 251(c)(4)(B), are presumptively unreasonable.

1.13 CLEC may terminate any Resale service within the period specified for termination of such Resale service in SBC KANSAS' tariff applicable to that service, unless a different period is specified in this Attachment 1: Resale.

1.14 A CLEC shall make its telecommunications services available for resale to SBC KANSAS on terms and conditions that are reasonable and nondiscriminatory.

2.0 BRANDING

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

2.1.1 SBC KANSAS offers certain retail services that utilize electronic branding to designate the services as SBC KANSAS' retail services. Subject to applicable law, to the extent such services are made available for resale to CLEC customers, CLEC may request SBC KANSAS to rebrand such services as CLEC services or to offer them without a brand. SBC KANSAS will review such requests in a timely manner and provide a cost estimate. CLEC agrees to reimburse SBC KANSAS for its costs associated with the technical modifications necessary for such services to be unbranded or rebranded, including the costs to expedite the service availability to meet CLEC's needs. CLEC must accept the costs in writing before unbranding or rebranding technical modifications are performed and implemented. These branding and cost recovery provisions are applicable to services other than Directory Assistance and Operator Services offered by SBC KANSAS as of the effective date of this Agreement. To the extent other LSPs subsequently utilize such unbranded services, SBC KANSAS agrees to reimburse CLEC for a reasonable portion of its costs.

2.2 CLEC will provide the exclusive interface to CLEC customers in connection with the marketing, offering or provision of CLEC services, except as otherwise provided in this Agreement. In those instances where SBC KANSAS personnel interface directly with CLEC customers in respect to installation, maintenance, and repair services in connection with providing Resale services to CLEC, orally (either in person or by telephone) or in writing, such personnel will identify themselves as acting on behalf of their local service provider.

2.3 Branding provisions concerning SBC KANSAS' furnishing of all forms, business cards or other business materials to CLEC customers in connection with the ordering and provisioning and maintenance of Resale services provided for in this Agreement are contained in Attachments 2 and 3 of this Agreement.

2.4 CLEC will not, without SBC KANSAS' written authorization, offer the Resale services covered by this Agreement using trademarks, service marks, trade names, brand names, logos, insignia, symbols or decorative designs of SBC KANSAS or its affiliates.

3.0 CHANGE IN END USER LOCAL SERVICE PROVIDER

3.1 When an End User converts existing service to CLEC resold service of the same type without any additions or changes, a conversion charge will apply as set forth in Pricing Schedule.

When an End User converts existing service to CLEC resold service of the same type without any additions or changes, a conversion charge will apply as set for in Pricing Schedule. Custom Services conversions (e.g. Plexar Custom) will be handled on a Customer Specific Proposal basis.

3.1.1 Simple and Complex Service Orders are defined as follows:

Simple (Manual) Conversion - change in local service provider where services involved are simple, Plain Old Telephone Service (POTS); those services that do not require special review/coordination by other departments (e.g., Routing Managers, Circuit Provisioning Center, Network Sales Support, etc.) for engineering or design work to assure industry standard transmission quality; (e.g., normal single line residence or business flat rate or measured local exchange access line). CLEC passes (FAX/phone) manual local service request to LECC and ILEC service representative input request in service order system for provisioning.

Electronic Conversion - change in local service provider where services involved are simple; CLEC passes electronic local service request to ILEC through electronic interface to ILEC service order systems and service order completes without manual intervention on behalf of ILEC service order personnel; also where a complex service is passed through electronic interface to ILEC service order systems and service order completes without manual intervention on behalf of ILEC service order personnel.

Complex (Manual) Conversion - change in local service provider involving services that are not characterized as POTS; those services that may require special review/ coordination by other departments (e.g., Routing Managers, Circuit Provisioning Center, Network Sales Support, etc.) for engineering or design work to assure industry standard transmission quality; also, new services that use a different platform than current technology (e.g., SS7 based AIN services).

3.2 If a CLEC end user customer adds features or services when the end user customer changes their resold local service from SBC KANSAS or another LSP to CLEC, SBC KANSAS will charge CLEC the normal service order charges and/or non-recurring charges associated with said additions and/or changes will be applied in addition to the conversion charges.

3.3 For the purposes of ordering service furnished under this Appendix, each request for new service (that is, service not currently being provided to the End User on SBC KANSAS' network, without regard to the identity of that End User's non-facilities based local service provider of record) shall be handled as a separate initial request for service and shall be charged per billable telephone number.

3.4 Upon an end user's subscription to CLEC local Resale service, SBC KANSAS will promptly remove from the LIDB any SBC KANSAS assigned telephone line based calling card number (TLN) applicable to that end user.

4.0 PRICING

4.1 Except as set forth in Appendices DA - Resale, OS - Resale, White Pages - Resale, and Customized Routing - Resale, the prices charged or discounts applied to CLEC for Resale service are set forth in Appendix Services.

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

5.0 NO RESTRICTIONS ON RESALE

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

5.2 CLEC will not use the Resale services covered by this Agreement to provide intrastate or interstate access services or to avoid intrastate or interstate access charges to itself, interexchange carriers (IXCs), wireless carriers, competitive access providers (CAPs), or other telecommunications providers. Provided however, that CLEC may permits its end users to use resold Resale services to access IXCs, wireless carriers, CAPs, or other retail telecommunications providers.

6.0 DIALING PARITY

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

7.0 MAINTENANCE

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

8.0 CHANGES IN RETAIL SERVICE

8.1 SBC KANSAS will notify CLEC, via Accessible Letter, at the time the tariff is filed with the KS-CC for price deregulated services and 10 days prior to the time a tariff is filed with the KS-CC for all other regulated services, of any changes in the prices, terms and conditions under which SBC KANSAS offers telecommunications services at retail to subscribers who are not telecommunications service providers or carriers, including, but not limited to, the introduction of any new features, functions, services, promotions, or the discontinuance of current features or services.

9.0 BILLING FOR LOCAL SERVICE

9.1 SBC KANSAS will bill CLEC for Resale services provided by SBC KANSAS to CLEC pursuant to the terms of this Attachment, and in accordance with the terms and conditions contained in Attachment 4: Connectivity Billing and Recording-Resale.

9.2 SBC KANSAS will recognize CLEC as the customer of record for all Local Service and will send all notices, bills and other pertinent information directly to CLEC. CLEC is responsible for the payment of charges for all services furnished by reason of this Attachment.

10.0 OPERATIONAL REQUIREMENTS

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

10.2 SBC KANSAS will provide usage information to CLEC for Resale services pursuant to the terms of this Attachment, and in accordance with the terms and conditions contained in Attachment 5: Customer Usage Data-Resale.

11.0 RESPONSIBILITY FOR ABS CALLS

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

APPENDIX SERVICES/PRICING

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

2.0 PLEXAR® FAMILIES OF SERVICES REQUIREMENTS

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

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

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

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

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

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

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

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

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

3.0 CLASS AND CUSTOM FEATURES REQUIREMENTS

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

tariff, the tariff prevails. SBC KANSAS will provide all features and services pursuant to the provisions of Attachment 2: Ordering and Provisioning.

4.0 VOLUNTARY FEDERAL CUSTOMER FINANCIAL ASSISTANCE PROGRAMS

4.1 Local Services provided to low-income subscribers, pursuant to requirements established by the appropriate state regulatory body, include programs such as Voluntary Federal Customer Financial Assistance Program and Link-Up America. When such SBC KANSAS customers choose to obtain Resale service from CLEC, SBC KANSAS will confirm such customers' eligibility to participate in such SBC KANSAS programs to CLEC, in electronic format in accordance with the procedures set forth in Attachment 2: Ordering and Provisioning - Resale. CLEC is responsible for ensuring that its customers to whom it resells SBC KANSAS' Voluntary Federal Customer Financial Assistance Programs services are eligible to receive same.

5.0 E911/911 SERVICES

5.1 Where available SBC KANSAS will afford CLEC's customers with resold lines the ability to make 911 calls. CLEC will pay the appropriate PSAP applicable 911 surcharges (as defined by the appropriate Oversight Body) on resold lines. Where requested by SBC KANSAS, CLEC will provide SBC KANSAS with accurate and complete information regarding its customers in a format and time frame prescribed by SBC KANSAS for purposes of 911 administration. SBC KANSAS will provide to CLEC, for CLEC Customers, E911/911 call routing to the appropriate PSAP. SBC KANSAS will make CLEC Customer information available to the appropriate PSAP. SBC KANSAS shall use its service order process to update and maintain, on the same schedule that it uses for its Customers, the CLEC Customer service information in the ALI/DMS (Automatic Location Identification/Location Information Database) used to support E911/911 services.

6.0 SERVICES TO DISABLED CUSTOMERS

6.1 SBC KANSAS agrees any services it offers to disabled customers will be made available to CLEC for its customers who qualify as disabled customers. When an SBC KANSAS customer eligible for services offered to disabled customers chooses to obtain Resale services from CLEC, SBC KANSAS will make all information regarding such customer's eligibility for disabled services available to CLEC, in electronic format in accordance with the procedures set forth in Attachment 2: Ordering and Provisioning - Resale. CLEC is responsible for ensuring that its customers to whom it resells SBC KANSAS' disabled services are eligible to receive same.

7.0 TELEPHONE RELAY SERVICE

7.1 Where SBC KANSAS provides to speech and hearing-impaired callers a service that enables callers to type a message into a telephone set equipped with a keypad and message screen and to have a live operator read the message to a recipient and to type the message recipient's response to the speech or hearing-impaired caller ("Telephone Relay Service"), SBC KANSAS will make such service available to CLEC at no additional charge, for use by CLEC customers who are speech or hearing-impaired. If SBC KANSAS maintains a record of customers who qualify under any applicable law for Telephone Relay Service, SBC KANSAS will make such data available to CLEC as it pertains to CLEC Resale service customers.

8.0 LIFELINE SERVICES

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

8.2 When a SBC KANSAS Lifeline Services customer chooses to obtain Resale service from CLEC, SBC KANSAS will confirm such SBC KANSAS customer's Lifeline Service eligibility to CLEC, in electronic format in accordance with the procedures set forth in Attachment 2: Ordering and Provisioning - Resale. CLEC is responsible for ensuring that its customers to whom it resells SBC KANSAS' Lifeline Services are eligible to receive same.

8.3 SBC KANSAS will provide the Lifeline Service to CLEC at the Kansas Lifeline Local Exchange Tariff rate, less an additional CLEC state discount as specified in Appendix Pricing, Schedule of Prices. SBC KANSAS is the entity eligible to apply to and receive support from the Kansas Universal Service Fund and the Federal Universal Service Fund for Lifeline Service.

9.0 ADVANCED INTELLIGENT NETWORK

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

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

9.3 CLEC may purchase any and all levels of AIN service for Resale services, without restriction on the minimum or maximum number of lines or features that may be purchased for any one level of service where technically feasible.

10.0 PAY PHONE SERVICES

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

11.0 CALL TRACE

11.1 CLEC end user's activation of Call Trace shall be handled by the SBC KANSAS Call Trace Center (CTC). SBC KANSAS shall notify CLEC of requests by its end users to provide the call records to the proper authorities. Subsequent communications and resolution of the case with CLEC's end users (whether that end user is the victim or the suspect) will be coordinated through CLEC.

11.2 CLEC understands that for services where reports are provided to law enforcement agencies (e.g., Call Trace) only billing number and address information will be provided. It will be CLEC's responsibility to provide additional information necessary for any police investigation. CLEC will indemnify SBC KANSAS against any claims that insufficient information led to inadequate prosecution.

12.0 SUSPENSION SERVICES

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

13.0 PAYMENTS OF RATES & CHARGES FROM A THIRD PARTY

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

14.0 SERVICES AVAILABLE FOR RESALE AND ASSOCIATED PRICES

14.1 Attached is Exhibit A, "List of SBC KANSAS' Telecommunications Services available for Resale," which is a matrix that lists the services offered by SBC KANSAS which will be made available to CLEC for resale.

CLEC may purchase these services at a 21.6% discount from SBC KANSAS' retail prices. Also attached is Exhibit B, "List of SBC KANSAS' Other Services Available for Resale," which is a matrix that lists services offered by SBC KANSAS which will be made available to CLEC at retail prices. Any rate element incorrectly included in or omitted from either matrix will be corrected as appropriate.

15.0 CSA CONTRACT WHOLESALE DISCOUNT

15.1 SBC KANSAS shall make available existing SBC KANSAS retail customer-specific arrangement (CSA) contracts for resale pursuant to the terms of the KCC Order in Docket No. 99-GIMT-706-GIT, *In the Matter of the General Investigation Into Issues Related to Long Term Contracts*. CLEC will assume in writing the balance of the terms, including volume, term and termination liability in such existing contract with a current retail or resold SBC KANSAS end user at the time of conversion. An assumption of an existing contract where the terms and conditions are not altered, excepting wholesale discount, will not constitute ground for collection of a termination liability. The following wholesale discounts will apply:

Existing CSA, Non-tariffed Customer Specific Contract (e.g. ICB)	5.00%
Existing CSA, Tariffed Volume and Term Contract	8.00%

SBC KANAS/XSPEDIUS COMMUNICATIONS

RESALE	RESALE DISCOUNT		Nonrecurring First		Nonrecurring Rate Additional Kansas
LOCAL EXCHANGE SERVICE	RECURRING		NON-RECURRING		
Business 1 Party	21.60%		21.60%		NA
Business - Multi-Line	21.60%		21.60%		NA
Business Message Rate 1-Party	21.60%		21.60%		NA
Customer Operated Pay Telephone Service	21.60%		21.60%		NA
Line Amplifier	21.60%		21.60%		NA
Public Response Calling Service	21.60%		21.60%		NA
Telephone Answering and Secretarial Service	21.60%		21.60%		NA
Service Connections, Move and Changes	21.60%		21.60%		NA
EXPANDED LOCAL CALLING					
Mandatory Extend Local Calling	21.60%		21.60%		NA
Basehor Optional Calling Area	21.60%		21.60%		NA
MetroPlus	21.60%		21.60%		NA
VERTICAL SERVICES					
Auto Redial	21.60%		21.60%		NA
Call Blocker	21.60%		21.60%		NA
Call Forwarding	21.60%		21.60%		NA
Call Forwarding - Busy Line	21.60%		21.60%		NA
Call Forwarding - Busy Line/Don't Answer	21.60%		21.60%		NA
Call Forwarding - Don't Answer	21.60%		21.60%		NA
Call Return	21.60%		21.60%		NA
Call Trace	21.60%		21.60%		NA
Call Waiting	21.60%		21.60%		NA
Calling Name	21.60%		21.60%		NA
Calling Number	21.60%		21.60%		NA
Personalized Ring (1 dependent number)	21.60%		21.60%		NA
Personalized Ring (2 dependent numbers - 1st number)	21.60%		21.60%		NA
Personalized Ring (2 dependent numbers - 2nd number)	21.60%		21.60%		NA
Priority Call	21.60%		21.60%		NA
Remote Access to Call Forwarding	21.60%		21.60%		NA
Selective Call Forwarding	21.60%		21.60%		NA
Simultaneous Call Forwarding	21.60%		21.60%		NA
Speed Calling	21.60%		21.60%		NA
Three Way Calling	21.60%		21.60%		NA
DID					
DID (First Block of 100 - Category 1)	21.60%		21.60%		NA

SBC KANAS/XSPEDIUS COMMUNICATIONS

RESALE	RESALE DISCOUNT		Nonrecurring First		Nonrecurring Rate Additional Kansas
DID (First Block of 10 - Category 1)	21.60%		21.60%		NA
DID (Ea. adl. block of 10 after first 10 - Category 1)	21.60%		21.60%		NA
DID (Ea. adl. block of 100 after first 100 - Category 2)	21.60%		21.60%		NA
DID (Ea. adl. block of 10 assigned over 1st 100 - Category 2)	21.60%		21.60%		NA
DID (with Multifrequency)	21.60%		21.60%		NA
DID (with Dual-Tone Multifrequency)	21.60%		21.60%		NA
DID (1st 10 Trunks or access lines)	21.60%		21.60%		NA
DID (11th thru 50th trunk or network access line)	21.60%		21.60%		NA
DID (51st trunk or network access line)	21.60%		21.60%		NA
TRUNKS					
Analog Trunks	21.60%		21.60%		NA
Hotel/Motel Trunks	21.60%		21.60%		NA
Digital Trunks	21.60%		21.60%		NA
AIN					
Area Wide Networking	21.60%		21.60%		NA
Caller Intellidata	21.60%		21.60%		NA
Disaster Routing Service	21.60%		21.60%		NA
Intelligent Redirectsm	21.60%		21.60%		NA
Positive ID	21.60%		21.60%		NA
OTHER					
Bundled Telecommunications Services (e.g., the Works)	21.60%		21.60%		NA
Busy Out Arrangements	21.60%		21.60%		NA
Conference Telephone Service	21.60%		21.60%		NA
Customer Alerting Enablement	21.60%		21.60%		NA
Grandfathered Services	21.60%		21.60%		NA
Hot Line	21.60%		21.60%		NA
Hunting	21.60%		21.60%		NA
Improved Data Transmission	21.60%		21.60%		NA
Intercept Referral Service	21.60%		21.60%		NA
Local Operator Assistance Service	21.60%		21.60%		NA
Night Number associated with Telephone Number	21.60%		21.60%		NA
Night Number associated with a Terminal	21.60%		21.60%		NA
Promotions (Greater than 90 days)	21.60%		21.60%		NA
Preferred Number Service	21.60%		21.60%		NA
Second Line Control	21.60%		21.60%		NA
Selective Call Acceptance	21.60%		21.60%		NA
Telebranch®	21.60%		21.60%		NA
TouchTone	21.60%		21.60%		NA

SBC KANAS/XSPEDIUS COMMUNICATIONS

RESALE	RESALE DISCOUNT		Nonrecurring First		Nonrecurring Rate Additional Kansas
Voice Dial	21.60%		21.60%		NA
Warm Line	21.60%		21.60%		NA
Data Services					
Gigabit Ethernet Metropolitan Area Network (GigaMAN)	21.60%		21.60%		NA
PBX Trunks	21.60%		21.60%		NA
Mulit-Service Optical Network (MON)	21.60%		21.60%		NA
OCn-PTP	21.60%		21.60%		NA
DS3	21.60%		21.60%		NA
ISDN					
Digilinesm (ISDN BRI)	21.60%		21.60%		NA
Select Video Plus®	21.60%		21.60%		NA
Smart Trunksm (ISDN PRI)	21.60%		21.60%		NA
SuperTrunk	21.60%		21.60%		NA
TOLL					
IntraLATA MTS	21.60%		21.60%		NA
MaxiMizer 800®	21.60%		21.60%		NA
OutWATS	21.60%		21.60%		NA
800 Service	21.60%		21.60%		NA
OPTIONAL TOLL CALLING PLANS					
1+ SAVERsm	21.60%		21.60%		NA
1+Saver Direct	21.60%		21.60%		NA
Optional Community Calling Service	21.60%		21.60%		NA
PLEXAR®					
Plexar I®	21.60%		21.60%		NA
Plexar II®	21.60%		21.60%		NA
Plexar Custom®	21.60%		21.60%		NA
PRIVATE LINE					
Analog Private Lines	21.60%		21.60%		NA
Announcement Distribution Services	21.60%		21.60%		NA
Foreign Exchange Service	21.60%		21.60%		NA
Foreign Serving Office	21.60%		21.60%		NA
Frame Relay	21.60%		21.60%		NA
Group Alerting Services	21.60%		21.60%		NA
MicroLink I®	21.60%		21.60%		NA
MicroLink II®	21.60%		21.60%		NA
MultiPoint Video	21.60%		21.60%		NA
Network Reconfiguration Service	21.60%		21.60%		NA
Public Response Calling Service	21.60%		21.60%		NA
Service Loop Facility Modification Service	21.60%		21.60%		NA

SBC KANAS/XSPEDIUS COMMUNICATIONS

RESALE	RESALE DISCOUNT		Nonrecurring First		Nonrecurring Rate Additional Kansas
	RESALE DISCOUNTS				
Residence	RECURRING		NON-RECURRING		
LOCAL EXCHANGE SERVICE					
Life Line and Link Up America Services	21.60%		21.60%		NA
Residence 1 Party	21.60%		21.60%		NA
Residence Measured	21.60%		21.60%		NA
Residence Flat Rate Trunks	21.60%		21.60%		NA
Urban Mileage	21.60%		21.60%		NA
Service Connections, Move and Changes	21.60%		21.60%		NA

SBC KANAS/XSPEDIUS COMMUNICATIONS

RESALE	RESALE DISCOUNT		Nonrecurring First		Nonrecurring Rate Additional Kansas
EXPANDED LOCAL CALLING					
Mandatory Extend Local Calling	21.60%		21.60%		NA
Basehor Optional Calling Area	21.60%		21.60%		NA
MetroPlus	21.60%		21.60%		NA
VERTICAL SERVICES					
Auto Redial	21.60%		21.60%		NA
Call Blocker	21.60%		21.60%		NA
Call Forwarding	21.60%		21.60%		NA
Call Forwarding - Busy Line	21.60%		21.60%		NA
Call Forwarding - Busy Line/Don't Answer	21.60%		21.60%		NA
Call Forwarding - Don't Answer	21.60%		21.60%		NA
Call Return	21.60%		21.60%		NA
Call Trace	21.60%		21.60%		NA
Call Waiting	21.60%		21.60%		NA
Calling Name	21.60%		21.60%		NA
Calling Number	21.60%		21.60%		NA
Personalized Ring (1 dependent number)	21.60%		21.60%		NA
Personalized Ring (2 dependent numbers - 1st number)	21.60%		21.60%		NA
Personalized Ring (2 dependent numbers - 2nd number)	21.60%		21.60%		NA
Priority Call	21.60%		21.60%		NA
Remote Access to Call Forwarding	21.60%		21.60%		NA
Selective Call Forwarding	21.60%		21.60%		NA
Simultaneous Call Forwarding	21.60%		21.60%		NA
Speed Calling	21.60%		21.60%		NA
Three Way Calling	21.60%		21.60%		NA
ISDN					
Digiline	21.60%		21.60%		NA
OTHER					
Bundled Telecommunications Services (e.g., the Works)	21.60%		21.60%		NA
Conference Telephone Service	21.60%		21.60%		NA
Customer Alering Enablement	21.60%		21.60%		NA
Grandfathered Services	21.60%		21.60%		NA
Hot Line	21.60%		21.60%		NA
Improved Data Transmission	21.60%		21.60%		NA
Intercept Services	21.60%		21.60%		NA
Local Operator Assistance Service	21.60%		21.60%		NA
Promotions (Greater than 90 days)	21.60%		21.60%		NA
Preferred Number Service	21.60%		21.60%		NA
Second Line Control	21.60%		21.60%		NA

SBC KANAS/XSPEDIUS COMMUNICATIONS

RESALE	RESALE DISCOUNT		Nonrecurring First		Nonrecurring Rate Additional Kansas
Selective Call Acceptance	21.60%		21.60%		NA
TouchTone	21.60%		21.60%		NA
Voice Dial	21.60%		21.60%		NA
Warm Line	21.60%		21.60%		NA
OTHER (Resale)					
DIRECTORY ASSISTANCE SERVICES	21.60%		21.60%		NA
Nationwide Listing Services (NLS)	21.60%		21.60%		NA
TOLL					
900 Call Restriction	21.60%		21.60%		NA
Home 800sm	21.60%		21.60%		NA
IntraLATA MTS	21.60%		21.60%		NA
OPTIONAL TOLL CALLING PLANS					
1+ SAVERsm	21.60%		21.60%		NA
1+Saver Direct	21.60%		21.60%		NA
Optional Community Calling Service	21.60%		21.60%		NA
900 Call Restriction	21.60%		21.60%		NA
Access Services	0.00%		0.00%		NA
Additional Directory Listings	21.60%		21.60%		NA
Bill Plus	5.00%		5.00%		NA
Company Initiated Suspension Service	0.00%		0.00%		NA
Connections with Terminal Equipment and Communications Equipment	0.00%		0.00%		NA
Consolidated Billing	5.00%		5.00%		NA
Construction Charges	0.00%		0.00%		NA
Customer Initiated Suspension Service	0.00%		0.00%		NA
Exchange Connection Service	0.00%		0.00%		NA
Information Delivery Service	0.00%		0.00%		NA
Intellinumber	21.60%		21.60%		NA
IntraLATA Internet Access Plan	0.00%		0.00%		NA
Maintenance of Service Charges	0.00%		0.00%		NA
Prepaid Calling Cards	21.60%		21.60%		NA
Shared Tenant Service	0.00%		0.00%		NA
Shared Use Service	0.00%		0.00%		NA
Telecommunications Service Priority Systems	0.00%		0.00%		NA
TeleKansas	0.00%		0.00%		NA
Toll Billing Exception (Billed Number Screen)	21.60%		21.60%		NA
Toll Restriction	21.60%		21.60%		NA
Wireless Carrier Interconnection Services	0.00%		0.00%		NA

SBC KANAS/XSPEDIUS COMMUNICATIONS

RESALE	RESALE DISCOUNT		Nonrecurring First		Nonrecurring Rate Additional Kansas
Electronic Billing Information Data (daily usage) per message	0.003	*	NA		NA
Local disconnect Report (LDR) Per WTN	0.10	*	NA		NA
Conversion Charges below based upon Docket 97-SCCC-149-GIT					
Simple conversion charge per billable number-manual	NA		11.25		NA
Simple conversion charge per billable number-electronic	NA		2.35		NA
Complex conversion charge per billable number-manual	NA		11.25		NA
Complex conversion charge per billable number-electronic			2.35		NA
OS/DA					
Branding - Resellers					
- Initial Load	NA		$ 1,800.00		NA
- Subsequent Load	NA		$ 1,800.00		NA
- Per Call	$ 0.0250	*	NA		NA
External Rater - Resellers					
- Initial Load	NA		$ 2,200.00		NA
- Subsequent Load	NA		$ 1,000.00		NA
RESALE --Tiered Rate Structure					
	SBC RECURRING		SBC NON-REC.		
Business	RESALE DISCOUNTS				
LOCAL EXCHANGE SERVICE	RECURRING		NON-RECURRING		
Business 1 Party	19.50%		19.50%		NA
Business - Multi-Line	19.50%		19.50%		NA
Business Message Rate 1-Party	19.50%		19.50%		NA
Customer Operated Pay Telephone Service	19.50%		19.50%		NA
Line Amplifier	19.50%		19.50%		NA
Public Response Calling Service	19.50%		19.50%		NA
Telephone Answering and Secretarial Service	19.50%		19.50%		NA
Service Connections, Move and Changes	19.50%		19.50%		NA

SBC KANAS/XSPEDIUS COMMUNICATIONS

RESALE	RESALE DISCOUNT		Nonrecurring First		Nonrecurring Rate Additional Kansas
EXPANDED LOCAL CALLING					
Mandatory Extend Local Calling	19.50%		19.50%		NA
Basehor Optional Calling Area	19.50%		19.50%		NA
MetroPlus	19.50%		19.50%		NA
VERTICAL SERVICES					
Auto Redial	30.50%		30.50%		NA
Call Blocker	30.50%		30.50%		NA
Call Forwarding	30.50%		30.50%		NA
Call Forwarding - Busy Line	30.50%		30.50%		NA
Call Forwarding - Busy Line/Don't Answer	30.50%		30.50%		NA
Call Forwarding - Don't Answer	30.50%		30.50%		NA
Call Return	30.50%		30.50%		NA
Call Trace	30.50%		30.50%		NA
Call Waiting	30.50%		30.50%		NA
Calling Name	30.50%		30.50%		NA
Calling Number	30.50%		30.50%		NA
Personalized Ring (1 dependent number)	30.50%		30.50%		NA
Personalized Ring (2 dependent numbers - 1st number)	30.50%		30.50%		NA
Personalized Ring (2 dependent numbers - 2nd number)	30.50%		30.50%		NA
Priority Call	30.50%		30.50%		NA
Remote Access to Call Forwarding	30.50%		30.50%		NA
Selective Call Forwarding	30.50%		30.50%		NA
Simultaneous Call Forwarding	30.50%		30.50%		NA
Speed Calling	30.50%		30.50%		NA
Three Way Calling	30.50%		30.50%		NA
DID					
DID (First Block of 100 - Category 1)	19.50%		19.50%		NA
DID (First Block of 10 - Category 1)	19.50%		19.50%		NA
DID (Ea. adl. block of 10 after first 10 - Category 1)	19.50%		19.50%		NA
DID (Ea. adl. block of 100 after first 100 - Category 2)	19.50%		19.50%		NA
DID (Ea. adl. block of 10 assigned over 1st 100 - Category 2)	19.50%		19.50%		NA
DID (with Multifrequency)	19.50%		19.50%		NA
DID (with Dual-Tone Multifrequency)	19.50%		19.50%		NA
DID (1st 10 Trunks or access lines)	19.50%		19.50%		NA
DID (11th thru 50th trunk or network access line)	19.50%		19.50%		NA
DID (51st trunk or network access line)	19.50%		19.50%		NA

SBC KANAS/XSPEDIUS COMMUNICATIONS

RESALE	RESALE DISCOUNT		Nonrecurring First		Nonrecurring Rate Additional Kansas
TRUNKS					
Analog Trunks	19.50%		19.50%		NA
Hotel/Motel Trunks	19.50%		19.50%		NA
Digital Trunks	19.50%		19.50%		NA
AIN					
Area Wide Networking	19.50%		19.50%		NA
Caller Intellidata	19.50%		19.50%		NA
Disaster Routing Service	19.50%		19.50%		NA
Intelligent Redirectsm	19.50%		19.50%		NA
Positive ID	19.50%		19.50%		NA
OTHER					
Bundled Telecommunications Services (e.g., the Works)	19.5%, 30.5%,17.0%		19.5%, 30.5%,17.0%		NA
Busy Out Arrangements	19.50%		19.50%		NA
Conference Telephone Service	19.50%		19.50%		NA
Customer Alerting Enablement	19.50%		19.50%		NA
Grandfathered Services	19.50%		19.50%		NA
Hot Line	19.50%		19.50%		NA
Hunting	19.50%		19.50%		NA
Improved Data Transmission	19.50%		19.50%		NA
Intercept Referral Service	19.50%		19.50%		NA
Local Operator Assistance Service	19.50%		19.50%		NA
Night Number associated with Telephone Number	19.50%		19.50%		NA
Night Number associated with a Terminal	19.50%		19.50%		NA
Promotions (Greater than 90 days)	19.50%		19.50%		NA
Preferred Number Service	19.50%		19.50%		NA
Second Line Control	19.50%		19.50%		NA
Selective Call Acceptance	19.50%		19.50%		NA
Telebranch®	19.50%		19.50%		NA
TouchTone	19.50%		19.50%		NA
Voice Dial	19.50%		19.50%		NA
Warm Line	19.50%		19.50%		NA
ISDN					
Digiline	19.50%		19.50%		NA
Select Video Plus®	19.50%		19.50%		NA
Smart Trunksm	19.50%		19.50%		NA
TOLL					
IntraLATA MTS	17.00%		17.00%		NA
MaxiMizer 800®	17.00%		17.00%		NA
OutWATS	17.00%		17.00%		NA
800 Service	17.00%		17.00%		NA
OPTIONAL TOLL CALLING PLANS					

SBC KANAS/XSPEDIUS COMMUNICATIONS

RESALE	RESALE DISCOUNT		Nonrecurring First		Nonrecurring Rate Additional Kansas
1+ SAVERsm	17.00%		17.00%		NA
1+Saver Direct	17.00%		17.00%		NA
Optional Community Calling Service	17.00%		17.00%		NA
PLEXAR®					
Plexar I®	19.50%		19.50%		NA
Plexar II®	19.50%		19.50%		NA
Plexar Custom®	19.50%		19.50%		NA
PRIVATE LINE					
Analog Private Lines	19.50%		19.50%		NA
Announcement Distribution Services	19.50%		19.50%		NA
Foreign Exchange Service	19.50%		19.50%		NA
Foreign Serving Office	19.50%		19.50%		NA
Frame Relay	19.50%		19.50%		NA
Group Alerting Services	19.50%		19.50%		NA
MicroLink I®	19.50%		19.50%		NA
MicroLink II®	19.50%		19.50%		NA
MultiPoint Video	19.50%		19.50%		NA
Network Reconfiguration Service	19.50%		19.50%		NA
Public Response Calling Service	19.50%		19.50%		NA
Service Loop Facility Modification Service	19.50%		19.50%		NA
	RESALE DISCOUNTS				
Residence	RECURRING		NON-RECURRING		
LOCAL EXCHANGE SERVICE					
Life Line and Link Up America Services	19.50%		19.50%		NA
Residence 1 Party	19.50%		19.50%		NA
Residence Measured	19.50%		19.50%		NA
Residence Flat Rate Trunks	19.50%		19.50%		NA
Urban Mileage	19.50%		19.50%		NA
Service Connections, Move and Changes	19.50%		19.50%		NA
EXPANDED LOCAL CALLING					
Mandatory Extend Local Calling	19.50%		19.50%		NA
Basehor Optional Calling Area	19.50%		19.50%		NA
MetroPlus	19.50%		19.50%		NA
VERTICAL SERVICES					
Auto Redial	30.50%		30.50%		NA
Call Blocker	30.50%		30.50%		NA
Call Forwarding	30.50%		30.50%		NA
Call Forwarding - Busy Line	30.50%		30.50%		NA

SBC KANAS/XSPEDIUS COMMUNICATIONS

RESALE	RESALE DISCOUNT		Nonrecurring First		Nonrecurring Rate Additional Kansas
Call Forwarding - Busy Line/Don't Answer	30.50%		30.50%		NA
Call Forwarding - Don't Answer	30.50%		30.50%		NA
Call Return	30.50%		30.50%		NA
Call Trace	30.50%		30.50%		NA
Call Waiting	30.50%		30.50%		NA
Calling Name	30.50%		30.50%		NA
Calling Number	30.50%		30.50%		NA
Personalized Ring (1 dependent number)	30.50%		30.50%		NA
Personalized Ring (2 dependent numbers - 1st number)	30.50%		30.50%		NA
Personalized Ring (2 dependent numbers - 2nd number)	30.50%		30.50%		NA
Priority Call	30.50%		30.50%		NA
Remote Access to Call Forwarding	30.50%		30.50%		NA
Selective Call Forwarding	30.50%		30.50%		NA
Simultaneous Call Forwarding	30.50%		30.50%		NA
Speed Calling	30.50%		30.50%		NA
Three Way Calling	30.50%		30.50%		NA
ISDN					
Digiline	19.50%		19.50%		NA
OTHER					
Bundled Telecommunications Services (e.g., the Works)	19.5%, 30.5%,17.0%		19.5%, 30.5%,17.0%		NA
Conference Telephone Service	19.50%		19.50%		NA
Customer Alering Enablement	19.50%		19.50%		NA
Grandfathered Services	19.50%		19.50%		NA
Hot Line	19.50%		19.50%		NA
Improved Data Transmission	19.50%		19.50%		NA
Intercept Services	19.50%		19.50%		NA
Local Operator Assistance Service	19.50%		19.50%		NA
Promotions (Greater than 90 days)	19.50%		19.50%		NA
Preferred Number Service	19.50%		19.50%		NA
Second Line Control	19.50%		19.50%		NA
Selective Call Acceptance	19.50%		19.50%		NA
TouchTone	19.50%		19.50%		NA
Voice Dial	19.50%		19.50%		NA
Warm Line	19.50%		19.50%		NA
OTHER (Resale)					
DIRECTORY ASSISTANCE SERVICES	19.50%		19.50%		NA
Nationwide Listing Services (NLS)	19.50%		19.50%		NA
TOLL					
900 Call Restriction	17.00%		17.00%		NA

SBC KANAS/XSPEDIUS COMMUNICATIONS

RESALE	RESALE DISCOUNT		Nonrecurring First		Nonrecurring Rate Additional Kansas
Home 800sm	17.00%		17.00%		NA
IntraLATA MTS	17.00%		17.00%		NA
OPTIONAL TOLL CALLING PLANS					
1+ SAVERsm	17.00%		17.00%		NA
1+Saver Direct	17.00%		17.00%		NA
Optional Community Calling Service	17.00%		17.00%		NA
900 Call Restriction	19.50%		19.50%		NA
Access Services	0.00%		0.00%		NA
Additional Directory Listings	19.50%		19.50%		NA
Bill Plus	5.00%		5.00%		NA
Company Initiated Suspension Service	0.00%		0.00%		NA
Connections with Terminal Equipment and Communications Equipment	0.00%		0.00%		NA
Consolidated Billing	5.00%		5.00%		NA
Construction Charges	0.00%		0.00%		NA
Customer Initiated Suspension Service	0.00%		0.00%		NA
Exchange Connection Service	0.00%		0.00%		NA
Information Delivery Service	0.00%		0.00%		NA
Intellinumber	19.50%		19.50%		NA
IntraLATA Internet Access Plan	0.00%		0.00%		NA
Maintenance of Service Charges	0.00%		0.00%		NA
Prepaid Calling Cards	17.00%		17.00%		NA
Shared Tenant Service	0.00%		0.00%		NA
Shared Use Service	0.00%		0.00%		NA
Telecommunications Service Priority Systems	0.00%		0.00%		NA
TeleKansas	0.00%		0.00%		NA
Toll Billing Exception (Billed Number Screen)	19.50%		19.50%		NA
Toll Restriction	19.50%		19.50%		NA
Wireless Carrier Interconnection Services	0.00%		0.00%		NA
Electronic Billing Information Data (daily usage) per message	$ 0.003	*	NA		NA
Local disconnect Report (LDR) Per WTN	$ 0.10	*	NA		NA
Conversion Charges below based upon Docket 97-SCCC-149-GIT					
Simple conversion charge per billable number-manual	NA		$ 11.25		NA

SBC KANAS/XSPEDIUS COMMUNICATIONS

RESALE	RESALE DISCOUNT		Nonrecurring First		Nonrecurring Rate Additional Kansas
Simple conversion charge per billable number-electronic	NA		$ 2.35		NA
Complex conversion charge per billable number-manual	NA		$ 11.25		NA
Complex conversion charge per billable number-electronic			$ 2.35		NA
OS/DA					
Branding - Resellers					
- Initial Load	NA		$ 1,800.00		NA
- Subsequent Load	NA		$ 1,800.00		NA
- Per Call	$ 0.0250	*	NA		NA
External Rater - Resellers					
- Initial Load	NA		$ 2,200.00		NA
- Subsequent Load	NA		$ 1,000.00		NA

APPENDIX CUSTOMIZED ROUTING-RESALE

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

1.0 CUSTOMIZED ROUTING OF CLEC DIRECTORY ASSISTANCE AND OPERATOR SERVICES

1.1 Where CLEC purchases Resale services, and elects to provide Directory Assistance and Operator Services to its customers through its own Directory Assistance and Operator Services platforms, SBC KANSAS will provide the functionality and features required to route all calls from CLEC customers for Directory Assistance and Operator Services calls (1+411, 0+411, 0- and 0+ Local) to the CLEC designated trunks for the provision of CLEC Directory Assistance and Operator Services, in accordance with Section 1.2 of this Appendix.

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

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

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

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

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

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

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

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

2.0 OPERATOR SERVICES BUSY LINE VERIFICATION/EMERGENCY INTERRUPT

2.1 SBC KANSAS will provide access to Operator Services Busy Line Verification/Emergency Interrupt (BLV/EI) for Resale services. Such access will be performed by the SBC KANSAS operator upon receipt of a request from a CLEC operator. SBC KANSAS will meet the same performance results for CLEC customer requests as it does for SBC KANSAS customer requests and will size the trunk groups required to perform this function in accordance with the volume demands. SBC KANSAS will provide to CLEC performance reports for the BLV/EI access and success rates on a quarterly basis for the next 12 months from the date of

the Agreement or as mutually agreed to between the Parties. CLEC acknowledges that SBC KANSAS will not be able to separate CLEC and SBC KANSAS results.

3.0 RATES

3.1 The prices, terms and conditions for the provision of customized routing are contained in the Appendix Pricing, Schedule of Prices.

APPENDIX DA-RESALE

SBC KANSAS-PROVIDED DIRECTORY ASSISTANCE SERVICE

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

1.0 SERVICE

1.1 DA Service consists of providing subscriber listing information (name, address, and published or Non-List telephone number or an indication of non-published status) to CLEC's customers who call DA according to current SBC KANSAS methods and practices or as subsequently modified, for the home NPA and/or local/intraLATA serving area, where available, to CLEC's retail end users who dial 411, 1/0+411, 555-1212, 1/0+555-1212 or 1/0+NPA-555-1212 or other dialing arrangement.

1.2 Directory Assistance Call Completion (DACC) service consists of SBC KANSAS completing a call to the requested number on behalf of CLEC's end user, utilizing the Interactive Voice System (IVS) or having the operator complete the call. SBC KANSAS will provide DACC to CLEC's customers for local and intrastate intraLATA calls. In the event and to the extent that SBC KANSAS provides DACC service to its own customers for interstate intraLATA calls, it will provide such service to CLEC's customers.

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

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

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

2.2 Directory Assistance Call Completion (DACC) [Sometimes also known as "Express Call Completion" (ECC)]. A service in which a local or an intraLATA call to the requested number is completed on behalf of the DA end user, utilizing an automated voice system or with operator assistance.

2.3 National Directory Assistance (NDA). A service whereby callers may request directory assistance information outside their LATA or Home NPA for a listed telephone number for residential, business and government accounts throughout the 50 states.

2.4 Reverse Directory Assistance (RDA). An Information Service consisting of providing listed local and national name and address information associated with a telephone number provided by the individual originating the call.

2.5 Business Category Search (BCS). A service in which the end user may request business telephone number listings for a specified category of business, when the name of the business is not known. Telephone numbers may be requested for local and national businesses.

2.6 Emergency Nonpub Number Request. A service in which, in the event of an emergency request by a calling party, a Directory Assistance Operator will attempt to reach a nonpublished end user with the calling party's name and number, and a short message about the nature of the emergency, without releasing the nonpublished end user's telephone number to the calling party.

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

2.8 Non-Published Number. A telephone number that, at the request of the telephone subscriber, is neither published in a telephone directory nor provided by a SBC KANSAS DA Operator.

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

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

2.11 IntraLATA Foreign NPA (FNPA). Where a single LATA includes two Numbering Plan Areas (NPAs). FNPA DA calls may be classified as interstate intraLATA or intrastate intraLATA DA calls.

3.0 CALL BRANDING AND QUOTATION OF CLEC DA RATE INFORMATION

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

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

4.0 RESPONSIBILITIES OF SBC KANSAS

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

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

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

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

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

5.0 PRICING

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

6.0 LIABILITY

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

7.0 TERM OF APPENDIX

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

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

APPENDIX OS-RESALE

SBC KANSAS-PROVIDED LOCAL & INTRALATA OPERATOR ASSISTANCE SERVICES

This Appendix OS-Resale to Attachment 1: Resale sets forth the terms and conditions under which SBC KANSAS agrees to provide local and intraLATA operator services (Operator Services) for CLEC, but only upon CLEC's request therefore. This Appendix applies only to operator assistance services provided within a LATA.

1.0 SBC KANSAS WILL PROVIDE THE FOLLOWING THREE TIERS OF OPERATOR SERVICES:

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

1.2 Semi-Automated - Allows the caller to complete a call by receiving partial assistance from an Operator or when AABS cannot be activated due to equipment limitations.

1.3 Non-Automated - Allows the caller to complete a call by receiving full assistance from an Operator.

2.0 SBC KANSAS WILL PROVIDE TO CLEC THE CALL TYPES IN SECTIONS 3.0 THROUGH 8.0 BELOW:

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

3.1 The caller identifies himself or herself as disabled and gives the Operator the number to which the call is to be billed (either collect or third number).

3.2 When due to trouble on the network or lack of service components, the automated call cannot be completed without assistance from an Operator.

3.3 When an Operator reestablishes an interrupted call that meets any of the situations described in this Section.

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

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

4.1 Where the caller does not dial 0 prior to calling the number desired from a public or semi-public telephone, or from a telephone where the call is routed directly to an Operator (excluding calling card calls).

4.2 When an Operator re-establishes an interrupted call that meets any of the situations described in this Section.

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

5.1 Where the caller does not dial a 0 prior to dialing the number from a public or semi-public telephone, or where the call is routed directly to an Operator.

5.2 When an operator reestablishes an interrupted call that meets any of the situations described in this Section.

6.0 OPERATOR HANDLED STATION-TO-STATION - A service provided when the caller dials 0 to reach an Operator, and the Operator dials a sent paid, collect or third number station-to-station call. These calls may originate from a private, public or semi-public telephone. The service may also include when an Operator reestablishes an interrupted call as described in this Section.

7.0 OPERATOR HANDLED PERSON-TO-PERSON - A service in which the caller dials 0 and requests the Operator to dial the number desired and the person, station, department or office to be reached. The call remains a person-to-person call even if the caller agrees, after the connection is established, to speak to any party other than the party previously specified. The service may also include when an Operator reestablishes an interrupted call as described in this Section.

8.0 OPERATOR TRANSFER SERVICE - A service in which the caller dials 0 and requests to be connected to an interexchange carrier using an Operator's assistance. At the caller's request, the Operator transfers the call to an interexchange carrier participating in SBC KANSAS' Operator Transfer service offering. CLEC agrees to obtain all necessary compensation arrangements between CLEC and participating carriers.

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

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

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

10.0 OTHER OPERATOR ASSISTANCE SERVICES

10.1 Line Status Verification - A service in which the caller asks the Operator to determine the busy status of an access line.

10.2 Busy Line Interrupt - A service in which the caller asks the Operator to interrupt a conversation in progress, to determine if one of the parties is willing to speak to the caller requesting the interrupt. A Busy Line Interrupt charge will apply even if no conversation is in progress at the time of interrupt or the parties interrupted refuse to terminate the conversation in progress.

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

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

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

11.0 RESPONSIBILITIES OF THE PARTIES

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

11.2 Facilities necessary for SBC KANSAS to provide Operator Services to CLEC will be provided by SBC KANSAS using standard trunk traffic engineering procedures to ensure that the objective grade of service is met.

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

11.4 SBC KANSAS will accumulate and provide to CLEC data as specified in Attachments 4: Connectivity Billing-Resale and Attachment 5: Customer Usage Data-Resale to this Agreement as necessary for CLEC to verify traffic volumes and bill its end users.

12.0 METHODS AND PRACTICES

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

13.0 PRICING

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

14.0 LIABILITY

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

15.0 OPERATOR SERVICE (OS) REFERENCE/RATER INFORMATION

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

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

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

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

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

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

16.0 TERMS OF ATTACHMENT

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

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

APPENDIX WHITE PAGES (WP) – RESALE

This Appendix White Pages - Resale (WP-Resale) to Attachment 1: Resale, sets forth SBC KANSAS' and CLEC's agreement to the following terms and conditions for the inclusion of CLEC Customer information associated with Resale services in the White Pages directories:

1.0 INTRODUCTION

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

1.2 CLEC also desires distribution to CLEC's customers of the White Pages directories that include listings of such customers.

1.3 SBC KANSAS will make available to CLEC, for these CLEC customers, non-discriminatory access to White Pages directory listings (Directory Listings), as described in Section 2.0 of this Attachment.

2.0 SERVICE PROVIDED

2.1 SBC KANSAS will use the practices and procedures and the rules and regulations applicable to its provision of White Pages directories on a nondiscriminatory basis. SBC KANSAS will include in appropriate White Pages directories the primary alphabetical listings of all CLEC customers (other than non-published or non-list Customers) located within the local directory area. When CLEC provides its subscriber listing information to SBC KANSAS' listings database, CLEC will receive for its end user, one primary listing in SBC KANSAS' White Pages directory and a listing in SBC KANSAS' directory assistance database.

2.2 CLEC will furnish to SBC KANSAS subscriber listing information pertaining to CLEC customers located within the SBC KANSAS local directory area, along with such additional information as SBC KANSAS may require to prepare and print the alphabetical listings of said directory. SBC KANSAS will accept listing information from CLEC according to the manual and mechanized listing methods, procedures and ordering instructions provided via the CLEC Online website. CLEC agrees to submit listing information via the mechanized process within six (6) months of the effective date of this Attachment, or upon CLEC reaching a volume of two hundred (200) listing updates per day, whichever comes first. Notwithstanding the foregoing, CLEC may continue to manually submit directory listing information for complex caption sets with two (2) or greater degrees of indent. CLEC will submit listing information within three (3) Business Days of installation, disconnection or other change in service (including change of non-listed or non-published status) affecting the Directory Assistance database or the directory listing of a CLEC retail end users. SBC KANSAS shall process CLEC orders for updates to subscriber listing information within three (3) Business Days of receipt. CLEC must submit all listing information intended for publication by the directory close date. Both parties will use commercially reasonable efforts to ensure the accuracy of the submission and processing of the listing updates.

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

2.4 SBC KANSAS will provide, via the SBC CLEC Online web site, the directory listing criteria, methods, procedures and ordering information to CLEC for White Pages listings and will provide changes to such criteria not later than thirty (30) days in advance of such changes becoming effective. This information will include, but not be limited to:

2.4.1 Business rules for standard White Pages listings (e.g., space restrictions, non-listed and non-published listings, abbreviated listings, secondary, additional and foreign listings);

2.4.2 Business rules for residential Enhanced White Pages (e.g., bold, indent, italics) listings available.

2.5 Intentionally Left Blank

2.6 Publication schedules for the White Pages: CLEC can access via the SBC CLEC Online website, the directory close dates for areas where CLEC is providing local service. SBC KANSAS will provide directory schedule updates, including the directory schedule for a new calendar year, not later than thirty (30) calendar days prior such changes becoming effective.

2.7 CLEC's subscriber listings are to be interfiled (interspersed) with SBC KANSAS' and other LSPs' subscriber listings in the White Pages directory with no discernible differentiation in the listings to indicate to the reader that the listings are served by another LSP.

2.8 SBC KANSAS will deliver SBC KANSAS' White Pages directory to CLEC's end users at no charge in the same manner and at the same time that they are delivered to SBC KANSAS' subscribers during the annual delivery of newly published directories.

2.9 SBC KANSAS has no obligation to warehouse White Pages directories for CLEC or provide White Pages directories to CLEC's end users subsequent to the annual distribution of newly published directories. CLEC may arrange for additional directory distribution services with SBC KANSAS' directory publishing affiliate, pursuant to terms and conditions agreed to by the publisher and CLEC.

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

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

2.12 SBC KANSAS will provide electronic directory listing verification to CLEC through the Web Listing Lookup on the SBC CLEC Online website. Upon request, SBC KANSAS will provide daily electronic directory listing verification via SBC KANSAS' White Page listing systems at no charge to CLEC. Each report will reflect CLEC subscriber directory listings successfully processed on the previous workday. Information for directory listing verification is located on the SBC CLEC Online website.

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

2.14 In addition, at least sixty (60) calendar days prior to the business office close date for a particular directory, SBC KANSAS will provide CLEC, upon request, a CLEC specific directory listing verification list. This verification list shall contain only CLEC's end users and shall be in electronic delimited text format or equivalent format that may be electronically searched and sorted. CLEC will make its request for this verification list at least eighty (80) days prior to the Business Office Close Date for a particular directory. CLEC will review this electronic verification list and will submit any necessary additions, deletions or

modifications to SBC KANSAS via the appropriate directory listing correction process no less than thirty (30) days prior to the SBC KANSAS Business Office Close date for that directory, provided that SBC KANSAS made the electronic verification list available to CLEC in a timely manner as specified above.

3.0 OWNERSHIP AND USE OF SUBSCRIBER LISTING INFORMATION

3.1 Subscriber listing information for Resale services, maintained in SBC KANSAS' White Page database including listings of CLEC Customers, is and will remain the property of SBC KANSAS. SBC KANSAS may provide to Third Parties such subscriber listing information that includes CLEC Customers. Nothing in this Section is intended to preclude CLEC's independent development of subscriber listing information and provision of the same to Third Parties.

4.0 RATES

4.1 Rates associated with this Attachment are in the EXHIBIT B LIST OF SBC KANSAS' OTHER SERVICES AVAILABLE FOR RESALE and Appendix Pricing, Schedule of Prices.

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

ATTACHMENT 2: MANUAL ORDERING AND PROVISIONING - RESALE

1.0 GENERAL REQUIREMENTS

1.1 Except as provided in Attachment 27: Operations Support System (OSS) SBC KANSAS will provide pre-order, ordering and provisioning services for manually submitted orders, conversion orders and/or manual migration orders associated with SBC KANSAS' Resale services under the Agreement pursuant to the requirements set forth in this Attachment.

1.2 For all Resale services ordered and submitted manually under the Agreement, SBC KANSAS will provide pre-order, ordering and provisioning services in parity to the services SBC KANSAS provides to its customers.

1.3 SBC KANSAS will, and CLEC may, participate in the Order and Billing Forum (OBF) and the Telecommunications Industry Forum (TCIF) to establish and conform to uniform industry guidelines for manual processing of pre-order to use the most current version of SBC KANSAS' (LSPOR) and for, ordering and provisioning to utilize the pursuant to the most current version of SBC KANSAS' Local Service Pre-Ordering Requirements (LSOR).

1.4 Neither Party waives any of its rights as participants in such forums in the implementation of the standards.

1.5 SBC KANSAS agrees to provide, the pre-service ordering information (i.e., address verification, telephone number assignment, and Customer Service Record information (CSR) in English, USOC and FID format subject to the most current version of the Local Service Pre-Ordering Requirements (SBC KANSAS' LSPOR) and the terms and conditions as set forth in Attachment Resale.

1.6 Pre-order, Ordering and Provisioning requests for Manual Migration and/or Conversion of Resale Services provided by SBC KANSAS to the CLEC, where the CLEC is not utilizing an electronic OSS interface, will be transmitted via facsimile to the CLEC's Local Service Center (LSC). In coordinating conversions or migrations, SBC KANSAS' LSC will respond to the CLEC's calls with the same level of service in which SBC KANSAS provides to its local exchange Customers.

1.7 Each Party will provide a Single Point of Contact (SPOC) for all ordering, status inquiries or escalation contacts (via an 800# to that Party's LSC or equivalent) between 8:00 A.M. C.S.T. to 5:30 P.M., C.S.T., Monday through Friday (except holidays).

1.8 SBC KANSAS will respond to emergency requests for after hours provisioning via the Local Ordering Center (LOC), 24 hrs/day, 7 days a week. SBC KANSAS will provide ordering, provisioning and migration services for Resale services Monday through Friday from 8 a.m. to 5:30 p.m. through its LSC or LOC as applicable. CLEC may request, at least two business days prior to the requested availability or as otherwise mutually agreed, that SBC KANSAS provide Saturday, Sunday, holiday, and/or additional out-of-hours (other than Monday through Friday from 8 A.M. to 5:30 P.M.) ordering, provisioning and migration services. For each request SBC KANSAS will quote, within one (1) business day of the request, a cost-based rate for the number of hours and material estimated for such services. If CLEC accepts SBC KANSAS' quote, SBC KANSAS will perform such services to the Requesting Party in the same manner as it does for itself and will bill CLEC the Requesting Party for the actual hours worked and material used.

1.9 SBC KANSAS will provide CLEC with the same provisioning intervals and procedures for design and complex services that it provides to its customers end users.

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

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

1.12 SBC KANSAS will provide a subset of the Street Address Guide (SAG), which includes street addresses and the associated serving switches, enabling CLEC to map a customer address to a specific serving switch via CDROM, its website or other mutually agreed upon methods.

1.13 Each Party will train its employees who have contact with the other Party or any other LSP not to discriminate or disparage against any LSP or LSP customer, including the Parties to this Agreement.

1.14 SBC will, and CLEC may, participate in the CLEC User Forum to share issues and address concerns regarding processes which impact the Parties. The CLEC User Forum is the primary process for each Party to address non-OSS issues that impact the daily business practices of multiple LECs. The Account Manager is the primary contact for each Party to address non-OSS issues that impact the daily business practices for a specified LEC.

1.15 SBC KANSAS and CLEC will work cooperatively regarding fraud and service annoyance call handling.

1.16 All misdirected calls from CLEC's customers will be given a recording (or a live statement) directing them to call their local provider. To the extent procedures change such that CLEC customers become identifiable, such customer swill be directed to call CLEC at a designated 800 number. CLEC and SBC KANSAS will agree on the scripts to be used for this purpose.

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

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

2.0 PRE-ORDER AND ORDERING REQUIREMENTS

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

2.2 Absent KS-CC ruling on migration activity. For migration activity, in response to a CLEC's CSR (Customer Service Request) SBC KANSAS will provide end user information, including end user name, billing address and residence or business address, billed telephone numbers and features and services available in the end office where the end user is provisioned. Also, SBC KANSAS will:

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

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

2.2.3 Perform address verification;

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

2.2.5 Provide service availability dates to the customer;

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

2.2.7 Provide PIC options for intraLATA toll and interLATA toll.

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

3.0 ORDERING REQUIREMENTS

3.1 Pursuant to Attachment 1 Resale and upon CLEC's request through a non-vacation Suspend/Restore order, SBC KANSAS will suspend or restore the functionality of any applicable Resale service, where technically feasible and in parity with SBC KANSAS' customers.

3.2 For the purposes of CLEC's ordering service furnished under this Attachment, each request for new service (that is, service not currently being provided to the Customer on the SBC KANSAS without regard to the identity of that customer's non-facilities based local service provider of record) shall be handled as a separate initial request for service and shall be charged per billable telephone number. Applicable service order charges and/or non-recurring charges associated with said new service will be applied as set forth in Appendix Pricing, Schedule of Prices.

3.3 Where available, the tariff retail additional line rate for Service Order Charges shall apply only to those requests for additional residential service to be provided at the same customer premises to which a residential line is currently provided on SBC KANSAS' network, without regard to the identity of that Customer's non-facilities based local service provider of record.

3.4 When a CLEC Customer converts existing service to another local service provider's resold service of the same type without any additions or changes (including any change to the PIC and/or LPIC), charges for such conversion will apply as set forth in the Pricing Schedule and are applied per billable telephone number.

3.5 SBC KANSAS will provide to CLEC the functionality of blocking calls (e.g., 900, 976, international calls, and third party or collect calls) by line or trunk on an individual switching element basis, to the extent that SBC KANSAS provides such blocking capabilities to its customer sand to the extent required by law.

3.6 When ordering a Resale service, CLEC may order from SBC KANSAS separate interLATA and intraLATA service providers (i.e., two PICs, when available) on a line or trunk basis and agrees to pay the applicable charges associated with such order as discussed in Attachment 1, Resale. SBC KANSAS will accept PIC change orders for intraLATA toll and long distance services.

3.7 When CLEC submits migration orders for a Resale service, all pre- assigned trunk or telephone numbers currently associated with that service will be retained without loss of switch feature capability and without loss of associated Ancillary Functions, including, but not limited to, Directory Assistance and E911 capability. To the extent such losses occur, the Parties will work cooperatively to resolve such occurrence(s).

3.8 When SBC KANSAS converts a CLEC customer's existing service and additions or changes are made to the service at the time of the conversion, the normal service order charges and/or non-recurring charges associated with said additions and/or changes, including changes to PIC and LPIC, will be applied in addition to the conversion charge. CLEC will receive a wholesale discount on all non-recurring service order charges for the services listed in Pricing Schedule; no wholesale discount is available for the non-recurring service order charges for those services listed in Pricing Schedule under the heading "OTHER (Resale)."

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

3.10 SBC KANSAS will update the E911 service provider information and establish directory listings, including all information appropriate for residential or business listings and foreign listings, from CLEC's service order. SBC KANSAS will use a mechanized process to ensure that SBC KANSAS' directory listing, 911 and LIDB information for the customer is not deleted during the process of converting that customer to resold service provided by a CLEC.

4.0 PROVISIONING REQUIREMENTS

4.1 Except in the event of the migration of a customer's service, only the provider of record can make changes to that customer's service.

4.2 Upon request from CLEC, SBC KANSAS will provide an intercept referral message that includes any new telephone number of a CLEC customer for the same period of time that SBC KANSAS provides such messages for its own customers. CLEC and SBC KANSAS will agree on the message to be used, which will be similar in format to the intercept referral message currently provided by SBC KANSAS for its own customers.

4.3 SBC KANSAS will provide CLEC with a Firm Order Confirmation (FOC) for each order (multiple Working Telephone Numbers (WTNs) may be included on one order). The FOC will contain but is not necessarily limited to: purchase order number, telephone number, Local Service Request number, Due Date (DD), Service Order number.

4.4 Upon work completion, SBC KANSAS will provide CLEC an SOC (Service Order Completion) notice via facsimile or other mutually agreed upon method.

4.5 Where available, SBC KANSAS will perform pre-testing for support of Complex Resale Services and will, upon request, provide all test and turn up results in support of said pre-testing via facsimile or as mutually agreed upon by the Parties.

4.6 As soon as identified, SBC KANSAS will provide CLEC any reject error notifications via facsimile or other method agreed upon by the Parties.

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

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

4.9 SBC KANSAS technicians will direct CLEC customer to contact their local service provider if a CLEC customer requests a change in service at the time of installation.

4.10 SBC KANSAS will provide via facsimile or as otherwise agreed upon by the Parties, notification of any additional charges, including but not limited to, labor, expedited charges, engineering and proprietary requests associated with a given service. SBC KANSAS will provide via facsimile, or as otherwise agreed upon by the Parties, notification of any additional charges associated with a given service including required construction charges for a given service. When construction is involved, SBC KANSAS will obtain the CLEC's approval prior to commencing construction under a CLEC's order for such service. Rates associated with this Section will be applied in parity to SBC KANSAS' Resale tariffs, or as mutually agreed to by the Parties.

5.0 ORDER FORMAT AND DATA ELEMENTS FOR RESALE SERVICE

5.1 When ordering Resale services, CLEC will use SBC KANSAS' most current version of the LSOR.

5.2 Order format specifications for all migration and/or conversion of Resale services available to be ordered and all end user data required will be made available by SBC KANSAS to the CLEC, pursuant to SBC KANSAS' most current version of the SBC KANSAS LSOR, which will be made available via the SBC KANSAS website or as otherwise mutually agreed upon by the Parties.

5.3 Appropriate ordering and provisioning codes to be used for each Resale services available to be ordered will be made available by SBC KANSAS to CLEC, pursuant to the SBC KANSAS' most current version of the SBC KANSAS LSOR, which will be made available via the SBC KANSAS website or as otherwise mutually agreed upon by the Parties.

6.0 ORDER DUE DATE

6.1 When CLEC places an order, SBC KANSAS will specify a Desired Due Date (DDD) and SBC KANSAS will specify a due date (DD) based on the available intervals. In the event SBC KANSAS DD is less than the standard interval, the service order will be assigned a DD using the applicable interval. Rates associated with a change in an order DD are identified in the Appendix Pricing, Schedule of Prices.

6.2 If expedited service is requested, CLEC will populate the Expedite and Expedite Reason on the request. SBC KANSAS will contact the CLEC and the Parties will jointly negotiate an expedited DD. This situation will be considered an expedited order. Rates for expedited DDs and changes to the expedited DDs will apply as reflected in SBC KANSAS' Appendix Pricing, Schedule of Prices labeled "Service Order Charges Unbundled Element Expedited." SBC KANSAS will not complete the order prior to the DD or later that the DD unless authorized by the CLEC.

7.0 INTENTIONALLY LEFT BLANK

8.0 CHARGING FOR PROCESSING OF REQUESTS FOR RESOLD SERVICES

8.1 When a CLEC customer) subscribes to resold service, recurring charges for the service shall apply at the wholesale discount set forth in Appendix Pricing, Schedule of Prices. The tariff rates for such resold service shall continue to be subject to orders of the appropriate Commission.

8.2 When CLEC converts a customer's existing service and additions or changes are made to the service at the time of the conversion, the normal service order charges and/or non-recurring charges associated with said additions and/or changes, including changes to PIC and LPIC, will be applied in addition to the conversion charge. CLEC will receive a wholesale discount on all non-recurring service order charges for the services listed in Appendix Pricing, Schedule of Prices under the heading "Resale"; no wholesale discount is available for the non-recurring service order charges for those services listed in Pricing Schedule under the heading "OTHER (Resale)."

ATTACHMENT 3: MAINTENANCE - RESALE

1.0 GENERAL REQUIREMENTS

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

2.0 MAINTENANCE REQUIREMENTS

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

3.0 REPAIR SERVICE RESPONSE

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

4.0 INTERCOMPANY COMMUNICATIONS

4.1 SBC KANSAS Event Notification Process, a Network Event is any condition that occurs in the network that causes blocked calls associated with inter-office message traffic, managed by the Network Management Service Center ("NMSC") will utilize the CLEC's Network Management Center ("NMC") or other CLEC identified contacts listed in the "SBC13-STATE CLEC Profile" (Section 7, Contact Names) as the Single Point of Contact to notify CLEC of the existence, location, and source of all emergency network outages affecting a CLEC Customer. Notification will be sent via e-mail, as designated in the CLEC Profile. The CLEC Customer Network Service Center ("CNSC") or the CLEC NMC may call the SBC KANSAS Local Operation Center (LOC) in order to discuss scheduled activities that may impact CLEC Customers. For purposes of this subsection, an emergency network outage is defined as 5,000 or more blocked call attempts in a ten (10) minute period, in a single exchange.

5.0 EMERGENCY RESTORATION

5.1 SBC KANSAS NMSC will notify the CLEC via the Event Notification Process of activities involving the central office and inter-office network. Additionally, as cable cuts or failures are identified when the CLEC reports trouble to the LOC, the LOC will notify the affected CLEC.

5.1.1 Establishment of the SBC KANSAS LOC as the single point of contact to provide CLEC with information relating to the status of restoration efforts and problem resolution during the Resale services restoration process.

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

6.0 MISDIRECTED REPAIR CALLS

6.1 All misdirected repair calls to SBC KANSAS from CLEC customers will be given a recording (or live statement) directing them to call the number designated by CLEC. Scripts used by SBC KANSAS will refer CLEC customers (in both English and Spanish when available) to the CLEC 800 number in the CLEC CNSC. All calls to 611 in SBC KANSAS' territory will continue to receive a standardized vacant code announcement (i.e., a recording specifying the number dialed is not valid) for all customers. CLEC on a

reciprocal basis will refer all misdirected repair calls that CLEC receives for SBC KANSAS customers to a SBC KANSAS designated number.

7.0 REPAIR PROCEDURES

7.1 SBC KANSAS agrees to the following:

7.1.1 The SBC KANSAS LOC will be on-line and operational twenty-four (24) hours per day, seven (7) days per week. CLEC will provide a single point of contact (SPOC) for all of CLEC's maintenance applicable to this Agreement (via an 800 number) 24 hours per day, seven (7) days a week.

7.1.2 While in manual mode operation, SBC KANSAS will provide CLEC "estimated time to restore." Upon request, SBC KANSAS' LOC will provide CLEC status of missed repair commitments. When the trouble ticket commitment time occurs and the trouble ticket has not been closed, additional status will be provided at the CLEC's request. The original trouble commitment will not be changed due to possible loss of priority for that customer. All missed appointments (e.g., vendor meets) will be handled in the same way. See Attachment 27 OSS for any electronic processing. The status of all other tickets will be given to the CLEC CNSC through the fax of a daily log (faxed the next morning to CLEC CNSC by 8 a.m. Central Time Zone) or another agreed upon method and will include all "closed tickets" from the previous day (including No Access and closed troubles).

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

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

7.1.5 For purposes of this Section, a Resale service is considered restored or a trouble resolved when the quality of a Resale service is equal to that provided before the outage or the trouble occurred.

8.0 ESCALATION PROCEDURES

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

9.0 PREMISES VISIT PROCEDURES

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

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

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

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

10.0 DESIGNED AND/OR COMPLEX NEW CIRCUIT TESTING

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

11.0 MLT TESTING

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

ATTACHMENT 4: CONNECTIVITY BILLING - RESALE

1.0 GENERAL

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

2.0 BILLABLE INFORMATION AND CHARGES

2.1 In accordance with this Agreement, SBC KANSAS will bill those charges CLEC incurs as a result of CLEC purchasing Resale services from SBC KANSAS (hereinafter "Connectivity Charges"). Each bill for Connectivity Charges (hereinafter "Connectivity Bill") will be formatted in accordance with EDI for Resale services. CLEC will translate the EDI formatted bills to meet CABS/BOS specifications. SBC KANSAS will assist CLEC with EDI mapping. Each Billing Account Number (BAN) will be sufficient to enable CLEC to identify the Resale services ordered by CLEC to which Connectivity Charges apply. Each Connectivity Bill, including Auxiliary Service Information, will set forth the quantity and description of Resale services provided and billed to CLEC.

2.2 SBC KANSAS will provide CLEC a monthly Connectivity Bill that includes all Connectivity Charges incurred by and credits and/or adjustments due to CLEC for those Resale services ordered, established, utilized, discontinued or performed pursuant to this Agreement. Each Connectivity Bill, including Auxiliary Service Information, provided by SBC KANSAS to CLEC will include: (1) all non-usage sensitive charges incurred for the period beginning with the day after the current bill date and extending to, and including, the next bill date; (2) any known unbilled non-usage sensitive charges for prior periods; (3) unbilled usage sensitive charges for the period beginning with the last bill date and extending up to, but not including, the current bill date; (4) any known unbilled usage sensitive charges for prior periods; (5) any known unbilled adjustments; and (6) any Customer Service Record (CSR) for all flat-rated charges.

2.3 The Bill Date, as defined herein, must be present on each bill transmitted by SBC KANSAS to CLEC. Connectivity Bills will not be rendered for any Connectivity Charges which are incurred under this Agreement on or before one (1) year preceding the Bill Date.

2.4 Each Party will provide the other Party at no charge a contact person for the handling of any Connectivity Billing questions or problems that may arise during the implementation and performance of the terms and conditions of this Attachment 4: Connectivity Billing - Resale.

2.5 SBC KANSAS will assign to CLEC one Billing Account Number (BAN) per Regional Accounting Office (RAO) for consumer and one BAN per RAO for business.

3.0 ISSUANCE OF CONNECTIVITY BILLS - GENERAL

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

3.2 If CLEC requests an additional copy(ies) of a bill, CLEC will pay SBC KANSAS a reasonable fee per additional bill copy, unless such copy(ies) was requested due to errors, omissions, or corrections or the failure of the original transmission to comply with the specifications set forth in this Agreement.

3.3 To avoid transmission failures or the receipt of Connectivity Billing information that cannot be processed, the Parties will provide each other with their respective process specifications and edit requirements. CLEC will provide SBC KANSAS reasonable (within 24 hours) notice if a Connectivity Billing transmission is received that does not meet the specifications in this Attachment. Such transmission will be corrected and resubmitted to CLEC at SBC KANSAS' sole expense, in a form that can be processed. The payment due date for such resubmitted transmissions will be twenty (20) days from the date that the transmission is received in a form that can be processed and that meets the specifications set forth in this Attachment 4: Connectivity Billing - Resale.

4.0 ELECTRONIC TRANSMISSIONS

4.1 SBC KANSAS will electronically transmit Connectivity Billing information and data for Resale services in the appropriate EDI format via Connect: Direct as outlined in SBC KANSAS' Electronic Commerce Customer Guide dated May 1995, or as the Parties may otherwise agree. The Parties agree that a T1.5 or 56kb circuit to the gateway for Connect: Direct is required. If *SBC* KANSAS has an established Connect: Direct link with CLEC, that link can be used for data transmission if the location and applications are the same for the existing link. Otherwise, a new link for data transmission must be established. SBC KANSAS and CLEC will provide each other appropriate Connect: Direct Node IDs. Any change to either Party's Connect: Direct Node IDs must be sent to the other Party no later than twenty-one (21) calendar days before the change takes effect.

5.0 TAPE OR PAPER TRANSMISSIONS

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

TO CLEC:

Tape Transmissions via U.S. Mail:	CLEC Tape or Paper Person name, title CLEC Legal Name Address City, State, Zip
Tape Transmissions via Overnight Delivery:	CLEC Tape or Paper Person name, title CLEC Legal Name Address City, State, Zip
Paper Transmissions via U.S. Mail:	CLEC Tape or Paper Person name, title CLEC Legal Name Address City, State, Zip

Paper Transmissions via Overnight Delivery:	CLEC Tape or Paper Person name, title CLEC Legal Name Address City, State, Zip

The Parties will develop the format for paper or tape transmission as part of the implementation process.

6.0 TESTING REQUIREMENTS

6.1 At least ninety (90) days prior to SBC KANSAS sending CLEC a mechanized Connectivity Bill for the first time via electronic transmission, or tape, or at least 30 days prior to changing mechanized formats, SBC KANSAS will send to CLEC Connectivity Bill data in the appropriate mechanized format for testing to ensure that the bills can be processed and that the bills comply with the requirements of this Attachment 4: Connectivity Billing - Resale. The Parties will mutually agree to develop a testing process to ensure the accurate transmission of the Connectivity Bill. When SBC KANSAS meets mutually agreed testing specifications, SBC KANSAS may begin sending CLEC mechanized Connectivity Bills on the next Bill Date, or within ten (10) days, whichever is later.

7.0 ADDITIONAL REQUIREMENTS

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

a) The BAN shall not contain embedded spaces or low values;

b) The Bill Date shall not contain spaces or non-numeric values;

c) Each Connectivity Bill must contain at least one detail record;

d) Any "From" Date should be less than the associated "Thru" Date and neither date can contain spaces.

8.0 BILL ACCURACY CERTIFICATION

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

9.0 PAYMENT OF CHARGES

9.1 Payment shall be subject to the terms of the General Terms and Conditions of this Agreement.

10.0 EXAMINATION OF RECORDS

10.1 Without waiver of and in addition to the Audit rights in the General part of this Agreement, upon reasonable notice and at reasonable times, CLEC or its authorized representatives may examine SBC KANSAS' documents, systems, records and procedures which relate to the billing of the Connectivity Charges to CLEC under this Attachment 4: Connectivity Billing - Resale.

ATTACHMENT 5: PROVISION OF CUSTOMER USAGE DATA - RESALE

1.0 INTRODUCTION

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

2.0 GENERAL REQUIREMENTS FOR USAGE DATA

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

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

3.0 USAGE DATA SPECIFICATIONS

3.1 SBC KANSAS will provide usage data for CLEC Customers using SBC KANSAS provided Resale services. Usage Data includes, but is not limited to, the following categories of information:

a) Completed calls;
b) Use of CLASS/LASS/Custom Features;
c) Calls to Directory Assistance where SBC KANSAS provides such service to a CLEC customer;
d) Calls completed via SBC KANSAS - provided Operator Services where SBC KANSAS provides such service to CLEC's Local Service customer;
e) Station level detail for SBC KANSAS - provided PLEXAR® families of services;
f) Complete call detail and complete timing information for Resale services.

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

4.0 USAGE DATA FORMAT

4.1 SBC KANSAS will provide Usage Data in the Alliance for Telecommunications Industry Solutions (ATIS) Ordering and Billing Forum (OBF) Exchange Message Interface (EMI) format and by category, group and record type, as specified in the SBC Daily Usage File User's Guide or as otherwise mutually agreed to by the Parties.

4.2 SBC KANSAS will include the Working Telephone Number (WTN) of the call originator on each EMI call record, when available.

4.3 End user customer usage records and station level detail records will be in packs in accordance with EMI standards.

5.0 USAGE DATA REQUIREMENTS

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

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

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

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

5.5 SBC KANSAS will provide Usage Data to CLEC daily (normally Monday through Friday cycles). Holiday exceptions are listed in the SBC Daily Usage File User's Guide.

5.6 The IS Call Center can be contacted to respond to CLEC record transmission inquiries. Other Usage inquiries should be coordinated through Account Management. If written notification is not received within thirty (30) calendar days, SBC KANSAS shall have no further obligation to recover the data and shall have no further liability to the CLEC.

6.0 ALTERNATIVELY BILLED CALLS

6.1 Calls that are placed using the services of SBC KANSAS or another LEC or LSP and billed to a Resale service line of CLEC are called "Incollects". Calls that are placed using CLEC Resale service and billed to a SBC KANSAS line or other LEC or LSP are called "Outcollects".

6.2 Outcollects: SBC KANSAS will provide to CLEC the unrated message detail that originates from a CLEC subscriber line but which is billed to a telephone number other than the originating number (e.g., calling card, bill-to-third number, etc.) (Outcollects). SBC KANSAS will transmit such data to CLEC via the DUF on a daily basis. CLEC as the LSP will be deemed the earning company and will be responsible for rating the message at CLEC tariffed rates and CLEC will be responsible for providing the billing message detail to the billing company for end-user billing. CLEC will pay to SBC KANSAS a per message charge as specified in the Appendix Pricing, Schedule of Prices for SBC KANSAS' transmission of outcollect messages to CLEC. CLEC will be compensated by the billing company for the revenue it is due. In addition, CLEC will compensate SBC KANSAS for the receipt of the intraLATA toll message in accordance with Attachment 1: Resale of this Agreement.

6.3 Incollects: SBC KANSAS will provide the rated messages it receives from the CMDS1 network to CLEC for billing to CLEC's end-users associated with messages that originate from a number other than the billing number and that are billable to CLEC customers ("Incollects"). SBC KANSAS will transmit such data to CLEC via the DUF on a daily basis. SBC KANSAS will credit CLEC the Billing and Collection (B&C) fee, as specified in the Appendix Pricing, Schedule of Prices, per billed message for billing the incollects. CLEC will pay to SBC KANSAS a per message charge for SBC KANSAS' transmission of incollect messages to CLEC.

7.0 PRICING

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

ATTACHMENT 6: 251(C)(3) UNBUNDLED NETWORK ELEMENTS

1.0 INTRODUCTION

This Attachment 6: 251(c)(3) Unbundled Network Elements to the Agreement sets forth the Unbundled Network Elements that SBC KANSAS agrees to offer to CLEC. The specific terms and conditions that apply to the Unbundled Network Elements are described below. The price for each Network Element is set forth in Appendix Pricing - Unbundled Network Elements, attached hereto. The terms "Unbundled Network Elements" (with or without initial caps) and "UNEs" mean only such elements required to be unbundled under Section 251(c)(3) of the Act as determined by 251(c)(3) and effective FCC rules and associated 251(c)(3) and effective FCC and judicial orders.

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

1.2 251(c)(3) UNEs and Declassification

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

1.2.2 In this Attachment UNE and Agreement, the terms "Declassified" or "Declassification" mean the situation where SBC KANSAS is not required, or is no longer required, to provide a network element on an unbundled basis pursuant to Section 251(c)(3) of the Act as a result of the issuance of a finding by the FCC that requesting telecommunications carriers are not impaired without access to a particular network element on an unbundled basis.

1.2.3 Notwithstanding anything in this Agreement or in any Amendment and subject to the self-certification outlined by the FCC in paragraphs 233 and 234 of the TRRO as incorporated at Section 4.7.3 and 10.10.3 below,, SBC KANSAS shall have no obligation to provide, and CLEC is not entitled to obtain (or continue with) access to any network element on an unbundled basis at rates set under Section 252(d)(1), whether provided alone, or in combination with other UNEs or otherwise, once such network element has been or is Declassified or is otherwise no longer a 251(c)(3) UNE. The preceding includes without limitation that SBC KANSAS shall not be obligated to provide combinations (whether considered new, pre-existing or existing) involving SBC KANSAS network elements that do not constitute 251(c)(3) UNEs, or where such 251(c)(3) UNEs are not requested for permissible purposes.

2.0 GENERAL TERMS AND CONDITIONS

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

2.1.1 In order to access and use 251(c)(3) UNEs, CLEC must be a Telecommunications Carrier (Section 251(c)(3)), and must use the 251(c)(3) UNE(s) for the provision of a Telecommunications Service (Section 251(c)(3)). Together, these conditions are the "Statutory Conditions" for access to 251(c)(3) UNEs. Accordingly, CLEC hereby represents and warrants that it is a telecommunications carrier and that it will notify SBC KANSAS immediately in writing if it ceases to be a telecommunication carrier. Failure to so notify SBC KANSAS shall constitute a material breach of this Agreement.

2.1.1.1 Other conditions to accessing and using any 251(c)(3) UNE (whether on a stand-alone basis or in combination with other network elements or UNEs (251(c)(3) or otherwise) may be applicable under 251(c)(3) and effective FCC rules and associated 251(c)(3) and effective FCC and judicial orders and will also apply.

2.1.1.2 By way of example, CLEC may not access 251(c)(3) UNEs for the exclusive provision of mobile wireless services, or long distance services or interexchange services (telecommunications service between different stations in different exchange areas).

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

2.3 Intentionally Left Blank

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

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

2.5 Intentionally Left Blank

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

2.7 At CLEC's request, SBC KANSAS shall provide Unbundled Network Elements to CLEC in a manner required by law that allows CLEC to combine those Unbundled Network Elements to provide a telecommunications service. Subject to the provisions hereof and at CLEC's request, SBC KANSAS shall also provide CLEC with all pre-existing combinations of Unbundled Network Elements. Pre-existing combinations of Unbundled Network Elements consist of those sequences of Unbundled Network Elements that are actually connected in SBC KANSAS' network, and include those combinations that are actually connected but for which dial tone is not currently being provided.

2.8 Subject to the provisions hereof and upon CLEC request, SBC KANSAS shall meet its combining obligations involving 251(c)(3) UNEs as and to the extent required by FCC rules and orders, and *Verizon Comm. Inc. v. FCC*, 535 U.S. 467(May 13, 2002) ("*Verizon Comm. Inc.")* and, to the extent not inconsistent therewith, the rules and orders of relevant state Commission and any other Applicable Law. CLEC may combine any Unbundled Network Element with any other element, except as delineated in this agreement.

2.9 Any combining obligation is limited solely to combining of 251(c)(3) UNEs; accordingly, no other facilities, services or functionalities are subject to combining, including but not limited to facilities, services or functionalities that SBC might offer pursuant to Section 271 of the Act.

2.10 In the event that SBC KANSAS denies a request to perform the functions necessary to combine 251(c)(3) UNEs or to perform the functions necessary to combine 251(c)(3) UNEs with elements possessed by CLEC, SBC KANSAS shall provide written notice to CLEC of such denial and the basis thereof. Any dispute over such denial shall be addressed using the dispute resolution procedures applicable to this Agreement. In any dispute resolution proceeding, SBC KANSAS shall have the burden to prove that such denial meets one or more applicable standards for denial, including without limitation those under the FCC rules and orders, *Verizon Comm. Inc.* and the Agreement. SBC KANSAS will provide Unbundled Network Elements as outlined in this Attachment where facilities exist in SBC KANSAS' network at the time of CLEC's request. SBC KANSAS will modify its network as may be required by the Act to make facilities available to CLEC for Unbundled Network Element orders. If facilities are not available, CLEC may request the facilities via the Bona Fide Request process described below.

2.11 CLEC may use one or more Unbundled Network Elements to provide any technically feasible feature, function, or capability that such Unbundled Network Element(s) may provide.

2.12 SBC KANSAS will provide nondiscriminatory access to the unbundled Network Elements identified and provided for in this Attachment, including combinations of Unbundled Network Elements, subject to the

terms and conditions of this Attachment. CLEC is not required to own or control any of its own local exchange facilities before it can purchase or use Unbundled Network Elements identified in this Attachment to provide a telecommunications service under this Agreement. SBC KANSAS will allow CLEC to order each Unbundled Network Element individually or in combination with any other Unbundled Network Elements, pursuant to Attachment 27: OSS in order to permit CLEC to combine such Unbundled Network Elements with other Unbundled Network Elements obtained from SBC KANSAS or with network components provided by itself or by third parties to provide telecommunications services to its end user customers, provided that such combination is technically feasible and would not impair the ability of other carriers to obtain access to other Unbundled Network Elements or to interconnect with SBC KANSAS' network. Any request by CLEC for SBC KANSAS to provide a type of connection between Unbundled Network Elements that is not currently being utilized in the SBC KANSAS network and is not otherwise provided for under this Agreement will be made in accordance with the Bona Fide Request (BFR) process described in Section 37.

2.13 When CLEC orders Unbundled Network Elements in combination or the 251(c)(3) UNE portion of a Commingled Arrangement, and identifies to SBC KANSAS the type of telecommunications service it intends to deliver to its end user customer through that combination or the 251(c)(3) UNE portion of the Commingled Arrangement(e.g., POTS, ISDN), SBC KANSAS will provide the requested elements with all the functionality, and with at least the same quality of performance and operations systems support (ordering, provisioning, maintenance, billing and recording), that SBC KANSAS provides through its own network to its local exchange service customers receiving equivalent service, unless CLEC requests a lesser or greater quality of performance through the Bona Fide Request (BFR) process. Unbundled Network Element combinations provided to CLEC by SBC KANSAS will meet all performance criteria and measurements that SBC KANSAS achieves when providing equivalent end user service to its local exchange service customers (e.g., POTS, ISDN).

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

2.15 In the event that SBC KANSAS denies a request to perform the functions necessary to combine UNEs or to perform the functions necessary to combine UNEs with elements possessed by CLEC, SBC KANSAS shall provide written notice to CLEC of such denial and the basis thereof. Any dispute over such denial shall be addressed using the dispute resolution procedures applicable to this Agreement. In any dispute resolution proceeding, SBC KANSAS shall have the burden, to prove that such denial meets one or more applicable standards for denial, including without limitation those under any applicable FCC rules, and orders, *Verizon Comm. Inc.* and the Agreement, including Section 2.12 of this Attachment.

2.16 Intentionally Left Blank

2.17 Intentionally Left Blank

2.18 Conversion of Wholesale Services to UNEs

2.18.1 Where processes, including ordering and provisioning processes, for the conversion requested pursuant to this Agreement are not already in place, SBC KANSAS shall use existing ordering and provisioning processes already developed for other UNEs, if possible; if doing so is not possible, SBC KANSAS shall promptly determine what new processes are necessary and shall establish ordering processes as soon as

reasonably possible, but no later than the date on which this Agreement is approved by the Commission. SBC KANSAS shall make all reasonable efforts to ensure any new process comports with applicable industry ordering guidelines. SBC KANSAS will develop and implement processes, subject to any associated rates, terms and conditions applicable under Commission-approved tariffs or this interconnection agreement. The Parties will comply with any applicable Change Management guidelines; provided however, that compliance with such Change Management guidelines shall not delay CLEC's conversion request beyond the date on which this Agreement is approved.

2.18.2 Except as agreed to by the parties, SBC KANSAS shall not impose any untariffed termination charges, or any disconnect fees, re-connect fees, or charges associated with establishing a service for the first time, in connection with any conversion between a wholesale service or group of wholesale services and a UNE or combination of UNEs available under Section 251. Nothing in this Section 2.18.2 prohibits SBC KANSAS from imposing early termination charges otherwise applicable under the state or federal special access tariff to CLEC's termination of existing long-term contract(s) under which CLEC is obtaining a discount.

2.18.3 For UNE conversion orders for which SBC KANSAS has either a) not developed a process or b) developed a process that falls out for manual handling, SBC KANSAS will charge CLEC the Electronic Service Order (Flow Thru) Record Simple charge for processing CLEC's orders until such process has been developed and CLEC agrees to immediately use the electronic process. Then SBC KANSAS may charge the applicable service order charges and record change charges.

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

2.18.5 Intentionally Left Blank

2.18.6 Intentionally Left Blank

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

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

2.19 Commingling

2.19.1 "Commingling" means the connecting, attaching, or otherwise linking of a UNE, or a combination of UNEs, to one or more facilities or services that CLEC has obtained at wholesale from SBC KANSAS or the

combining of a UNE, or a combination of UNEs, with one or more such wholesale facilities or services. "Commingle" means the act of commingling.

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

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

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

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

2.19.4 In accordance with and subject to the provisions of this Section 2.19, any request for a Commingled Arrangement, that is not included on Exhibit A, by CLEC for SBC KANSAS to perform the functions necessary to Commingle (as well as requests where CLEC also wants SBC KANSAS to complete the actual Commingling), shall be made by CLEC in accordance with the bona fide request (BFR) process set forth in this Attachment.

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

2.19.4.2 Any CLEC request for a Commingled Arrangement not found on Exhibit A or the then-existing list of orderable Commingled Arrangements must be submitted via the bona fide request (BFR) process. In any such BFR, CLEC must designate among other things the UNE(s), combination of UNEs, and the facilities or services that CLEC has obtained at wholesale from SBC KANSAS sought to be Commingled and the needed location(s), the order in which such UNEs, such combinations of UNEs, and such facilities and services are to be Commingled, and how each connection (e.g., cross-connected) is to be made between them.

2.19.4.3 SBC KANSAS shall charge CLEC the non-recurring and recurring rates applicable to the UNE(s), facilities or services that CLEC has obtained at wholesale from SBC KANSAS. If any Commingling requested by CLEC requires physical work to be performed by SBC KANSAS, and if an existing charge applies to that work, SBC KANSAS shall so inform CLEC and, in such instance, SBC KANSAS shall charge CLEC. A fee shall be calculated using the Time and Material charges as reflected in Appendix Pricing. SBC KANSAS' Preliminary Analysis to the BFR shall include an estimate of such fee for the specified Commingling. With respect to a BFR in which CLEC requests SBC KANSAS to perform work not required by this Section 2.14.4, CLEC shall be charged a market-based rate for any such work.

2.19.5 Nothing in this Agreement shall affect any "ratcheting" or "ratchet rate" available as set forth in any SBC KANSAS tariff, including without limitation SWBT Tariff F.C.C. No. 73 (with "ratcheting" and "ratcheted rate" in this sentence having the meaning(s) as those or similar terms have within the relevant tariff and not in this Agreement). There shall be no blending of the rates of any UNE component(s) of the commingled arrangement with any special access component(s), i.e., no ratcheting of the commingled arrangement.

2.19.6 Nothing in this Agreement shall impose any obligation on SBC KANSAS to allow or otherwise permit Commingling, a Commingled Arrangement, or to perform the functions necessary to Commingle, or to allow or otherwise permit CLEC to Commingle or to make a Commingled Arrangement, beyond those obligations imposed by the Act, including the rules and orders of the FCC. The preceding includes without limitation that SBC KANSAS shall not be obligated to Commingle network elements that do not constitute required UNEs under 47 U.S.C. § 251(c)(3) (including those network elements no longer required to be so unbundled), or where UNEs are not requested for permissible purposes. If CLEC does not meet the applicable eligibility criteria, including Statutory Conditions, or, for any reason, stops meeting eligibility criteria, including Statutory Conditions, for a particular UNE involved or to be involved in a Commingled Arrangement, CLEC shall not request such Commingled Arrangement or continue using such Commingled Arrangement.

2 .19.7 Where a Commingled Arrangement to be provided to CLEC involves a Section 251 UNE combination as well as Commingling, the eligibility criteria applicable, if any exist, to both Commingling and combinations must be fulfilled.

2.19.8 Commingling in its entirety (including its definition, the ability of CLEC to Commingle, SBC KANSAS' obligation to perform the functions necessary to Commingle, and Commingled Arrangements) shall not apply to or otherwise include, involve or encompass SBC KANSAS offerings pursuant to 47 U.S.C. § 271 that are not UNEs under 47 U.S.C. § 251(c)(3). The preceding sentence does not affect the commingling of Section 251 UNEs with tariffed SBC Kansas special access and/or switched access services and facilities.

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

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

2.19.9.2 Shares part of SBC KANSAS' network with access services.

2.20 Eligibility Requirements for Access to Certain UNEs

2.20.1 Except as provided below in this Section 2.20 or elsewhere in the Agreement and subject to this Section and Section 2.18, Conversion of Wholesale Services to UNEs, of this Attachment, SBC KANSAS shall

provide access to UNEs and combinations of UNEs without regard to whether the CLEC seeks access to the UNEs to establish a new circuit or to convert an existing circuit from a service to UNEs.

2.20.1.1 "Enhanced Extended Link" or "EEL" means a UNE combination consisting of UNE loop(s) and UNE Dedicated Transport, together with any facilities, equipment, or functions necessary to combine those UNEs (including, for example multiplexing capabilities). If an EEL is made up of a combination that includes one or more of the following described combinations (the "High-Capacity Included Arrangements"), each circuit to be provided to each customer is required to terminate in a collocation arrangement that meets the requirements of Section 2.15.3 below (e.g., the end of the UNE dedicated transport that is opposite the end connected to the UNE loop must be accessed by CLEC at such a CLEC collocation arrangement via a cross-connect. A High-Capacity Included Arrangement is either:

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

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

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

2.20.2.1 CLEC has received state certification from the KANSAS Commission to provide local voice service in the area being served.

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

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

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

2.20.2.2.2 Intentionally Left Blank

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

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

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

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

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

By way of example only, the application of the foregoing conditions means that a wholesale or retail DS1 or higher service/circuit (whether intrastate or interstate in nature or jurisdiction) comprised, in whole or in part, of a UNE local loop-Unbundled Dedicated Transport(s)-UNE local loop (with or without multiplexing) cannot qualify for at least the reason that the UNE local loop-Unbundled Dedicated Transport combination included within that service/circuit does not terminate to a collocation arrangement. Accordingly, SBC KANSAS shall not be required to provide, and shall not provide, any UNE combination of a UNE local loop and Unbundled Dedicated Transport at DS1 or higher (whether as a UNE combination by themselves, with a network element possessed by CLEC, or pursuant to Commingling, or whether as a new arrangement or from a conversion of an existing service/circuit) that does not terminate to a collocation arrangement that meets the requirements of Section 2.18.3 of this Appendix 251(c)(3) UNE. Section 2.18.2 shall apply in any arrangement that includes more than one of the UNEs, facilities, or services set forth in that Section, including, without limitation, to any arrangement where one or more UNEs, facilities, or services not set forth in Section 2.18.2 is also included or otherwise used in that arrangement (whether as part of a UNE combination, Commingled Arrangement, or otherwise), and irrespective of the placement or sequence of them.

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

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

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

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

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

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

2.20.6 CLEC must provide the certification required by Section 2.18 on a form provided by SBC KANSAS, on a circuit-by-circuit/service-by-service/Included Arrangement-by-Included Arrangement basis.

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

2.20.7 In addition to any other audit rights provided for in this Agreement and those allowed by law, SBC KANSAS may obtain and pay for an independent auditor to audit, on an annual basis, applied on a state-by-state basis. CLEC's compliance in KANSAS with the conditions set out in Section 2.20 2.19.1 through 2.20.4. For purposes of calculating and applying an "annual basis", it means, a consecutive 12-month period, beginning upon SBC KANSAS' written notice that an audit will be performed for KANSAS, subject to Section 2.20.7.4 of this Section.

2.20.7.1 Intentionally Left Blank

2.20.7.2 Unless otherwise agreed by the Parties (including at the time of the audit), the independent auditor shall perform its evaluation in accordance with the standards established by the American Institute for Certified Public Accountants (AICPA), which will require the auditor to perform an "examination engagement" and issue an opinion that includes the auditor's determination regarding CLEC's compliance with the qualifying service eligibility criteria. The independent auditor's report will conclude whether CLEC complied in all material respects with this Section 2.20.

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

2.20.7.4 Should the independent auditor's report conclude that CLEC failed to comply in all material respects with Section 2.20, CLEC must true-up any difference in payments paid to SBC KANSAS and the rates and charges CLEC would have owed SBC KANSAS beginning from the date that the non-compliant circuit was established as a UNE/UNE combination, in whole or in part (notwithstanding any other provision hereof), but no earlier than the date on which this Section 2.20 of this Attachment is effective, and CLEC must convert the UNE or UNE combination, or commingled arrangement, to an equivalent or substantially similar wholesale service, or group of wholesale services, (and SBC KANSAS may initiate and effect such a conversion on its own without any further consent by CLEC), and CLEC shall timely make the correct payments on a going-forward basis, and all applicable remedies for failure to make such payments shall be available to SBC KANSAS. In no event shall rates set under Section 252(d)(1) of the Act apply for the use of any UNE for any period in which CLEC does not meet the conditions set forth in this Section 2.20 for that UNE, arrangement, or circuit, as the case may be. Also, the "annual basis" calculation and application shall be immediately reset, e.g., SBC KANSAS shall not have to wait the remaining part of the consecutive 12-month period before it is permitted to audit again in that State.

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

2.20.7.4.2 To the extent the independent auditor's report concludes that CLEC complied in all material respects with the Service Eligibility Requirements Criteria, SBC KANSAS shall reimburse CLEC for its

necessary and reasonable staff time and other internal reasonable staff time and other reasonable costs associated with in responding to the audit (e.g., collecting data in response to the auditor's inquiries, meeting for interviews, etc).

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

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

2.21 Reservation of Rights/Intervening Law

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

2.22 Various Subsections below list the Unbundled Network Elements that SBC KANSAS has agreed, subject to the other terms and conditions in this Agreement, to make available to CLEC for the provision by CLEC of a telecommunications service. SBC KANSAS will make additional Unbundled Network Elements available pursuant to the BFR process set out in Section 2.28 of this Attachment.

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

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

2.25 Where Unbundled Network Elements provided to CLEC are dedicated to a single end user, if such elements are for any reason disconnected they will be made available to SBC KANSAS for future provisioning needs, unless such element is disconnected in error. The CLEC agrees to relinquish control of any such UNE concurrent with the disconnection of CLEC's End User's Services.

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

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

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

2.29 The Unbundled Network Elements provided pursuant to this Agreement will be available to SBC KANSAS at times mutually agreed upon in order to permit SBC KANSAS to make tests and adjustments appropriate for maintaining the services in satisfactory operating condition. No credit will be allowed for any interruptions involved during such tests and adjustments.

2.30 CLEC's use of any SBC KANSAS Unbundled Network Element or of its own equipment or facilities in conjunction with any SBC KANSAS Unbundled Network Element , will not materially interfere with or impair service over any facilities of SBC KANSAS, its affiliated companies or its connecting and concurring carriers involved in its services, cause damage to their plant, impair the privacy of any communications carried over their facilities or create hazards to the employees of any of them or the public. Upon reasonable written notice and opportunity to cure, SBC KANSAS may discontinue or refuse service if CLEC violates this provision, provided that such termination of service will be limited to CLEC's use of the Unbundled Network Element(s) causing the violation.

2.31 SBC KANSAS and CLEC will negotiate to develop network contingency plans in order to maintain maximum network capability following natural or man-made disasters and catastrophic network failures (e.g., interoffice cable cuts and central office power failure) which affect their telecommunications services. These plans will provide for restoration and disaster recovery for CLEC customers at least equal to what SBC KANSAS provides for its customers and will allow CLEC to establish restoration priority among CLEC customers consistent with applicable law.

2.32 Order rejections and error codes

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

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

2.33 Performance of Unbundled Network Elements

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

2.33.2 SBC KANSAS will provide an SBC KANSAS Technical Publication or other written description for each Unbundled Network Element identified and offered under this Agreement. The Technical Publication or other description for an Unbundled Network Element will describe the features, functions, and capabilities provided by the Unbundled Network Element as of the time the document is provided to CLEC. No specific

form for the Technical Publication or description is required, so long as it contains a reasonably complete and specific description of the Unbundled Network Element's capabilities. The Technical Publication or other description may be accompanied by reference to vendor equipment and software specifications applicable to the Unbundled Network Element. The Technical Publications or other written description shall be posted on SBC KANSAS' CLEC Online website.

2.33.3 Nothing in this Agreement will limit either Party's ability to modify its network through the incorporation of new equipment, new software or otherwise. Each Party will provide the other Party written notice of any such upgrades in its network which could reasonably be expected to materially impact the other Party's service consistent with the timelines and guidelines established by 47 CFR Sections 51:325-335. CLEC will be solely responsible, at its own expense, for the overall design of its telecommunications services and for any redesigning or rearrangement of its telecommunications services which may be required because of changes in facilities, operations or procedure of SBC KANSAS, minimum network protection criteria, or operating or maintenance characteristics of the facilities.

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

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

2.33.6 For each Unbundled Network Element identified and provided for in this Attachment, SBC KANSAS Technical Publications or other written descriptions meeting the requirements of this Section will be made available to CLEC not later than thirty (30) days after the Effective Date of this Agreement.

2.33.7 SBC KANSAS will provide performance measurements as outlined in Attachment 17 under this Agreement and/or as otherwise ordered by the KANSAS Commission or FCC. SBC KANSAS will not levy a separate charge for providing this information.

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

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

2.36 Intentionally Left Blank

2.37 Bona Fide Request (BFR)

2.37.1 Bona Fide Request ("BFR") is the process by which CLEC may submit a request for SBC KANSAS to provide access to a Network Element that is new, undefined, or part of a Commingled Arrangement not identified in Appendix, (a "Request"), that is required to be provided by SBC KANSAS under the Act but is not available under this Agreement or defined in a generic appendix at the time of CLEC's request. CLEC may request and, to the extent required by law and as SBC KANSAS may otherwise agree, SBC KANSAS will provide Unbundled Network Elements through the BFR process.

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

2.37.3 CLEC may submit an Unbundled Network Element BFR in writing utilizing the Unbundled Network Element BFR Application Form, which will include a technical description of each requested Unbundled Network Element, drawings when reasonably necessary, locations where reasonably necessary, a reasonably requested date when interconnection is requested and the projected quantity of interconnection points ordered with a three (3) year demand forecast.

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

2.37.5 CLEC may cancel an Unbundled Network Element BFR by providing written notice to SBC KANSAS in a commercially reasonable manner; provided however, that CLEC will pay SBC KANSAS its reasonable and demonstrable costs of processing and/or implementing the BFR up to and including the date SBC KANSAS receives notice of cancellation. If cancellation occurs prior to completion of the preliminary evaluation, and if CLEC has provided SBC KANSAS a deposit and the reasonable and demonstrable costs are less than the deposit, the remaining balance of the deposit will be, at CLEC's option, either returned to CLEC or credited toward additional developmental costs authorized by CLEC.

2.37.6 SBC KANSAS will promptly consider and analyze each BFR it receives. Within ten (10) business days of its receipt, SBC KANSAS will acknowledge receipt of the Unbundled Network Element BFR and in such acknowledgement advise CLEC of any further information needed for a complete and accurate Unbundled Network Element BFR Application Form. CLEC acknowledges that the time intervals set forth hereafter in this section begin once SBC KANSAS has received a complete and accurate Unbundled Network Element BFR Application Form.

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

2.37.8 Following receipt of the Preliminary Analysis, CLEC may, at its discretion, provide written authorization to SBC KANSAS to develop the Unbundled Network Element BFR and prepare a BFR Final Quote. CLEC must provide such written authorization within thirty (30) calendar days of receipt of the preliminary analysis. If written authorization is not provided to SBC KANSAS within thirty (30) calendar days, the Unbundled Network Element BFR will be deemed cancelled, and CLEC will be required to submit a new Unbundled Network Element BFR thereafter should CLEC desire pursuit of a similar Unbundled Network Element.

2.37.9 As soon as feasible, but not more than ninety (90) days after its receipt of written authorization to proceed with developing the Unbundled Network Element BFR Quote, SBC KANSAS shall provide CLEC an Unbundled Network Element BFR Final Quote that will include, at a minimum, a description of each Unbundled Network Element, the availability, the applicable rates to include recurring and non recurring costs, the installation intervals, Unbundled Network Element BFR development and processing costs and terms and conditions for amending the Agreement to order and provision the Unbundled Network Element BFR.

2.37.10 Within thirty (30) calendar days of its receipt of the Unbundled Network Element BFR Final Quote, CLEC must either (1) confirm or cancel its Unbundled Network Element BFR pursuant to the terms and conditions of the Unbundled Network Element BFR Final Quote or (2) submit any disputed issues with the

Unbundled Network Element BFR Final Quote for Dispute Resolution as provided for in the General Terms and Conditions of this Agreement. If CLEC confirms and authorizes the implementation of the requested service as outlined on the BFR, and provides payment of the amount quoted, minus a deposit (if paid), SBC KANSAS will promptly proceed with developing and providing the Unbundled Network Element.

2.37.11 If a Party to an Unbundled Network Element BFR believes that the other Party is not requesting, negotiating or processing the Unbundled Network Element BFR in good faith, or disputes a determination, or price or cost quote, such Party may submit the matter for Dispute Resolution as provided for in the General Terms and Conditions of this Agreement which also provides for mediation or arbitration proceedings as needed.

2.37.12 If SBC KANSAS provides any Unbundled Network Element not identified in this Agreement to a requesting Telecommunications Carrier through the BFR process, SBC KANSAS will make available the same Unbundled Network Element, combination or interconnection arrangement to all CLECs, without requiring any additional CLEC to use the Bona Fide Request process. SBC KANSAS shall notify all CLECs, through Accessible Letter, that an Unbundled Network Element will be available as a result of a BFR; such notice shall be provided no later than thirty (30) days prior to the new Unbundled Network Element's availability. Whenever CLEC requests to purchase a particular SBC KANSAS Unbundled Network Element that is developed and operational at the time of the Unbundled Network Element BFR, but for which no Unbundled Network Element price has been established or agreed by the Parties, CLEC's request will be considered as follows: SBC KANSAS will provide a price quote for the Unbundled Network Element BFR, consistent with the Act, within ten (10) business days following SBC KANSAS' receipt of CLEC's request. If the Parties have not agreed on a price for the Unbundled Network Element within ten (10) business days following CLEC's receipt of the price quote, either Party may submit the matter for Dispute Resolution as provided for in the General Terms and Conditions of this Agreement.

2.37.13 After the Parties to an Unbundled Network Element BFR have reached agreement on terms, conditions and rates for the Unbundled Network Element BFR, they shall jointly cooperate in preparing and filing an amendment to this Agreement for the ordering and provisioning of the Unbundled Network Element BFR.

3.0 NETWORK INTERFACE DEVICE

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

3.2 The Network Interface Device (NID) UNE is defined as any means of interconnection of end user customer premises wiring to SBC KANSAS' distribution plant, such as a cross connect device used for that purpose. Fundamentally, the NID establishes the final (and official) network demarcation point between the loop and the end user's inside wire. Except in multi-unit tenant properties where SBC KANSAS owns and maintains control over inside wire within a building or on a property up to the NID, maintenance and control of the end user's inside wiring (i.e., on the end user's side of the NID) is under the control of the end user. Conflicts between telephone service providers for access to the end user's inside wire on the end user's side of the NID must be resolved by the end user. Pursuant to applicable FCC rules, SBC KANSAS offers nondiscriminatory access to the NID on an unbundled basis to CLEC for the provision of a Telecommunications Service. CLEC access to the NID is offered as specified below.

3.3 CLEC may obtain unbundled access to the NID on SBC KANSAS' network side on a stand-alone basis to permit CLEC to connects its own loop facilities to the premises wiring at any customer locations. Any

repairs, upgrade and rearrangements to the NID required by CLEC will be performed by SBC KANSAS based on Time and Material charges set out in Appendix Pricing. SBC KANSAS, at the request of CLEC, will disconnect the SBC KANSAS local loop from the NID, at charges reflected in Appendix Pricing. CLEC may elect to disconnect SBC KANSAS' local loop from the NID on the customer's side of the NID, but CLEC shall not perform any disconnect on the network side of the NID.

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

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

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

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

4.0 LOCAL LOOP

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

4.2 Pursuant to applicable FCC rules, a local loop UNE is a dedicated transmission facility between a distribution frame (or its equivalent) in an SBC KANSAS Central Office and the loop demarcation point at an end user premises. Therefore, consistent with the applicable FCC rules, SBC KANSAS will make available the UNE loops set forth herein below between a distribution frame (or its equivalent) in an SBC KANSAS Central Office and the loop demarcation point at an end user premises. The Parties acknowledge and agree that SBC KANSAS shall not be obligated to provision any of the UNE loops provided for herein to cellular sites or to any other location that does not constitute an end user premises. Where applicable, the local loop includes all wire within multiple dwelling and tenant buildings and campuses that provides access to End User premises wiring, provided such wire is owned and controlled by SBC KANSAS. The local loop UNE includes all features, functions and capabilities of the transmission facility, including attached electronics (except those electronics used for the provision of advanced services, such as Digital Subscriber Line Access Multiplexers), and line conditioning (subject to applicable charges in Appendix Pricing). 251(c)(3) Local Loop includes, but is not limited to copper loops (two-wire and four-wire analog voice-grade copper loops, digital copper loops [*e.g.,* DS0s and integrated services digital network lines]), as well as two-wire and four-wire copper loops conditioned, at CLEC request and subject to charges, to transmit the digital signals needed to provide digital subscriber line services), 251(c)(3) UNE DS1 Digital Loops (where they have not been Declassified and subject to caps set forth in Section 4.4.4.5, below) and 251(c)(3) UNE DS3 Digital Loops (where they have not been Declassified and subject to caps set forth in Section 4.4.5.4, below), where such loops are deployed and available in SBC KANSAS wire centers. CLEC agrees to operate each loop type within the technical descriptions and parameters accepted within the industry.

4.2.1 When a local loop UNE is ordered to a high voltage area, the Parties understand and agree that the local loop UNE will require a High Voltage Protective Equipment (HVPE) (e.g., a positron), to ensure the safety and integrity of the network, the Parties' employees and/or representatives, and the CLEC's end-user

customer. Therefore, any request by CLEC for a local loop UNE to a high voltage area will be submitted by CLEC to SBC KANSAS. If CLEC requests that SBC KANSAS provision the HVPE, CLEC shall be required to pay SBC KANSAS on an ICB basis for the HVPE that is provisioned by SBC KANSAS to CLEC in connection with the CLEC's UNE loop order to the high voltage area.

4.3 Routine Network Modifications to UNE loops

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

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

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

4.4 The following types of local loop UNEs will be provided at the rates, terms, and conditions set out in this Attachment and in the Appendix Pricing 251(c)(3) UNE - Schedule of Prices:

4.4.1 2-Wire Analog Loop

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

4.4.1.2 If CLEC requests one or more unbundled loops serviced by Integrated Digital Loop Carrier (IDLC) SBC KANSAS will, where available, move the requested unbundled loop(s) to a spare, existing Physical or a universal digital loop carrier unbundled loop at no additional charge to CLEC. If, however, no spare unbundled loop is available, SBC KANSAS will within two (2) business days, excluding weekends and holidays, of CLEC's request, notify CLEC of the lack of available facilities.

4.4.2 4-Wire Analog Loop

4.4.2.1 A 4-Wire analog loop is a transmission facility that provides a non-signaling voice band frequency spectrum of approximately 300 Hz to 3000 Hz. The 4-Wire analog loop provides separate transmit and receive paths.

4.4.3 2-Wire Digital Loop

4.4.3.1 A 2-Wire 160 Kbps digital loop is a transmission facility which supports Basic Rate ISDN (BRI) digital exchange services. The 2-Wire digital loop 160 Kbps supports usable bandwidth up to 160 Kbps.

4.4.4 4-Wire DS1 Digital Loop

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

4.4.4.2 DS1 loops (where they have not been Declassified and subject to caps set forth in Section XXXX) However, notwithstanding this Section 4.4.4.2, access to 251(c)(3) UNEs is provided under this Agreement over such routes, technologies, and facilities as SBC KANSAS may elect at its own discretion.

4.4.4.3 DS1 UNE Digital Loops will be offered and/or provided only where such Loops have not been Declassified.

4.4.4.4 The procedures set forth in Section 4.4.4.5, below will apply in the event DS1 Digital Loops (DS1) are or have been Declassified.

4.4.4.5 DS1 Loop "Caps"

SBC KANSAS is not obligated to provide to CLEC more than ten (10) DS1 UNE loops per requesting carrier to any single building in which DS1 Loops have not been otherwise Declassified; accordingly, CLEC may not order or otherwise obtain, and CLEC will cease ordering unbundled DS1 Loops once CLEC has already obtained ten DS1 UNE Loops at the same building. If, notwithstanding this Section, CLEC submits such an order, at SBC KANSAS' option it may accept the order, but convert any requested DS1 UNE Loop(s) in excess of the cap to Special Access, and applicable Special Access charges will apply to CLEC for such DS1 UNE Loop(s) as of the date of provisioning.

4.4.5 DS3 Digital Loop

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

4.4.5.2 DS3 UNE loops will be offered and/or provided only where such Loops have not been Declassified.

4.4.5.3 The procedures set forth in Section 4.4.5.4, below will apply in the event DS3 Digital Loops are or have been Declassified.

4.4.5.4 DS3 Loop "Caps"

SBC KANSAS is not obligated to provide to CLEC more than one (1) DS3 UNE loop per requesting carrier to any single building in which DS3 UNE Loops have not been otherwise Declassified; accordingly, CLEC may not order or otherwise obtain, and CLEC will cease ordering unbundled DS3 Loops once CLEC has already obtained one DS3 UNE Loop at the same building. If, notwithstanding this Section, CLEC submits such an order, at SBC KANSAS' option it may accept the order, but convert any requested DS3 UNE Loop(s) in excess of the cap to Special Access, and applicable Special Access charges will apply to CLEC for such DS3 UNE Loop(s) as of the date of provisioning.

4.5 Intentionally Left Blank

4.6 Hybrid Loops

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

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

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

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

4.6.5 If SBC KANSAS maintains the existing copper loop pursuant to Section 51.319(a)(3)(ii)(A) it need not incur any expenses to ensure that the existing copper loop remains capable of transmitting signals prior to receiving a request for access pursuant to that paragraph, in which case SBC KANSAS shall restore the copper loop to serviceable condition upon request.

4.6.6 SBC KANSAS will refrain from any practice, policy or procedure that has the effect of disrupting or degrading access to the TDM-based features, functions and capabilities of its hybrid loops; provided, however, SBC KANSAS has no obligation to build TDM capability into new packet-based networks or into existing packet-based networks that never had TDM capability.

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

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

4.6.7.2 Any applicable state requirements.

4.7 Quantity and Location Limitations on Access to DS1 and DS3 Loops obtained under this Agreement.

(A) A "fiber-based collocator" is defined in accordance with 47 C.F.R. 51.5
(B) The term "same building" is to be interpreted to mean a structure under one roof or two or more structures on one premises which are connected by an enclosed or covered passageway.
(C) A "business line" is defined in accordance with 47 C.F.R. 51.5.

4.7.1 DS1 Loop "Caps"—SBC KANSAS is not obligated to provide to CLEC more than ten (10) DS1 UNE loops per requesting carrier to any single building in which DS1 Loops have not been otherwise Declassified; accordingly, CLEC may not order or otherwise obtain, and CLEC will cease ordering unbundled DS1 Loops once CLEC has already obtained ten DS1 UNE Loops at the same building. If, notwithstanding this Section, CLEC submits such an order, at SBC KANSAS' option it may accept the order, but convert any requested DS1 UNE Loop(s) in excess of the cap to Special Access, and applicable Special Access charges will apply to CLEC for such DS1 UNE Loop(s) as of the date of provisioning.

4.7.1.1 DS1 Loop Declassification --Subject to the cap described in Section 4.7.1, SBC KANSAS shall provide CLEC with access to a DS1 UNE Loop, where available, to any building not served by a wire center

with 60,000 or more business lines and four or more (4) fiber-based collocators. Once a wire center exceeds these thresholds, no future DS1 Loop unbundling will be required in that wire center, or any buildings served by that wire center, and DS1 Loops in that wire center, or any buildings served by that wire center, shall be Declassified and no longer available as UNEs under this Agreement. Accordingly, CLEC may not order or otherwise obtain, and CLEC will cease ordering DS1 UNE Loops in such wire center(s), or any buildings served by such wire center(s).

4.7.1.2 DS3 Loop "Caps" -- SBC KANSAS is not obligated to provide to CLEC more than one (1) DS3 UNE loop per requesting carrier to any single building in which DS3 Loops have not been otherwise Declassified; accordingly, CLEC may not order or otherwise obtain, and CLEC will cease ordering unbundled DS3 Loops once CLEC has already obtained one DS3 UNE Loop at the same building. If, notwithstanding this Section, CLEC submits such an order, at SBC KANSAS' option it may accept the order, but convert any requested DS3 UNE Loop(s) in excess of the cap to Special Access, and applicable Special Access charges will apply to CLEC for such DS3 UNE Loop(s) as of the date of provisioning.

4.7.1.2.1 DS3 Loop Declassification. Subject to the cap described in Section 4.7.1.2, SBC KANSAS shall provide CLEC with access to a DS3 UNE Loop, where available, to any building not served by a wire center with at least 38,000 business lines and at least four (4) fiber-based collocators. Once a wire center exceeds these thresholds, no future DS3 Loop unbundling will be required in that wire center, or any buildings served by that wire center, and DS3 Loops in that wire center, or any buildings served by that wire center, shall be Declassified, and no longer available as UNEs under this Agreement. Accordingly, CLEC may not order or otherwise obtain, and CLEC will cease ordering DS3 UNE Digital Loops in such wire center(s), or any buildings served by such wire center(s).

4.7.1.3 Effect on Embedded Base. Upon Declassification of DS1 Loops or DS3 Loops already purchased by CLEC as UNEs under this Agreement, SBC KANSAS will provide written notice to CLEC of such Declassification and at the end of the thirty day notice period, unless CLEC has submitted an LSR and/or ASR, as applicable, to SBC KANSAS requesting disconnection or other discontinuance of such UNE(s) or combination of UNEs, SBC KANSAS shall convert the subject UNE(s) or combination of UNEs to an analogous access service if available, or if no analogous access service is available, to such other service arrangement as SBC KANSAS and CLEC may agree upon (e.g., via a separate agreement at market-based rates or resale); provided, however, that where there is no analogous access service, if CLEC and SBC KANSAS have failed to reach agreement as to a substitute service within such thirty (30) day period, then SBC KANSAS may disconnect the subject UNE(s) or combination of UNEs

4.7.1.3.1 Where such UNE(s) or combination of UNEs are converted to an analogous access service, SBC KANSAS shall provide such service(s) at the month-to-month rates, and in accordance with the terms and conditions of SBC KANSAS' applicable access tariff, with the effective bill date being the first day following the thirty (30) day notice period. CLEC shall pay all applicable termination charges, if any, for any such UNE(s) or combination of UNEs that CLEC requests SBC KANSAS to disconnect, or that SBC KANSAS disconnects as a result of the Parties' failure to reach agreement on a substitute service.

4.7.1.3.2 Products provided by SBC KANSAS in conjunction with such Loops (e.g. Cross-Connects) shall also be subject to re-pricing under this Section " where such Loops are Declassified.

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

4.7.2 CLEC shall undertake a reasonably diligent inquiry to determine whether an order for a DS1 or DS3 UNE Loop intended to be used to serve a new customer (i.e. ordered on or after March 11, 2005 and, therefore,

not part of CLEC's embedded customer base) satisfies the availability criteria set forth in Section 4.7.1 above prior to submitting its order to SBC KANSAS. SBC KANSAS has posted and will post a list to its CLEC-Online website, identifying the wire centers where DS1 and DS3 UNE Loops are Declassified under Sections 4.7.1.1.1 and 4.7.1.2.2, above, and those Sections shall apply. For situations where SBC KANSAS' posted list does not identify a wire center(s) relevant to CLEC's order for DS1 or DS3 UNE Loop(s), CLEC shall self-certify, that based on that reasonable inquiry it is CLEC's reasonable belief, to the best of its knowledge, that its order satisfies the criteria in Section 4.7.1 as to the particular UNE(s) sought. SBC KANSAS shall provision the requested DS1 or DS3 loop in accordance with CLEC's order and within SBC KANSAS' standard ordering interval applicable to such loops. SBC KANSAS shall have the right to contest such orders, and CLEC's ability to obtain a requested DS1 or DS3 UNE Loop only after provisioning, by notifying CLEC in writing of its dispute and, if the Parties are unable to resolve the dispute to both Parties' satisfaction within 30 days of SBC KANSAS' written dispute notice, either Party may directly pursue any available legal or equitable remedy for resolution of the dispute. If the Parties determine through informal dispute resolution or if it is otherwise determined in a legally binding way (i.e. the determination has not been stayed pending appeal, if an appeal is being pursued) that CLEC was not entitled to the provisioned DS1 or DS3 UNE Loop, the rates paid by CLEC for the affected Loop shall be subject to true-up and CLEC shall be required to transition from the UNE DS1 or DS3 Loop to an alternative service/facility within 30 days of such determination. If CLEC does not transition the Loop within the 30 day period, then SBC KANSAS may disconnect the loop or convert it to an analogous service.

5.0 DARK FIBER DEDICATED TRANSPORT. FOR DARK FIBER LOOPS SEE EMBEDDED BASE RIDER

5.1 SBC KANSAS shall provide UNE Dedicated Transport Dark Fiber under the following terms and conditions in this subsection.

5.1.1 Dark fiber is fiber which has not been activated through connection to the electronics that "light" it and render it capable of carrying telecommunications services. Dark fiber is unlit optic cable that is deployed within SBC KANSAS' network that is in place. Unlit fiber is dark fiber regardless of whether the fiber is spliced or terminated. Spare dark fiber is determined by the formula in Section 5. UNE Dedicated Transport Dark Fiber is deployed, unlit optical fiber within SBC KANSAS' network. UNE Dedicated Transport Dark Fiber consists of unactivated optical interoffice transmission facilities.

5.2 Intentionally Left Blank

5.3 Dark Fiber Transport

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

5.3.2 Dark Fiber Transport Declassification

5.3.2.1 SBC KANSAS shall provide CLEC with access to UNE Dedicated Transport Dark Fiber, except on routes where both wire centers defining the route are either Tier 1 or Tier 2 Wire Centers, as set forth in Section 5.3.3 (A), (B) and (C), below. As such SBC KANSAS must provide UNE Dedicated Transport Dark Fiber under this Agreement only if a wire center on either end of the requested route is a Tier 3 Wire Center. If both wire centers defining a requested route are either Tier 1 or Tier 2 Wire Centers, then Dedicated Transport Dark Fiber circuits on such routes are Declassified and no longer available as UNEs under this Agreement. Accordingly, CLEC may not order or otherwise obtain, and CLEC will cease ordering UNE Dedicated Transport Dark Fiber on such route(s).

5.3.2.2 Effect on Embedded Base. Upon Declassification of Dedicated Transport Dark Fiber already purchased by CLEC as a UNE under this Agreement, SBC KANSAS will provide written notice to CLEC of such Declassification and at the end of the 30-day notice period under that Section, provision of the affected dedicated transport dark fiber to CLEC will be terminated without further obligation of SBC KANSAS.

5.3.2.3 Products provided by SBC KANSAS in conjunction with UNE Dedicated Transport Dark Fiber, if any, shall also be subject to termination under this Section where such fiber is Declassified.

5.3.2.4 The Parties agree that activity by SBC KANSAS under this Section 5.3.2 shall not be subject to the Network Disclosure Rules.

5.3.3 Wire Center "Tiers"

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

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

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

5.4 Spare Fiber Inventory Availability and Condition

5.4.1 All available spare dark fiber will be provided as is. No conditioning will be offered. Spare dark fiber is fiber that is spliced in all segments, point to point but not assigned, and spare dark fiber does not include maintenance spares, fibers set aside and documented for SBC KANSAS' forecasted growth, defective fibers, or assigned fibers. CLEC will not obtain any more than 25% of the spare dark fiber contained in the requested segment, during any two-year period.

5.4.2 Determining Spare Fibers:

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

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

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

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

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

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

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

5.4.4 Quantities and Time Frames for ordering Dark Fiber:

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

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

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

5.4.4.4 Dedicated transport Dark fiber will be assigned to CLEC only when an ASR is processed. ASRs will be processed on a first-come-first-served basis. Inquiry facility checks do not serve to reserve dark fiber. When CLEC submits the ASR, the ASR will be processed and the dark fiber facilities will be assigned. The charges are set forth in the Pricing Appendix.

5.4.5 Right of Revocation of Access to Dedicated Transport Dark Fiber

5.4.5.1 Right of revocation of access to Dedicated Transport Dark Fiber is distinguishable from Declassification. For clarification purposes, SBC KANSAS' right of revocation of access under this Section 5.4.5.1 applies even when the affected dedicated transport dark fiber remains a 251(c)(3) UNE, subject to unbundling obligations under Section 251(c)(3) of the Act, in which case CLEC's rights to the affected network element may be revoked as provided in this Section 5.4.5.

5.4.5.2 Should CLEC not utilize the fiber strand(s) subscribed to within the 12-month period following the date SBC KANSAS provided the fiber(s), SBC KANSAS may revoke CLEC's access to the dedicated transport

dark fiber and recover those fiber facilities and return them to SBC KANSAS inventory. SBC KANSAS may invoke this right by providing 10 days written notice to CLEC that SBC KANSAS is reclaiming the fibers.

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

5.4.6 Access Methods specific to Unbundled Dedicated Transport Dark Fiber

5.4.6.1 At SBC KANSAS central offices' the dark fiber terminates on a fiber distribution frame, or equivalent, in the central office. CLEC's access is provided through an approved collocation access as set forth in Appendix Collocation. CLEC may collocate, providing collocation application and associated criteria are met. The only method of access for placing equipment for Dark fiber is collocation.

5.4.6.2 The demarcation point for dedicated transport dark fiber at central offices will be in an SBC KANSAS approved splitter shelf. This arrangement allows for non-intrusive testing.

5.4.6.3 At central office's unbundled dedicated transport dark fiber terminates on a fiber distribution frame, or equivalent in the central office.

5.4.7 Installation and Maintenance for Dark Fiber

5.4.7.1 SBC KANSAS will install demarcations and place the fiber jumpers from the fiber distribution frame, or equivalent, to the demarcation point. CLEC will run its fiber jumpers from the demarcation point to the CLEC equipment.

5.4.7.2 Routine Network Modifications for Unbundled Dark Fiber Transport Provided Under Section 251 of the Act.

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

5.4.7.2.2 SBC KANSAS shall make routine network modifications to 251(c)(3) Dedicated Transport Dark Fiber facilities used by CLEC where the requested 251(c)(3) Dedicated Transport Dark Fiber facilities have already been constructed. SBC KANSAS shall perform routine network modifications to 251(c)(3) Dedicated Transport Dark Fiber facilities in a nondiscriminatory fashion, without regard to whether the 251(c)(3) Dedicated Transport Dark Fiber UDT facility being accessed was constructed on behalf, or in accordance with the specifications, of any carrier.

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

6.0 LOCAL CIRCUIT SWITCHING: See "Remand Order Embedded Base Temporary Rider

7.0 OPERATOR SERVICES AND DIRECTORY ASSISTANCE - See Attachment 22: DA and Attachment 23: OS for terms and conditions.

8.0 VG/DSO, DS1 AND DS3 DEDICATED TRANSPORT

8.1 Subject to Section 2 of this Attachment 251(c)(3) UNEs, SBC KANSAS shall provide 251(c)(3) UNE VG/DSO Dedicated Transport and 251(c)(3) UNE DS1/DS3 Dedicated Transport under the following terms and conditions in this subsection.

8.2 "Dedicated Transport" is defined as SBC interoffice transmission facilities between wire centers or switches owned by SBC KANSAS, or between wire centers or switches owned by SBC KANSAS and switches owned by requesting telecommunications carriers, dedicated to a particular customer or carrier.

8.2.1 SBC KANSAS is not obligated to provide CLEC with unbundled access to Dedicated Transport that does not connect a pair of SBC KANSAS wire centers.

8.2.2 A "route" is defined as a transmission path between one of SBC KANSAS' wire centers or switches and another of SBC KANSAS' wire centers or switches. A route between two points (e.g., wire center of switch "A" and wire center or switch "Z") may pass through one or more intermediate wire centers or switches (e.g. wire center or switch "X"). Transmission paths between identical end points (e.g., wire center or switch "A" and wire center or switch "Z") are the same "route," irrespective of whether they pass through the same intermediate wire centers or switches, if any.

8.3 Intentionally Left Blank

8.4 Subject to the caps set forth in Sections 8.8.5 and 8.8.6, Unbundled Dedicated Transport will be provided only where such facilities exist at the time of CLEC request, and only over routes where UNE Dedicated Transport has not been Declassified. SBC KANSAS will provide UNE Dedicated Transport only at the following digital signal speeds: DS1 (1.544 Mbps) and DS3 (44.736 Mbps).

8.5 Other optional features available to CLEC with unbundled Dedicated Transport are listed in Appendix Pricing.

8.6 Routine Network Modifications

8.6.1 SBC KANSAS shall make routine network modifications to 251(c)(3) unbundled Dedicated Transport ("UDT") facilities used by CLEC where the requested 251(c)(3) UDT facilities have already been constructed. SBC KANSAS shall perform routine network modifications to 251(c)(3) UDT facilities in a nondiscriminatory fashion, without regard to whether the 251(c)(3) UDT facility being accessed was constructed on behalf, or in accordance with the specifications, of any carrier.

8.6.2 A routine network modification is an activity that SBC KANSAS regularly undertakes for its own customers. Routine network modifications include rearranging or splicing of cable; adding an equipment case; adding a doubler or repeater; adding a smart jack; installing a repeater shelf; adding a line card; deploying a new multiplexer or reconfiguring an existing multiplexer. Routine network modifications may entail activities such as accessing manholes, deploying bucket trucks to reach aerial cable, and installing equipment casings. Routine network modifications do not include the installation of new aerial or buried

cable for a requesting telecommunications carrier, and SBC KANSAS is not obligated to perform those activities for CLEC.

8.6.3 Notwithstanding anything to the contrary herein, SBC KANSAS obligations with respect to routine network modifications apply only where the dedicated transport transmission facilities are subject to unbundling.

8.7 Diversity

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

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

8.8 DS1 Declassification -- Subject to the cap described in Section 8.8.3, SBC KANSAS shall provide CLEC with access to UNE DS1 Dedicated Transport on routes, except routes where both wire centers defining the route are Tier 1 Wire Centers. As such SBC KANSAS must provide UNE DS1 Dedicated Transport under this Agreement only if a wire center at either end of a requested route is not a Tier 1 Wire Center, or if neither is a Tier 1 Wire Center. DS1 Dedicated Transport circuits on routes between Tier 1 Wire Centers are Declassified and no longer available as UNEs under this Agreement. Accordingly, CLEC may not order or otherwise obtain, and CLEC will cease ordering UNE DS1 Dedicated Transport on such route(s).

8.8.1 DS3 Declassification -- Subject to the cap described in Section 8.8.4, SBC KANSAS shall provide CLEC with access to UNE DS3 Dedicated Transport, except on routes where both wire centers defining the route are either Tier 1 or Tier 2 Wire Centers. As such SBC KANSAS must provide UNE DS3 Dedicated Transport under this Agreement only if a wire center on either end of the requested route is a Tier 3 Wire Center. If both wire centers defining a requested route are either Tier 1 or Tier 2 Wire Centers, then DS3 Dedicated Transport circuits on such routes are Declassified and no longer available as UNEs under this Agreement. Accordingly, CLEC may not order or otherwise obtain, and CLEC will cease ordering UNE DS3 Dedicated Transport on such route(s).

8.8.2 CLEC shall undertake a reasonably diligent inquiry to determine whether an order for a DS1 or DS3 UNE Dedicated Transport circuit satisfies the availability criteria set forth in Sections 8.8 and 8.8.1 above prior to submitting its order to SBC KANSAS. SBC KANSAS has posted and will post a list to its CLEC-Online website, identifying the wire centers where routes for DS1 and DS3 UNE Dedicated Transport are Declassified under Sections 8.8 and 8.8.1, above, and those Sections shall apply. For situations where SBC KANSAS' posted list does not identify a wire center(s) relevant to CLEC's order for DS1 or DS3 UNE Dedicated Transport, CLEC shall self-certify that based on that reasonable inquiry it is CLEC's reasonable belief, to the best of its knowledge, that its order satisfies the criteria in Sections 8.8 or 8.8.1, as applicable, to the particular UNE(s) sought. If CLEC's self-certification complies with this Section, SBC KANSAS shall provision the requested DS1 or DS3 transport circuit in accordance with CLEC's order and within SBC KANSAS' standard ordering interval applicable to such circuits. SBC KANSAS shall have the right to contest such orders, and CLEC's ability to obtain a requested DS1 or DS3 UNE Dedicated Transport only after provisioning, by notifying CLEC in writing of its dispute and, if the Parties are unable to resolve the dispute

to both Parties' satisfaction within 30 days of SBC KANSAS' written dispute notice, either Party may directly pursue any available legal or equitable remedy for resolution of the dispute. If the Parties determine through informal dispute resolution or if it is otherwise determined in a legally binding way (i.e. the determination has not been stayed pending appeal, if an appeal is being pursued) that CLEC was not entitled to the provisioned DS1 or DS3 UNE Dedicated Transport, the rates paid by CLEC for the affected Transport shall be subject to true-up and CLEC shall be required to transition from the UNE DS1 or DS3 Transport to an alternative service/facility within 30 days of such determination. If CLEC does not transition the Transport within the 30 day period, then SBC KANSAS, without further notice or liability, may disconnect the Transport.

8.8.3 DS3 Transport "Caps" -- SBC KANSAS is not obligated to provide to CLEC more than twelve(12) DS3 UNE Dedicated Transport circuits on each route on which DS3 Dedicated Transport has not been otherwise Declassified; accordingly, CLEC may not order or otherwise obtain, and CLEC will cease ordering unbundled DS3 Dedicated Transport once CLEC has already obtained twelve DS3 UNE Dedicated Transport circuits on the same route. If, notwithstanding this Section, CLEC submits such an order, at SBC KANSAS' option it may accept the order, but convert any requested DS3 UNE Dedicated Transport in excess of the cap to Special Access, and applicable Special Access charges will apply to CLEC for such DS3 Dedicated Transport circuits as of the date of provisioning.

8.8.4 DS1 Transport "Caps" CLEC may obtain a maximum of 10 DS1 Dedicated Transport circuits on each route for which SBC KANSAS is not required to provide DS3 Dedicated Transport, but is required to provide DS1 Dedicated Transport. CLEC may not order or otherwise obtain, and CLEC will cease ordering unbundled DS1 Dedicated Transport once CLEC has already obtained ten DS1 UNE Dedicated Transport circuits on a route to which the cap applies. If, notwithstanding this Section, CLEC submits such an order, at SBC KANSAS's option it may accept the order, but convert any requested DS1 UNE Dedicated Transport in excess of the cap to Special Access, and applicable Special Access charges will apply to CLEC for such DS1 Dedicated Transport circuits as of the date of provisioning.

8.8.5 Effect on Embedded Base. Upon Declassification of DS1 Dedicated Transport or DS3 Dedicated Transport already purchased by CLEC as UNEs under this Agreement, SBC KANSAS will provide written notice to CLEC of such Declassification and at the end of the thirty (30) day notice period, unless CLEC has submitted an LSR and/or ASR, as applicable, to SBC KANSAS requesting disconnection or other discontinuance of such UNE(s) or combination of UNEs, SBC KANSAS shall convert the subject UNE(s) or combination of UNEs to an analogous access service if available, or if no analogous access service is available, to such other service arrangement as SBC KANSAS and CLEC may agree upon (e.g., via a separate agreement at market-based rates or resale); provided, however, that where there is no analogous access service, if CLEC and SBC KANSAS have failed to reach agreement as to a substitute service within such thirty (30) day period, then SBC KANSAS may disconnect the subject UNE(s) or combination of UNEs.

8.8.5.1 Where such UNE(s) or combination of UNEs are converted to an analogous access service, SBC KANSAS shall provide such service(s) at the month-to-month rates, and in accordance with the terms and conditions of SBC KANSAS' applicable access tariff, with the effective bill date being the first day following the thirty (30) day notice period. CLEC shall pay all applicable termination charges, if any, for any such UNE(s) or combination of UNEs that CLEC requests SBC KANSAS to disconnect, or that SBC KANSAS disconnects as a result of the Parties' failure to reach agreement on a substitute service.

8.8.5.2 Products provided by SBC KANSAS in conjunction with UNE DS1 or DS3 Dedicated Transport (e.g. Cross-Connects) shall also be subject to re-pricing under this Section —where such Transport is Declassified.

8.8.6 The Parties agree that activity by SBC KANSAS under this Section 8.8 shall not be subject to the Network Disclosure Rules.

8.9 Transition for existing Section 251 unbundled DS1 and DS3 Transport See "Embedded Base Rider"

9.0 DIGITAL CROSS-CONNECT SYSTEM (DCS)

9.1 SBC KANSAS offers DCS as NRS (Network Reconfiguration Service) through the Federal Tariff F.C.C. No. 73, Section 18, Network Management Services, and CLEC may request NRS pursuant to the terms and conditions of that tariff.

10.0 911 OR E911 DATABASE

10.1 Access to the SBC KANSAS 911 or E911 call related databases will be provided as described in the 251(c)(3) 911 and E911 Appendix.

11.0 CROSS-CONNECTS

11.1 The cross connect is the media between the SBC KANSAS distribution frame and a CLEC designated collocated space, UNE Access Method, Subloop Access Method, or other SBC KANSAS Unbundled Network Elements purchased by CLEC.

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

11.3 The applicable Loop cross connects shall include, but shall not be limited to, the following:

11.3.1 2-Wire Analog Loop to Collocation
11.3.2 2-Wire Analog Loop to UNE Connection Methods point of access
11.3.3 2-Wire Analog Loop to Collocation (without testing)
11.3.4 4-Wire Analog Loop to Collocation
11.3.5 4-Wire Analog Loop to UNE Connection Methods point of access
11.3.6 4-Wire Analog Loop to Collocation (without testing)
11.3.7 2-Wire Digital Loop to Collocation
11.3.8 2-Wire Digital Loop to UNE Connection Methods point of access
11.3.9 2-Wire Digital Loop to Collocation (without testing)
11.3.10 Intentionally Left Blank
11.3.11 Intentionally Left Blank
11.3.12 DS1Digital Loop to Collocation/Mux
11.3.13 DSL Shielded Cross Connect to Collocation
11.3.14 2-Wire DSL non-shielded cross connect to Collocation
11.3.11 4-Wire DSL non-shielded cross connect to Collocation
11.3.16 DS3 loop to Collocation

11.4 The applicable dedicated transport cross connects include:

11.4.1 DS-1 to Collocation
11.4.2 DS-1- to mux

11.4.3 DS-1 to loop
11.4.4 DS-3 to Collocation
11.4.5 DS-3 to mux
11.4.6 DS-3 to loop
11.4.7 Dark fiber transport to Collocation

11.5 Cross connects to the collocation arrangement associated with unbundled local loops are available with or without automated testing and monitoring capability.

11.6 SBC KANSAS offers the choice of cross connects with subloop elements as detailed in Appendix Pricing. SBC KANSAS will charge CLEC the appropriate rate as shown on Appendix Pricing 251(c)(3) UNE – Schedule of Prices labeled "Subloop Cross Connect".

11.7 Cross connects must also be ordered with Unbundled Dedicated Transport (UDT).

11.7.1 SBC KANSAS will charge CLEC the applicable rates as shown on Appendix Pricing – Network Elements - Schedule of Prices labeled "Dedicated Transport Cross Connect". Available cross connects with UDT are detailed in Appendix Pricing:

11.7.2 When CLEC purchases Interoffice dark fiber, CLEC will pay the charges shown on Appendix Pricing – Network Elements - Schedule of Prices labeled "Dark Fiber to Collocation Cross Connects".

12.0 ADDITIONAL REQUIREMENTS APPLICABLE TO UNBUNDLED NETWORK ELEMENTS

This Section 12 sets forth additional requirements for Unbundled Network Elements which SBC KANSAS agrees to offer to CLEC under this Agreement.

12.1 SBC KANSAS will offer unbundled local loops with and without automated testing and monitoring services where technically feasible. If a CLEC uses its own testing and monitoring services, SBC KANSAS still must treat the test reports as its own for purposes of procedures and time intervals for clearing trouble reports.

12.2 Synchronization

12.2.1 Definition:

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

12.2.2 Technical Requirements

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

13.0 PRICING

13.1 Price Schedules

Attached hereto as Appendix Pricing – Network Elements is a schedule which reflects the prices at which SBC KANSAS agrees to furnish unbundled Network Elements.

APPENDIX PRICING – 251(c)(3) UNE

1.0 APPLICATION OF PRICES

1.1 CLEC agrees to compensate SBC KANSAS for use of 251(c)(3) Unbundled Network Elements (UNEs) at the rates contained in the Schedule of Prices in this Agreement.

1.2 Unless otherwise stated, SBC KANSAS will render a monthly bill for UNEs provided hereunder. Remittance in full will be due consistent with Section 10 of the General Terms and Conditions.

1.3 The attached Schedule of Prices sets forth the prices that SBC KANSAS will charge CLEC for UNEs and certain other items (e.g. Compensation Rates, Hosting Charges, E911 Charges).

1.4 Except for requests that are expressly made subject to the BFR process described in Section 2.37 of Attachment 6 ("BFR Elements"), CLEC may order, and SBC KANSAS will provide, all Attachment 6 Elements on the basis of the attached Schedule of Prices. The Parties agree that the Appendix Pricing UNE - Schedule of Prices contains a complete list of rate elements and charges associated with UNEs and other items, if any, offered by SBC KANSAS pursuant to this Agreement. This paragraph does not limit or expand the use of the BFR Process.

1.5 Zone 1 includes Rate Groups 1, 2, and 3 (rural) as defined in SBC KANSAS' Local Exchange Tariff. Zone 2 includes Rate Groups 4, 5,and 6 (suburban) as defined in SBC KANSAS' Local Exchange Tariff. Zone 3 includes Rate Groups 7 and 8 (urban) as defined in SBC KANSAS' Local Exchange Tariff.

2.0 RECURRING CHARGES

2.1 Recurring Charges, where applicable, are as shown in Appendix-Pricing-UNE.

2.2 Where Rates are shown as monthly, a month will be defined as a calendar month. The minimum term for each monthly rated element will be one (1) month. After the initial month, billing will be on the basis of whole or fractional months used.

2.3 Where rates are based on miles, the mileage will be calculated on the airline distance involved between the locations. To determine the rate to be billed, SBC KANSAS will first compute the mileage using the V&H coordinates method, as set forth in the National Exchange Carrier Association, Inc. Tariff F.C.C. No 4. When the calculation results in a fraction of a mile, SBC KANSAS will round up to the next whole before determining the mileage and applying rates.

3.0 NON-RECURRING CHARGES

3.1 Non-recurring charges for UNEs are included on Appendix Pricing UNE - Schedule of Prices.

3.2 SBC KANSAS offers the following order types. When CLEC issues service orders, CLEC will pay the applicable service order charges contained in Appendix Pricing UNE - Schedule of Prices labeled "Service Order Charges - Unbundled Network Element".

3.2.1 The charges described in this Section are separate and distinct from the charges described immediately above. When an existing CLEC UNE customer changes the Presubscribed Interexchange Carrier (PIC), a single charge will apply. For additional PIC changes on that same order, SBC KANSAS will charge for each additional PIC.

3.3 Simple and Complex Service Orders

3.3.1 Appendix Pricing UNE – Schedule of Prices lists a "Simple" and "Complex" price for each Service Order type. Those prices will be applied in accordance with the definitions of Simple and Complex Service Orders set forth below.

3.3.2 Simple and complex Service Order: If SBC KANSAS handles an electronically placed order on a flow-through to completion basis, the order is simple. All other electronically placed orders are complex. Manually submitted orders will also be billed as either simple or complex as appropriate to the service being ordered.

4.0 MAINTENANCE OF SERVICE, TIME AND MATERIALS, AND NON PRODUCTIVE DISPATCH CHARGES

4.1 If CLEC requests or approves an SBC KANSAS technician to perform special installation, maintenance, or conversion services for Unbundled Network Elements excluding services which SBC KANSAS is required to provide under Attachment 6, Attachment 8, or otherwise under this Agreement, CLEC will pay Maintenance of Service and/or Time and Material Charges for such services as are reasonably required, including requests for installation or conversion outside of normally scheduled working hours.

4.2 If CLEC provides its own testing for UNEs and its testing produces incorrect information which results in SBC KANSAS dispatching a repair crew unnecessarily, then CLEC will pay SBC KANSAS a non productive dispatch charge.

4.3 Consistent with Attachment 8 Maintenance UNE, if CLEC determines that trouble has occurred in SBC KANSAS' equipment and/or facilities, CLEC will issue a trouble report to SBC KANSAS.

4.4 CLEC will pay Maintenance of Service charges for technicians' time reasonably required when CLEC reports a suspected failure of a network element and SBC KANSAS dispatches personnel to the end user's premises or a SBC KANSAS central office and trouble was not caused by SBC KANSAS' facilities or equipment. Maintenance of Service charges will include all technicians dispatched, including technicians dispatched to other locations for purposes of testing.

4.5 CLEC will pay Maintenance of Service charges for technicians' time reasonably required when CLEC reports a suspected failure of a UNE and SBC KANSAS dispatches personnel and the trouble is in equipment or communications systems provided by an entity other than SBC KANSAS or in detariffed CPE provided by SBC KANSAS, unless covered under a separate maintenance agreement.

4.6 If CLEC issues a trouble report allowing SBC KANSAS access to the end user's premises and SBC KANSAS personnel are dispatched but denied access to the premises, then Non Productive Dispatch charges for technicians' time reasonably required will apply. Subsequently, if SBC KANSAS personnel are allowed access to the premises, the Non Productive Dispatch charges will still apply.

4.7 Time and Materials and/or Maintenance of Service and/or Non Productive Dispatch charges apply on a first and additional basis for each half hour or fraction thereof, except where the Schedule of Prices provides for per dispatch charges. If more than one technician is dispatched in conjunction with the same trouble report, the total time for all technicians dispatched will be aggregated prior to the distribution of time between the "First Half Hour or Fraction Thereof": and "Each Additional Half Hour or Fraction Thereof" rate categories. Basic Time is considered to be Monday through Friday 8 a.m. to 5 p.m. (CT) which is SBC KANSAS' normally scheduled work day. SBC KANSAS' normally scheduled work week is Monday through Saturday. Overtime applies when work is out of a normally scheduled work day during a normally scheduled work week (i.e., weekday nights and/or Saturdays). Premium time is time worked outside of SBC KANSAS' normally scheduled work week and includes Sundays and Holidays. Any time not consecutive with SBC KANSAS' normally scheduled work day may be subject to a minimum charge of two hours if dispatch of an off duty SBC KANSAS employee is necessary.

4.8 SBC KANSAS will bill CLEC Time and Materials, Non Productive Dispatch and/or Maintenance of Service Charges only pursuant to CLEC's authorization, including authorizing a dispatch, consistent with procedures outlined in this Agreement.

4.9 SBC KANSAS will manage costs of Time and Materials, Non Productive Dispatch and Maintenance of Service Charges activities charged to CLEC in a manner that is consistent with SBC KANSAS' internal management of those costs.

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

SBC KANAS/XSPEDIUS COMMUNICATIONS

UNE/Service	MONTHLY RATE KANSAS		Nonrecurring Rate First Kansas		Nonrecurring Rate Additional Kansas	
Network Interface Device						
Disconnect Loop from inside wiring, per NID	None		$ 15.37	(11)	$ 10.25	(11)
Unbundled Loops						
2W Analog Zone 1	$ 23.34	(1)	$ 23.06	(11)	$ 10.88	(11)
2W Analog Zone 2	$ 13.64	(1)	$ 23.06	(11)	$ 10.88	(11)
2W Analog Zone 3	$ 11.86	(1)	$ 23.06	(11)	$ 10.88	(11)
Conditioning for dB Loss	$ 7.81	(1)	$ 17.54	(11)	$ 8.58	(11)
4W Analog Zone 1	$ 41.76	(1)	$ 47.60	(11)	$ 23.00	(11)
4W Analog Zone 2	$ 23.94	(1)	$ 47.60	(11)	$ 23.00	(11)
4W Analog Zone 3	$ 19.44	(1)	$ 47.60	(11)	$ 23.00	(11)
2W Digital Zone 1	$ 32.21	(2)	$ 15.03	(11)	$ 6.22	(11)
2W Digital Zone 2	$ 18.82	(2)	$ 15.03	(11)	$ 6.22	(11)
2W Digital Zone 3	$ 16.37	(2)	$ 15.03	(11)	$ 6.22	(11)
DS1 Digital Zone 1	$ 88.48	(1)	$ 68.40	(11)	$ 27.25	(11)
DS1 Digital Zone 2	$ 70.26	(1)	$ 68.40	(11)	$ 27.25	(11)
DS1 Digital Zone 3	$ 64.78	(1)	$ 68.40	(11)	$ 27.25	(11)
DS3 Loop Zone 1 (Rural)	$ 953.29		$ 776.69		$ 343.67	
DS3 Loop Zone 2 (Suburban)	$ 946.01		$ 776.69		$ 343.67	
DS3 Loop Zone 3 (Urban)	$ 709.30		$ 776.69		$ 343.67	
xDSL Capable Loops						
2 Wire xDSL Loop Zone 1	$ 23.34		$ 23.06		$ 10.88	
2 Wire xDSL Loop Zone 2	$ 13.64		$ 23.06		$ 10.88	
2 Wire xDSL Loop Zone 3	$ 11.86		$ 23.06		$ 10.88	
4 Wire xDSL Loop Zone 1	$ 41.76		$ 47.60		$ 23.00	(12)
4 Wire xDSL Loop Zone 2	$ 23.94		$ 47.60		$ 23.00	(12)
4 Wire xDSL Loop Zone 3	$ 19.44		$ 47.60		$ 23.00	(12)
IDSL Capable Loops						
IDSL Loop Zone 1 (Rural)	$ 32.21		$ 15.03		$ 6.22	
IDSL Loop Zone 2 (Suburban)	$ 18.82		$ 15.03		$ 6.22	
IDSL Loop Zone 3 (Urban)	$ 16.37		$ 15.03		$ 6.22	
Loop Cross Connects - Shielded (with testing unless otherwise noted)						
Analog Loop to Collo 2W (same CO)	$ 1.47	(1)	$ 17.29	(11)	$ 17.29	(11)
Analog Loop to Collo 2W w/o testing (same CO)	$ 0.24	(1)	$ 13.69	(11)	$ 7.43	(11)
Analog Loop to Collo 4W (same CO)	$ 2.95	(1)	$ 29.56	(11)	$ 29.56	(11)
Analog Loop to Collo 4W w/o testing (same CO)	$ 0.48	(1)	$ 20.45	(11)	$ 13.80	(11)
Digital Loop to Collo 2W (same CO)	$ 1.47	(1)	$ 17.29	(11)	$ 17.29	(11)
Digital Loop to Collo 2W w/o testing (same CO)	$ 0.24	(1)	$ 17.29	(11)	$ 17.29	(11)
DS1 Digital Loop to Collo (same CO)	$ 11.30	(1)	$ 39.05	(11)	$ 32.15	(11)
DS1 Digital Loop to Collo w/o testing (same CO)	$ 11.30	(1)	$ 34.99	(11)	$ 29.04	(11)
Analog Loop to Collo/Mux 2W	$ 3.26	(1)	$ 17.29	(11)	$ 17.29	(11)
Analog Loop to Collo/Mux 2W w/o testing	$ 3.26	(1)	$ 17.29	(11)	$ 9.90	(11)
Analog Loop to Collo/Mux 4W	$ 4.54	(1)	$ 31.75	(11)	$ 30.45	(11)
Analog Loop to Collo/Mux 4W w/o testing	$ 4.54	(1)	$ 20.45	(11)	$ 13.80	(11)
Digital Loop to Collo/Mux 2W	$ 7.47	(1)	$ 17.29	(11)	$ 17.29	(11)
Digital Loop to Collo/Mux 2W w/o testing	$ 7.47	(1)	$ 17.29	(11)	$ 9.90	(11)
DS1 Digital Loop to Collo/Mux	$ 7.23	(1)	$ 34.91	(11)	$ 24.11	(11)
DS1 Digital Loop to Collo/Mux w/o testing	$ 7.23	(1)	$ 34.91	(11)	$ 13.80	(11)
DS3 Loop to collocation	$ 25.64		$ 143.08		$ 100.07	
xDSL Cross Connect Charge – Standard:						
2-wire Analog	$ 1.47	(12)	$ 17.29	(12)	$ 17.29	(12)
2-wire Analog w/o testing	$ 0.24	(1)	$ 13.69	(11)	$ 7.43	(11)

SBC KANAS/XSPEDIUS COMMUNICATIONS

UNE/Service	MONTHLY RATE KANSAS		Nonrecurring Rate First Kansas		Nonrecurring Rate Additional Kansas	
4-wire Analog	$2.95	(12)	$ 29.56	(12)	$ 29.56	(12)
4-wire Analog w/o testing	$ 0.48	(1)	$ 20.45	(11)	$ 13.80	(11)
2-wire Digital	$ 1.47	(12)	$ 17.29	(12)	$ 17.29	(12)
2-wire Digital w/o testing	$ 0.24	(1)	$ 17.29	(11)	$ 17.29	(11)
4-wire Digital	$ 7.23	(1)	$ 34.91	(11)	$ 24.11	(11)
4-wire Digital w/o testing	$ 7.23	(1)	$ 34.91	(11)	$ 13.80	(11)
xDSL Cross Connect Charge – Shielded:						
2-wire Analog	$ 0.68	(12)	$ 17.29	(12)	$ 17.29	(12)
2-wire Analog w/o testing	$ 0.24	(1)	$ 13.69	(11)	$ 7.43	(11)
4-wire Analog	$ 2.49	(12)	$ 29.56	(12)	$ 29.56	(12)
4-wire Analog w/o testing	$ 0.48	(1)	$ 20.45	(11)	$ 13.80	(11)
2-wire Digital	$ 1.47	(1)	$ 17.29	(11)	$ 17.29	(11)
2-wire Digital w/o testing	$ 0.24	(1)	$ 17.29	(11)	$ 17.29	(11)
4-wire Digital	$ 11.30	(1)	$ 39.05	(11)	$ 34.16	(11)
4-wire Digital w/o testing	$ 11.30	(1)	$ 34.99	(11)	$ 29.04	(11)
Subloop Distribution						
2W Analog Zone 1	$ 17.23	(1)	$ 80.81	(11)	$ 32.78	(11)
2W Analog Zone 2	$ 8.43	(1)	$ 80.81	(11)	$ 32.78	(11)
2W Analog Zone 3	$ 5.59	(1)	$ 80.81	(11)	$ 32.78	(11)
4W Analog Zone 1	$ 33.30	(1)	$ 88.99	(11)	$ 36.49	(11)
4W Analog Zone 2	$ 15.78	(1)	$ 88.99	(11)	$ 36.49	(11)
4W Analog Zone 3	$ 9.96	(1)	$ 88.99	(11)	$ 36.49	(11)
2W Digital Zone 1	$ 20.23	(1)	$ 88.16	(11)	$ 35.36	(11)
2W Digital Zone 2	$ 11.39	(1)	$ 88.16	(11)	$ 35.36	(11)
2W Digital Zone 3	$ 8.13	(1)	$ 88.16	(11)	$ 35.36	(11)
DS1 Digital Zone 1	$ 32.84	(1)	$ 127.88	(11)	$ 50.63	(11)
DS1 Digital Zone 2	$ 15.14	(1)	$ 127.88	(11)	$ 50.63	(11)
DS1 Digital Zone 3	$ 9.26	(1)	$ 127.88	(11)	$ 50.63	(11)
Subloop Cross Connect						
2W	$ -	(6)	$ 70.20	(11)	$ 46.35	(11)
4W	$ -	(6)	$ 78.50	(11)	$ 50.50	(11)
Subloop Cross Connect 2-Wire DSL Non-Central Office Originating	None		$ 295.96		$ 112.32	(12)
DSL Conditioning Options						
**** All Conditioning Rates are Interim and subject to true-up.(cite 01-GIMT-032-GIT)**						
** Removal of Repeater (> than 12,000 kft <than 18,000 kft in length)	N/A		$ 610.45			(12)
** Removal of Excessive Bridged Tap and Repeater (> than 12,000 kft < than 18,000 kft in length)	N/A		$ 849.59			(12)
**Removal of Excessive Bridged Tap (> than 12,000 kft < than 18,000 kft in length)	N/A		$ 748.54			(12)
** Removal of Excessive Bridged Tap & Load Coil (> than 12,000 feet in length)	N/A		$ 1,108.76			(12)
** Removal of Load Coil (> than 12,000 kft < than 18,000 kft in length)	N/A		$ 883.94			(12)
** Removal of Repeater & Load Coil (> than 12,000 feet in length)	N/A		$ 100.00			(12)
** Removal of Repeater (> than 18,000 Kft in length)	N/A		$ 610.45			(12)
** Removal of Excessive Bridged Tap and Repeater (> than 18,000 kft in length)	N/A		$ 790.35			(12)

SBC KANAS/XSPEDIUS COMMUNICATIONS

UNE/Service	MONTHLY RATE KANSAS		Nonrecurring Rate First Kansas		Nonrecurring Rate Additional Kansas	
** Removal of Excessive Bridged Tap (> than 18,000 kft in length)	N/A		$ 552.22			(12)
** Removal of Excessive Bridged Tap & Load Coil (> than 18,000 kft in length)	N/A		$ 750.96			(12)
** Removal of Load Coil (> than 18,000 kft in length)	N/A		$ 567.37			(12)
** Removal of Repeater & Load Coil (> than 18,000 kft in length)	N/A		$ 100.00			(12)
Line & Station Transfer	N/A					
Simple			$ 39.45		$ 18.46	
Complex			$ 90.85		$ 68.04	
Loop Qualification for DSL						
Manual Loop Qualification			$ 25.65		$ -	(12)
Mechanized Loop Qualification			$ 0.06		$ -	(12)
Interoffice Dedicated Transport						
VG Interoffice Transport - Urban Term.	$ 12.74	(6)	$ 17.88	(11)	$ 17.88	(11)
VG Interoffice Transport - Suburban Term.	$ 12.89	(6)	$ 17.88	(11)	$ 17.88	(11)
VG Interoffice Transport - Rural Term.	$ 13.25	(6)	$ 17.88	(11)	$ 17.88	(11)
VG Interoffice Transport - Interzone Term.	$ 13.87	(6)	$ 17.88	(11)	$ 17.88	(11)
VG Interoffice Transport - Urban Mile	$ 0.011	(6)			N/A	
VG Interoffice Transport - Suburban Mile	$ 0.057	(6)	N/A	(11)	N/A	(11)
VG Interoffice Transport - Rural Mile	$ 0.113	(6)	N/A	(11)	N/A	(11)
VG Interoffice Transport - Interzone Mile	$ 0.057	(6)	N/A	(11)	N/A	(11)
DS1 Interoffice Transport - Urban Term.	$ 40.78	(1)	$ 136.65	(11)	$ 78.80	(11)
DS1 Interoffice Transport - Suburban Term.	$ 44.59	(1)	$ 136.65	(11)	$ 78.80	(11)
DS1 Interoffice Transport - Rural Term.	$ 51.89	(1)	$ 136.65	(11)	$ 78.80	(11)
DS1 Interoffice Transport - Interzone Term.	$ 46.86	(1)	$ 136.65	(11)	$ 78.80	(11)
DS1 Interoffice Transport - Urban Mile	$ 0.32	(1)	N/A	(11)	N/A	(11)
DS1 Interoffice Transport - Suburban Mile	$ 0.72	(1)	N/A	(11)	N/A	(11)
DS1 Interoffice Transport - Rural Mile	$ 1.53	(1)	N/A	(11)	N/A	(11)
DS1 Interoffice Transport - Interzone Mile	$ 0.35	(1)	N/A	(11)	N/A	(11)
DS3 Interoffice Transport - Urban Term.	$ 478.64	(1)	$ 158.10	(11)	$ 97.75	(11)
DS3 Interoffice Transport - Suburban Term.	$ 596.55	(1)	$ 158.10	(11)	$ 97.75	(11)
DS3 Interoffice Transport - Rural Term.	N/A	(1)	$ 158.10	(11)	$ 97.75	(11)
DS3 Interoffice Transport - Interzone Term.	$ 512.30	(1)	$ 158.10	(11)	$ 97.75	(11)
DS3 Interoffice Transport - Urban Mile	$ 12.83	(1)	N/A	(11)	N/A	(11)
DS3 Interoffice Transport - Suburban Mile	$ 17.51	(1)	N/A	(11)	N/A	(11)
DS3 Interoffice Transport - Rural Mile	N/A	(1)	N/A	(11)	N/A	(11)
DS3 Interoffice Transport - Interzone Mile	$ 2.85	(1)	N/A	(11)	N/A	(11)

SBC KANAS/XSPEDIUS COMMUNICATIONS

UNE/Service	MONTHLY RATE KANSAS		Nonrecurring Rate First Kansas		Nonrecurring Rate Additional Kansas	
Dedicated Transport Cross Connect						
DS1	$ 7.12	(1)	$ 73.88	(11)	$ 60.23	(11)
DS3	$ 23.61	(1)	$ 68.75	(11)	$ 50.55	(11)
Voice Grade 2W	$ 11.15	(4)	$ 184.09	(11)	$ 150.11	(11)
VG 4W	$ 4.05	(6)	$ 53.06	(11)	$ 38.50	(11)
Multiplexing						
VG to DS1	$ 119.03	(1)	$ 96.84	(11)	$ 48.51	(11)
DS1 to DS3	$ 359.83	(1)	$ 777.51	(11)	$ 439.79	(11)
Dark Fiber Interoffice						
Mileage per Foor per strand						
Zone 1	$ 0.00440					(12)
Zone 2	$ 0.00385					(12)
Zone 3	$ 0.00377					(12)
Inquiry	NA		$ 656.67		$ 656.67	(12)
Termination Firm Order - per Strand Install	$ 74.83		$ 340.24		$ 340.24	(12)
Termination Firm Order - per Strand Disconnect	NA		$ 90.40		$ 90.40	(12)
Interoffice Cross-Connect per strand	$ 1.71	(3)	$ 56.50	(11)	$ 44.10	(11)
Service Order Charges - Unbundled Elements - Manual						
New Simple	None		$ 11.25	(11)	None	(11)
New Complex	None		$ 11.25	(11)	None	(11)
Change Simple	None		$ 11.25	(11)	None	(11)
Change Complex	None		$ 11.25	(11)	None	(11)
Record Simple	None		$ 11.25	(11)	None	(11)
Record Complex	None		$ 11.25	(11)	None	(11)
Disconnect Simple	None		$ 11.25	(11)	None	(11)
Disconnect Complex	None		$ 11.25	(11)	None	(11)
Suspend/Restore Simple	None		$ 11.25	(11)	None	(11)
Suspend/Restore Complex	None		$ 11.25	(11)	None	(11)
Expedited Simple	None		$ 11.25	(11)	None	(11)
Expedited Complex	None		$ 11.25	(11)	None	(11)
Customer Not Ready Simple	None		$ 11.25	(11)	None	(11)
Customer Not Ready Complex	None		$ 11.25	(11)	None	(11)
Due Date Change or Cancellation Simple	None		$ 11.25	(11)	None	(11)
PIC Change Charge	None		$ 2.58	(11)	(on same order) $0.05	(11)
Due Date Change or Cancellation Complex	None		$ 11.25	(11)	None	(11)
Mechanized UNE Service Order Charge	None		$ 2.35	(11)	None	(11)
Maintenance of Service Charges						
Basic Time - per half hour	None		$ 46.76	(11)	$ 29.97	(11)
Overtime - per half hour	None		$ 58.35	(11)	$ 37.70	(11)
Premium Time - per half hour	None		$ 69.94	(11)	$ 45.42	(11)
Time and Materials Charges						
Basic Time - per half hour	None		$ 46.76	(11)	$ 29.97	(11)
Overtime - per half hour	None		$ 58.35	(11)	$ 37.70	(11)
Premium Time - per half hour	None		$ 69.94	(11)	$ 45.42	(11)
Nonproductive Dispatch Charges						
Basic Time - per half hour	None		$ 46.76	(11)	$ 29.97	(11)
Overtime - per half hour	None		$ 58.35	(11)	$ 37.70	(11)
Premium Time - per half hour	None		$ 69.94	(11)	$ 45.42	(11)
Miscellaneous						
Performance Data	ICB	(6)	ICB	(6)	ICB	
Special Request Processing	ICB	(6)	ICB	(6)	ICB	
BCR						
Per local message	$ 0.080	(4)	None		None	
Per interstate local message	$ 0.050	(4)	None		None	

SBC KANAS/XSPEDIUS COMMUNICATIONS

UNE/Service	MONTHLY RATE KANSAS		Nonrecurring Rate First Kansas		Nonrecurring Rate Additional Kansas	
Clearinghouse						
Per originating message	$ 0.020	(4)	None		None	
Per end user message billed	$ 0.050	(4)	None		None	
Recording						
Recording/Access Usage Rec.	$ 0.010	(4)	None		None	
Assembly and Editing per Mssg	$ 0.005	(4)	None		None	
Rating per Mssg	$ 0.005	(4)	None		None	
Message Processing per Mssg	$ 0.005	(4)	None		None	
Provision of Mess. Detail / rec.	$ 0.003	(4)	None		None	
Source Info Provided per rec. furnished - meet point billing applicable	$ 0.001150	(4)	None		None	
Source Info Provided per rec. furnished - meet point billing not applicable	$ 0.023	(4)	None		None	
Hosting						
Full Status RAO Company - Hosting Company Network per billable mssg	$ 0.0020	(4)	None		None	
Full Status RAO Company - Nat'l CMDS Network per billable mssg	$ 0.0050	(4)	None		None	
Non-Full Status RAO Company - Hosting Company Network per billable mssg	$ 0.0070	(4)	None		None	
Non-Full Status RAO Company - Nat'l CMDS Network per billable mssg	$ 0.0010	(4)	None		None	
Non-Full Status RAO Company - Delivery per record charge per billable mssg.	$ 0.0030	(4)	None		None	
E911						
Trunk Charge per channel	$ 22.86	(1)	$ 312.00	(1)	$ 312.00	(1)
INTERCARRIER COMPENSATION						
The following rates are applicable for Section 251(b)(5) Traffic if **Option 1** is elected:						
End Office Switching						
Zone 3/Urban, per MOU	$ 0.001310	(1)	None		None	
Zone 2/Suburban, per MOU	$ 0.001690	(1)	None		None	
Zone 1/Rural, per MOU	$ 0.002530	(1)	None		None	
Tandem Switching						
Duration charge, per MOU	$ 0.000789	(1)	None		None	
Tandem Transport Termination						
Termination MOU Zone 3 (Urban)	$ 0.000157	(1)	None		None	
Termination MOU Zone 2 (Suburban)	$ 0.000171	(1)	None		None	
Termination MOU Zone 1 (Rural)	$ 0.000196	(1)	None		None	
Termination MOU Interzone	$ 0.000186	(1)	None		None	
Tandem Transport Facility Mileage						
Facilities per mile per MOU Zone 3 (Urban)	$ 0.000001	(1)	None		None	
Facilities per mile per MOU Zone 2 (Suburban)	$ 0.000003	(1)	None		None	
Facilities per mile per MOU Zone 1 (Rural)	$ 0.000006	(1)	None		None	
Facilities per mile per MOU Interzone	$ 0.000001	(1)	None		None	
Blended Transport						
Zone 3 (Urban)	$ 0.0004007	(1)	None		None	
Zone 2 (Suburban)	$ 0.0004287	(1)	None		None	
Zone 1 (Rural)	$ 0.0004747	(1)	None		None	
Interzone	$ 0.0004297	(1)	None		None	
Rate for Presumed ISP-Bound Traffic as per FCC 01-131	$ 0.0007	(1)	None		None	
Optional Calling Area (OCA) Service Compensation per MOU						
Zone 3 (Urban)	$0.002280	(1)				
Zone 2 (Suburban)	$0.002721	(1)				
Zone 1 (Rural)	$0.003658	(1)				

SBC KANAS/XSPEDIUS COMMUNICATIONS

UNE/Service	MONTHLY RATE KANSAS		Nonrecurring Rate First Kansas		Nonrecurring Rate Additional Kansas	
The following rates are applicable for Section 251(b)(5) Traffic and ISP-Bound Traffic if **Option 2** is elected:						
Rate for All ISP-Bound and Section 251(b)(5) Traffic as per FCC 01-131, per MOU	$ 0.0007	(1)	None		None	
Optional Calling Area (OCA) Service Compensation per MOU						
Zone 3 (Urban)	$0.002280	(1)				
Zone 2 (Suburban)	$0.002721	(1)				
Zone 1 (Rural)	$0.003658	(1)				
The following rates are applicable for In-Balance Section 251(b)(5) Traffic and ISP-Bound Traffic if **Option 3** (Long Term Bill and Keep) is elected:						
End Office Switching						
Zone 3/Urban, per MOU	$0.00	(1)	None		None	
Zone 2/Suburban, per MOU	$0.00	(1)	None		None	
Zone 1/Rural, per MOU	$0.00	(1)	None		None	
Tandem Switching						
Duration charge, per MOU	$0.00	(1)	None		None	
Tandem Transport Termination						
Termination MOU Zone 3 (Urban)	$0.00	(1)	None		None	
Termination MOU Zone 2 (Suburban)	$0.00	(1)	None		None	
Termination MOU Zone 1 (Rural)	$0.00	(1)	None		None	
Termination MOU Interzone	$0.00	(1)	None		None	
Tandem Transport Facility Mileage						
Facilities per mile per MOU Zone 3 (Urban)	$0.00	(1)	None		None	
Facilities per mile per MOU Zone 2 (Suburban)	$0.00	(1)	None		None	
Facilities per mile per MOU Zone 1 (Rural)	$0.00	(1)	None		None	
Facilities per mile per MOU Interzone	$0.00	(1)	None		None	
Blended Transport						
Zone 3 (Urban)	$0.00	(1)	None		None	
Zone 2 (Suburban)	$0.00	(1)	None		None	
Zone 1 (Rural)	$0.00	(1)	None		None	
Interzone	$0.00	(1)	None		None	
Rate for Presumed ISP-Bound Traffic as per FCC 01-131	$0.00	(1)	None		None	
Optional Calling Area (OCA) Service Compensation per MOU						
Zone 3 (Urban)	$0.002280	(1)				
Zone 2 (Suburban)	$0.002721	(1)				
Zone 1 (Rural)	$0.003658	(1)				
Transit Compensation						
Zone 3/Urban	$0.000953	(1)	None		None	
Zone 2/Suburban	$0.000981	(1)	None		None	
Zone 1/Rural	$0.001027	(1)	None		None	
Tandem Switching	$0.000789	(1)	None		None	
White Pages Listings						
Zone 1/Rural	$ 0.490	(1)	None		None	
Zone 2/Suburban	$ 0.1092	(1)	None		None	
Zone 3	$ 0.1092	(1)	None		None	
NRC to enter or delete	N/A		$ 0.330	(1)	None	
Poles, Ducts, and Conduit						
Pole Attachment per pole per yr	$ 1.75	(8)	None		None	
Conduit Space, per duct ft. per yr	$ 0.59	(8)	None		None	
Inner Duct, per duct foot per year	$ 0.295	(8)	None		None	
Fee for Admin. Approval of requests for pole attach. and conduit space	$ 125.00	(6)	None		None	

SBC KANAS/XSPEDIUS COMMUNICATIONS

UNE/Service	MONTHLY RATE KANSAS		Nonrecurring Rate First Kansas		Nonrecurring Rate Additional Kansas	
INP Remote						
Per line	None	(6)	None		None	
Add'l Path	None	(6)	None		None	
INP Direct	None	(6)	None		None	
Number	None	(6)	None		None	
Trunk Termination	None	(6)	None		None	
D4 Channel Bank	None	(6)	None		None	
DID Nonrecurring per #	None	(6)	None		None	
DID NRC Transport per MOU	None	(6)	None		None	
INP Optional Additive	$.024 or $.0355 per MOU (or $6.25 per mo)	(6)	None		None	
Conversion Order Charges for Resold Services						
Mechanized Simple	None		$ 2.35	(1)	None	
Mechanized Complex	None		$ 2.35	(1)	None	
Simple Manual	None		$ 11.25	(1)	None	
Complex Manual	None		$ 11.25	(1)	None	
NXX Migration per NXX	None		$ 10,000.00	(4)	$ 10,000.00	(4)
Local Disconnect Report	$ 0.003	(6)	None	(6)	None	
Central Office Access Charge						
Residential	None	(6)	$ 16.35	(6)	None	(6)
Business	None	(6)	$ 21.30	(6)	None	(6)
OS/DA						
Charge per DA call	$ 0.355					
Directory Assistance Call Completion (DACC)Rate per completed call	$ 0.0337					
Charge per NDA call	$ 0.650					
DA Non-Pub Emergency Service	$ 2.000					
Semi Auto OS	$ 0.0166					
Operator Assisted per work sec	$ 0.0166					
Operator Services - Fully Automated Call Processing (Per completed automated call) including Fully Automated Collect, Bill to Third Number, and Calling Card Service	$ 0.135					
Line Status Verification	$ 0.0166					
Busy Line Interrupt	$ 0.0166					
Branding						
- Initial Load	NA		$ 1,800.00		NA	
- Subsequent Load	NA		$ 1,150.00		NA	
- Per Call	$ 0.0200	*	NA		NA	
OS Reference/Rate Service (initial)			$ 2,200.00			
DA Reference/Rate Service (initial)			$ 2,200.00			
OS Reference/Rate Service (subsequent)			$ 1,000.00			
DA Reference/Rate Service (subsequent)			$ 1,000.00			
Operator Handled Station-to-Station	$ 0.0166					
Operator Handled Person-to-Person	$ 0.0166					
Operator Transfer Service	$ 0.0166					
Reverse Directory Assistance (RDA)	$0.65					
Business Category Search (BCS)	$0.65					

(1) Prices determined by the KCC in Docket No. 97-SCCC-149-GIT

(2) Interim price determined by the KCC in Docket No. 97-SCCC-149-GIT subject to true-up pending further KCC review in Docket No. 01-GIMT-032-GIT..

(3) Interim price in an interconnection agreement approved by the KCC subject to true-up pending the out come ofDkt. 97-SCCC-149-GIT, Dkt. 99-SCCC-710-ARB, or Dkt. 00-DCIT-389-ARB.

(4) Interim price in an interconnection agreement approved by the KCC but prices are not pending review

SBC KANAS/XSPEDIUS COMMUNICATIONS

UNE/Service	MONTHLY RATE KANSAS		Nonrecurring Rate First Kansas		Nonrecurring Rate Additional Kansas	
by the KCC at this time; subject to true-up if requested by a CLEC.						
(5) Interim price in the T2A subject to true-up pending review of the KCC in Dkt. 97-SCCC-149-GIT.						
(6) Interim price set in the T2A; not addressed in any Kansas interconnection agreement or proceedings;						
subject to true-up if requested by a CLEC.						
(8) Price determined using the formula and methodology adopted by the FCC in CC Docket No. 86-212,						
Amendment of Rules and Policies Governing the Attachment of Cable Television						
Hardware to Utility Poles (released July 23, 1987).						
(9) SWB will file a cost study 60 days from the date of CLEC's request for OC48 dedicated transport or						
90 days from deployment of OC192 or higher facilities in Kansas per KCC Order dated						
June 23, 2000 in Dkt. 97-SCCC-149-GIT.						
(10) In compliance with the SBC Communications, Inc. (“SBC”) / Ameritech Merger Order, SWBT waives						
access and connectivity charges to its OSS to all CLECs in Kansas until October, 2002.						
See SBC/Ameritech Merger Order, 14 FCC Rcd at 15009-10, Appendix C, paragraph 35 and ,						
14 FCC Rcd at 15038 Appendix C, paragraph 74. Upon completion of merger conditions,						
the prices in section 15 of the Appendix Services/Prices are effective.						
(11) Discounted NRCs pursuant to the amended ex parte presentation filed by SWBT with the FCC						
on December 28, 2000 in CC Docket No. 00-217.						
(12) Prices determined by the KCC in Docket No. 01-GIMT-032-GIT.						

Available Commingled Arrangements	
Available = **X**	
Testing in Process = *****	
Subject to Eligibility Criteria = **#**	
Commingled Arrangement	**KS**
UNE DS0 Loop connected to a channelized Special Access DS1 Interoffice Facility, via a special access 1/0 mux	X
UNE DS1 Loop connected to a non-channelized Special Access DS1 Interoffice Facility #	X
UNE DS1 Loop connected to a channelized Special Access DS3 Interoffice Facility, via a special access 3/1 mux #	X
UNE DS3 Loop connected to a non-channelized Special Access DS3 Interoffice Facility #	X
UNE DS3 Loop connected to a non-concatenated Special Access Higher Capacity Interoffice Facility (e.g., SONET Service) #	X
UNE DS1 Dedicated Transport connected to a channelized Special Access DS3 channel termination #	X
UNE DS3 Dedicated Transport connected to a non-channelized Special Access DS3 channel termination #	X
UNE DS3 Dedicated Transport connected to a non-concatenated Special Access Higher Capacity channel termination (i.e., SONET Service) #	X
Special Access DS0 channel termination connected to channelized UNE DS1 Dedicated Transport, via a 1/0 UNE mux	X
Special Access DS1 channel termination connected to non-channelized UNE DS1 Dedicated Transport #	X
Special Access DS1 channel termination connected to channelized UNE DS3 Dedicated Transport, via a 3/1 UNE mux #	X

ATTACHMENT 7: ORDERING AND PROVISIONING 251(C)(3) UNBUNDLED NETWORK ELEMENTS

1.0 GENERAL REQUIREMENTS

1.1 SBC KANSAS will provide pre-order, ordering and provisioning services to CLEC associated with 251(c)(3) unbundled Network Elements ("251(c)(3) UNEs"), pursuant to the requirements set forth in this Attachment 7: Ordering and Provisioning – 251(c)(3) Unbundled Network Elements.

1.2 Charges for the relevant services provided under this Attachment are included in Appendix Pricing 251(c)(3) UNE – Schedule of Prices to Attachment 6.

1.3 CLEC may order, and SBC KANSAS will fill orders, for 251(c)(3) Unbundled Network Elements as defined in Attachment 6. Multiple individual Elements may be requested by CLEC from SBC KANSAS on a single Local Service Request (LSR) for a specific customer, without the need to have CLEC send an LSR for each Element.

1.4 CLEC may order, and SBC KANSAS will fill orders, for combinations of 251(c)(3) Unbundled Network Elementsand for the 251(c)(3) UNE portions for Commingling, as provided for and consistent with the defined requirements in Attachment 6. Combinations of 251(c)(3) Unbundled Network Elements may be requested by a CLEC from SBC KANSAS on a single LSR for a specific customer, without the need to have CLEC send an LSR for each Element. In accordance with the Change Management Process, SBC KANSAS agrees to provide additional electronic methods for ordering 251(c)(3) EELs on an LSR without need for a separate ASR as those ordering requirements are developed by the industry standard Ordering and Billing Forum.

1.5 For all 251(c)(3) Unbundled Network Elements and Combinations ordered under this Agreement, SBC KANSAS will provide pre-order, ordering and provisioning services equal in quality and speed (speed to be measured from the time SBC KANSAS receives the service order from CLEC) to the services SBC KANSAS provides to its end users for an equivalent service. When 251(c)(3) UNEs are ordered in combination or the 251(c)(3) UNE is a portion of a Commingled Arrangement the 251(c)(3) portion of the service must be supported by all the functionalities provided to SBC KANSAS local exchange service customers. This will include but is not limited to, MLT testing, Dispatch scheduling, and Real time Due Date assignment. The ordering and provisioning to support these services will be provided in an efficient manner which meets the performance metrics SBC KANSAS achieves when providing the equivalent end user services to an end user.

1.6 CLEC and SBC KANSAS will use two types of orders to establish local service capabilities based upon a 251(c)(3) UNE architecture:

1.7 Provisioning orders, for capacities of DS-1 or less will be based upon OBF LSR forms, and will be used in ordering and provisioning Customer Specific 251(c)(3) unbundled Network Elements. SBC KANSAS agrees that the information exchange will be forms-based using the Local Service Request Form, End User Information Form, Loop Element Form (formerly Loop Service form) and Switch Element Form (formerly Port Form) developed by the OBF. Provisioning orders for capacities of DS3 and above will be submitted as mutually agreed to by the Parties, including, but not limited to, the use of ASRs. CLEC and SBC KANSAS will translate ordering and provisioning requests originating in their internal processes into the agreed upon forms and EDI transactions.

1.8 SBC KANSAS will provide CLEC, upon request and not more than once per quarter, an electronic compare file that will contain the subscriber information stored in the SBC KANSAS 9-1-1 database for end-user customers served by CLEC through 251(c)(3) UNE switch ports. CLEC may request that electronic compare files be provided for all of CLEC's 251(c)(3) UNE switch port customer accounts in KANSAS

(sorted by NPA), or by specific NPA. At CLEC's option, SBC KANSAS will provide the electronic compare file on diskette, or by e-mail to CLEC. The compare file will be created in accordance with NENA standards on data exchange. Requests for electronic compare files will be processed by SBC KANSAS within 14 days of receipt of CLEC's request. CLEC will review the electronic compare file(s) for accuracy, and submit any necessary corrections to SBC KANSAS via the appropriate 911 listing correction process. Should CLEC wish to obtain the 911 compare file more frequently than once per quarter, terms and conditions for such additional access will be mutually agreed by the parties.

2.0 ORDERING AND PROVISIONING INTERFACE

2.1 Pre-order, Ordering and Provisioning requests for 251(c)(3) Unbundled Network Elements or 251(c)(3) Combinations provided by SBC KANSAS to CLEC will be transmitted to the SBC KANSAS Local Service Center (LSC). The SBC KANSAS will respond to CLEC calls with the same level of service that SBC KANSAS provides to their local exchange customers.

2.2 SBC KANSAS will provide a Single Point of Contact (SPOC) for all of CLEC's ordering, status inquiries or escalation, contacts (via an 800# to the LSC) between 8 a.m. to 5:30 p.m. (CST) Monday through Friday (except holidays). SBC KANSAS will respond to emergency requests for after hours provisioning via the LOC 24 hrs/day, 7 days a week.

2.2.1 SBC KANSAS will provide ordering and provisioning services to CLEC for 251(c)(3) Unbundled Network Elements Monday through Friday from 8 a.m. to 5:30 p.m. (CST) through the LSC or the LOC as applicable. CLEC may request, at least two business days prior to the requested availability or as otherwise mutually agreed, that SBC KANSAS provide Saturday, Sunday, holiday, and/or additional out-of-hours (other than Monday through Friday from 8:00 a.m. to 5:30 p.m. (CST),) ordering, and provisioning services. If CLEC requests that SBC KANSAS perform such services, SBC KANSAS will quote, within one (1) business day of the request, a cost-based rate for the number of hours and materials estimated for such services. If CLEC accepts SBC KANSAS' quote, SBC KANSAS will perform such services to CLEC in the same manner as it does for itself and will bill CLEC for the actual hours worked and materials used.

2.3 SBC KANSAS will also provide to CLEC a toll free nationwide telephone number to the IS Call Center for issues connected to the electronic system interfaces (operational from 8:00 a.m. to 9:00 p.m. CST, Monday through Friday) and 8:00 a.m. to 5:00 p.m. (Central Time) Saturday), which will be answered by capable staff trained to answer questions and resolve problems in connection with the electronic interface associated with the provisioning of 251(c)(3) Unbundled Network Elements. Information Service Call Center (ISCC) help desk function for electronic system interfaces for all off shift hours are covered via on-call pager. These hours of operation will continue to be posted to CLEC OnLine website and are subject to change through the Change Management Process.

3.0 SBC KANSAS will recognize CLEC as the customer of record for all 251(c)(3) Unbundled Network Elements ordered by CLEC and will send all notices, invoices and pertinent information directly to CLEC.

3.1 SBC KANSAS will provide the following to CLEC upon request:

3.1.1 Designed Layout Record Card for designed 251(c)(3) Unbundled Network Elements;

3.1.2 Where SBC KANSAS is not the Central Office Code Administrator, to the extent the information is not available to CLEC in the same manner it is available to SBC KANSAS, SBC KANSAS will provide copies of notices containing information received by SBC KANSAS to CLEC.

3.2 Each Party will use its best efforts to ensure that all of its representatives who receive inquiries regarding the other Party's services: (i) refer repair inquires to the other Party at a telephone number provided by that Party (ii) for other inquiries about the other Party's services or products, refer callers to telephone number(s)

provided by that Party; and (iii) do not in any way disparage or discriminate against the other Party or its products or services.

3.3 Each Party will work together via the CLEC User Forum to share issues and address concerns regarding processes which impact the Parties. The CLEC User Forum is the primary process for each Party to address non-OSS issues that impact daily business practices of multiple LECs. The Account Manager is the primary contact for each Party to address non-OSS issues that impact the daily business practices for a specified LEC.

3.4 SBC KANSAS and CLEC will work cooperatively in establishing and implementing practices and procedures regarding fraud and service annoyance handling.

3.5 SBC KANSAS and CLEC will establish mutually acceptable methods and procedures for handling all misdirected calls from CLEC customers requesting pre-order, ordering or provisioning services. All misdirected calls to SWBT from CLEC customers will be given a recording (or a live statement) directing them to call their local provider. To the extent SBC KANSAS procedures change such that CLEC customers become identifiable, such customers will be directed to call CLEC at a designated 800 number. CLEC on a reciprocal basis will refer all misdirected calls that CLEC receives from SBC customers to a SBC KANSAS designated number. CLEC and SBC KANSAS will agree on the scripts to be used for this purpose.

4.0 ORDERING REQUIREMENTS

4.1 Upon CLEC's request through a Suspend/Restore order, SBC KANSAS will suspend or restore the functionality of any 251(c)(3) unbundled Switch Port for any CLEC local service customer. In such instances, all 251(c)(3) unbundled Network Elements provided by SBC KANSAS will remain intact. SBC KANSAS will implement any restoration priority for 251(c)(3) unbundled Local Switching in a manner that conforms with CLEC requested priorities and any applicable regulatory policy or procedures. The charge for a Suspend/Restore order is reflected in Attachment 6, Appendix Pricing 251(c)(3) UNE - Schedule of Prices labeled "Service Order Charges - Unbundled Element."

4.2 SBC KANSAS will provide to CLEC the functionality of blocking calls (e.g., 900, 976, international calls, and third party or collect calls) by line or trunk to the extent that SBC KANSAS provides such blocking capabilities to its customers and to the extent required by law.

4.3 Intentionally Left Blank

4.4 Unless otherwise directed by CLEC, SBC KANSAS will make every attempt to insure that all pre-assigned trunk or telephone numbers currently associated with that Element will be retained. To the extent such losses occur, SBC KANSAS will work cooperatively with CLEC to remedy such occurrences over time.

4.4.1 When SBC KANSAS has initiated a suspension on a SBC KANSAS end user's account or disconnects an end user for nonpay, SBC KANSAS will not release the telephone number being used by the end user until such time as the end user's account has been paid in full. Conversely, SBC KANSAS agrees that when CLEC initiates a suspension on one of its end user's accounts or disconnects its end user for nonpay, SBC KANSAS will abide by the same provisions regarding telephone number release.

4.5 SBC KANSAS will provide CLEC with standard provisioning intervals for all 251(c)(3) unbundled Network Elements and combinations as compared to SBC KANSAS customers for equivalent service. These intervals are found in Attachment 17.

4.6 For 251(c)(3) unbundled Local Switching, SBC KANSAS will update the E911 service provider information and establish primary directory listing, in accordance with Attachment 19: White Pages Listings, appropriate for the 251(c)(3) unbundled Local Switching from CLEC's service order.

4.7 On a conversion as specified order, SBC KANSAS will not require CLEC to provide data that SBC KANSAS has not made available to CLEC, or that CLEC does not have reasonable access to otherwise.

5.0 PROVISIONING REQUIREMENTS

5.1 Except in the event an CLEC local service customer changes their local service provider to another LSP or SBC KANSAS, SBC KANSAS may not initiate any CLEC end user requested disconnection or rearrangement of 251(c)(3) Unbundled Network Elements or 251(c)(3) Combinations unless directed by CLEC. Any CLEC customer who contacts SBC KANSAS regarding a change in CLEC service will be advised to contact CLEC. Any SBC KANSAS customer who contacts CLEC regarding a change in SBC KANSAS service will be advised to contact SBC KANSAS. In those instances when any CLEC local service customer changes their local service provider to another LSP or SBC KANSAS, CLEC will be notified as described in the Line Loss Notification process, contained in Local Account Maintenance Methods and Procedures dated July 29, 1996, or as otherwise may be agreed to by the Parties.

5.2 Upon request from CLEC, SBC KANSAS will provide an intercept referral message that includes any new telephone number of an CLEC end user for the same period of time that SBC KANSAS provides such messages for its own end users. CLEC and SBC KANSAS will agree on the message to be used, which will be similar in format to the intercept referral message currently provided by SBC KANSAS for its own end users.

5.3 Where available, SBC KANSAS will perform pre-testing and will provide in writing (hard copy) or electronically, as directed by CLEC, all test and turn up results in support of 251(c)(3) Unbundled Network Elements or 251(c)(3) Combinations or the 251(c)(3) UNE portion of a Commingled Arrangement ordered by CLEC.

5.4 Any written "leave behind" materials that SBC KANSAS technicians provide to CLEC local customers will be non-branded materials that do not identify the work being performed as being SBC KANSAS'. These materials will include, without limitation, non-branded forms for the customer and non-branded "not at home" cards. "CLEC branded" materials, to be utilized by SBC KANSAS installation, maintenance and/or repair technicians when dealing with CLEC's customers, will be furnished to SBC KANSAS by and at the sole expense of CLEC. SBC KANSAS will not rebrand its vehicles and personnel. CLEC will provide a single point of contact so that SBC KANSAS, including individual SBC KANSAS technicians, can order "CLEC branded" materials via a toll free telephone number provided by CLEC, for delivery to an address specified by SBC KANSAS or the technician.

5.5 SBC KANSAS technicians will refer CLEC local customers to their local service provider, if an CLEC local customer requests a change to service at the time of installation. When a SBC KANSAS employee visits the premises of a CLEC local customer, the SBC KANSAS employee must inform the customer that he or she is there acting on behalf of their CLEC.

5.6 SBC KANSAS will provide telephone and/or facsimile notification of any charges associated with required construction for a given service, and obtain CLEC's approval prior to commencing construction under an CLEC order for such service.

5.7 When CLEC orders 251(c)(3) Elements or 251(c)(3) Combinations that are currently interconnected and functional, such Elements and Combinations will remain interconnected and functional without any disconnection and without loss of feature capability and without loss of associated Ancillary Functions. This will be known as Contiguous Interconnection of 251(c)(3) Network Elements. There will be no charge for such interconnection, other than the recurring and nonrecurring charges applicable to the elements included in the combination, and the electronic service order charge as specified in Appendix Pricing 251(c)(3) – Schedule of Prices.

5.7.1 "Contiguous Network Interconnection of Network Elements" includes, without limitation, the situation when CLEC orders all the SBC KANSAS Network Elements required to convert a SBC KANSAS end-user customer or an CLEC resale customer to CLEC 251(c)(3) unbundled Network Elements service (a) without any change in features or functionality that was being provided by SBC KANSAS (or by CLEC on a resale basis) at the time of the order or (b) with only the change needed to route the customer's operator service and directory assistance calls to the CLEC OS/DA platform via customized routing and/or changes needed in order to change a local switching feature~~,~~ (e.g., call waiting).. (This section only applies to orders involving customized routing after customized routing has been established to an CLEC OS/DA platform from the relevant SBC KANSAS local switch, including CLEC's payment of all applicable charges to establish that routing.) There will be no interruption of service to the end-user customer in connection with orders covered by this section, except for processing time that is technically necessary to execute the appropriate recent change order in the SBC KANSAS local switch. SBC KANSAS will treat recent change orders necessary to provision CLEC orders under this section at parity with recent change orders executed to serve SBC KANSAS end-user customers, in terms of scheduling necessary service interruptions so as to minimize inconvenience to end-user customers.

6.0 PERFORMANCE REQUIREMENTS

6.1 When CLEC places an LSR, CLEC will specify a requested Due Date (DD), and SBC KANSAS will specify a DD based on the applicable intervals. In the event CLEC's desired Due Date is less than the standard interval, the service order will be assigned a DD using the applicable interval. If expedited service is requested, CLEC will populate Expedite and Expedite Reason on the request. SBC KANSAS will contact the CLEC and the Parties will negotiate an expedited DD. This situation will be considered an expedited order and applicable service order charges will apply as reflected in Attachment 6, Appendix Pricing 251(c)(3) UNE Schedule of Prices labeled "Service Order Charges - Unbundled Element Expedited". SBC KANSAS will not complete the order prior to the DD or later than the DD unless authorized by CLEC. CLEC and SBC KANSAS will use the escalation process documented in the CLEC Handbook and contacts reflected in the Escalation website for resolving questions and disputes relating to ordering and provisioning procedures or to the process of individual orders, subject ultimately to the dispute resolution provisioning of this agreement. SBC KANSAS will notify CLEC of any modifications to these contacts one (1) week in advance of such modifications.

6.2 When CLEC places an LSR to change the desired Due Date (DDD) from a previous version of the LSR that a FOC has already been received on, and SBC KANSAS will specify a due date (DD) based on the applicable intervals. If the desired Due Date is less than the standard interval, the expedite performance requirements will apply in addition. If expedited service is not requested, this situation will be considered a Due date change and applicable service order charges will apply as reflected in Attachment 6, Appendix Pricing 251(c)(3) UNE Schedules of Prices labeled "Service Order Charges – Unbundled Element Due Date Change".

6.3 When CLEC places an LSR to cancel the request from a previous version of the LSR that a FOC has already been received on, and SBC KANSAS will process the cancel based on the request. This situation will be considered a cancel and applicable service order charges will apply as reflected in Attachment 6, Appendix Pricing 251(c)(3) UNE Schedules of Prices labeled "Service Order Charges – Unbundled Element Cancel".

6.4 When CLEC or patron/end-user is not ready for service by or on the Due Date (DD), and SBC KANSAS will return a jeopardy notification to the CLEC. This situation will be considered a Customer Not Ready and applicable service order charges will apply as reflected in Appendix Pricing 251(c)(3) UNE - Schedules of Prices labeled "Service Order Charges – Unbundled Element Customer Not Ready".

7.0 INTERVALS FOR ORDER COMPLETION FOR 251(C)(3) UNE AND OTHER ITEMS

7.1 SBC KANSAS will provide Performance Measurements as outlined in Attachment 17 Performance Measures within this Agreement.

8.0 PRICING

8.1 CLEC may request that a billing item be investigated on the SBC KANSAS provided bill. CLEC is required to follow the existing billing dispute guidelines by submitting the billing dispute form available in the CLEC Handbook and supplying applicable information to the SBC KANSAS Local Service Center (LSC). The SBC KANSAS LSC will perform investigation on each disputed item. Notwithstanding the foregoing, the informal dispute process must conclude within sixty (60) days from the receipt of written notice of dispute unless otherwise agreed to in writing by the Parties.

PRE-ORDER AND ORDERING AND PROVISIONING – 251(c)(3) UNE

Function	Loop	LNP	Loop w/LNP	Dedicated Transport	DSR
PRE-ORDER					
Address Verification	X	X	X	X	X
Service/Feature Availability	X	X	X	X	X
Telephone Number Assignment	X	X	X	X	X
Dispatch Schedule	X	X	X	X	X
Due Date	X	X	X	X	X
Customer Service Record	X	X	X	X	X
ORDERING & PROVISIONING					
Conversion as Specified	X[1,6,7,8]	X[2]	X[1,6,7,8]	X[9]	X
Add/Disc Lines	X	X[3]	X[,3]		X[11]
Directory Listing - White – Straight Line	X	X	X		X
Directory Listing - White – Other than Straight Line	X	X	X		X
Partial Migration (Line/WTN vs. Account Level)	X	X	X		X[11]
Line Conditioning	X		X		
With / Without Diversity	X		X	X	
With / Without Clear Channel Capability	X[10]		X[10]	X	
New Connects	X	X[3]	X[,3]	X	X
Single Line	X		X[,3]		
Multi-Line (Less Than 30 Lines)	X		X[,3]		

Function	Loop	LNP	Loop w/LNP	Dedicated Transport	DSR
Projects (Large Job - add'l facilities/coordinated work effort required - need SWBT criteria)	X		X[3]		
Disconnects	X	X	X	X	X
Change Orders	X	X	X	X	X
Simple Number Change		X	X		
Add/Disc Lines	X	X[3]	X[3]		X[11]
Directory Listing - White – Straight Line	X	X	X		X
Directory Listing - White – Other than Straight Line	X	X	X		X
Line Conditioning	X		X		
With / Without Diversity	X		X	X	
With / Without Clear Channel Capability	X[10]		X[10]	X	
Records Only Order	X	X	X	X	X
Outside Move	X		X	X	
Inside Move	X		X		
POST SERVICE ORDER EDI TRANSACTIONS					
Supplemental Orders	X	X	X	X	X
Firm Order Confirmation (FOC)	X	X	X	X	X
Jeopardies	X	X	X	X	X
Rejects	X	X	X	X	X
Order Completion	X	X	X	X	X

Footnotes:

1. Existing SBC KANSAS customer, existing CLEC TSR customer, existing CLEC TSR customer, existing CLEC 251(c)(3) UNE (loop) customer.
2. Existing SBC KANSAS number or existing CLEC LNP number.
3. “Numbers” should be substituted for “lines”
4. Existing CLEC Unbundled Loop customer
5. Intentionally Left Blank
6. Intentionally Left Blank
7. Intentionally Left Blank
8. Existing CLEC leased facility
9. Intentionally Left Blank
10. Only applies to DS-1 loops
11. "Directory Listings" should be substituted for "lines"

ATTACHMENT 8: MAINTENANCE - 251(C)(3) UNBUNDLED NETWORK ELEMENTS

1.0 GENERAL REQUIREMENTS

1.1 SBC KANSAS will provide repair, maintenance, testing, and surveillance for all 251(c)(3) Unbundled Network Elements and any 251(c)(3) Combinations of Network Elements (Combinations) and Commingled Network Elements (Commingled Elements) as described in Attachment 6 of the Agreement in accordance with the terms and conditions of this Attachment. As used herein and in Attachment 6, the term "Unbundled Network Elements" (whether or not used with initial caps) and "UNEs" include those network elements that are required to be unbundled under Section 251 of the Telecommunications Act.

2.0 MAINTENANCE REQUIREMENTS

2.1 SBC KANSAS will provide maintenance for all 251(c)(3) Unbundled Network Elements and 251(c)(3) Combinations and the 251(c)(3) UNE portion of a Commingled Arrangement ordered under this Agreement at levels equal to the maintenance provided by SBC KANSAS in serving its end user customers, consistent with Attachment 6 UNE, Section 2.4.1, and will meet the requirements set forth in this Attachment. Such maintenance requirements will include, without limitation, those applicable to testing and network management. The maintenance to support these services will be provided in a manner which meets the performance metrics provided for in Attachment 17 or any KANSAS Commission-ordered performance measures.

3.0 REPAIR SERVICE RESPONSE

3.1 SBC KANSAS technicians will provide repair service on 251(c)(3) Unbundled Network Elements and 251(c)(3) Combinations, the 251(c)(3) UNE portion of a Commingled Arrangement that is at least equal in quality to that provided to SBC KANSAS customers; trouble calls from CLEC will receive response time and priorities that are at least equal to that of SBC KANSAS customers. CLEC and SBC KANSAS agree to use the severity and priority restoration guidelines set forth in SBC KANSAS MMP 94-08-001 dated April 1996, and as subsequently modified. Performance Measurements are found in Attachment 17.

4.0 INTERCOMPANY COMMUNICATIONS

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

5.0 EMERGENCY RESTORATION

5.1 SBC KANSAS NMSC will notify the CLEC via the Event Notification Process of activities involving the central office and inter-office network. Additionally, as cable cuts or failures are identified when the CLEC reports trouble to the LOC, the LOC will notify the affected CLEC;

5.1.1 establishment of the SBC KANSAS LOC as the single point of contact to provide CLEC with information relating to the status of restoration efforts and problem resolution during the Resale services and 251(c)(3) UNEs restoration process;

5.1.2 methods and procedures for reprovisioning of all Resale services and UNEs after initial restoration. SBC KANSAS agrees that Telecommunications Service Priority ("TSP") services for CLEC carry equal priority with SBC KANSAS TSP services for restoration. SBC KANSAS will follow the guidelines established under

the National Security Emergency Procedures (NSEP) plan and will follow TSP guidelines for restoration of emergency services in as expeditious a manner as possible on a non-discriminatory basis to respond to and recover from emergencies or disasters.

6.0 MISDIRECTED REPAIR CALLS

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

7.0 REPAIR PROCEDURES

7.1 SBC KANSAS agrees to the following:

7.2 SBC KANSAS will provide a single point of contact (SPOC) for all of CLEC's maintenance requirements under this Attachment (via an 800 number to the LOC) twenty-four (24) hours per day, seven (7) days per week.

7.3 Intentionally Left Blank

7.4 On a reciprocal basis, CLEC will provide a single point of contact (SPOC) for all of CLEC's maintenance requirements under this Attachment (via an 800 number to the CNSC) twenty four (24) hours per day, seven (7) days per week.

7.5 While in manual mode operation, SBC KANSAS will provide CLEC "estimated time to restore." The SBC KANSAS LOC will notify the CLEC CNSC of each missed repair commitment through a status call. When the trouble ticket commitment time occurs and the trouble ticket has not been closed, an additional status call will provide the CNSC the current status (e.g., trouble was dispatched at 8:00 a.m.). The original trouble commitment will not be changed due to possible loss of priority for that customer. All missed appointments (e.g., vendor meets) will be handled in the same way. This jeopardy status information (on missed commitments/appointments), while in a manual mode, will be provided by SBC KANSAS for a maximum of four months after CLEC's market entry date in SBC KANSAS states, or until this capability is available through EBI, or until CLEC elects to utilize the Toolbar program to obtain this status. Manual jeopardy status information will be provided during any outage or failure in OSS. The status of all other tickets will be given to the CLEC CNSC through the fax of a daily log (faxed the next morning to the CLEC CNSC by 8 a.m. Central Time Zone) and will include all "closed tickets" from the previous day (including No Access and closed troubles).

7.6 Intentionally Left Blank

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

7.8 For network outages other than emergency outages, the performance measurements established in Attachment 17 Performance Measures will govern.

7.9 For purposes of this Section, facilities and equipment provided to CLEC through an 251(c)(3) Unbundled Network Element or 251(c)(3) Combination, or the 251(c)(3) UNE portion of a Commingled Arrangement is

considered repaired, restored or a trouble resolved when the quality of 251(c)(3) Unbundled Network Element or 251(c)(3) Combination, or the 251(c)(3) UNE portion of a Commingled Arrangement service is equal to that provided before the outage or the trouble occurred.

8.0 ESCALATION PROCEDURES

8.1 SBC KANSAS will provide CLEC with written escalation procedures for maintenance resolution to be followed if, in CLEC's judgment, any individual trouble ticket or tickets are not resolved in a timely manner. The escalation procedures to be provided hereunder shall include names and telephone numbers of SBC KANSAS management personnel who are responsible for maintenance issues. CLEC acknowledges that the procedures set forth in SBC KANSAS' LOC POTS Escalation/Expedite Maintenance Procedures dated May 6, 1996, and LOC escalation contact list meet the requirements of this Section.

9.0 PREMISES VISIT PROCEDURES

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

9.2 Dispatching of SBC KANSAS technicians to CLEC Customer premises shall be accomplished by SBC KANSAS pursuant to a request received from CLEC.

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

9.4 If a trouble cannot be cleared without access to CLEC's local service customer's premises and the customer is not at home, the SBC KANSAS technician will leave at the customer's premises a non-branded "no access" card requesting the customer to call CLEC for rescheduling of repair.

10.0 TESTING

10.1 All 251(c)(3) Unbundled Network Elements and/or 251(c)(3) Combination of Element troubles determined not to be end-user customer related or in CLEC's provided network facilities will be reported by CLEC to SBC KANSAS. Upon receipt of a trouble report on 251(c)(3) Unbundled Network Element(s), SBC KANSAS will test and sectionalize all elements purchased from (or provided by) SBC KANSAS. If SBC KANSAS determines that a trouble is isolated or sectionalized in network facilities provided by CLEC, then SBC KANSAS will refer the trouble ticket back to the CLEC Work Center (CNSC) for handling.

10.2 SBC KANSAS and CLEC agree to develop a mutually acceptable Work Center Operational Understanding document to establish methods and procedures to define the exchange of information between SBC KANSAS and CLEC under which they will work together.

11.0 PRICING

11.1 Charges for the relevant services provided under this Attachment are included in Attachment 6, Appendix Pricing 251(c)(3) UNE - Schedule of Prices.

ATTACHMENT 10: PROVISION OF CUSTOMER USAGE DATA-UNBUNDLED NETWORK ELEMENTS

1.0 INTRODUCTION (UNBUNDLED ELEMENTS)

The Parties agree that this Attachment 10: Provision of Customer Usage Data-Unbundled Network Elements and SBC KANSAS' obligation to provide Usage Data under this attachment shall remain in effect only until March 11, 2006.

2.0 GENERAL REQUIREMENTS FOR USAGE DATA

2.1 SBC KANSAS' provision of Usage Data to CLEC will be in accordance with the Performance Metrics as reported on the CLEC Online website. SBC KANSAS' performance based on such Performance Metrics will begin to be measured and reported at the time CLEC begins providing local service to customers, but SBC KANSAS' provision of Usage Data will not be required to meet such Performance Metrics until six (6) months after CLEC begins providing local services to customers.

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

3.0 USAGE DATA SPECIFICATIONS

3.1 SBC KANSAS will provide all usage data for CLEC's customers using the SBC KANSAS provided Network Element(s). Usage Data includes, but is not limited to, the following categories of information:

- completed calls;
- use of CLASS/LASS/Custom Features;
- calls to information providers reached via SBC KANSAS facilities and contracted by SBC KANSAS;
- calls to directory assistance where SBC KANSAS provides such service to an CLEC customer;
- calls completed via SBC KANSAS-provided operator services where SBC KANSAS provides such service to CLEC's local service customer;
- records will include complete call detail and complete timing information for unbundled Network Elements.

SBC KANSAS will provide Usage Data for calls that SBC KANSAS records (e.g., unbundled local switching, but not loops.

3.2 Intentionally Left Blank

3.3 CLEC is responsible for payment of 976 intraLATA information service revenue billed to CLEC by SBC KANSAS. CLEC will attempt to resolve all its end-user 976 intraLATA information service charge inquires prior to requesting an adjustment from SBC KANSAS. CLEC will make a comparable attempt to collect all 976 intraLATA charges as it makes to collect its own 900 information service charges. The Parties agree to establish settlement procedures to permit CLEC to receive adjustments from SBC KANSAS for amounts CLEC customers refuse to pay for 976 services charges forwarded by SBC KANSAS to CLEC for billing.

3.4 SBC KANSAS will not adjust 976 charges without investigation by CLEC. Prior to requesting an adjustment under this subsection, CLEC will attempt to sustain 976 charges and make good faith efforts to collect said amounts from its end user customers in accordance with the procedures outlined for "Company" in SBC KANSAS' standard Contract For Information Delivery Service Dial 976, Section 11, dated September 20, 1989, or as otherwise mutually agreed to by the Parties.

4.0 USAGE DATA FORMAT

4.1 SBC KANSAS will provide Usage Data in the Alliance for Telecommunications Industry Solutions (ATIS) Ordering and Billing Forum (OBF) Exchange Message Interface (EMI) format and by category, group and record type, as specified in the SBC Daily Usage File User's Guide, or as otherwise agreed to by the Parties.

4.2 SBC KANSAS will include the Working Telephone Number (WTN) of the call originator on each EMI call record, when available.

4.3 End user customer usage records and station level detail records will be in packs in accordance with EMI guidelines.

4.4 Where technically feasible, SBC KANSAS will provide CLEC with recordings which will permit it to render interLATA and intraLATA access bills and end-user bills associated with the use of unbundled network elements. Where such capability is not available (e.g., originating 800 and terminating access calls), SBC KANSAS will continue to seek cost effective solutions and in the meantime will ensure that CLEC, as the local service provider, incurs no charges for the provision of such dialing capabilities to their customers.

5.0 USAGE DATA REQUIREMENTS

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

5.2 SBC KANSAS will provide Usage Data to a CLEC location as agreed to by the Parties.

5.3 SBC KANSAS will transmit formatted Usage Data to CLEC over Network Data Mover Network using CONNECT:Direct protocol, or otherwise agreed to by the Parties.

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

5.5 SBC KANSAS will provide Usage Data to CLEC daily (normally Monday through Friday cycles). Holiday exceptions are listed in the SBC Daily Usage File User's Guide.

5.6 The IS Call Center can be contacted to respond to CLEC call usage, data error, and record transmission inquiries. Other Usage inquiries should be coordinated through Account Management.

6.0 CHARGES

6.1 SBC KANSAS will bill and CLEC will pay the charges set forth in this Agreement. Billing and payment will be in accordance with the applicable terms and conditions set forth in this Agreement.

7.0 LOCAL ACCOUNT MAINTENANCE

7.1 When CLEC purchases certain Network Elements from SBC KANSAS, SBC KANSAS will provide CLEC with Local Account Maintenance. When SBC KANSAS is acting as the switch provider for CLEC, where CLEC is employing UNEs to provide local service, SBC KANSAS will notify CLEC whenever the local service customer disconnects switch port (e.g., WTN) service from CLEC to another local service provider. SBC KANSAS will provide this notification via a mutually agreeable 4-digit Local Use Transaction Code Status Indicator (TCSI) that will indicate the retail customer is terminating local service with CLEC. SBC KANSAS will transmit the notification, via the Network Data Mover Network using the CONNECT:Direct protocol, within five (5) days of SBC KANSAS reprovisioning the switch. The TCSI, sent by SBC KANSAS, will be in the 960 byte industry standard CARE record format. CLEC will pay to SBC KANSAS a per transaction charge of three hundred twenty three one hundredths of one cent ($0.00) for SBC KANSAS' transmission of the change notification.

7.2 SBC KANSAS will accept account changes that affect only the pre-subscribed intraLATA and/or interLATA toll provider (PIC) through the following procedure: SBC KANSAS will accept an LD "PIC Only" Change via the service Order feed to provision the LD change in SBC KANSAS' network. SBC KANSAS will convey the confirmation of the "PIC Only" change via the Work Order Completion feed. In addition, SBC KANSAS will reject, via the industry standard CARE Record 3148, any Interexchange Carrier initiated change of the Primary Interexchange Carrier (PIC), where SBC KANSAS is the switch provider either for the retail local services of SBC KANSAS that CLEC resells or UNEs of SBC KANSAS that CLEC employs in providing service.

7.3 These procedures are in addition to Service Order Procedures set forth in Attachment 7: Ordering and Provisioning - UNE. SBC KANSAS will meet the Local Account Maintenance requirements set out in CLEC, Unbundled Network Element: Interconnection Interface Requirements, "Account Maintenance," version 1.0 (September 19, 1996), as updated or as the Parties may otherwise agree.

REMAND ORDER EMBEDDED BASE TEMPORARY RIDER

This is a Remand Order Embedded Base Temporary Rider (the "Embedded Base Rider") to the Interconnection Agreement by and between one or more of the SBC Communications Inc. owned ILECs: Illinois Bell Telephone Company d/b/a SBC Illinois, Indiana Bell Telephone Company Incorporated d/b/a SBC Indiana, Michigan Bell Telephone Company d/b/a SBC Michigan, Nevada Bell Telephone Company d/b/a SBC Nevada, The Ohio Bell Telephone Company d/b/a SBC Ohio, Pacific Bell Telephone Company d/b/a SBC California, The Southern New England Telephone Company d/b/a SBC Connecticut, Southwestern Bell Telephone, L.P. d/b/a SBC Arkansas, SBC Kansas, SBC Missouri, SBC Oklahoma and SBC Texas, and Wisconsin Bell, Inc. d/b/a SBC Wisconsin, ("SBC" or "SBC ILEC") and CLEC (collectively referred to as "the Parties") ("Agreement") previously entered into by and between the Parties pursuant to Sections 251 and 252 of the Telecommunications Act of 1996 (the "Act").

WHEREAS, the Federal Communications Commission ("FCC") released on August 21, 2003 a "Report and Order on Remand and Further Notice of Proposed Rulemaking" in CC Docket Nos. 01-338, 96-98 and 98-147, 18 FCC Rcd 16978 (as corrected by the Errata, 18 FCC Rcd 19020, and as modified by Order on Reconsideration (rel. August 9, 2004) (the "*Triennial Review Order*" or "*TRO*"), which became effective as of October 2, 2003; and

WHEREAS, by its *TRO*, the FCC ruled that certain network elements were not required to be provided as unbundled network elements under Section 251(c)(3) of the Telecommunications Act of 1996 ("Act"), and therefore, SBC KANSAS was no longer legally obligated to provide those network elements on an unbundled basis to CLEC under federal law; and

WHEREAS, the U.S. Circuit Court of Appeals, District of Columbia Circuit released its decision in *United States Telecom Ass'n v. F.C.C.*, 359 F3d 554 (D.C. Cir. 2004) (*"USTA II")* on March 2, 2004 and its associated mandate on June 16, 2004; and

WHEREAS, the *USTA II* decision vacated certain of the FCC rules and parts of the *TRO* requiring the provision of certain unbundled network elements under Section 251(c)(3) of the Act, and therefore, SBC KANSAS was no longer legally obligated to provide those network elements on an unbundled basis to CLEC under federal law; and

WHEREAS, the FCC issued its Order on Remand, including related unbundling rules, [1] on February 4, 2005 ("*TRO Remand Order*"), holding that an incumbent LEC is not required to provide access to local circuit switching on an unbundled basis to requesting telecommunications carriers (CLECs) for the purpose of serving end-user customers using DSO capacity loops ("mass market unbundled local circuit switching" or "Mass Market ULS" or access to certain high-capacity loop and certain dedicated transport on an unbundled basis to CLECs; and

WHEREAS, the FCC, in its *TRO Remand Order*, instituted transition periods and pricing to apply to CLEC's embedded base of the affected elements; and

WHEREAS, as of the date the parties executed the Agreement to which this Temporary Rider is attached, CLEC has an embedded base of one or more of the affected elements, and the transition periods applicable to one or more of the elements had not yet expired;

NOW, THEREFORE, the Parties attach the following temporary terms and conditions to the Agreement to apply only to the embedded base of the affected elements, as set forth below:

1. TRO Remand-Declassified Loop-Transport Elements. Subject to Sections 4.7.2 and 8.8.2of Attachment UNE 6 and paragraphs 233 and 234 and Rule 51.319(a) and Rule 51.319(e) as set forth in the TRO Remand Order, effective March 11, 2005, CLEC is not permitted to obtain the following new unbundled high-capacity loop and dedicated transport elements, either alone or in combination:

   Dark Fiber Loops;

[1] Order on Remand, *Unbundled Access to Network Elements; Review of the Section 251 Unbundling Obligations of Incumbent Local Exchange Carriers*, WC Docket No. 04-313; CC Docket No. 01-338, (FCC released Feb. 4, 2005).

DS1/DS3 Loops in excess of the caps or to any building served by a wire center described in Rule 51.319(a)(4) or 51.319(a)(5), as applicable;

DS1/DS3 Transport in excess of the caps or between any pair of wire centers as described in Rule 51.319(e)(2)(ii) or 51.319(e)(2)(iii), as applicable; or

Dark Fiber Transport, between any pair of wire centers as described in Rule 51.319(e)(2)(iv).

The above-listed element(s) are referred to herein as the "Affected Loop-Transport Element(s)."

1.1 Transitional Provision of Embedded Base. As to each Affected Loop-Transport Element, after March 11, 2005, pursuant to Rules 51.319(a) and (e), as set forth in the TRO Remand Order, SBC KANSAS shall continue to provide access to CLEC's embedded base of Affected Loop-Transport Element(s) (i.e. only Affected Loop-Transport Elements ordered by CLEC *before* March 11, 2005), in accordance with and only to the extent permitted by the terms and conditions set forth in the Interconnection Agreement - Kansas which was approved on May 10, 2002 (hereinafter "Superseded Interconnection Agreement") and Attachment 6: Unbundled Network Element,], for a transitional period of time, ending upon the earlier of:

(a) CLEC's disconnection or other discontinuance of use of one or more of the Affected Element(s);

(b) CLEC's transition of an Affected Element(s) to an alternative arrangement; or

(c) March 11, 2006 (for Affected DS1 and DS3 Loops and Transport) or September 11, 2006 (for Dark Fiber Loops and Affected Dark Fiber Transport).

SBC KANSAS' transitional provision of embedded base Affected Element(s) under this Section 1.1 shall be on an "as is" basis. Upon the earlier of the above three events occurring, as applicable, SBC KANSAS may, without further notice or liability, cease providing the Affected Element(s).

1.2 Transitional Pricing for Embedded Base. As of the Effective Date of this Embedded Base Rider, CLEC will pay the Transitional Pricing for CLEC's embedded base of Affected Loop-Transport Elements. The Transitional Price the price for the embedded base Affected Loop-Transport Element(s) shall be the higher of (A) the rate CLEC paid for the Affected Loop-Transport Element(s) as of June 15, 2004 *plus 15%* or (B) the rate the state commission has established or establishes, if any, between June 16, 2004 and March 11, 2005 for the Affected Loop-Transport Element(s), *plus 15%*.

1.2.1 CLEC shall be fully liable to SBC to pay such Transitional Pricing under the Agreement, including applicable terms and conditions setting forth interest and/or late payment charges for failure to comply with payment terms, as of the Effective Date of this Embedded Base Rider.

1.3 End of Transitional Period. CLEC will complete the transition of embedded base Affected Loop-Transport Elements to an alternative arrangement by the end of the transitional period of time defined in the TRO Remand Order (as set forth in Sections 1.3.1 and 1.3.2, below). For Dark Fiber Affected Elements, CLEC will remove all CLEC services from such Dark Fiber Affected Elements and return the facilities to SBC by the end of the transition period defined in the TRO Remand Order for such Dark Fiber Affected Elements.

1.3.1 For Dark Fiber Loops and Affected Dark Fiber Transport, the transition period shall end on September 11, 2006.

1.3.2 For Affected DS1 and DS3 Loops and Transport, the transition period shall end on March 11, 2006.

1.3.3 To the extent that there are CLEC embedded base Affected DS1 and DS3 Loops or Transport in place on March 11, 2006, SBC KANSAS without further notice or liability, will convert them to a Special Access month-to-month service under the applicable access tariffs.

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

2. TRO Remand-Declassified Switching and UNE-P. Notwithstanding anything in the Agreement, pursuant to Rule 51.319(d) as set forth in the TRO Remand Order, effective March 11, 2005, CLEC is not permitted to obtain Mass Market ULS, whether alone, in combination (as in with "UNE-P"), or otherwise for new customers that are not part of CLEC's embedded base as of March 10, 2005. For purposes of this Section, "Mass Market" shall mean 1 – 23 lines, inclusive (i.e. less than a DS1 or "Enterprise" level.)

2.1 Transitional Provision of Embedded Base Customers. As to each of CLEC's customers that CLEC served using Mass Market ULS or Mass Market UNE-P before March 11, 2005, pursuant to Rules 51.319(d), as set forth in the TRO Remand Order, SBC KANSAS shall continue to provide Mass Market ULS Element or Mass Market UNE-P in accordance with and only to the extent permitted by the terms and conditions set forth in the Interconnection Agreement - Kansas which was approved on May 10, 2002 (hereinafter "Superseded Interconnection Agreement") and Attachment 6: Unbundled Network Element,, for a transitional period of time, ending upon the earlier of:

(a) CLEC's disconnection or other discontinuance [except Suspend/Restore] of use of one or more of the Mass Market ULS Element(s) or Mass Market UNE-P;

(b) CLEC's transition of a Mass Market ULS Element(s) or Mass Market UNE-P to an alternative arrangement; or

(c) March 11, 2006.

under this Section 2.1 CLEC may continue to submit orders for moves, adds and changes to Mass Market ULS or Mass Market UNE-P for CLEC's customers that CLEC served using Mass Market ULS or Mass Market UNE-P before March 11, 2005, and may continue to submit orders to add, change or delete features, or to re-configure to permit or eliminate line splitting. Upon the earlier of the above three events occurring, as applicable, SBC KANSAS may, without further notice or liability, cease providing the Mass Market ULS Element(s) or Mass Market UNE-P.

2.1.1 Concurrently with its provision of embedded base Mass Market ULS or Mass Market UNE-P pursuant to this Embedded Base Rider, and subject to this Section 2, and subject to the conditions set forth in Section 2.1.1.1 below, SBC KANSAS shall also continue to provide access to call-related databases, SS7 call setup, ULS shared transport and other switch-based features in accordance with and only to the extent permitted by the terms and conditions set forth in the Interconnection Agreement - Kansas which was approved on May 10, 2002 (hereinafter "Superseded Interconnection Agreement") and Attachment 6: Unbundled Network Element,], and only to the extent such items were already being provided before March 11, 2005, in conjunction with CLEC's provision of local service to CLEC's customers that were served using Mass Market ULS or Mass Market UNE-P.

2.1.1.1 The Interconnection Agreement - Kansas which was approved on May 10, 2002 (hereinafter "Superseded Interconnection Agreement") and Attachment 6: Unbundled Network Element,must contain the appropriate related terms and conditions, including pricing; and the features must be "loaded" and "activated" in the switch.

2.2 Transitional Pricing for Embedded Base. As of the Effective Date of this Embedded Base Rider, the price for the embedded base Mass Market ULS or Mass Market UNE-P shall be the higher of (A) the rate at which CLEC obtained such Mass Market ULS/UNE-P on June 15, 2004 plus one dollar, or (B) the rate the applicable state commission established(s), if any, between June 16, 2004, and March 11, 2005, for such Mass Market ULS/UNE-P, plus one dollar. CLEC shall be fully liable to SBC to pay such pricing under the Agreement, including applicable terms and conditions setting forth interest and/or late payment charges for failure to comply with payment terms, notwithstanding anything to the contrary in the Agreement. DPL Item, ties in with issue above

2.2.1 CLEC shall be fully liable to SBC to pay such Transitional Pricing under the Agreement, including applicable terms and conditions setting forth interest and/or late payment charges for failure to comply with payment terms, as of the Effective Date of this Embedded Base Rider . DPL Item, ties in with issue above

2.3 End of Transitional Period. CLEC will complete the transition of embedded base Mass Market ULS and Mass Market UNE-P to an alternative arrangement by the end of the transitional period of time defined in the TRO Remand Order (March 11, 2006).

2.3.1 To the extent that there are CLEC embedded base Mass Market ULS or UNE-P [and related items, such as those referenced in Section 2.1.1, above] in place on March 11, 2006, SBC KANSAS, without further notice or liability, will re-price such arrangements to a market-based rate.

3. Sections 1 and 2, above, apply and are operative regardless of whether CLEC is requesting the Affected Element(s), Mass Market ULS or Mass Market UNE-P under the Agreement or under a state tariff, if applicable, and regardless of whether the state tariff is referenced in the Agreement or not.

4. Except to the extent of the very limited purposes and time periods set forth in this Embedded Base Rider, this Embedded Base Rider, does not, in any way, extend the rates, terms or conditions of Interconnection Agreement - Kansas which was approved on May 10, 2002 (hereinafter "Superseded Interconnection Agreement") and Attachment 6: Unbundled Network Element, beyond its term.

5. In all states other than Ohio, the Parties acknowledge and agree that this Embedded Base Rider shall be filed with, and is subject to approval by the applicable state commission and shall become effective ten (10) days following the date upon which such state commission approves this Embedded Base Rider under Section 252(e) of the Act or, absent such state commission approval, the date this Embedded Base Rider is deemed approved by operation of law. In the state of Ohio only, the Parties acknowledge and agree that this Embedded Base Rider shall be filed with, and is subject to approval by the Public Utilities Commission of Ohio ("PUCO"). Based upon PUCO practice, this Embedded Base Rider shall be effective upon filing and will be deemed approved by operation of law on the 31st day after filing.

IN WITNESS WHEREOF, this Embedded Base Rider to the Agreement was exchanged in triplicate on this _____ day of _____, 2005, by the Parties, signing by and through their duly authorized representatives

Prairie Stream Communications, Inc.	Southwestern Bell Telephone, L.P. d/b/a SBC Kansas by SBC Operations, Inc., its authorized agent
By: _____	By: _____
Name: _____ (Print or Type)	Name: _____ (Print or Type)
Title: _____ (Print or Type)	Title: AVP-Local Interconnection Marketing
Date: _____	Date: _____

FACILITIES-BASED OCN # _____

ACNA _____

APPENDIX 251(C)(3) SUBLOOP ELEMENTS

1.0 SBC KANSAS will provide 251(c)(3) subloop elements as unbundled network elements as set forth in this Appendix pursuant to the Terms and Conditions specifically set out in Attachment 6 UNE and/or Attachment 25 DSL in this Agreement.

1.1 A subloop is a smaller segment of SBC KANSAS' local loop plant, i.e., a portion of the loop from a point of technically feasible access beyond SBC KANSAS' central office and, up to and including, the network demarcation point, including that portion of the loop, if any, which SBC KANSAS owns or controls inside the customer premises, including multiunit premises.

1.1.1 Point of technically feasible access. A point of technically feasible access is any point in the incumbent LEC's outside plant where a technician can access the copper wire within a cable without removing a splice case. Such points include, but are not limited to, a pole or pedestal, the serving area interface, the network interface device, the minimum point of entry, any remote terminal, and the feeder/distribution interface. SBC KANSAS shall, upon site-specific request, provide access to a copper subloop at a splice near a remote terminal. SBC KANSAS shall be compensated for providing this access in accordance with §§ 51.501 through 51.515.

2.0 DEFINITIONS PERTAINING TO THE SUBLOOP:

2.1 "Dead Count" refers to those binding posts which have cable spliced to them but which cable is not currently terminated to any terminal to provide service.

2.2 "Demarcation Point" is defined as the point on the loop where the ILEC's control of the wire ceases and the subscriber's control (or in the case of some multiunit premises, the landlord's control) of the wire begins.

2.3 "Digital Subloop" May be deployed on non-loaded copper cable pairs, channels of a digital loop carrier system, channels of a fiber optic transport system or other technologies suitable for the purpose of providing 160 Kbps subloop transport.

2.4 "Distribution Cable" is defined as the cable from the SAI/FDI to the terminals from which an end user can be connected to the ILEC's network.

2.5 Intentionally Left Blank

2.6 "Inside Wire Subloop" is defined for purposes of this Appendix as all loop plant owned or controlled by SBC KANSAS at a multiunit customer premises between the minimum point of entry as defined in § 68.105 of the FCC TRO rules and the point of demarcation of SBC KANSAS' network as defined in § 68.3. In multi-unit properties, the Inside Wire Subloop may include the NID. Maintenance and control of inside wire is under the control of the premises owner, except in those multi-unit properties, where SBC KANSAS owns and maintains control over inside wire within a building or on a property up to the NID. Maintenance and control of the Inside Wire Subloop on the property owner's side of the demarcation point may be under the control of the property owner or the End User. Conflicts between telephone service providers for access to the End User's inside wire on the End User's side of the NID must be resolved by the End User.

2.7 "MTE" for the purpose of Term To NID subloop. "MTE" is a Multi Unit Premises Environment for buildings with exterior or interior mounted terminals

2.8 "Network Terminating Wire (NTW)" is the service wire that connects SBC KANSAS' distribution cable to the NID at the demarcation point.

2.9 "SAI/FDI-to-Term" is that portion of the loop from the SAI/FDI to an accessible terminal.

2.10 "SAI/FDI-to-NID" is that portion of the 251(c)(3) UNE loop from the SAI/FDI to the Network Interface Device (NID), which is located at an end user's premise.

2.11 "SPOI" is defined as a Single Point of Interconnection. SBC KANSAS will construct a SPOI only to those multiunit premises where SBC KANSAS has distribution facilities to the premises and SBC KANSAS either

owns, controls, or leases the inside wire, if any, at such premises. If SBC KANSAS has no facilities which it owns, controls or leases at a multiunit premises through which it serves, or can serve, customers at such premises, it is not obligated to construct a SPOI. SBC KANSAS' obligation to build a SPOI for multiunit premises only arises when CLEC indicates that it will place an order for an unbundled subloop network element via a SPOI. If CLEC and SBC KANSAS are unable to negotiate terms and conditions regarding an SPOI, disputed issues, including compensation under forward-looking pricing principles, shall be resolved under the dispute resolution process.

2.12 "SAI/FDI" is defined as the point in the ILEC's network where feeder cable is cross connected to the distribution cable. "SAI" is Serving Area Interface. "FDI" is Feeder Distribution Interface. The terms are interchangeable.

2.13 "Spare" means an existing subloop that is not defective and is either (1) not currently being used to provide service to any customer or (2) is being used to serve a customer but that customer has decided to migrate to CLEC and CLEC has requested reuse of the subloop and will port customer's telephone number to CLEC. If a subloop has been disconnected and thus an end-user is no longer receiving service via that subloop, and such subloop has been determined to be a non-defective pair, then that subloop would be considered an existing Spare portion of the loop.

2.14 "Term-to-NID" is that portion of the 251(c)(3) UNE loop from an accessible terminal to the NID, which is located at an end user's premise. Term-to-NID includes use of the Network Terminating Wire (NTW) and Inside Wire Subloop.

2.15 "ECS-to-SAI/FDI" is that portion of the loop from the ECS to the SAI/FDI.

2.16 "ECS-to-Term" is that portion of the loop from the ECS to the accessible terminal.

2.17 "ECS-to-NID" is that portion of the loop from the ECS to the NID, which is located at an end user's premise. ECS-to-NID includes use of the Network Terminating Wire (NTW) and Inside Wire Subloop.

3.0 SBC KANSAS WILL OFFER THE FOLLOWING SUBLOOP TYPES:

3.1 2-Wire Analog Subloop provides a 2-wire (one twisted pair cable or equivalent) capable of transporting analog signals in the frequency range of approximately 300 to 3000 hertz (voiceband).

3.2 4-Wire Analog Subloop provides a 4-wire (two twisted pair cables or equivalent, with separate transmit and receive paths) capable of transporting analog signals in the frequency range of approximately 300 to 3000 hertz (voiceband).

3.3 Intentionally Left Blank

3.4 As no other type of Subloop, beyond those identified in this Section 3, constitutes a 251(c)(3) UNE subloop, SBC KANSAS is not obligated under this Section 251/252 Agreement to provide any other type of subloop. CLEC shall not request such subloops under this Agreement, whether alone, in combination or Commingled. Accordingly, if CLEC requests and SBC KANSAS provides a subloop(s) that is not described or provided for in this Agreement, SBC KANSAS may, at any time, even after the subloop(s) has been provided to CLEC, discontinue providing such subloop(s) (including any combination(s) including the subloop) upon 30 days' advance written notice to CLEC. Without affecting the application or interpretation of any other provisions regarding waiver, estoppel, laches, or similar concepts in other situations, the failure of SBC KANSAS to refuse to provide, including if SBC KANSAS provides or continues to provide access to such subloop(s) (whether on a stand-alone basis, in combination with UNEs (251(c)(3) or otherwise), with a network element possessed by CLEC, or otherwise), shall not act as a waiver of any part of this Agreement, and estoppel, laches, or other similar concepts shall not act to affect any rights or requirements hereunder.

3.5 Intentionally Omitted

3.6 Intentionally Omitted

3.7 xDSL Subloop is defined in Attachment 25: xDSL and will be available to CLEC in SBC KANSAS where CLEC has an approved and effective Attachment 25: xDSL as part of this Agreement. In addition the

provisions set forth in Attachment 25: xDSL, the xDSL Subloop is subject to the subloop terms and conditions set forth in this Appendix Subloop Elements, the collocation provisions set forth elsewhere in this Agreement, and the rates set forth in the Appendix Pricing, Schedule of Prices. If there is any conflict between the provisions set forth in Attachment 25: xDSL as to the xDSL Subloop and the subloop provisions set forth in this Appendix Subloop Elements the subloop provisions set forth in this Appendix Subloop Elements shall control.

3.8 Inside Wire Subloops CLEC shall be allowed to access these subloops pursuant to 51.319(b)(2).

4.0 ACCESS TO TWISTED-PAIR COPPER SUBLOOPS:

4.1 Access to terminals for twisted-pair copper subloops is defined to include, but is not limited to:

- any technically feasible point near the customer premises accessible by a cross-connect (such as the pole or pedestal, the NID, or the minimum point of entry (MPOE) to the customer premises),
- the Feeder Distribution Interface (FDI) or Serving Area Interface (SAI), where the "feeder" leading back to the central office and the "distribution" plant branching out to the subscribers meet,
- the Terminal (underground or aerial).
- Engineering Controlled Splice

5.0 CLEC MAY REQUEST ACCESS TO TWISTED-PAIR COPPER SUBLOOP SEGMENTS:

	FROM:	TO:
1.	Serving Area Interface or Feeder Distribution Interface	Terminal
2.	Serving Area Interface or Feeder Distribution Interface	Network Interface Device
3.	Terminal	Network Interface Device
4.	NID	Stand Alone
5.	*SPOI (Single Point of Interface)	Stand Alone
6.	Engineering Controlled Splice (ECS)	Serving Area Interface or Feeder Distribution Interface
7.	Engineering Controlled Splice (ECS)	Terminal
8.	Engineering Controlled Splice (ECS)	Network Interface Device

*Provided using the BFR Process. In addition, if a CLEC requests an Interconnection Point which has not been identified, the CLEC will need to submit a BFR.

6.0 PROVISIONING:

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

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

7.0 MAINTENANCE:

7.1 The Parties acknowledge that by separating switching, feeder plant and distribution plant, the ability to perform mechanized testing and monitoring of the subloop from the SBC KANSAS switch/testing equipment will be lost.

7.2 CLEC shall isolate trouble to the SBC KANSAS Subloop portion of the CLEC's service before reporting trouble to SBC KANSAS.

7.3 SBC KANSAS shall charge CLEC a Maintenance of Service Charge (MSC) when CLEC dispatches SBC KANSAS on a trouble report and the fault is determined to be in CLEC's portion of the loop. The SBC KANSAS MSC may be found in the Appendix Pricing, Schedule of Prices or state tariffs.

7.3.1 In the event that both SBC KANSAS and CLEC perform an initial dispatch and the trouble is not resolved, a vendor meet will be scheduled between SBC KANSAS technician and CLEC technician. Following the vendor meet, if the trouble is determined to be in CLEC's portion of the loop, an additional Maintenance of Service charge will be applied. If the trouble is determined to be in SBC KANSAS' portion of the loop, the trouble will be resolved, and prior Maintenance of Service charges will be credited.

7.4 In the event of Catastrophic Damage to the RT, SAI/FDI, Terminal, or NID where CLEC has a Subloop Access Arrangement, SBC KANSAS repair forces will restore service in a non-discriminatory manner and such that the greatest number of all customers will be restored in the least amount of time. Should CLEC cabling require replacement, SBC KANSAS will provide prompt notification to CLEC for CLEC to provide the replacement cable to be terminated as necessary.

8.0 SUBLOOP ACCESS ARRANGEMENTS:

8.1 Prior to ordering subloop facilities, CLEC will establish Collocation using the Collocation process as set forth in the Collocation Appendix, or will establish a Subloop Access Arrangement utilizing the Special Construction Arrangement (SCA), either of which are necessary to interconnect to the SBC KANSAS subloop network. CLEC is not required to have a collocation arrangement in the Central Office in order to establish a Subloop Access Arrangement. If SBC KANSAS provides assistance in the development and deployment of Subloop Access Arrangement to any SBC affiliate or to any CLEC, SBC KANSAS will provide such assistance on a parity basis.

8.2 SBC's assigned Account Manager will serve as the Primary Point of Contact to be an SBC interface during the planning, engineering, and provisioning of the Subloop Access Arrangement.

8.3 Intentionally Left Blank

8.4 The space available for collocating or obtaining various Subloop Access Arrangements will vary depending on the existing plant at a particular location. CLEC will initiate an SCA by submitting a Subloop Access Arrangement Application.

8.5 Upon receipt of a complete and correct Application, SBC KANSAS will provide to CLEC within 30 days a written estimate for the actual construction, labor, materials, and related provisioning costs incurred to fulfill the SCA on a Time and Materials basis.

8.6 The assignment of subloop facilities will incorporate reasonable practices used to administer outside plant loop facilities, and will take into account that CLECs, unlike SBC KANSAS, may not require as many subloop facilities. For example, where SAI/FDI interfaces are currently administered in 25 pair cable complements, CLEC may request and will be assigned a smaller number of cable pairs, but will be charged in 25 pair splicing increments.

8.7 Subloop inquiries do not serve to reserve subloop(s).

8.8 Several options exist for Collocation or 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.

8.9 Prior to submitting the request for SCA, CLEC will be responsible for obtaining rights of way from owners of property where SBC KANSAS will place the equipment necessary for the SAA

8.10 Prior to submitting the Subloop Access Arrangement Application for SCA, CLEC should have the Structure Access appendices in the Agreement to provide the guidelines for both CLEC and SBC KANSAS to successfully implement subloops, should collocation, access to poles/conduits or rights of way be required.

8.11 Except as set forth below, construction of the Subloop Access Arrangement shall take up to ninety (90) days to complete depending upon project size and scope. The time period begins when CLEC submits to SBC KANSAS written approval and payment of not less than 50% of the total estimated construction costs and related provisioning costs after an estimate has been accepted by CLEC and before construction begins, with the balance payable upon completion. SBC KANSAS will not begin any construction under the SCA

until the CLEC has provided proof that it has obtained any necessary access to rights-of-way as defined in Section 8.9. In the event CLEC disputes the estimate for an SAA in accordance with the dispute resolution procedures set forth in the General Terms and Conditions, Section 13, of this Agreement, SBC KANSAS will proceed with construction of the SAA upon receipt from CLEC of notice of the dispute and not less than fifty percent (50%) of the total estimated costs, with the balance payable by CLEC upon completion of the Subloop Access Arrangement. Such payments may be subject to any "true-up", if applicable, upon resolution of the dispute in accordance with the Dispute Resolution procedures.

8.12 Upon completion of the construction activity, CLEC will be allowed to test the installation with a SBC KANSAS technician. If the CLEC desires test access to the Subloop Access Arrangement, CLEC must place its own test point in its cable prior to cable entry into SBC KANSAS' interconnection point.

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

8.14 A non-binding CLEC forecast shall be required as a part of the request for a Subloop Access Arrangement, identifying the estimated number of subloops required for line-shared and non line-shared arrangements to each subtending SAI. This will allow SBC KANSAS to properly engineer access to each SAI and to ensure SBC KANSAS does not provide more available terminations than CLEC expects to use.

8.15 In order to maximize the availability of terminations for all CLECs, CLEC shall provide CFA for its subloop pairs utilizing the same 25-pair binder group. CLEC would begin utilizing the second 25-pair binder group once the first 25-pair binder group reached its capacity.

8.16 Unused CLEC terminations (in normal splicing increments such as 25-pair at a SAI/FDI) which remain unused for a period of one year after the completion of construction of the SCA shall be subject to removal by SBC KANSAS if such terminations are needed by SBC KANSAS to fulfill a request for service. SBC KANSAS shall provide CLEC forty-five (45) days' advance written notice of SBC KANSAS' need for such unused terminations and a date on which it intends to remove the unused terminations.

8.17 In the event a CLEC elects to discontinue use of an existing Subloop Access Arrangement, or abandons such Arrangement by failing to remove its facilities within thirty (30) days of receipt of notice from SBC KANSAS, CLEC shall pay SBC KANSAS for removal of CLEC's facilities from the SAA.

9.0 SUBLOOP ACCESS ARRANGEMENT ACCESS POINTS:

9.1 SAI/FDI or Accessible Terminal

9.1.1 CLEC cable to be terminated in an SBC KANSAS SAI/FDI, or Accessible Terminal, shall consist of 22 or 24-gauge copper twisted pair cable bonded and grounded to the power company Multi Grounded Neutral (MGN). Cable may be filled if buried or buried to aerial riser cable. CLEC's Aerial cables should be aircore.

9.1.2 CLEC may elect to place its cable to within three (3) feet of the Subloop Access Arrangement site and coil up an amount of cable, defined by the SBC KANSAS' and CLEC's engineer in the design phase, that SBC KANSAS will terminate on available binding posts in the SAI/FDI or Terminal.

9.1.3 CLEC may "stub" up a cable at a prearranged meet point, defined during the engineering site visit, which will be scheduled by mutual agreement, but not more than five (5) days from the date of CLEC's request for a subloop arrangement SBC KANSAS will stub out a cable from the SAI/FDI or Terminal, which SBC KANSAS splice to the cable at the meet point.

9.1.4 Dead counts will be offered as long as they have not been placed for expansion purposes and such expansion is planned to occur within a 12-month period beginning on the date of CLEC's submission of the inquiry LSR.

9.1.5 Exhausted termination points in a SAI/FDISBC KANSAS will notify CLEC within fifteen (15) business days if a Subloop termination CLEC has requested to a SAI/FDI is "exhausted." For purposes of this Section 9.1.5,

"exhausted" means when an SAI/FDI's termination points are all terminated to assignable cable pairs. SBC KANSAS may choose to increase capacity of the SAI/FDI by the method of its choice. SBC KANSAS may choose to increase capacity of the Terminal or to construct an adjacent termination facility to accommodate the CLEC's facilities, for which the CLEC will be charged. If SBC KANSAS chooses to increase capacity, it will so notify CLEC within thirty (30) business days of the date on which CLEC requested the Subloop termination and will include in the notice SBC KANSAS' written estimate of the construction, labor, materials and related provisioning costs.

9.1.6 Exhausted Termination Points in a Terminal. SBC KANSAS will notify CLEC within fifteen (15) business days if a Subloop termination CLEC has requested to a Terminal is "exhausted." For purposes of this Section 9.1.6, "exhausted" means when a Terminal's termination points are all terminated to assignable cable pairs. SBC KANSAS may choose to increase the capacity of the Terminal or to construct an adjacent termination facility to accommodate the CLEC facilities. If SBC KANSAS chooses to increase capacity, it will so notify CLEC within thirty (30) business days of the date on which CLEC requested the Subloop termination and will include in the notice SBC KANSAS' written estimate of the construction, labor, materials and related provisioning costs for which the CLEC will be charged.

10.0 RELOCATION OF EXISTING ILEC/CLEC FACILITIES INVOLVED IN A SAA AT A RT, SAI/FDI, TERMINAL OR NID:

10.1 SBC KANSAS shall notify CLEC of pending relocation as soon as SBC KANSAS receives such notice from the property owner or governmental entity that it must relocate its ILEC facilities.

10.2 CLEC shall notify SBC KANSAS of its intentions to remain, or not, in the SAA by way of a new Subloop Access Arrangement Application for a new SCA. If SBC KANSAS receives no response to such notice, CLEC shall be deemed to have determined not to remain and its facilities will be removed and CLEC billed as provided in Section 10.7 below.

10.3 SBC KANSAS shall then provide CLEC an estimate actual cost to terminate CLEC's facilities as part of the relocation of the site including the applicable Subloop Access Arrangement. This process may require a site visit with the CLEC and SBC KANSAS engineer.

10.4 CLEC shall notify SBC KANSAS of acceptance or rejection of the new SCA within 10 business days of its receipt of SBC KANSAS' estimate.

10.5 Upon acceptance of the SBC KANSAS estimate, CLEC shall pay at least 50% of the relocation costs at the same time as it notifies SBC KANSAS of its acceptance of estimated costs.

10.6 If CLEC decides not to continue the Subloop Access Arrangement, CLEC will notify SBC KANSAS as to the date that SBC KANSAS may remove CLEC's facilities from that SAA. CLEC will pay SBC KANSAS for all actual itemized costs incurred by SBC KANSAS associated with the removal of the CLEC's SAA.

10.7 In the event that CLEC does not timely respond to SBC KANSAS' notice but does notify SBC KANSAS of its intention to continue the Subloop Access Arrangement, SBC KANSAS shall move CLEC's facilities and submit a bill for payment to the CLEC for the costs associated with the relocation. If CLEC fails to pay this bill, SBC KANSAS will remove CLEC's facilities from the site upon 30 days notice to the CLEC.

11.0 ESTABLISHMENT OF INTERMEDIARY BOX FOR CLEC ACCESS TO TERM TO NID MTE SUBLOOP SEGMENT

11.1 As an alternative to the establishment of a Subloop Access Arrangement in those instances where CLEC wishes to access/lease SBC KANSAS Term to NID subloop segments in order to serve its end-user customers at MTEs in SBC KANSAS ("Term to NID MTE Subloop Segments"), CLEC may place, own and manage, for its own use, an intermediary box, which would provide CLEC with access to a Term to NID MTE Subloop Segment cross-connect leased from SBC KANSAS within the intermediary box (in order to obtain access to SBC KANSAS Term to NID MTE Subloop Segments). In the event CLEC wishes to access SBC KANSAS Term to NID MTE Subloop Segments via the establishment of an intermediary box, the following rates, terms and conditions shall apply:

11.1.1 CLEC would manage the process for placing its own intermediary box, including, without limitation, coordination with the property owner and/or management. CLEC may, at its discretion, choose to retain ownership in whole or to share ownership of the intermediary box with other CLECs. Intermediary box shall be placed no more than two feet from the SBC terminal.

11.1.2 The intermediary box shall contain blocks that meet SBC KANSAS' published industry standards for the placement of services and facilities and should be labeled with CLEC's ACNA to enable the SBC KANSAS technician the ability to run jumper/cross connect from SBC KANSAS terminal to the intermediary box.

11.1.3 CLEC agrees that the SBC KANSAS technician shall run the jumper/cross-connect from SBC KANSAS' serving terminal to CLEC's intermediary box, in order for CLEC to access SBC KANSAS Term to NID MTE Subloop Segments in SBC KANSAS. For security and safety, SBC will incase the cross connect in conduit, a protective covered common path, between the SBC terminal and the CLEC's intermediary box.

11.1.4 CLEC must have in place Connecting Facility Arrangement (CFA) assignments prior to ordering and assigning specific Term to NID MTE Subloop Segments from SBC KANSAS.

11.1.5 Following CLEC's provisioning, placement, and completion of Connecting Facility Arrangement Assignments ("CFA") data submission to SBC KANSAS associated with the intermediary box, CLEC would place orders and schedule activities related to access to the Term to NID MTE Subloop Segment including, without limitation: transferring the end-user customer's service from SBC KANSAS to CLEC, providing SBC KANSAS with CFA prior to ordering and the assigning of a specific Term to NID MTE Subloop Segment(s).

11.1.6 The ordering procedures for the Term to NID MTE Subloop Segment will be the same as those that apply to subloop UNEs today and shall be submitted to SBC KANSAS by CLEC via a Local Service Request ("LSR").

11.1.7 SBC KANSAS will upon receipt of the LSR from CLEC for a Term to NID MTE Subloop Segment, process the order and place the jumper/cross connect to the CFA provided by the CLEC on the LSR, from the SBC KANSAS terminal to the CLEC intermediary box. SBC KANSAS must have access to the intermediary box for completion of the order.

11.2 In connection with the MTE intermediary box for CLEC access to Term to NID MTE Subloop Segments in 12 State only, CLEC may elect to lease from SBC KANSAS Term to NID MTE Subloop Segments which do not include traditional testing and the associated labor, at the recurring and non-recurring rates set forth in Appendix Pricing, Schedule of Prices for the "Term to NID MTE Subloop Segment" In the event CLEC wishes to lease the Term to NID MTE Subloop Segment from SBC KANSAS in lieu of SBC KANSAS' standard Term to NID subloop segment addressed in this Section 11.2, CLEC understands and agrees no performance measures and/or remedies shall apply to the Term to NID MTE Subloop Segment as a result of the elimination of associated testing and reduction in functionality associated with the Term to NID MTE Subloop Segment.

12.0 ESTABLISHMENT OF TERM TO NID MTE SUBLOOP SEGMENT WHEN NO INTERMEDIARY BOX IS INSTALLED

12.1 In those instances where CLEC elects not to install an intermediary box or to have SBC KANSAS install an intermediary box pursuant to the SAA process outlined herein above, CLEC may still lease from SBC KANSAS Term to NID MTE Subloop Segments which do not include traditional testing and the associated labor, at the recurring and non-recurring rates set forth in Appendix Pricing, Schedule of Prices for the "Term to NID MTE Subloop Segment". In the event CLEC wishes to lease the Term to NID MTE Subloop Segment from SBC KANSAS in lieu of SBC KANSAS' standard Term to NID subloop segment addressed in Section 11.2 above, CLEC understands and agrees no performance measures and/or remedies shall apply to the Term to NID MTE Subloop Segment as a result of the elimination of associated testing and reduction in functionality associated with the Term to NID MTE Subloop Segment. In such cases, SBC KANSAS will provide CLEC with access to the Term To NID MTE subloop via a cross connect. The SBC technician will tag appropriately and will leave up to one foot of exposed wire at CLEC's terminal. The cross connect would then be terminated by the CLEC technician in the CLEC terminal, at a time of CLEC's own choosing.

For security and safety, SBC will incase the cross connect in conduit, a protective covered common path, between the SBC terminal and the CLEC's terminal.

12.2 If CLEC elects this option to obtain access to the Term To NID subloop in an MTE Environment, neither the SBC KANSAS SAA process nor the intermediary box option would be required. Because the CLEC would have full responsibility for terminating the SBC KANSAS cross-connect, SBC KANSAS could not require any CFA information from CLEC.

13.0 ENGINEERING CONTROLLED SPLICE (ECS)

13.1 SBC KANSAS will also make available an Engineering Controlled Splice (ECS), which will be owned by SBC KANSAS, for CLECs to gain access to subloops at or near RTs.

13.2 The ECS shall be made available for Subloop Access Arrangements utilizing the Special Construction Arrangement (SCA).

13.2.1 If CLEC requests such an SCA, CLEC shall pay all of the actual construction, labor, materials and related provisioning costs incurred by SBC KANSAS to fulfill its SCA on a Time and Materials basis, provided that SBC KANSAS will construct any Subloop Access Arrangement requested by CLEC in a cost-effective and efficient manner. If SBC KANSAS elects to incur additional costs for its own operating efficiencies and that are not necessary to satisfy an SCA in a cost-effective and efficient manner, the requesting CLEC will not be liable for such extra costs.

13.2.2 CLEC shall be liable only for costs associated with cable pairs that it orders to be presented at an ECS (regardless of whether CLEC actually utilizes all such pairs), even if SBC KANSAS places more pairs at the splice.

13.2.3 Intentionally Left Blank

13.2.4 SBC KANSAS will either use existing copper or construct new copper facilities between the SAI(s) and the ECS, located in or at the RT site. SBC KANSAS will utilize existing copper facilities before it constructs new copper facilities. Although SBC KANSAS will construct the ECS, the ECS may be owned by SBC KANSAS or the CLEC (depending on the specific arrangement) at the option of SBC KANSAS.

13.2.5 If more than one requesting CLEC obtains space in expanded RTs or in adjacent structures and obtains an Subloop Access Arrangement with the new copper interface point at the ECS, the initial CLEC which incurred the costs of construction of the ECS and/or additional copper/fiber shall be reimbursed those costs in equal proportion to the space or lines used by the subsequent requesting CLECs.

13.2.6 SBC KANSAS may require a separate SCA for each RT site.

13.2.7 Except as set forth below in this Section 13.2.7, CLEC must submit written acceptance and at least 50% of payment for the SCA before SBC KANSAS will begin construction of the ECS. Construction of the ECS and access to the copper subloop may take up to ninety (90) days to complete depending upon project size and scope. CLEC shall be granted access upon completion of the construction of the ECS, provided, however that CLEC must tender payment in full to SBC KANSAS for the SCA before access will be granted. SBC KANSAS will not begin any construction of the ECS until CLEC has provided proof that it has obtained access to any necessary rights-of-way as defined in Section 8.9. In the event CLEC disputes the estimate for the ECS in accordance with the dispute resolution procedures set forth in this Agreement, SBC KANSAS will proceed with construction of the ECS upon receipt from CLEC of notice of the dispute and payment of not less than fifty percent (50%) of the total estimated costs, with the balance payable by CLEC upon completion of the ECS. Such payments may be subject to any "true-up", if applicable, upon resolution of the dispute in accordance with the Dispute Resolution procedures.

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

13.3.1 Dedicated Facility Option (DFO)

13.3.1.1 CLEC may request that SBC KANSAS splice the existing cabling between the ECS and the SAI to the CLEC's Subloop Access Arrangement facility. This facility will be "dedicated" to the CLEC for subsequent subloop orders.

13.3.1.2 CLEC must designate the quantity of subloops it desires to access via this spliced, dedicated facility, specified by subtending SAI.

13.3.1.3 CLEC will compensate SBC KANSAS for each of the dedicated subloop facilities, based on recurring ECS to SAI/FDI subloop charges as provided in the Appendix Pricing, Schedule of Prices, for the quantity of subloops dedicated to the CLEC between the ECS and the SAI. CLEC will pay a single nonrecurring cross connect charge as provided in the Appendix Pricing, Schedule of Prices for ECS to SAI/FDI subloops under this Option.

13.3.1.4 Upon submission of a subloop order using the Engineering Controlled Splice Dedicated Facility Option, SBC will provision subloop connectivity between the associated SAI and the NID at the end user premises. Under the Dedicated Facility Option, SBC will complete the subloop and CLEC will pay the SAI/FDI to NID subloop monthly recurring charge in the Appendix Pricing, Schedule of Prices. No cross connect or non-recurring charges will be applied to an SAI/FDI to NID subloop order under the DFO.

13.3.2 Cross-connected Facility Option (CFO)

13.3.2.1 CLEC may request that SBC KANSAS build an ECS cross-connect junction on which to terminate CLEC's Subloop Access Arrangement facility.

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

13.3.2.3 CLEC must designate the quantity of subloops it desires to access via this cross-connectable, dedicated facility, specified by subtending SAI.

13.3.2.4 Upon submission of a subloop order using the Engineering Controlled Splice Cross-connected Facility Option, SBC will provision subloop connectivity between the associated ECS and the NID at the end user premises. Under the Cross-connected Facility Option, SBC will complete the subloop and CLEC will pay the ECS to NID subloop monthly recurring charge and one cross connect fee as provided in Appendix Pricing, Schedule of Prices. No other cross connect or non-recurring charges will be applied to a subloop order under the CFO.

13.4 CLECs will compensate SBC KANSAS for the charges incurred by SBC KANSAS derived from the CLEC's request for the SCA.

ATTACHMENT 11: NETWORK INTERCONNECTION ARCHITECTURE

This Attachment 11: Network Interconnection Architecture to the Agreement describes the technical arrangement by which XSPEDIUS and SBC KANSAS will interconnect their networks in the event that XSPEDIUS is providing its own switching facilities in a given Exchange Area. The arrangements described herein do not apply to the provision and utilization of unbundled Network Elements which are addressed in Attachment 6: Unbundled Network Elements.

1.0 DEFINITIONS

1.1 "Access Tandem Switch" is defined as a switching machine within the public switched telecommunications network that is used to connect and switch trunk circuits between and among other central office switches for IXC-carried traffic.

1.2 "End Office" or "End Office Switch" is a switching machine that directly terminates traffic to and receives traffic from end users purchasing local exchange services. A PBX is not considered an End Office Switch.

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

1.4 "IntraLATA Toll Traffic" is defined as traffic between one SBC KANSAS local calling area and another SBC-KANSAS local calling area or another LEC within the same LATA.

1.5 "IntraLATA Toll Trunk Group" is defined as a trunk group carrying IntraLATA Toll Traffic as defined above.

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

1.7 "Local Tandem" refers to any Local Only, Local/IntraLATA, or Local/Access Tandem Switch serving a particular LCA (defined below).

1.8 "Local/Access Tandem Switch" is defined as a switching machine within the public switched telecommunications network that is used to connect and switch trunk circuits between and among other central office switches for Section 251(b)(5)/IntraLATA Toll Traffic and IXC-carried traffic.

1.9 A "Local Calling Area" or "LCA" is an SBC KANSAS local calling area, as defined in SBC KANSAS' General Exchange Tariff. LCA is synonymous with "Local Exchange Area" (LEA).

1.10 "Local Interconnection Trunk Groups" are one-way or two-way trunk groups used to carry Section 251(b)(5)/IntraLATA Toll Traffic.

1.11 "Local/IntraLATA Tandem Switch" is defined as a switching machine within the public switched telecommunications network that is used to connect and switch trunk circuits between and among other central office switches for Section 251(b)(5)/IntraLATA Toll Traffic.

1.12 "Local Only Tandem Switch" is defined as a switching machine within the public switched telecommunications network that is used to connect and switch trunk circuits between and among other central office switches for Section 251(b)(5) and ISP Bound Traffic.

1.13 "Offers Service" – At such time as XSPEDIUS opens an NPA/NXX, ports a number to serve an end user, or pools a block of numbers to serve end users.

1.14 "Remote End Office Switch" is an SBC KANSAS switch that directly terminates traffic to and receives traffic from end users of local Exchange Services, but does not have full feature, function and capability of an SBC KANSAS End Office Switch. Such features, functions, and capabilities are provided between an SBC KANSAS Remote End Office Switch via an umbilical and an SBC KANSAS Host End Office.

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

1.16 "Section 251(b)(5)/ IntraLATA Toll Traffic" shall mean for purposes of this Attachment, (i) Section 251(b)(5) Traffic, (ii) ISP-Bound Traffic, (iii) Transit Traffic, (iv) out of area traffic, (v) intraLATA FX or virtual FX traffic (vi) IntraLATA Toll Traffic originating from an end user obtaining local dialtone from XSPEDIUS where XSPEDIUS is both the Section 251(b)(5) Traffic and intraLATA toll provider, and/or (vii) IntraLATA Toll Traffic originating from an end user obtaining local dialtone from SBC-KANSAS where SBC-KANSAS is both the Section 251(b)(5) Traffic and intraLATA toll provider.

1.17 Notwithstanding any other references in this Attachment or its Appendices to two-way trunks, XSPEDIUS shall have the right to choose whether the parties will utilize one-way or two-way trunking for transport of traffic from the POI to the XSPEDIUS' switch.

2.0 REQUIREMENTS FOR ESTABLISHING POINTS OF INTERCONNECTION

Section 2.1 through Section 2.10 are the Parties' requirements for establishing a Point of Interconnection (POI) for the Exchange of Section 251(b)(5)/IntraLATA Toll Traffic.

2.1 XSPEDIUS may utilize facilities of third parties to satisfy all requirements herein, and SBC shall, if requested by XSPEDIUS, route Section 251(b)(5)/ IntraLATA Toll Traffic that is dialed to XSPEDIUS customers to Points of Interconnection of another provider for transiting to XSPEDIUS, provided such Point(s) of Interconnection comply with requirements in this agreement and provided that XSPEDIUS does not have trunking of its own to the same local calling areas. SBC also shall, if requested by XSPEDIUS, and if XSPEDIUS' circuits are busy, route overflow traffic to a third party provider/s Point(s) of Interconnection, provided such Point(s) of interconnection comply with requirements herein. SBC shall accept XSPEDIUS' traffic routed by way of a third party's Point of Interconnection, provided such Point of Interconnection complies with requirements herein and provided that XSPEDIUS' traffic complies with the requirements herein.

2.2 The Parties will interconnect their network facilities at a minimum of one XSPEDIUS designated Point of Interconnection (POI). Neither party shall be required to establish more than one POI per LATA and POIs shall be established pursuant to Section 2.4.

2.3 Intentionally Left Blank

2.4 POIs shall be established at any technically feasible point inside the geographical areas in which SBC KANSAS is the franchised Incumbent LEC and within SBC KANSAS' network.

2.5 Intentionally Left Blank

2.6 Intentionally Left Blank

2.7 POI(s) will be identified by street address and Vertical and Horizontal (V & H) Coordinates.

2.8 Each Party will be responsible for providing the necessary equipment and facilities on its side of the POI.

2.9 If the parties agree to utilize the existing signaling interconnection trunking that is provided by XSPEDIUS, SBC KANSAS will compensate XSPEDIUS for its proportionate share of the use of these interconnection trunks. In addition, SBC KANSAS will pay 100% of the charge for the XSPEDIUS STP port associated with the XSPEDIUS end of the D Link.

2.10 If SBC KANSAS chooses not to use the existing XSPEDIUS D Links, SBC KANASAS may order separate D Links between the XSPEDIUS and SBC KANSAS STPs. XSPEDIUS will bill SBC KANSAS for those D Links pursuant to XSPEDIUS' intrastate tariff.

3.0 TRUNKING REQUIREMENTS PER LCA

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

3.1.1 Each SBC KANSAS Local Tandem in the LCA where XSPEDIUS Offers Service when there are SBC KANSAS Local Tandem(s) in the LCA where XSPEDIUS Offers Service.

3.1.2 Each SBC KANSAS End Office in the LCA where XSPEDIUS Offers Service when there is no SBC Local Tandem in the LCA where XSPEDIUS Offers Service.

3.2 When XSPEDIUS Offers Service in an LCA that has at least one SBC KANSAS Local Tandem, and the Section 251(b)(5)/IntraLATA Toll Traffic between XSPEDIUS and an SBC KANSAS End Office which subtends an SBC KANSAS Local Tandem in the LCA exceeds 24 DS0s at peak over a period of three consecutive months, XSPEDIUS shall establish a Direct End Office Trunk Group (Local Interconnection Trunk Group that terminates to a SBC KANSAS End Office also known as a "DEOT" group) to that SBC KANSAS End Office, whether one way or two way.

3.3 Intentionally Left Blank

3.4 Intentionally Left Blank

3.5 When the LCA in which XSPEDIUS Offers Service for the exchange of Section 251(b)(5)/IntraLATA Toll Traffic is served only by an SBC KANSAS Remote End Office Switch, XSPEDIUS shall DEOT to the appropriate SBC KANSAS Host End Office Switch.

3.6 DEOT group(s) to SBC KANSAS End Offices shall be provisioned as one-way or two-way trunks and used as one-way or two-way trunks.

4.0 INTENTIONALLY LEFT BLANK

5.0 INTENTIONALLY LEFT BLANK

6.0 INTENTIONALLY LEFT BLANK

7.0 INTENTIONALLY LEFT BLANK

8.0 PROVISION OF INFORMATION

8.1 In order to establish or designate any POI and associated trunks and transport facilities under this Agreement, XSPEDIUS shall provide all applicable network information on forms acceptable to SBC KANSAS (as set forth in SBC KANSAS' CLEC Handbook, published on the CLEC website.)

9.0 ASR CONTROL FOR TWO-WAY TRUNK GROUPS

9.1 XSPEDIUS shall have administrative and order control (e.g., determination of trunk group size) of all two-way trunk groups provisioned between XSPEDIUS and SBC KANSAS.

9.2 This only applies to the extent that it does not require SBC KANSAS to redesign its network configuration.

9.3 SBC KANSAS reserves the right to issue an ASR on XSPEDIUS' behalf in the event XSPEDIUS is non-responsive to a TGSR for underutilized trunk groups as outlined in Appendix ITR. At no other time shall SBC KANSAS be allowed to issue ASRs on XSPEDIUS' behalf.

10.0 ANCILLARY SERVICES

10.1 Where XSPEDIUS requires ancillary services (e.g., Directory Assistance, Operator Services, E911), additional POIs may be required for interconnection to such ancillary services.

10.2 XSPEDIUS is solely responsible for the facilities that carry OS/DA, 911, mass calling and Meet-Point trunk groups. The trunking requirements for these are specified in Appendix ITR.

11.0 SIGNALING

11.1 Trunks will utilize Signaling System 7 (SS7) protocol signaling when such capabilities exist within the SBC KANSAS network.

11.2 Multifrequency (MF) signaling will be utilized in cases where SBC KANSAS switching platforms do not support SS7.

12.0 INTERCONNECTION METHODS

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

12.1.1 Physical Collocation

12.1.2 Virtual Collocation

12.1.3 SONET Based

12.1.4 Fiber Meet Point

12.1.5 Leasing of facilities from a third party

12.1.6 CLEC self-buildout

12.1.7 Any other mutually agreeable methods of obtaining interconnection.

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

14.0 TRANSITION TO NEW ARRANGEMENT

14.1 The Parties recognize that embedded one-way trunks may exist. The Parties may agree to negotiate a transition plan to migrate embedded one-way trunks to two-way trunks via any Interconnection method as described in appendix NIM. The Parties will coordinate any such migration, trunk group prioritization, and implementation schedule. SBC KANSAS agrees to develop a cutover plan and project manage the cutover with CLEC participation and agreement.

15.0 Intra-building Interconnection where both Parties have a presence within a central office building (e.g., a condominium arrangement, point of presence or POP hotel) or between two adjacent central office buildings utilizing an intra-building cable. The following terms and conditions will apply to Intra-building Interconnection:

15.1 XSPEDIUS may designate the use of either a fiber optic cable or coax (i.e., DS-3 ABAM) cable, subject to the terms of Section 4.5 of this Part B;

15.2 Such cable will be installed via the shortest practical route between SBC KANSAS' and XSPEDIUS' equipment;

15.3 XSPEDIUS will be responsible for the reasonably incurred installation and maintenance costs for such cable;

15.4 XSPEDIUS will have sole use of the cable unless the Parties mutually agree to joint-use and to an allocation of financial responsibility and an apportionment of the facility capacity of the cable; where SBC uses such cable, entrance facility charges at the rates, terms and conditions set forth in this Agreement shall apply; and

15.5 No other charges shall apply to XSPEDIUS' use of the facilities over such arrangement.

APPENDIX INTERCONNECTION TRUNKING REQUIREMENTS (ITR)

1.0 INTRODUCTION

1.1 The Interconnection of XSPEDIUS and SBC KANSAS networks shall be designed to promote network efficiency.

1.2 This Appendix Interconnection Trunking Requirements (ITR) to Attachment 11: Network Interconnection Architecture provides descriptions of the trunking requirements for XSPEDIUS to interconnect any XSPEDIUS provided switching facility with SBC KANSAS facilities. All references to incoming and outgoing trunk groups are from the perspective of XSPEDIUS.

1.3 If either Party changes the methods by which it trunks and routes traffic within its network, it will afford the other Party the opportunity to trunk and route its traffic in the same manner for purposes of interconnection. The Parties agree to offer and provide to each other B8ZS Extended Superframe and/or 64 Kbps clear channel where it is currently deployed at the time of the request.

1.4 SBC KANSAS will allow XSPEDIUS to use the same physical facilities to provision one-way or two-way trunk groups, XSPEDIUS shall have administrative and order control (e.g., determination of trunk group size) of the trunk groups to the extent that it does not require SBC KANSAS to redesign its network configuration.

1.4.1 Local Interconnection Trunk Groups for the transmission and routing of terminating 251(b)(5)/ IntraLATA Toll Traffic, intraLATA Exchange Access Traffic, including translated intraLATA 8YY traffic. With respect to each route (e.g. where applicable, the Local Interconnection Trunk Groups between a certain XSPEDIUS switch and a certain SBC KANSAS switch), XSPEDIUS may request that Local Interconnection Trunk Groups be established as (1) one-way trunks, (2) two-way that carry only one-way terminating traffic or (3) two-way trunks that carry two-way traffic. The Parties recognize that embedded one-way trunks may exist. The Parties may agree to negotiate a transition plan to migrate embedded one-way trunks to two-way trunks via any Interconnection method as described in appendix NIM. The Parties will coordinate any such migration, trunk group prioritization, and implementation schedule. SBC KANSAS agrees to develop a cutover plan and project manage the cutover with XSPEDIUS participation and agreement.

2.0 TRUNK GROUP CONFIGURATIONS:

2.1 SBC KANSAS will not impose any restrictions on a XSPEDIUS that are not imposed on its own traffic with respect to trunking and routing options afforded the XSPEDIUS. Trunking to an SBC KANSAS Local Only, Local/IntraLATA, or Local/Access Tandem Switch, for the delivery of Section 251(b)(5)/IntraLATA Toll Traffic, shall afford XSPEDIUS access to the NXXs served by the subtending End Offices of that tandem.

2.1.1 CLEC Originating (CLEC to SBC KANSAS):

For XSPEDIUS Originating traffic (XSPEDIUS to SBC KANSAS), subject to Section 1.0 above, InterLATA toll traffic and IntraLATA Toll Traffic originating from an end user obtaining local dialtone from XSPEDIUS where XSPEDIUS is both the Section 251(b)(5) Traffic and IntraLATA toll provider may be combined with Section 251(b)(5) Traffic and ISP-Bound Traffic on the same trunk group when XSPEDIUS routes traffic to an SBC KANSAS Local/IntraLATA Tandem Switch, Local/Access Tandem Switch or directly to a SBC KANSAS End Office. When mutually agreed upon traffic data exchange methods are implemented as specified in Section 5.0 of this Appendix, direct trunk group(s) to SBC

KANSAS End Offices will be provisioned as two-way and used as two-way. When SBC KANSAS Access Tandem Switches are separate from Local Only Tandem Switches, a separate local trunk group used to carry Section 251(b)(5) Traffic and ISP-Bound Traffic will be provided to each Local Only Tandem Switch and a separate IntraLATA Toll Trunk Group used to carry IntraLATA Toll Traffic originating from an end user obtaining local dialtone from XSPEDIUS where XSPEDIUS is both the Section 251(b)(5) Traffic and intraLATA toll provider will be provided to an Access Tandem Switch. When there are multiple SBC KANSAS Local/IntraLATA Tandem Switches and/or Local/Access Tandem Switches in a Local Exchange Area, separate trunk groups will be established to each Local/IntraLATA Tandem Switch and each Local/Access Tandem Switch. Such trunk groups may carry Section 251(b)(5), ISP-Bound Traffic and intraLATA toll traffic originating from an end user obtaining local dialtone from XSPEDIUS where XSPEDIUS is both the Section 251(b)(5) Traffic and intraLATA toll provider. Trunk groups to the Access or Local Tandem Switches will be provisioned as two-way and used as two way. Trunks will utilize Signaling System 7 (SS7) protocol signaling when such capabilities exist within the SBC KANSAS network. Multifrequency (MF) signaling will be utilized in cases where SBC KANSAS switching platforms do not support SS7.

Trunking to an SBC KANSAS Local Tandem, will provide XSPEDIUS access to the SBC KANSAS End Offices which subtend that tandem and to other service providers that are connected to SBC KANSAS. Trunking to an SBC KANSAS End Office(s) will provide XSPEDIUS access only to the NXXs served by that individual End Office(s).

2.1.2 CLEC Terminating (SBC KANSAS to CLEC):

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

2.2 Meet Point Traffic:

Meet Point Traffic will be transported between the SBC KANSAS Access Tandem Switch and XSPEDIUS over a “meet point” trunk group separate from Local Interconnection Trunk Groups. This trunk group will be established for the transmission and routing of Exchange Access traffic and IntraLATA Toll Traffic routed via an IXC between XSPEDIUS’ end users and interexchange carriers via a SBC KANSAS Access Tandem Switch. When SBC KANSAS has more than one Access Tandem Switch within a Local Exchange Area, XSPEDIUS may utilize a single “meet point” trunk

group to one SBC KANSAS Access Tandem Switch within the Local Exchange Area in which XSPEDIUS homes its NPA/NXXs. This trunk group will be provisioned as two-way and will utilize SS7 protocol signaling. Traffic destined to and from multiple interexchange carriers (IXCs) can be combined on this trunk group.

2.3 Direct End Office Trunking:

The Parties shall establish a two-way Direct End Office Trunk Group (DEOT) when actual End Office traffic exceeds 24 DS0s at peak over three consecutive months or when no Local Only, Local/IntraLATA or Local/Access Tandem Switch is present in the Local Exchange Area.

Trunking to an SBC KANSAS End Office shall afford XSPEDIUS access only to the NXXs served by that individual End Office.

2.4 E911 Emergency Traffic:

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

2.5 Mass Calling (Public Response Choke Network):

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

< 15001 access Lines (AC)	2 trunks (min)
15001 to 25000 AC	3 trunks
25001 to 50000 AC	4 trunks
50001 to 75000 AC	5 trunks
> 75000 AC	6 trunks (max)

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

2.6 Operator Services

2.6.1 Inward Assistance Inward Operator Assistance (Call Code 121) - XSPEDIUS may choose from two interconnection options for Inward Operator Assistance.

2.6.2 Option 1 - Interexchange Carrier (IXC)

XSPEDIUS may utilize the Interexchange Carrier Network. XSPEDIUS will route its calls requiring inward operator assistance through its designated IXC POP to SBC KANSAS' TOPS tandem. SBC KANSAS will route its calls requiring inward operator assistance to XSPEDIUS' Designated Operator Switch (TTC) through the designated IXC POP.

XSPEDIUS will use the same OSPS platform to provide local and IXC operator services. Where appropriate, XSPEDIUS will utilize existing trunks to the SBC KANSAS TOPS platform that are currently used for existing IXC inward operator services.

2.6.3 Option 2 - CLEC Operator Switch

XSPEDIUS will identify a switch as the Designated Operator Switch (TTC) for its NPA-NXXs. SBC KANSAS will route XSPEDIUS' calls requiring inward operator assistance to this switch. This option requires a segregated one-way (with MF signaling) trunk group from SBC KANSAS' Access Tandem to the XSPEDIUS switch. XSPEDIUS calls requiring inward operator assistance will be routed to SBC KANSAS' operator over an IXC network.

3.0 TRUNK DESIGN BLOCKING CRITERIA

Trunk forecasting and servicing for the Local Interconnection Trunk Groups will be based on the industry standard objective of 2% overall time consistent average busy season busy hour loads 1% from the End Office to the Tandem and 1% from tandem to End Office based on Neal Wilkinson B.0lM [Medium Day-to-Day Variation] until traffic data is available. Listed below are the trunk group types and their objectives:

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

4.0 FORECASTING/SERVICING RESPONSIBILITIES

4.1 XSPEDIUS agrees to provide an initial trunk forecast for establishing the initial trunk groups. SBC KANSAS shall review this forecast and if SBC KANSAS has any additional information that will change the forecast, SBC-Kansas shall provide this information to XSPEDIUS. Subsequent forecasts will be provided on a quarterly or semi-annual basis, at XSPEDIUS' election. Two of the quarterly forecasts, or one of the semi-annual forecasts, will be provided concurrent with the publication of the SBC KANSAS General Trunk Forecast. The forecast will include yearly forecasted trunk quantities for all trunk groups described in this Appendix for a minimum of three years and the use of Common Language Location Identifier (CLLI-MSG) which is described in Telcordia Technologies documents BR795-100-100 and BR795-400-100. Trunk servicing will be performed on a monthly basis at a minimum.

4.2 The Parties agree to review XSPEDIUS' trunk capacity in accordance with XSPEDIUS' forecasts, including quarterly forecasts, if so elected and submitted by XSPEDIUS.

4.3 Such forecasts shall include, subject to adjustments from time to time as circumstances require:

4.3.1 Yearly forecasted trunk quantities will be for all trunk groups referenced in this appendix for a minimum of three (current and plus-1 and plus-2) years; and

4.3.2 A description of major network projects anticipated for the following six months. Major network projects include the introduction of a new switch, trunking or network

rearrangements, orders greater than 4 DS1s or other activities that are reflected by a significant increase or decrease in trunking demand for the following forecasting period.

4.3.3 Parties shall make all reasonable efforts and cooperate in good faith to develop alternative solutions to accommodate orders when facilities are not available.

4.4 XSPEDIUS shall be responsible for forecasting two-way trunk groups. SBC KANSAS shall be responsible for forecasting and servicing any one way trunk groups terminating to XSPEDIUS and XSPEDIUS shall be responsible for forecasting and servicing any one way trunk groups terminating to SBC KANSAS , unless otherwise specified in this Appendix. Standard trunk traffic engineering methods will be used as described in TELCORDIA TECHNOLOGIES document SR-TAP-000191, Trunk Traffic Engineering Concepts and Applications or as otherwise mutually agreed to by the Parties.

4.5 If forecast quantities are in dispute, the Parties shall meet to reconcile the differences.

4.6 Each Party shall provide a specified point of contact for planning, forecasting and trunk servicing purposes.

4.6.1 The Parties agree to provide non-binding trunk forecast information to each other twice a year, for the trunk groups for which they have order control.

4.6.2 If differences in semi-annual forecasts of the Parties vary by more than 96 additional DS0 two-way trunks for each Local Interconnection Trunk Groups , the Parties shall meet to reconcile the forecast to within 96 DS0 trunks.

4.6.3 If a trunk group is under 75 percent (75%) of centum call seconds capacity on a monthly average basis for each month of any, three (3) consecutive months period, either Party, through the TGSR process, may request the issuance of an order to resize the trunk group, which shall be left with not less than 25% excess capacity.

5.0 SERVICING OBJECTIVE/DATA EXCHANGE

5.1 Each Party agrees to service trunk groups to the blocking criteria listed in Section 3.0 above. Each party will attempt to service trunk groups in a timely manner when they have sufficient data to determine that the service objectives in Section 3.0 are not being met.

5.2 Each Party will make trunk group blockage information available to the other party by mechanized procedures. The existing exchange of data for Access Trunk Groups will be extended to provide data on all joint trunk groups.

5.3 Orders between the Parties to establish, add, change or disconnect trunks shall be processed by using an Access Service Request (ASR). XSPEDIUS will have administrative and order control for the purpose of issuing ASR's on two-way trunk groups.

5.4 Both Parties will jointly manage the capacity of Local Interconnection Trunk Groups. XSPEDIUS may send an ASR to trigger changes to the Local Interconnection Trunk Groups based on capacity assessment and to meet end user demand. SBC KANSAS shall send a Trunk Group Service Request (TGSR) to XSPEDIUS to trigger changes to the Local Interconnection Trunk Groups which exceed 65% capacity based on capacity assessment. The TGSR is a standard industry support interface developed by the Ordering and Billing Forum of the Carrier liaison Committee of the Alliance for Telecommunications Solutions (ATIS) organization. TELCORDIA TECHNOLOGIES Special Report STS000316 describes the format and use of the TGSR. The Party receiving a

complete and accurate ASR will issue a Firm Order Confirmation (FOC) within five (5) business days and, if requested on the ASR, a Design Layout Record (DLR) to the ordering Party within five (5) business days issuance of the FOC.

5.5 In a Blocking Situation:

5.5.1 In a blocking situation, a TGSR will be issued by SBC KANSAS when additional capacity is required to reduce measured blocking to objective design blocking levels based upon analysis of trunk group data. XSPEDIUS, upon receipt and review of a TGSR, in a blocking situation, will issue an ASR to SBC KANSAS within three (3) business days after receipt of the TGSR. XSPEDIUS will note "Service Affecting" on the ASR. These orders will be expedited.

6.0 TRUNK UNDERUTILIZATION

6.1 Underutilization of Local Interconnection Trunk Groups or Meet Point Trunk Groups exists when provisioned capacity is greater than the current need. The parties agree that this over provisioning is an inefficient deployment and use of network resources and results in unnecessary costs. Those situations where more capacity exists than actual usage requires will be handled in the following manner: This is talking about trunk underutilization not facilities.

6.1.1 If a trunk group is sixty-five percent (65%) of CCS capacity on a monthly average basis, for each month of any three (3) consecutive months period, either Party may request the issuance of an order to resize the trunk group, which shall be left with not less than thirty-five percent (35%) excess capacity. In all cases grade of service objectives shall be maintained.

6.1.2 SBC KANSAS may send a Trunk Group Service Request (TGSR) to XSPEDIUS to trigger changes to the Local Interconnection Trunk Groups or Meet Point Trunk Groups based on the capacity assessment. Upon receipt of a TGSR, XSPEDIUS will issue an Access Service Request (ASR) to SBC KANSAS within ten (10) business days after receipt of the TGSR subject to the following sections.

6.1.3 Upon review of the TGSR, if XSPEDIUS does not agree with the resizing, the Parties will schedule a joint planning discussion within twenty (20) business days. The Parties will meet to resolve and mutually agree to the disposition of the TGSR.

6.1.4 If SBC KANSAS does not receive an ASR, or if XSPEDIUS does not respond to the TGSR by scheduling a joint discussion within the twenty (20) business day period, SBC KANSAS will attempt to contact the XSPEDIUS to schedule a joint planning discussion. If the XSPEDIUS will not agree to meet within an additional ten (10) business days and present adequate reason for keeping trunks operational, SBC KANSAS will issue an ASR to resize the Local Interconnection Trunk Groups or Meet Point Trunk Groups.

6.2 In all cases except a blocking situation, XSPEDIUS, upon receipt and review of a TGSR will issue a complete and accurate ASR to SBC KANSAS.

6.2.1 Within ten (10) business days after receipt and review of the TGSR; or

6.2.2 At any time as a result of either Party's own capacity management assessment, in order to begin the provisioning process.

6.2.3 In a blocking situation or upon reasonable demonstration that blocking is likely if the order is not expedited every effort will be made to accommodate the request.

6.3 Projects require the coordination and execution of multiple orders or related activities between and among SBC KANSAS and XSPEDIUS work groups, including but not limited to the initial establishment of Local Interconnection or Meet Point Trunk Groups and service in an area, the introduction of a new switch or central offices, NXX code moves, re-homes, facility grooming, or network rearrangements.

6.3.1 Orders that comprise a project, shall be jointly planned and coordinated.

6.4 XSPEDIUS will be responsible for engineering its network on its side of the Point of Interconnection (POI). SBC KANSAS will be responsible for engineering its network on its side of the POI.

6.5 If one of the Parties is unable to or not ready to perform Acceptance Tests, or is unable to accept the Local Interconnection and Meet Point Trunk Groups by the due date, the Party will provide a requested revised service due date. If XSPEDIUS requests a service due date change which exceeds the 31 calendar days after the original due date, the ASR must be cancelled by the XSPEDIUS. Should the XSPEDIUS fail to cancel such an ASR, SBC KANSAS shall treat the ASR as if it were cancelled.

6.6 Trunk servicing responsibilities for OPERATOR SERVICES trunks used for stand-alone Operator Service or Directory Assistance are the sole responsibility of XSPEDIUS.

6.7 In the event that a Party requires trunk servicing within shorter time intervals than those provided for in this Appendix due to end user demand, such Party may designate it's ASR as an "Expedite" and the other Party shall use best efforts to issue its FOC and DLR and install service within the requested interval.

7.0 SERVICING OBJECTIVE/DATA EXCHANGE

7.1 Each Party agrees to service trunk groups in a timely manner to the Trunk Design Blocking Criteria as necessary to meet customer demand.

7.2 Exchange of traffic data enables each Party to make accurate and independent assessments of trunk group service levels and requirements. Parties agree to exchange this data and to work cooperatively to implement an exchange of traffic data utilizing FTP computer to computer file transfer process.

8.0 INSTALLATION, MAINTENANCE, TESTING AND REPAIR

8.1 Where available and at the request of either Party, each Party shall cooperate to ensure that its trunk groups are configured utilizing the B8ZS ESF protocol for 64 kbps Clear Channel Capability (64CCC) transmission to allow for ISDN interoperability between the Parties' respective networks where it is currently deployed at the time of the request. Trunk groups configured for 64CCC and carrying Circuit Switched Data (CSD) ISDN calls shall carry the appropriate Trunk Type Modifier in the CLCI-Message code. Trunk groups configured for 64CCC and not used to carry CSD ISDN calls shall carry a different code that is appropriate for the Trunk Type Modifier in the CLCI-Message code.

8.2 SBC KANSAS will engineer all Local Interconnection Trunk Groups between SBC KANSAS and XSPEDIUS to a 6dB of digital pad configuration. Further, as of the date of the execution of this Agreement, SBC KANSAS and XSPEDIUS will cooperatively work to identify and convert all existing Local Interconnection Trunk Groups to a 6dB of digital pad configuration.

8.3 Each Party will provide to the other test-line numbers (i.e., switch milliwatt numbers) and access to test lines.

8.3.1 Each Party will cooperatively plan and implement coordinated testing and repair procedures, which may include industry standard 105 and 108 tests, for the meet point and Local Interconnection trunks and facilities to ensure trouble reports are resolved in a timely and appropriate manner.

9.0 NETWORK MANAGEMENT

9.1 Restrictive Controls

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

9.2 Expansive Controls

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

9.3 Mass Calling

XSPEDIUS and SBC KANSAS shall cooperate and share pre-planning information regarding cross-network call-ins expected to generate large or focused temporary increases in call volumes.

10.0 N11 codes (e.g., 411, 611, 911) shall not be sent between the Parties' networks over the Local Interconnection Trunk Groups. Where applicable (e.g., 911), separate trunk groups will be established to carry traffic associated with such codes.

11.0 With respect to Local Interconnection Trunk Groups, the originating Party shall be responsible for all Control Office functions for Local Interconnection Trunk Groups;

12.0 Each Party will issue ASRs for the trunk groups for which it has order control.

13.0 Both Parties will manage the capacity of Local Interconnection Trunk Groups.

13.1 Either Party may issue a Trunk Group Service Request (TGSR) to the other Party to trigger changes it desires to the other Party's Local Interconnection Trunk Groups, for which the other Party has order control, based on its capacity assessment. Within ten (10) business days after the receipt of the TGSR, the receiving Party will either issue an ASR to the other Party or will schedule a joint planning discussion to resolve and mutually agree to the disposition of the TGSR.

APPENDIX NETWORK INTERCONNECTION METHODS (NIM)

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

1.0 FIBER MEET POINT

Fiber Meet Point between SBC KANSAS and CLEC can occur at any mutually agreeable, economically and technically feasible point between CLEC's premises and a SBC KANSAS tandem or end office. The Fiber Meet Point will be on a point-to-point linear chain SONET system over single mode fiber optic cable.

If Fiber Meet Point is the selected method for interconnection, Fiber Meet Point shall be used to provide interconnection trunking as defined in Appendix ITR to Attachment 11: Network Interconnection Architecture for trunk groups used to carry Section 251(b)(5)/IntraLATA Toll Traffic originating from an end user obtaining local dialtone from CLEC where CLEC is both the Section 251(b)(5) Traffic and IntraLATA Toll provider or IntraLATA Toll Traffic originating from an end user obtaining local dialtone from SBC KANSAS where SBC KANSAS is both the Section 251(b)(5) Traffic and IntraLATA Toll provider (hereinafter "Local Interconnection Trunk Groups").

Fiber Meet Point may interconnection trunking as defined in Appendix ITR to Attachment 11: Network Interconnection Architecture (NIA.)

1.1 There are two basic mid-span interconnection designs:

1.1.1 Design One: CLEC's fiber cable and SBC KANSAS' fiber cable are connected at an economically and technically feasible point between the CLEC location and the last entrance manhole at the SBC KANSAS central office.

1.1.1.1 The Parties may agree to a location with access to an existing SBC KANSAS fiber termination panel. In these cases, the network interconnection point (POI) shall be designated outside of the SBC KANSAS building, even though the CLEC fiber may be physically terminated on a fiber termination panel inside of a SBC KANSAS building. In this instance, CLEC will not incur fiber termination charges and SBC KANSAS will be responsible for connecting the cable to the SBC KANSAS facility.

1.1.1.2 The Parties may agree to a location with access to an existing CLEC fiber termination panel. In these cases, the network interconnection point (POI) shall be designated outside of the CLEC building, even though the SBC KANSAS fiber may be physically terminated on a fiber termination panel inside of a CLEC building. In this instance, SBC KANSAS will not incur fiber termination charges and CLEC will be responsible for connecting the cable to the CLEC facility.

1.1.1.3 If a suitable location with an existing fiber termination panel cannot be agreed upon, CLEC and SBC KANSAS shall mutually determine provision of a fiber termination panel housed in an outside, above ground cabinet placed at the physical POI. Ownership and the cost of provisioning the panel will be negotiated between the two parties.

1.1.2 Design Two: CLEC will provide fiber cable to the last entrance manhole at the SBC KANSAS tandem or end office switch with which CLEC wishes to interconnect. CLEC will provide a sufficient

length of fiber optic cable for SBC KANSAS to pull the fiber cable to the SBC KANSAS cable vault for termination. In this case the POI shall be at the manhole location.

1.1.2.1 Each Party is responsible for designing, provisioning, ownership and maintenance of all equipment and facilities on its side of the POI. Each Party is free to select the manufacturer of its Fiber Optic Terminal (FOT). Neither Party will be allowed to access the Data Communication Channel (DCC) of the other Party's FOT.

1.1.2.2 The fiber connection point shall occur at the following location:

1.1.2.2.1 A manhole outside of the SBC KANSAS central office. In this situation, CLEC will provide sufficient fiber optic cable for SBC KANSAS to pull the cable into the SBC KANSAS cable vault for termination. The POI will be at the manhole and SBC KANSAS will assume maintenance responsibility for the fiber cabling from the manhole to the FDF.

1.2 Consistent with this Agreement, the Parties will mutually agree upon the precise terms of each Fiber Meet Point facility. These terms will cover the technical details of the Fiber Meet Point as well as other network interconnection, provisioning and maintenance issues.

1.3 The SBC KANSAS tandem or end office switch includes all SBC KANSAS FOT, multiplexing and fiber required to take the optical signal hand-off provided from CLEC for Local Interconnection Trunk Groups as outlined in Appendix ITR. This location is SBC KANSAS' responsibility to provision and maintain.

1.4 In a meet point arrangement, CLEC and SBC KANSAS will mutually agree on the capacity of the FOT(s) to be utilized. The capacity will be based on equivalent DS1s that contain Local Interconnection Trunk Groups. Each Party will also agree upon the optical frequency and wavelength necessary to implement the interconnection. The Parties will develop and agree upon methods for the capacity planning and management for these facilities, terms and conditions for over-provisioning facilities, and the necessary processes to implement facilities as indicated below. These methods will meet quality standards as mutually agreed to by CLEC and SBC KANSAS.

2.0 AVOIDANCE OF OVER-PROVISIONING

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

3.0 JOINT FACILITY GROWTH PLANNING

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

3.2 Criteria:

3.2.1 Investment is to be minimized;

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

3.3 Processes:

3.3.1 Discussions to provide relief to existing facilities will be triggered when either Party recognizes that the overall system facility (DS1s) is at 65% capacity.

3.3.2 Both Parties will perform a joint validation to ensure current trunks have not been over-provisioned. If any trunk groups are over-provisioned, trunks will be turned down as appropriate. If any trunk resizing lowers the fill level of the system below 65% the growth planning process will be suspended and will not be reinitiated until a 65% fill level is achieved. Trunk design blocking criteria described in Appendix ITR will be used in determining trunk group sizing requirements and forecasts.

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

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

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

3.3.6 The joint planning process/negotiations should be completed within two months of identification of 70% fill.

4.0 VIRTUAL COLLOCATION

The description of Virtual Collocation is contained in SBC KANSAS’ Virtual Collocation tariffs (i.e., SBC KANSAS’ Tariff F.C.C. No. 73 and SBC KANSAS’ Kansas Virtual Collocation Tariff).

5.0 SONET-BASED

The description for obtaining interconnection *by* SONET-Based methods is contained in SBC KANSAS’ SONET-Based Interconnection tariffs (i.e., SBC KANSAS’ Tariff F.C.C. No. 73 *(*Federal Access Tariff for SBC-SOUTHWEST).

6.0 PHYSICAL COLLOCATION

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

7.0 LEASING OF FACILITIES FROM A THIRD PARTY OR CLEC SELF-BUILDOUT

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

8.0 INTENTIONALLY LEFT BLANK

9.0 INTENTIONALLY LEFT BLANK

9.1 Intentionally Left Blank

9.2 Intentionally Left Blank

9.3 Third Party Facilities – where SBC KANSAS utilizes the facilities provided by a source other than itself or XSPEDIUS. SBC KANSAS shall comply with industry standards to maintain network integrity and will be solely responsible for any charges or fees assessed by the third party for use of its facilities.

9.4 Intra-building Interconnection – subject to the mutual agreement of the Parties, where both Parties have a presence within a central office building (e.g., a condominium arrangement, point of presence or POP hotel) or between two adjacent central office buildings utilizing an intra-building cable.

ATTACHMENT 12: INTERCARRIER COMPENSATION

1.0 INTRODUCTION

SBC KANSAS agrees to comply with all generic Kansas Commission reciprocal compensation decisions regarding internet service traffic, including but not limited to Docket 00-GIMT-1054-GIT, subject to the final outcome of appeals of those decisions and the reciprocal compensation selected by the CLEC under this Agreement. Both parties, however, reserve all rights to contest any order or decision requiring the payment of reciprocal compensation for internet service traffic, including the right to seek refunds or to implement a new system of reciprocal compensation, pursuant to regulatory or judicial approval in accordance with the intervening law provisions in the General Terms and Conditions. Nothing in this Attachment shall constitute an admission by SBC KANSAS that ISP-Bound Traffic (as defined in Section 1.2) is in fact Section 251(b)(5) Traffic (as defined below) subject to reciprocal compensation under the 1996 Federal Telecommunications Act.

1.1 For purposes of compensation under this Agreement, the telecommunications traffic traded between CLEC and SBC KANSAS will be classified as either Section 251(b)(5) Traffic (including Local Traffic), ISP-Bound Traffic, Transit Traffic, IntraLATA Interexchange Traffic, Meet Point Billing, FX Traffic (Virtual, Dedicated and FX-type), or Cellular Traffic.

The Parties agree that, notwithstanding the classification of traffic under this Agreement, either Party is free to define its own "local" calling area(s) for purposes of its provision of telecommunications services to its end users. The provisions of this Attachment apply to calls originated over the originating carrier's facilities or over Unbundled Network Elements, as defined in this Agreement. The provisions of this Attachment do not apply to traffic originated over services provided under local Resale service.

1.2 Calls originated by CLEC's end users and terminated to SBC KANSAS' end users (or vice versa) will be classified as Section 251(b)(5) Traffic" under this Agreement and subject to reciprocal compensation if the call: (i) originates and terminates to such end-users in the same SBC KANSAS exchange area; or (ii) originates and terminates to such end-users within different SBC KANSAS Exchanges that share a common mandatory local calling area, as defined in SBC KANSAS' tariff, e.g., mandatory Extended Area Service (EAS), mandatory Extended Local Calling Service (ELCS), or other like types of mandatory expanded local calling scopes. Calls originated by SBC KANSAS' end users and terminated to an ISP served by a CLEC (or vice versa) will be classified as compensable "ISP-Bound Traffic" in accordance with the FCC's Order on Remand and Report and Order, In the Matter of Implementation of the Local Competition Provisions in the Telecommunications Act of 1996, Intercarrier Compensation for ISP-Bound Traffic, FCC 01-131, CC Docket Nos. 96-98, 99-68 (rel. April 27, 2001) (FCC ISP Compensation Order") .

1.3 CLEC may establish its own local calling areas or prices for purpose of retail telephone service offerings.

1.3.1 Pursuant to the Kansas Commission Arbitration Award in Docket No. 05-BTKT-365-ARB, to the extent that Section 251(b)(5) Traffic is provisioned via an FX-type arrangement, such traffic is subject to the rates set forth in Section 3.0 if Option 1 is elected; the rates set forth in Section 1.6.1.2 if Option 2 is elected; or will be subject to a bill and keep arrangement if Option 3 is elected.

1.3.1.1 To the extent that ISP-Bound Traffic is provisioned via an FX-type arrangement, such traffic is subject to the FCC's Interim ISP Terminating Compensation Plan Rate as contained below in Section 1.5.2.2 if Option 1 is elected, the rated contained in Section 1.6.1.2 if Option 2 is elected; or will be subject to a bill and keep arrangement if Option 3 is elected.

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

1.3.2.1 "Dedicated FX Traffic" shall mean those calls routed by means of a physical, dedicated circuit delivering dial tone or otherwise serving an end user's station from a serving Central Office (also known as End Office) located outside of that station's mandatory local calling area. Dedicated FX Service permits the end user physically located in one exchange to be assigned telephone numbers resident in the serving Central (or End) Office in another, "foreign," exchange, thereby creating a local presence in that "foreign" exchange.

1.3.2.2 "Virtual Foreign Exchange (FX) Traffic" and "FX-type Traffic" shall refer to those calls delivered to telephone numbers that are rated as local to the other telephone numbers in a given mandatory local calling area, but where the recipient end user's station assigned that telephone number is physically located outside of that mandatory local calling area. Virtual FX Service also permits an end user physically located in one exchange to be assigned telephone numbers resident in the serving Central (or End) Office in another, foreign," exchange, thereby creating a local presence in the "foreign" exchange. Virtual FX Service differs from Dedicated FX Service, however, in that Virtual FX end users continue to draw dial tone or are otherwise served from a Central (or End) Office which may provide service across more than one Commission-prescribed mandatory local calling area, whereas Dedicated FX Service end users draw dial tone or are otherwise served from a Central (or End) Office located outside their mandatory calling area.

1.3.3 "FX Telephone Numbers" (also known as "NPA-NXX" codes) shall be those telephone numbers with different rating and routing points relative to a given mandatory local calling area.

1.4 With respect to CLEC's rights and obligations concerning CLEC and SBC KANSAS termination of wireline traffic, CLEC shall select one of the three options set forth below upon execution of this Agreement by making a designation on the signature page of the General Terms and Conditions of the Agreement. If CLEC fails to select one of the billing options identified below upon execution of this Agreement on the signature page in the General Terms and Conditions, Option 2 shall automatically apply as the default billing option, for the duration of the Agreement. CLEC may modify the default billing option made at the time of execution of this Agreement by providing advance written notice to SBC Kansas within thirty (30) days of execution of this Agreement. CLEC will operate pursuant to the provisions of the billing option elected at the time of execution of this Agreement until the 31st day of receipt of such written notice, at which time the rate terms and condition of the new option election will become effective. The parties will work cooperatively to amend the Agreement to reflect the new billing option elected within sixty (60) days of written notification. CLEC may choose a different option if this Agreement is subsequently amended by SBC KANSAS pursuant to the Change In Law provisions of this Agreement. CLEC may amend Agreement to make a one-time election to modify its initial option selection made upon execution of this Agreement. CLEC will operate pursuant to the provisions of the option elected at the time of execution of this Agreement until such amendment is approved by the Commission

1.4.1 Option 1: The rates, terms and conditions for compensation (except those pertaining to Option 3) for Section 251(b)(5) Traffic contained below in Section 3.0 and the FCC's interim ISP terminating compensation rate plan for ISP Bound Traffic as contained below in Section 1.5; or

1.4.2 Option 2: Exchange all ISP-Bound Traffic and All Section 251(b)(5) Traffic at the FCC's Interim ISP Terminating Compensation Plan Rate as contained below in Section 1.6; or

1.4.3 Option 3: A reciprocal compensation arrangement for the transport and termination of wireline Section 251(b)(5) Traffic and ISP-Bound Traffic, based upon a long-term Bill and Keep arrangement. "Bill and Keep" refers to an arrangement in which neither of the two interconnecting parties charges each other for terminating traffic that originates on the other network. Each Party may recover the cost of both originating traffic that it delivers to the other Party and terminating traffic that it receives from the other Party from its end users as it deems necessary. With this option, Parties agree to use SS7 interconnection and the terms and conditions as more particularly described in Section 1.7 below.

1.5 Contract Rates for Section 251(b)(5) Traffic and FCC's Interim ISP Terminating Compensation Plan rate for ISP-Bound Traffic (Option 1)

1.5.1 The CLEC may elect to take the rates, terms, and conditions for Section 251(b)(5) Traffic contain in Section 3.0 of this Attachment, and the rates, terms and conditions for ISP-Bound Traffic in Sections 1.5.2 through 1.5.5 which are based on the FCC ISP Compensation Order.

1.5.2 Intercarrier Compensation Rate for ISP-Bound Traffic:

1.5.2.1 The rates, terms, conditions in this Section 1.5 apply only to the termination of ISP-Bound Traffic. ISP-Bound Traffic is subject to the rebuttable presumption stated below.

1.5.2.2 For traffic exchanged after the effective date of this Agreement, the Parties agree to compensate each other for ISP-Bound Traffic on a minute of use basis at $.0007 per minute of use.

1.5.2.3 Payment of Reciprocal Compensation on ISP-Bound Traffic will not vary according to whether the traffic is routed through a tandem switch or directly to an end office switch.

1.5.3 INTENTIONALLY OMITTED

1.5.4 INTENTIONALLY OMITTED

1.5.5 ISP-Bound Traffic Rebuttable Presumption

In accordance with Paragraph 79 of the FCC's ISP Compensation Order, CLEC and SBC KANSAS agree that there is a rebuttable presumption that any of the combined Section 251(b)(5) Traffic and ISP-Bound Traffic exchanged between CLEC and SBC KANSAS exceeding a 3:1 terminating to originating ratio is presumed to be ISP-Bound Traffic subject to the compensation and growth cap terms in this Section 1.5. Either Party has the right to rebut the 3:1 ISP-Bound Traffic presumption by identifying the actual ISP-Bound Traffic by any means mutually agreed by the Parties, or by any method approved by the Commission. If a Party seeking to rebut the presumption takes appropriate action at the Commission pursuant to section 252 of the Act and the Commission agrees that such Party has rebutted the presumption, the methodology and/or means approved by the Commission for use in determining the ratio shall be utilized by the Parties as of the date of the Commission approval and, in addition, shall be utilized to determine the appropriate true-up as described below. During the pendency of any such proceedings to rebut the presumption, CLEC and SBC KANSAS will remain obligated to pay the presumptive rates (reciprocal compensation rates for traffic below a 3:1 ratio, the rates set forth in Section 1.5.2.2 for traffic above the ratio) subject to a true-up upon the conclusion of such proceedings. Such true-up shall be retroactive back to the date a Party first sought appropriate relief from the Commission.

1.5.6 For combined Section 251(b)(5) Traffic and ISP-Bound Traffic exchanged between the Parties which does not exceed a 3:1 terminating to originating ratio as set forth in Section 1.5.5 above, such traffic shall be

defined as "In-Balance" traffic. Each party will invoice the other party on a monthly basis for such "In-Balance" traffic at the reciprocal compensation rates set forth in Section 3.0 for Section 251(b)(5) Traffic.

1.5.7 For combined Section 251(b)(5) Traffic and ISP-Bound Traffic exchanged between the Parties exceeding a 3:1 terminating to originating ratio as set forth in Section 1.5.5 above, such traffic shall be defined as "Out-of-Balance" traffic. The Carrier whose traffic is "Out-of-Balance" will, on a monthly basis, calculate the amount of traffic that will be invoiced as follows: (1) for Section 251(b)(5) traffic, the rates shall be the reciprocal compensation rates set forth in Section 3.0; (2) for ISP-Bound Traffic, the rates shall be the FCC's interim ISP terminating compensation rates set forth in Section 1.5.2.2, until the Growth Cap and/or New Market Bill and Keep arrangement apply if Option one is elected. At such time that Bill and Keep for ISP-Bound Traffic applies, the Carrier whose traffic is "Out-of-Balance" will be responsible for segregating the Bill and Keep traffic from other compensable traffic as outlined in Section 1.5.3.2 above.

1.6 Exchange All ISP-Bound Traffic and All Section 251(b)(5) Traffic at the FCC's ISP Terminating Compensation Plan Rate (Option 2)

The CLEC may elect to take the rates, terms, and conditions contained in this Attachment in Section 1.6. 1 through 1.6.5 for all ISP-Bound Traffic and Section 251(b)(5) Traffic.

1.6.1 Compensation Rate Schedule for ISP-Bound Traffic and Section 251(b)(5) Traffic:

1.6.1.1 The rates, terms, conditions in Sections 1.6.1 through 1.6.4 apply to the termination of all ISP-Bound Traffic and all Section 251(b)(5) Traffic. ISP-Bound Traffic is subject to the rebuttable presumption.

1.6.1.2 The Parties agree to compensate each other for the transport and termination of ISP-Bound Traffic and Section 251(b)(5) Traffic on a minute of use basis, at $.0007 per minute of use.

1.6.1.3 Under Option 2, Payment of Intercarrier Compensation on ISP-Bound Traffic and Section 251(b)(5) Traffic will not vary according to whether the traffic is routed through a tandem switch or directly to an end office switch.

1.6.2 INTENTIONALLY OMITTED

1.6.3 INTENTIONALLY OMITTED

1.6.4 ISP-Bound Traffic Rebuttable Presumption

In accordance with Paragraph 79 of the FCC's ISP Compensation Order, CLEC and SBC KANSAS agree that there is a rebuttable presumption that any of the combined Section 251(b)(5) Traffic and ISP-Bound Traffic exchanged between CLEC and SBC KANSAS exceeding a 3:1 terminating to originating ratio is presumed to be ISP-Bound Traffic subject to the compensation and growth cap terms in this Section 1.6. Either party has the right to rebut the 3:1 ISP presumption by identifying the actual ISP-Bound Traffic by any means mutually agreed by the Parties, or by any method approved by the Commission. If a Party seeking to rebut the presumption takes appropriate action at the Commission pursuant to section 252 of the Act and the Commission agrees that such Party has rebutted the presumption, the methodology and/or means approved by the Commission for use in determining the ratio shall be utilized by the Parties as of the date of the Commission approval and, in addition, shall be utilized to determine the appropriate true-up as described below. During the pendency of any such proceedings to rebut the presumption, CLEC and SBC KANSAS will remain obligated to pay the presumptive rates.

1.6.5 Each party will invoice the other party on a monthly basis for Section 251(b)(5) Traffic and ISP-Bound Traffic at the rates set forth in Section 1.6.1.2 if Option two is elected.

1.7 Long-Term Local Bill and Keep Option (Option 3)

As an alternative to Options 1 and 2, a CLEC can elect long-term local Bill and Keep as the reciprocal compensation arrangement for wireline Section 251(b)(5) Traffic and ISP-Bound Traffic originated and terminated between SBC KANSAS and CLEC in Kansas so long as qualifying traffic between the parties remains in balance in accordance with this Section 1.7. Long-term local Bill and Keep applies only to Section 251(b)(5) Traffic as defined in Section 1.0 and ISP-Bound Traffic as defined in Section 1.2 of this Attachment and does not include Transit Traffic, IntraLATA Interexchange Traffic, Meet Point Billing Traffic, or Cellular Traffic, which shall be subject to compensation as described elsewhere in this Attachment.

1.7.1 The Parties agree that Section 251(b)(5) Traffic and ISP-Bound Traffic exchanged between the Parties will be subject to Bill and Keep as the method of intercarrier compensation provided that Section 251(b)(5) Traffic and ISP-Bound Traffic exchanged between the Parties is in balance within +/-5% of equilibrium (50%).

1.7.1.1 The calculation for determining whether traffic is in balance will be based on the difference between the total Section 251(b)(5) Traffic and ISP-Bound Traffic originated by each Party's end users terminated to the other Party's End Users, divided by the sum of both Parties' end users' terminated Section 251(b)(5) Traffic, and ISP-Bound Traffic multiplied by 100.

1.7.2 The Parties agree that where Section 251(b)(5) Traffic and ISP-Bound Traffic is determined to be out-of-balance by more than 5% per month for three (3) consecutive months, CLEC shall change its election and designate Option 1 or Option 2 for all Section 251(b)(5) Traffic and ISP-Bound Traffic.

1.7.3 INTENTIONALLY OMITTED

1.7.4 INTENTIONALLY OMITTED

1.7.4.1 In the event that either Party disputes whether its Section 251(b)(5) Traffic and ISP-Bound Traffic is in balance the Parties agree to work cooperatively to reconcile the inconsistencies in their usage data.

1.7.4.2 Should the Parties be unable to agree on the amount and balance of Section 251(b)(5) Traffic and ISP-Bound Traffic exchanged between their End Users, either Party may invoke the dispute resolution procedures under this Agreement. In the event that dispute resolution procedures results in the calculations being delayed, the reciprocal compensation rates will apply retroactively to the date such reciprocal compensation were applicable under Sections 1.7.4. and 1.7.5.

1.7.5 Upon reasonable belief that traffic other than wireline Section 251(b)(5) Traffic defined in Section 1.0 and ISP-Bound Traffic as defined in Section 1.2 of this Attachment is being terminated under this long-term local Bill and Keep arrangement, either Party may request a meeting to confirm the jurisdictional nature of traffic delivered as Bill and Keep. Parties will consult with each other to attempt to resolve issues without the need for an audit. Should no resolution be reached within 60 days, an audit may be requested and will be conducted by an independent auditor under an appropriate non-disclosure agreement. Only one audit may be conducted by each Party within a six-month period.

1.7.6 The auditing Party will pay the audit costs unless the audit reveals the delivery of a substantial amount of traffic originating from a party in this Agreement other than wireline Section 251(b)(5) Traffic and ISP-Bound Traffic for termination to the other party under the long term local Bill and Keep arrangement. In the event

the audit reveals a substantial amount of traffic other than Section 251(b)(5) Traffic and ISP-Bound Traffic, the Party delivering such traffic will bear the cost of the audit and will pay appropriate compensation for such traffic with interest at the commercial paper rate as referenced in 9.1 of the General Terms and Conditions of this Agreement.

1.7.7 The Parties will consult and negotiate in good faith to resolve any issues of accuracy or integrity of data collected, generated, or reported in connection with audits or otherwise.

1.7.8 The audit provisions set out in Sections 1.7.6 through 1.7.8 above do not alter or affect audit provisions set out elsewhere in this Agreement.

2.0 RESPONSIBILITIES OF THE PARTIES

2.1 Each Party will include in the information transmitted to the other for each call being terminated on the other's network (where technically available to the transmitting party), the originating Calling Party Number (CPN). For all traffic originated on a Party's network including, without limitation, Interexchange Switched Access Traffic, and wireless traffic, such Party shall provide CPN as defined in 47 C.F.R. § 64.1600(c) ("CPN") in accordance with Section 2.5. In addition, each Party agrees that it shall not strip, alter, modify, add, delete, change, or incorrectly assign any CPN. CPN shall, at a minimum, include information that accurately reflects the physical location of the end user that originated and/or dialed the call, when including such information is technically feasible. If either party identifies improper, incorrect, or fraudulent use of local exchange services (including, but not limited to PRI, ISDN and/or Smart Trunks), or identifies stripped, altered, modified, added, deleted, changed, and/or incorrectly assigned CPN, the Parties agree to cooperate with one another to investigate and take corrective action.

2.2 If one Party is passing CPN but the other Party is not properly receiving information, the Parties will work cooperatively to correct the problem.

2.3 For traffic which is delivered by one Party to be terminated on the other Party's network, if the percentage of such calls passed with CPN is greater than ninety percent (90%), all calls delivered by one Party to the other for termination without CPN will be billed as either Section 251(b)(5) Traffic or IntraLATA Toll Traffic in direct proportion to the total MOUs of calls delivered by one Party to the other with CPN. If the percentage of calls passed with CPN is less than 90%, all calls delivered by one Party to the other without CPN will be billed as Intrastate IntraLATA Toll Traffic.

2.4 CLEC has the sole obligation to enter into a compensation agreement with third party carriers that CLEC originates traffic to and terminates traffic from, including traffic either originated or terminated to a CLEC end-user served by CLEC using an SBC KANSAS non-resale offering whereby SBC KANSAS provides the end office switching on a wholesale basis. In no event will SBC KANSAS have any liability to CLEC or any third party if CLEC fails to enter into such compensation arrangements. In the event that traffic is exchanged with a third party carrier with whom CLEC does not have a traffic compensation agreement, CLEC will indemnify, defend and hold harmless SBC KANSAS against any and all losses including without limitation, charges levied by such third party carrier. The third party carrier and CLEC will bill their respective charges directly to each other. SBC KANSAS will not be required to function as a billing intermediary, e.g., clearinghouse. SBC KANSAS may provide information regarding such traffic to other telecommunications carriers or entities as appropriate to resolve traffic compensation issues.

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

3.1 If Option 1 is elected by the CLEC, in accordance with Section 1.5 of this Attachment, the compensation set forth below will apply to all Section 251(b)(5) Traffic as defined in Section 1.0 of this Attachment.

3.2 Applicability of Rates:

3.2.1 The rates, terms, conditions in this Section 3.0 apply only to the termination of Section 251(b)(5) Traffic except as explicitly noted.

3.2.2 The Parties agree to compensate each other for the termination of Section 251(b)(5) Traffic on a minute of use (MOU) basis. The following rate elements apply, but the corresponding rates are shown in Appendix Pricing:

3.3 Rate Elements:

3.3.1 Tandem Served rate elements are applicable to Tandem Routed Traffic on a terminating MOU basis and includes compensation for the following sub-elements:

3.3.2 Tandem Switching - compensation for the use of tandem switching only, consisting of a duration (per minute) rate element

3.3.3 Tandem Transport - compensation for the transmission facilities between the local tandem and the end offices subtending that tandem consisting of a transport termination (per minute) rate element and transport facility mileage (per minute, per mile) rate element

3.3.4 End Office Switching - compensation for the local end office switching and line termination necessary to complete the transmission in an end office serving arrangement consisting of a duration (per minute) rate element.

3.4 Intercarrier Compensation for Wholesale Local Switching Traffic

3.4.1 Where CLEC provides service to an CLEC end user using any combination of Network Elements that utilizes an SBC KANSAS non-resale offering whereby SBC KANSAS provides the end office switching on a wholesale basis, CLEC will deal directly with a third party carrier for purposes of reciprocal compensation. The following reciprocal compensation terms (unless CLEC is operating under Option 3) shall apply in all cases where CLEC purchases an SBC KANSAS non-resale offering whereby SBC KANSAS provides the end office switching on a wholesale basis. These terms and conditions are in addition to the terms and conditions outlined in Attachment 6. SBC KANSAS is required to provide CLEC with timely, complete and correct information to enable CLEC to meet the requirements of this section.

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

3.4.1.2 For interswitch Section 251(b)(5) Traffic and ISP-Bound Traffic exchanged between SBC KANSAS end users and CLEC's end users where CLEC utilizes an SBC KANSAS non-resale offering whereby SBC KANSAS provides the end office switching on a wholesale basis, the Parties agree to compensate each other for the termination of such traffic at: (i) the FCC Plan rate specified in Section 1.7.2.2 for the transport and termination of Section 251(b)(5) Traffic, including ISP-Bound Traffic, if Option 2 is elected by CLEC; or (ii) the End Office Switch rate set forth in Appendix Pricing and as specified in Section 1.4.2.2 for the

transport and termination of Section 251(b)(5) Traffic, excluding ISP-Bound Traffic and the FCC Plan rate set forth in Section 1.7.8.2 for the transport and termination of ISP-Bound Traffic if Option 1 is elected.

4.0 TANDEM INTERCONNECTION RATE APPLICATION

4.1 Transport and termination rates may vary according to whether the traffic is routed through a tandem switch or directly to an end office switch. If Option 1 or 2 is in effect, the transport and termination rates assessed on the originating carrier shall reflect the functions performed by the terminating carrier in transporting and terminating the calls. Where the terminating party utilizes a tandem switch, or a switch that is capable of serving a geographic area comparable to the area served by an SBC KANSAS tandem switch, the compensation rate for Local Traffic terminated to the party's tandem switch shall consist of the summation of the rates for tandem switching, tandem transport and end office switching as listed in Section 3.3 above.

4.2 Should disputes arise regarding whether CLEC's switch is capable of serving a geographic area comparable to the area served by an SBC KANSAS tandem switch, the Parties shall utilize the Dispute Resolution procedures in this Agreement to resolve the dispute.

5.0 OTHER TELECOMMUNICATIONS TRAFFIC

5.1 The Parties recognize and agree that could also be traded outside of the applicable local calling scope, or routed in ways that could make the rates and rate structure in Options 1, 2, and/or 3 above not apply to calls that fit the definitions of:

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

5.2 The Parties agree that, for the purposes of this Attachment, either Party's end users remain free to place calls on a "Non-Local" basis under any of the above classifications. The applicable rates, terms and conditions for "8YY" Traffic, Feature Group A Traffic, Feature Group D Traffic, IntraLATA and/or InterLATA Traffic, whichever is applicable, shall apply.

6.0 TRANSIT TRAFFIC COMPENSATION

6.1 Transit Traffic is a switching and transport function only, which allows one Party (originating Party) to send Local Traffic, as defined in Section 1.1, to a third party network through the other Party's tandem and/or transport facilities (tandem Party). The Transit Rate set forth below is charged by the tandem Party to the originating Party on a MOU basis. The Transit Rate element is only applicable when calls do not terminate to the tandem Party's End User.

6.2 Where the Transit Provider is sent CPN by the originating carrier, the Transit Provider will send the original and true CPN to the terminating Party. Except as provided in Section 9, below, terminating carriers shall be required to directly bill third parties that originate calls and send traffic over Transiting Carrier's network.

6.3 In the event one Party originates traffic that transits the other Party's network to reach a third party telecommunications carrier with whom the originating Party does not have a traffic interexchange agreement, then the originating Party will indemnify the transiting Party for any lawful charges that any

terminating third-party carrier imposes or levies on the transiting Party for the delivery or termination of such traffic.

6.4 Unless otherwise provided in this Agreement, neither the terminating party nor the tandem provider will be required to function as a billing intermediary, e.g. clearinghouse.

6.5 Subject to section 9 below, CLEC shall not bill SBC KANSAS for terminating any Transit traffic, whether identified or unidentified, i.e. whether SBC KANSAS is sent CPN or is not sent CPN by the originating company. However, in the event CLEC indicates to SBC KANSAS that unidentified transit traffic volume has become significant, SBC KANSAS agrees to work with CLEC to explore alternatives and to devise a jointly agreed approach to minimizing the amount of unidentified transit traffic.

6.6 The transit rate above shall also apply in the case of Local Traffic originated in third party ILEC exchange areas that traverses the SBC KANSAS Tandem Office Switch and terminates in other third party exchange areas, providing the other LEC exchanges share a common mandatory local calling area with all SBC KANSAS exchanges included in a metropolitan exchange.

Transit Compensation	
Transit Rate (tandem switching + common transport termination + 7 X Common Transport Facility/mile)	
Zone 3 (Urban)	$0.000953 (1)
Zone 2 (Suburban)	$0.000981 (1)
Zone 1 (Rural)	$0.001027 (1)
Tandem Switching	$0.000789 (1)
Common Transport Termination Facility/mile (multiply this by 7 to develop average transit rate)	
Zone 3 (Urban)	$0.000007 (1)
Zone 2 (Suburban)	$0.000021 (1)
Zone 1 (Rural)	$0.000042 (1)
Common Transport Termination MOU	
Zone 3 (Urban)	$0.000157 (1)
Zone 2 (Suburban)	$0.000171 (1)
Zone 1 (Rural)	$0.000196 (1)

6.7 Compensation for Termination of Optional Calling Area Service Traffic

6.7.1 Compensation for Optional Calling Area (OCA) Traffic, (also known as Optional Extended Area Service and Optional EAS) is for the termination of intercompany traffic to and from the Commission approved one-way or two-way optional exchanges(s) and the associated metropolitan area except mandatory extended traffic as addressed in Sections 1.2 above.

6.7.2 In the context of this Appendix, Optional Calling Areas (OCAs) in the state of Kansas is outlined in the applicable state Local Exchange tariffs. This rate is independent of any retail service arrangement established by either Party. CLEC is not precluded from establishing its own local calling areas or prices for purposes of retail telephone service; however the terminating rates to be used for any such offering will still be administered as described in this Appendix.

6.7.3 The Optional EAS Transit Rate and *OCA Transport and Termination rates are outlined in Appendix Pricing*.

6.7.4 When a CLEC utilizes an SBC KANSAS non-resale offering whereby SBC KANSAS provides the end office switching on a wholesale basis, to provide services associated with a telephone number with a NXX which has an expanded 2-way area calling scope (EAS) in a SBC KANSAS end office, CLEC will pay the charge contained in Appendix Pricing labeled "EAS Port Additive per MOU". The additives to be paid by CLEC to SBC KANSAS are $0.024 per MOU for toll-free calls made by a SBC KANSAS customer from a metro exchange to an exchange contiguous to a metro exchange and $0.0355 per MOU for toll free calls made by a SBC KANSAS customer to CLEC's optional 2-way EAS customer for contiguous exchanges other than those contiguous to a metro exchange within the scope of the 2-way calling area. These additives will apply in addition to cost-based transport and termination rates for Optional EAS service set forth in the Appendix Pricing.

7.0 INTENTIONALLY OMITTED

8.0 COMPENSATION FOR TERMINATION OF INTRALATA INTEREXCHANGE TOLL TRAFFIC

8.1 IntraLATA Interexchange Traffic, not considered EAS Traffic and carried on the jointly-provided ILEC network, is considered as IntraLATA Toll Traffic and is subject to tariff access charges. Billing arrangements are outlined in Section 11.

8.2 Compensation for the termination of this traffic will be at terminating access rates for Message Telephone Service (MTS) and originating access rates for 800 Service, including the Carrier Common Line (CCL) charge, as set forth in each Party's intrastate access service tariff.

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

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

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

9.2 The Parties will establish MPB arrangements in order to provide Switched Access Services to Interexchange Carriers via a Party's access tandem switch, in accordance with the MPB guidelines adopted by and contained in the Ordering and Billing Forum's MECOD and MECAB documents. Except as modified herein, MPB will be determined during joint network planning.

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

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

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

9.6 MPB will also apply to all jointly provided traffic bearing the 900, 800 and 888 NPAs or any other non-geographical NPAs which may likewise be designated for such traffic where the responsible party is an IXC.

10.0 INTENTIONALLY OMITTED

11.0 BILLING ARRANGEMENTS FOR TERMINATION OF SECTION 251(B)(5) TRAFFIC, ISP-BOUND TRAFFIC AND INTRALATA TOLL TRAFFIC

11.1 In SBC KANSAS each Party, unless otherwise agreed, will calculate terminating interconnection minutes of use based on standard switch recordings made within the terminating carrier's network for Section 251(b)(5) Traffic, ISP-Bound Traffic and IntraLATA Toll Traffic. These terminating recordings are the basis for each Party to generate bills to the originating carrier.

11.1.1 Where a terminating CLEC is not technically capable of billing the originating carrier through the use of terminating records, SBC KANSAS will provide terminating CLEC the appropriate call records that will allow the terminating CLEC the ability to directly bill the proper intercarrier compensation charges to the originating carrier.

11.1.2 Where CLEC is using terminating recordings to bill intercarrier compensation, SBC KANSAS will provide the terminating Category 11-01-XX records by means of the Daily Usage File (DUF) to identify traffic that originates from an end user being served by a third party telecommunications carrier using an SBC KANSAS non-resale offering whereby SBC KANSAS provides the end office switching on a wholesale basis. Such records will contain the Operating Company Number (OCN) of the responsible LEC that originated the calls which CLEC may use to bill such originating carrier for MOUS terminated on CLEC's network.

11.2 ISP-Bound Traffic will be calculated using the 3:1 Presumption as outlined in Sections 1.5.5 and 1.6.4 above.

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

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

12.0 INTENTIONALLY OMITTED

13.0 INTENTIONALLY OMITTED

APPENDIX COLLOCATION

1.0 SBC KANSAS will provide caged, shared caged, common caged, cageless, and other physical collocation arrangements within its Eligible Structures, and where space is Legitimately Exhausted inside an Eligible Structure, SBC KANSAS will provide adjacent space for on-site collocation, and interconnection facilities to access unbundled network elements through adjacent off-site collocation, for physical collocation as set forth in Section 2 of the Kansas Local Access Tariff entitled "Physical Collocation."

2.0 In addition, SBC KANSAS will provide virtual collocation wherein SBC KANSAS maintains and repairs the collocation equipment consistent with the terms of Section 3 of the Kansas Local Access Tariff entitled "Virtual Collocation." In CEVs, huts and cabinets where physical collocation space is not available, the Collocator may opt for virtual collocation where the Collocator maintains and repairs the virtually collocated equipment consistent with the terms of the Kansas Local Access Tariff. SBC KANSAS may, at its option, elect to offer this maintenance alternative in one or more of its central offices, and in one or more of its CEVs, huts and cabinets where physical collocation space is available consistent with the terms of the Kansas Local Access Tariff.

3.0 CLEC shall be permitted, at its option, to place its own NEBS-compliant mini-BDFB in its physical collocation space, for purposes of managing power distribution.

4.0 TRACKING AND BILLING CLEC'S POWER USAGE

4.1 CLEC represents and warrants that it at no time will draw more than 50% of the combined total capacity of the DC power leads (in amperes or "AMPs") provided by SBC KANSAS for a collocation arrangement (the combined total capacity being the aggregate capacity of both leads for that collocation arrangement, including all "A" AMPs and all "B" AMPs). Based upon CLEC's representation and warranty, SBC shall bill CLEC for DC collocation power consumption and HVAC as follows:

(a) For DC collocation power consumption, a monthly recurring rate of $10.61 per AMP applied to fifty percent (50%) of the total capacity ordered and provisioned per the collocation application, and

(b) For HVAC, a monthly recurring rate of $14.62 per 10 AMPs, applied to fifty percent (50%) of the total provided capacity.

By way of example, where SBC KANSAS has provisioned two (2) twenty (20) AMP DC power leads [for a combined total capacity of forty (40) AMPs], SBC shall bill the CLEC the monthly recurring DC Power Consumption charge of $10.61 per AMP for a total of twenty (20) AMPs (i.e., $212.20 per month), and SBC KANSAS shall bill CLEC the monthly recurring HVAC charge of $14.621 per-each-ten (10) AMPs applied against twenty (20) AMPs (i.e., $29.24 per month).

4.1.1 SBC KANSAS has the right to periodically inspect and/or, using non-intrusive methods, to test the amount of DC power CLEC actually draws. In the event CLEC is found to have breached the representation and warranty set forth in paragraph 4.1, the Parties shall resolve the issue using the dispute resolution procedures applicable to this Agreement.

4.2 Notwithstanding Section 4.1, at CLEC's option, power measuring units (PMUs) or meters will be installed on the BDFBs in CLEC's collocation space. These PMUs will be used to measure CLEC's actual power usage for the collocation space, for purposes of SBC KANSAS billing.

4.2.1 Measurements of CLEC's actual power usage shall be taken once each quarter at each of CLEC's collocation arrangements. Based upon these measurements, SBC KANSAS shall bill CLEC for collocation power for the following quarter relying on CLEC's actual metered usage and the applicable usage sensitive per ampere rate for power consumed.

4.2.2 CLEC agrees to notify SBC KANSAS in writing when it removes existing equipment or installs new equipment in CLEC's collocation space. Upon receipt of that notice, a new measurement will be taken of CLEC's actual power usage to be used for billing for the following quarter. After the actual power usage

measurement has been completed, that measurement will be used to calculate the metered power charge for the following three (3) months, or until the next measurement has been taken. CLEC's bill will reflect the new power measurement in the next billing cycle following the completion of the measurement.

4.2.3 Either Party shall have the right, at any time, at its own expense, to verify the accuracy of CLEC's BDFB meter by performing its own meter reading via an alternate method, such as, but not limited to, a clamp-on meter. If the meter readings vary significantly, the Parties agree to perform a joint investigation. If CLEC's BDFB meter is found to be in error, then CLEC agrees to recalibrate, repair, or replace its meter as required. The Parties recognize that the meter readings discussed in this Section 3.4 are instantaneous readings that can experience minor fluctuations due to usage traffic, voltage fluctuations, and calibration of the meters themselves. The readings must vary by more than 10%, or 5 Amps, whichever is greater, before any recalibration, repair, or replacement will be required. If CLEC's BDFB meter is found to be in error, then the Parties will cooperate to calculate the amount of any additional billing due from CLEC for power used, or the amount of any credit due to CLEC for SBC KANSAS over billing for power usage.

4.2.4 If taking a metered power measurement, as described in 4.2.1 and 4.2.2 above, requires access to CLEC's collocation space, at CLEC's option, the meter reading will be performed by an authorized contractor hired by CLEC and approved by SBC KANSAS who is subject to the same security screening requirements imposed on contractors with access to SBC KANSAS' areas within the Central Office. CLEC may, solely at its option, agree to allow unescorted access to an authorized SBC KANSAS employee or to an SBC KANSAS contractor for the purpose of meter reading.

4.2.5 Non–recurring charges for the establishment of a metered power usage system and recurring charges for meter reading will be paid by CLEC. No additional charges for power meters and meter reading will be imposed by SBC KANSAS.

5.0 COMPLETE SPACE DISCONTINUANCE, SPACE REASSIGNMENT, POWER REDUCTION AND INTERCONNECTION TERMINATION REDUCTION

5.1 Complete Space Discontinuance

The Collocator may discontinue an existing Physical Collocation Arrangement which may include equipment, equipment bays, interconnection facilities (e.g., power, timing, grounding and interconnection cabling) and Collocator infrastructure installed within its Physical Collocation space. The Collocator is required to provide a complete and accurate Physical Collocation Application requesting to discontinue its existing Physical Collocation Arrangement. The Collocator must complete the following activities within thirty (30) calendar days from the day the Physical Collocation application was submitted.

(a) Remove Collocator's equipment bays (relay racks) from the Physical Collocation space, using a Company approved Tier 1 or Tier 2 vendor.
(b) Remove Collocator's equipment from the Physical Collocation space, using a Company approved Tier 1 or Tier 2 vendor;
(c) Remove terminations at both ends of cable (e.g. power, timing, grounding, and interconnection) and cut cables up to the Company rack level. Collocator must use a Company approved Tier 1 vendor for this procedure and that vendor must follow TP76300 guidelines for cutting and capping the cable at the rack level.
(d) Remove Collocator's entrance cable between the Physical Collocation Arrangement and the first manhole in accordance with the provisions of this agreement, using a Company approved Tier 1 vendor; (e) Remove Collocator's miscellaneous items from within the Physical Collocation space, using an SBC approved Tier 1 or Tier 2 vendor.

5.1.1 For complete space discontinuance, Collocator will not be responsible for repairing floor tile damaged during removal of relay racks and equipment, nor will Collocator be responsible for cable mining (removal). Instead the company will perform those tasks. Collocator will pay for those tasks, through rate elements listed in 5.5.1.

5.1.2 If the Collocator fails to complete the items identified in 5.1 within thirty (30) calendar days after discontinuance or termination of the physical collocation arrangement, the Company may complete those items and charge the Collocator for any and all claims, expenses, fees or other costs associated with any such completion by SBC, including any materials used and the time spent at the hourly rate for custom work. This work will be performed at the Collocator's risk and expense, and the Collocator will hold the Company harmless from the failure to return any equipment, property or other items.

5.1.3 When discontinuance of the Physical Collocation Arrangement involves the removal of fiber entrance cable, the Collocator's Company approved Tier 1 vendor is only responsible for physically removing entrance cables housed in conduits or inner-ducts and may do so only after the Company confirms that such removal can be accomplished without damaging or endangering other cables contained in a common duct or other equipment resigning in the Central Office.

5.2 Space Reassignment

In lieu of submitting an application to discontinue a Physical Collocation Arrangement per section 5.1, the Collocator ("Exiting CLEC") may reassign the Physical Collocation Arrangement to another CLEC ("CLEC Assignee") subject to certain terms and conditions outlined below. Any such reassignment of the Physical Collocation Arrangement may not occur without the written consent of the Company. In order to request consent to assign a Physical Collocation Arrangement, either the CLEC Assignee or Exiting CLEC may submit a Collocation Application on behalf of both the Exiting CLEC and CLEC Assignee, Space Reassignment shall be subject to the following terms and conditions:

5.2.1 CLEC Assignee must, as of the date of submission of the Physical Collocation Application, have an approved ICA.

5.2.2 Exiting CLEC will be liable to pay all nonrecurring and monthly recurring collocation charges on the Physical Collocation Arrangement to be reassigned until the date the Company turns over the Physical Collocation Arrangement to the CLEC Assignee. Any disputed charges shall be subject to the dispute resolution provisions herein. The Company's obligation to turn over the Physical Collocation Arrangement shall not arise until all undisputed charges are paid. CLEC Assignee's obligation to pay monthly recurring charges for a Physical Collocation Arrangement will begin on the date the Company makes available the Physical Collocation Arrangement to the CLEC Assignee.

5.2.3 An Exiting CLEC may not reassign Physical Collocation space in a central office where a waiting list exists for Physical Collocation space, unless all CLECs on the waiting list above the CLEC Assignee decline their position. This prohibition does not apply in the case of an acquisition, merger or complete purchase of the Exiting CLEC's assets.

5.2.4 CLEC Assignee will defend and indemnify the Company from any losses, costs (including court costs), claims, damages (including fines, penalties, and criminal or civil judgments and settlements), injuries, liabilities and expenses (including attorneys' fees) if any other person, entity or regulatory authority challenges the reassignment of any Physical Collocation Arrangement(s) or otherwise claims a right to the space subject to the reassignment;/

5.2.5 CLEC Assignee or the Exiting CLEC shall submit one (1) complete and accurate application for each Physical Collocation Arrangement. By submitting an application for a Physical Collocation Arrangement, CLEC Assignee represents warrants and agrees that it has obtained an executed sale or lease agreement for and holds proper title to all non-Company equipment and other items in or otherwise associated with each Physical Collocation Arrangement. CLEC Assignee further agrees to indemnify and hold the Company harmless from any third-party claims involving allegations that CLEC Assignee does not hold proper title to such non-Company equipment and other items.

5.2.6 The Company will respond to the Physical Collocation Application within ten (10) calendar days of submission of the completed application, including provision of a price quote. CLEC Assignee must pay 100% of all non-recurring charges in the price quote before the Company begins to convert the Physical Collocation Arrangement being reassigned. Once CLEC Assignee has paid 100% of all such non-recurring charges, the Company shall finish the work to convert the space within thirty (30) calendar days. The

Company and CLEC Assignee will coordinate all conversion work to insure that the end user customers of CLEC Assignee do not suffer disruptions of service.

5.2.7 CLEC Assignee may submit a security application for access to a Physical Collocation Arrangement simultaneously with the Physical Collocation Application. If a completed security application is provided at the time the Collocation Application is filed, the security cards will be made available at the time that the collocation space is turned over. If the security application is not provided at the time that the Collocation Application is filed, then CLEC Assignee may submit a security application for access at any time and the terms and conditions as provided in this Agreement will apply. In no event will the security cards be provided to the CLEC Assignee before the assigned space is turned over.

5.2.8 CLEC Assignee assumes each Physical Collocation Arrangement "as is" which means that the Company will make no changes to the Physical Collocation Arrangement, including no changes to power, interconnection and entrance facilities. Any modifications to such Physical Collocation Arrangement by CLEC Assignee must be submitted via a separate augment application (or as otherwise provided by the applicable ICA).

5.2.9 This section 5.2 does not affect any obligations arising outside of this Agreement.

5.3 Power Reduction

5.3.1 The Collocator may request to decrease the amount of existing power available to a Physical Collocation Arrangement. This can be done either by disconnecting and removing a power cable feed or by fusing down the amperage on a power cable feed. If the Collocator desires to disconnect a power arrangement (A&B feed), the Collocator will be responsible for paying the costs to remove the A&B power cable feeds that make up the power arrangement. If the Collocator desires to reduce the amperage on a power cable feed, the Collocator will be responsible for paying the costs necessary to change the fuse that serves the A&B feeds at the Company power source. In either case, the Collocator must maintain a minimum amount of power on at least one power arrangement (A&B feed) to service their Physical Collocation Arrangement when submitting their power reduction request. The Collocator shall submit an augment application in order to process this request.

5.3.2 If the Collocator desires to only reduce the fuse capacity on an existing power arrangement (A&B feed) rather than disconnect and remove cable to an existing power arrangement, they may only reduce the fuse size to the lowest power amp increment offered in this Agreement. Different minimum amp increments apply for power arrangements fed from either a Company BDFB or a Company Power Plant. When the Collocator is requesting to reduce the fuse capacity only, the fees referenced in section 5.5.3 will apply. When the Collocator has only one power arrangement (A&B feed) serving their Physical Collocation Arrangement, a fuse reduction is the only power reduction option available to the Collocator.

5.3.3 When a power reduction request involves a fuse change only on a power arrangement serviced from the Company BDFB (i.e. power arrangements consisting of a 50 amp A feed and a 50 amp B feed and below) the Collocator must hire a Company approved power vendor to coordinate fuse changes at the Company BDFB. Applicable fees referenced in section 5.5.4 will still apply. When a power reduction request involves a fuse change on a power arrangement serviced from the Company Power Plant (i.e. power arrangements consisting of a 100 amp A feed and a 100 amp B feed and above), the Company shall coordinate the fuse changes at the Company Power Plant.

5.3.4 When a power reduction request requires disconnecting and removing a power cable feed from either the Company's BDFB or Power Plant, the Company will perform the power cable removal work above the rack level (cable mining). Applicable fees referenced in section 5.5.3 will apply, Within 30 days after submitting its power reduction request to disconnect and remove a power arrangement, the Collocator must perform the following activity.

(a) Remove terminations at both ends of the power cable feed and cut cables up to the Company rack level. Collocator must use a Company approved Tier 1 vendor for this procedure and that vendor must follow TP76300 guidelines for cutting and capping the cable at the rack level.

5.3.5 When the Collocator has multiple power arrangement serving a Physical Collocation Arrangement (i.e., one power arrangement consisting of 50 amps on the A feed and 50 amps on the B feed and a second power arrangement consisting of 20 amps on the A feed and 20 amps on the B feed), the Collocator has the option of either fusing down the 50 amp power arrangement (A&B feed) or disconnecting and removing the power cable feed from the 50 amp power arrangement (A&B feed). If the Collocator chooses to disconnect and remove the power cable feed from a power arrangement (A&B feed), then the charges referenced in section 5.5.3 will apply. If the Collocator has multiple power arrangements (A&B feed) where they can request both a fuse reduction and a power cable removal for one Physical Collocation Arrangement [i.e. reduce one power arrangement from 50 amps (A&B feed) to 20 amps (A&B feed) and remove the power cable from a second power arrangement from 50 amps (A&B feed) to 0 amps (A&B feed)], then the project management fee for power cable removal referenced in section 5.5.3 will apply in addition to the individual charges referenced in either section 5.5.3, or 5.5.4 associated with the overall power reduction request.

5.3.6 For any power reduction request (one which involves either a disconnect and removal, refusing only, or a combination of the two), the Collocator must submit an augment application for this request along with the appropriate application and project management fees referenced in section 5.5. The same augment intervals that are outlined in this Agreement for adding power will apply to power reduction requests.

5.4 Interconnection Termination Reduction

5.4.1 The Collocator may request a reduction of the existing amount of interconnection terminations that service a Physical Collocation Arrangement. The Collocator shall submit an augment application in order to process this request. The Collocator must maintain at least one minimum interconnection arrangement increment. The same augment intervals that are outlined in this Agreement for adding interconnection terminations will apply to interconnection termination reductions.

5.4.2 Interconnection termination reduction requests will always require the disconnection and removal of interconnection cable. The Company will perform the interconnection cable removal work above the rack level (cable mining). Applicable fees referenced in section 5.5.5 will apply. Within thirty (30) days after submitting its interconnection termination reduction request to disconnect and remove an interconnection arrangement from its Physical Collocation Arrangement, the Collocator must perform the following activity.

(a) Remove terminations at both ends of the interconnection cable and cut cables up to the Company rack level. Collocator must use a Company approved Tier 1 vendor for this procedure and that vendor must follow TP76300 guidelines for cutting and capping the cable at the rack level.

5.5 Rate Element Descriptions

5.5.1 Rate Element Descriptions for Complete Space Discontinuance

A. Application Fee – The charge assessed by the Company to process the Collocator's application for Physical Collocation Arrangements.

B. Project Management Fee – Complete Space Discontinuance – Reflects the Company's labor costs to project manage the complete discontinuance of the Collocator's space. The labor costs include the Company engineering and real estate costs for planning design of floor tile restoration, interconnection, power and entrance cable removal, stenciling, floor plans, and DC power records.

C. Remove Fiber Jumpers – Remove four fiber jumpers from the Fiber Troughing Duct.

D. Remove Fiber Cables – Remove fiber cable sheaths (1-216 fibers) on dedicated fiber racking. Typical material includes cable scrap boxes (see note 1 below), adjacent equipment protection material, waxed cable cord/twine, gray paint for removing plotter paper for Central Office drawings and transportation and taxes as appropriate.

E. Remove VF/DS0 Cable – Remove cable sheaths totaling 100 pairs and each 100 pair connecting block from the MDF or IDF. Typical material includes cable scrap boxes (see note 1 below), adjacent equipment protection material, heat shrink wrap, waxed cable cord/twine, gray paint for removing stenciling on frame, fire stop material, 8.5"x11" paper for engineering order, plotter paper for Central Office drawings and transportation and taxes as appropriate.

F. Remove DS1 Cable – Remove two sheaths, on transmit and one receive, comprising of a total of 28 DS1 circuits to an existing DSX1 panel. Typical material includes cable scrap boxes (see note 1 below), adjacent equipment protection material, heat shrink wrap, waxed cable cord/twine, blank labels for DSX shelf, 8.5"x11" paper for engineering job order, yellow job wallet, plotter paper for Central Office drawings and transportation and taxes as appropriate.

G. Remove DS3 Cable (Coax) – Remove two coax cables per DS3 circuit to an existing DSX3 panel. Typical material includes cable scrap boxes (see note 1 below), adjacent equipment protection material, heat shrink wrap, waxed cable cord/twine, fire stop material, blank labels for DSX shelf, 8.5"x11" paper for engineering order, yellow job wallet, plotter paper for Central Office drawings and transportation and taxes as appropriate.

H. Remove Timing Cable – Remove a single timing lead (P7 wire). Typical material includes cable scrap boxes (see note 1 below), adjacent equipment protection material, CO timing book sheet, 8.5"x11" paper for engineering order, yellow job wallet, plotter paper for Central Office drawings and transportation and taxes as appropriate.

I. Remove Power Cable – Distribution from the Company BDFB (60 amp A feed and 60 amp B feed & below power arrangements) – Remove 4 power cables, including fuses and fuse panel. Removal activity also requires all costs associated with the power cable removal, packing and shipping, removing stenciling from BDFB, and updating documents as required.

J. Remove Power Cable – Distribution from the Company Power Board (100 amp A feed and 100 amp B feed & above) – Remove 750 MCM cable (4 runs @ 180 feet), and remove and junk fuses and power panel. Removal activity also requires cable scrap boxes (see note 1 below), adjacent equipment protection material, heat shrink wrap, waxed cable cord/twine, gray paint for removing stenciling on Power Board, fire stop material, blank labels for BDFB, yellow job wallet, 8.5"x11" paper for engineering order, plotter paper for Central Office drawings and transportation and taxes as appropriate.

K. Remove Cage Grounding Material – Remove collocation cage grounding lead and ground bar. Typical material includes cable scrap boxes (see note 1 below), adjacent equipment protection material, heat shrink wrap, waxed cable cord/twine, yellow job wallet, 8.5"x11" paper for engineering order, plotter paper for Central Office drawings and transportation and taxes as appropriate.

L. Remove Fiber Entrance Cable – Remove fiber entrance cable from 1st manhole closest to the Central Office through cable vault to its endpoint termination in the collocation space (average 300' of cable). Removal activity also requires infrastructure maps and records, engineering work order, pump/ventilate manhole, safety inspection and removal of safety hazards, fire stops, and mechanized cable pulling tools.

M. Restore Floor Tile - Standard Bay - Remove floor tile & Drive Anchors Flush with Floor Slab, install 547 Floor Patch, apply floor adhesive, and install Vinyl Composite Floor Tile (VCT). Clean & Wax Floor Tile, abatement of asbestos containing Floor Tile, and Air Monitoring for Abatement.

N. Restore Floor Tile – Non-Standard Bay - Remove floor tile & Drive Anchors Flush with Floor Slab, install 547 Floor Patch, apply floor adhesive, and install Vinyl Composite Floor Tile (VCT). Clean & Wax Floor Tile, abatement of asbestos containing Floor Tile, and Air Monitoring for Abatement.

5.5.2 Rate Element Descriptions for Space Reassignment

A. Application Fee – The charge assessed by the Company to process the Collocator's application for Physical Collocation Arrangements.

B. Project Management Fee – Space Reassignment/Restenciling - This fee applies to Space Reassignment request when a "CLEC Assignee" chooses to assign the rights to a Physical Collocation Arrangement from an "Exiting CLEC." The charge reflects the Company's labor costs to project manage the changes/removals and update Central Office inventory/provisioning records, stenciling, floor plans, and DC power records associated with serving the Physical Collocation Arrangement.

C. Restencil DS0/DSL Block – The charge to remove/change stenciling on MDF or IDF per 100 pair blocks.

D. Restencil DS1 Block– The charge to remove/change stenciling on DSX1 panel per 28 DS1s.

E. Restencil DS3 Block – The charge to remove/change stenciling on DSX3 panel per DS3.

F. Restencil Fiber Cable Block - The charge to remove/change stenciling on FDF per 12 pair cable.

G. Restencil Fiber Jumper Block - The charge to remove/change stenciling on FDF per 4 fiber jumpers.

H. Restencil Power – The charge to remove/change stenciling on power source and tag power cables per 1-4 fuses.

I. Restencil Timing – The charge to remove/change stenciling on timing source and tag timing cables per two cable feeds.

J. Timing Record Book Update – The charge to update timing records when changes/removals occur.

K. Interconnection Records Update – The charge to update interconnection records when changes/removals occur.

L. Power Records Update – The charge to update power records when changes/removals occur.

M. Vendor Engineering – The labor costs for the Company Vendor to write the specifications to perform the restenciling job including travel time and site visit.

5.5.3 Rate Element Descriptions for Power Reduction (cable removal)

A. Application Fee – The charge assessed by the Company to process the Collocator's application for Physical Collocation Arrangements.

B. Project Management Fee – Power Reduction (cable removal) - Reflects the Company's labor costs to manage the removal of the individual Collocator's power cable facilities used for or associated with serving the Physical Collocation Arrangement.

C. Remove Power Cable – Distribution from the Company BDFB (50 amp A feed and 50 amp B feed and below power arrangements) – Remove 4 power cables, including fuses and fuse panel. Removal activity also requires all costs associated with the power cable removal, packing and shipping, removing stenciling from BDFB, and updating documents as required.

D. Remove Power Cable – Distribution from the Company Power Board (100 amp A feed and 100 amp B feed and above) – Remove 4 power cables, including fuses and fuse panel. Removal activity also requires all costs associated with the power cable removal, packing and shipping, removing stenciling from Power Board, and updating documents as required.

5.5.4 Rate Element Descriptions for Power Reduction (refusing only)

A. Application Fee – The charge assessed by the Company to process the Collocator's application for Physical Collocation Arrangements.

B. Project Management Fee – Power Re-Fusing Only at the Company BDFB (50 amp A feed and 50 amp B feed & below power arrangements) - Reflects the Company's labor costs to project manage the change of the power re-fusing change on the Collocator's power services associated with serving the Physical Collocation Arrangement when power fuses are being reduced at the Company BDFB. This fee is applicable when the Collocator is coordinating the fuse reduction at the Company BDFB.

C. Project Management Fee – Power Re-Fusing Only at the Company Power Board (100 amp A feed and 100 amp B feed & above power arrangements) - Reflects the Company's labor costs to project manage the change of the individual Collocator's power services associated with serving the Physical Collocation Arrangement when power fuses are being reduced at the Company Power Board. This fee is applicable when the Company is coordinating the fuse reduction at the Company Power Board.

D. Power Fuse Reductions on the Company BDFB (50 amp A feed and 50 amp B feed & below power arrangements) – The charge for the Company to tag cables and update Central Office power records associated with the fuse change on the Company BDFB per 1-4 fuses. This fee applies when the Collocator performs the fuse change at the BDFB.

E. Power Fuse Reductions on the Company Power Board (100 amp A feed and 100 amp B feed & above power arrangements) - The charge for the Company to change the fuse at the Company power board,

tag cables and update Central Office power records associated with fuse change on the Company Power Board per 1-4 fuses.

5.5.5 Rate Element Descriptions for Interconnection Termination Reduction

A. Application Fee – The charge assessed by the Company to process the Collocator's application for Physical Collocation Arrangements.

B. Project Management Fee – Interconnection Termination Reduction – The charge reflects the Company's labor costs to project manage the removal of the interconnection cabling and update the interconnection block stenciling, Central Office and inventory/provisioning records associated with serving the Physical Collocation Arrangement.

C. Remove VF/DS0 Cable – Remove cable sheaths totaling 100 pairs and each 100 pair connecting block from the Company Main Distribution Frame to the Physical Collocation Arrangement.

D. Remove DS1 Cable – Remove two sheaths, on transmit and one receive, comprising of a total of 28 DS1 circuits to an existing DSX1 panel. Typical material includes cable scrap boxes (see note 1 below), adjacent equipment protection material, heat shrink wrap, waxed cable cord/twine, blank labels for DSX shelf, 8.5"x11" paper for engineering job order, yellow job wallet, plotter paper for Central Office drawings and transportation and taxes as appropriate.

E. Remove DS3 Cable (Coax) – Remove two coax cables per DS3 circuit to an existing DSX3 panel. Typical material includes cable scrap boxes (see note 1 below), adjacent equipment protection material, heat shrink wrap, waxed cable cord/twine, fire stop material, blank labels for DSX shelf, 8.5"x11" paper for engineering order, yellow job wallet, plotter paper for Central Office drawings and transportation and taxes as appropriate.

F. Remove Fiber Cables – Remove fiber cable sheaths (1-216 fibers) on dedicated fiber racking. Typical material includes cable scrap boxes (see note 1 below), adjacent equipment protection material, waxed cable cord/twine, gray paint for removing plotter paper for Central Office drawings and transportation and taxes as appropriate.

G. Remove Fiber Jumpers - Remove four fiber jumpers from the Fiber Troughing Duct.

Note 1 for Material: Cable scrap boxes are designed for cable cut into 3 foot lengths. This box is capable of handling 1000 pounds of weight, supporting forklift forks or floor jack lifts, moisture resistant, puncture resistant, and designed to be loaded into railroad cars for shipping.

6.0 COMPLETE SPACE DISCONTINUANCE, SPACE REASSIGNMENT, POWER REDUCTION AND INTERCONNECTION TERMINATION REDUCTION

This section provides rates, terms and conditions for Complete Space Discontinuance, Space Reassignment, Power Reduction and Interconnection Termination Reduction for Virtual Collocation.

6.1 Complete Space Discontinuance

The Collocator may discontinue an existing Virtual Collocation which may include bay space and interconnection facilities (e.g. power, timing, grounding, and interconnection) terminating in the Virtual Collocation Arrangement. The Collocator is required to provide a complete and accurate Virtual Collocation Application requesting to discontinue the Virtual Collocation Arrangement. The Collocator must complete the following activities within thirty (30) calendar days from the day the Virtual Collocation application was submitted:

(A) Remove Collocator's equipment from the Virtual Collocation Arrangement using a Company approved Tier 1 or Tier 2 vendor.

(B) Remove terminations at both ends of cable (e.g., power, timing, grounding, and interconnection) and cut cables up to the Company rack level. Collocator must use a Company approved Tier 1 vendor for this procedure and that vendor must follow TP76300 guidelines for cutting and capping the cable at the rack level.

(C) Remove Collocator's entrance cable between the Virtual Collocation Arrangement and the first manhole in accordance with the provisions of this Agreement.

(D) Remove Collocator's miscellaneous items from the Virtual Collocation Arrangement, using a Company approved Tier 1 or Tier 2 vendor.

6.1.1 For complete space discontinuance of a Virtual Collocation Arrangement, the Collocator will not be responsible for cable mining (removal). Instead the Company will perform those tasks. Collocator will pay for those tasks through rate elements listed in 6.5.1.

6.1.2 If the Collocator fails to complete the items identified in 6.1 within thirty (30) calendar days after discontinuance of termination of the Virtual Collocation Arrangement, the Company may complete those items and charge the Collocator for any and all claims, expenses, fees or other costs associated with any such completion by the Company, including any materials used and the time spent at the hourly rate for custom work. This work will be performed at the Collocator's risk and expense, and the Collocator will hold the Company harmless from the failure to return any equipment, property or other items.

6.1.3 When discontinuance of the Virtual Collocation Arrangement involves the removal of fiber entrance cable, the Collocator's Company approved Tier 1 vendor is responsible for physically removing entrance cables housed in conduits or inner-ducts and may do so only after the Company confirms that such removal can be accomplished without damaging or endangering other cables contained in a common duct or other equipment residing in the Central Office.

6.2 Space Reassignment

In lieu of submitting an application request to discontinue a Virtual Collocation Arrangement section 6.1, the Collocator ("Exiting CLEC") may reassign the Virtual Collocation Arrangement to another CLEC ("CLEC Assignee") subject to certain terms and conditions outlined below. Any such reassignment of the Virtual Collocation Arrangement may not occur without the written consent of the Company. In order to request consent to reassign a Virtual Collocation Arrangement, either the CLEC Assignee or Exiting CLEC may submit a Virtual Collocation Application on behalf of both the Exiting CLEC and CLEC Assignee. Space Reassignment shall be subject to the following terms and conditions:

6.2.1 CLEC Assignee must, as of the date of submission of the Virtual Collocation Application have an approved ICA or an effective interim ICA.

6.2.2 Exiting CLEC will be liable to pay all nonrecurring and monthly recurring collocation charges on each Virtual Collocation Arrangement to be reassigned until the date the Company turns over the Virtual Collocation Arrangement to the CLEC Assignee. The Company's obligation to turn over the Virtual Collocation Arrangement shall not arise until all such charges are paid.

6.2.3 An Exiting CLEC may not reassign Virtual Collocation space in a central office where a collocation waiting list exists for Virtual Collocation, unless all CLECs on the waiting list above the CLEC Assignee decline their position. This prohibition does not apply in the case of an acquisition, merger, or complete purchase of the Exiting CLEC's assets.

6.2.4 CLEC Assignee will defend and indemnify the Company from any losses, costs (including court costs), claims, damages (including fines, penalties, and criminal or civil judgments and settlements), injuries, liabilities and expenses (including attorneys' fees) if any other person, entity or regulatory authority challenges the assignment of any Virtual Collocation Arrangement(s) or otherwise claims a right to the space subject to the assignment.

6.2.5 CLEC Assignee or the Exiting CLEC shall submit one (1) complete and accurate application for each Virtual Collocation Arrangement. By submitting an application for a Virtual Collocation Arrangement, CLEC Assignee represents, warrants and agrees that it has obtained an executed sale or lease agreement for, and holds proper title to all non-Company equipment and other items in or otherwise associated with each Virtual Collocation Arrangement. CLEC Assignee further agrees to indemnify and hold the Company harmless from any third-part claims involving allegations that CLEC Assignee does not hold proper title to such non-Company equipment and other items.

6.2.6 The company will respond to the Virtual Collocation Application within ten (10) calendar days of submission of the completed application, including provision of a price quote. Collocator Assignee must pay 100% of all non-recurring charges in the price quote before the Company begins to convert the Virtual Collocation Arrangement being reassigned. Once CLEC Assignee has paid 100% of all such non-recurring charges, the Company shall finish the work to convert the space within thirty (30) calendar days. The Company and CLEC Assignee will coordinate all conversion work to insure that the end-user customers of CLEC Assignee do not suffer disruptions of service. Such non-recurring charges will include some or all of the following: an application fee, project management fee, and all applicable restenciling fees reference in sections 6.5.2

6.2.7 CLEC Assignee assumes each Virtual Collocation Arrangement "as is" which means that the Company will make no changes to the Virtual Collocation Arrangement, including no changes to power, interconnection and entrance facilities. Any modifications to such Virtual Collocation Arrangement must be submitted via a separate augment application (or as otherwise provided by the applicable ICA).

6.2.8 This section 6.2 does not affect any obligations arising outside of this Collocation Agreement.

6.3 Power Reduction

6.3.1 The Collocator may request to decrease the amount of existing power available to a Virtual Collocation Arrangement.

6.3.2 This can be done either by disconnecting and removing a power cable feed or by fusing down the amperage on a power cable feed. If the Collocator desires to disconnect a power arrangement (A and B feed), the Collocator will be responsible for paying the costs to remove the A and B power cable feeds that make up the power arrangement. If the Collocator desires to reduce the amperage on a power cable feed, the Collocator will be responsible for paying the costs necessary to change the fuses that serve the A and B feeds at the Company Battery Distribution Fuse Bay (BDFB). In either case, the Collocator must maintain a minimum amount of power on at least one power arrangement (A and B feed) to service their Virtual Collocation Arrangement when submitting their power reduction request. The Collocator shall submit an augment application in order to process this request.

6.3.3 If the Collocator desires to only reduce the fuse capacity on an existing power arrangement (A and B feed) rather than disconnect and remove cable to an existing power arrangement, Collocator may only reduce the fuse size to the lowest power amp increment offered in this Agreement. When the Collocator is requesting to reduce the fuse capacity only, the fees referenced in section 6.5.4 will apply. When the Collocator has only one power arrangement (A and B feed) serving their Virtual Collocation Arrangement, a fuse reduction is the only power reduction option available to the Collocator.

6.3.4 When a power reduction request involves a fuse change only on a power arrangement serviced from the Company BDFB (i.e. power arrangement consisting of a 50 amp A feed and a 50 amp B feed and below), the Collocator must hire a Company approved power vendor to coordinate fuse changes at the Company BDFB. Applicable fees referenced in section 6.5.4 will still apply.

6.3.5 When a power reduction request requires disconnecting and removing a power cable feed from the Company's BDFB, the Company will perform the power cable removal work above the rack level (cable mining). Applicable fees referenced in Section 6.5.3 will apply. Within thirty (30) days after submitting its power reduction request to disconnect and remove a power arrangement, the Collocator must perform the following activity:

(A) Remove terminations at both ends of the power cable feed and cut cables up to the Company rack level. Collocator must use a Company approved Tier 1 vendor for this procedure and that vendor must follow TP76300 guidelines for cutting and capping the cable at the rack level.

6.3.6 When the Collocator has multiple power arrangements serving a Virtual Collocation Arrangement (i.e., one power arrangement consisting of 50 amps on the A feed and 50 amps on the B feed and a second power arrangement consisting of 20 amps on the A feed and 20 amps on the B feed), the Collocator has the option of either fusing down the 50 amp power arrangement (A and B feed) or disconnecting and removing the

power cable feed from the 50 amp power arrangement (A and B feed). If the Collocator chooses to disconnect and remove the power cable feed from a power arrangement (A and B feed), then the charges referenced in section 6.5.3 will apply. If the Collocator has multiple power arrangements (A and B feed) where they can request both a fuse reduction and a power cable removal for one Virtual Collocation Arrangement [i.e. reduce one power arrangement from 50 amps (A and B feed) to 20 amps (A and B feed) and remove the power cable from a second power arrangement from 50 amps (A and B feed) to 0 amps (A and B feed)], then the project management fee for power cable removal referenced in section 6.5.3 will apply in addition to the individual charges referenced in either section 6.5.3 or 6.5.4 associated with the overall power reduction request.

6.3.7 For any power reduction request (one which involves either a disconnect and removal, refusing only, or a combination of the two, the Collocator must submit an augment application for this request along with the appropriate application and project management fees referenced in section 6.5. The same augment intervals that are outlined in this Agreement for adding power will apply to power reduction requests.

6.4 Interconnection Termination Reduction

6.4.1 The Collocator may request a reduction of the existing amount of interconnection terminations that service a Virtual Collocation Arrangement. The Collocator shall submit an augment application in order to process this request. The same augment intervals that are outlined in this Agreement for adding interconnection terminations will apply to interconnection termination reductions.

6.4.2 Interconnection termination reduction requests will also require the disconnection and removal of interconnection cable. The Company will perform the interconnection cable removal work above the rack level (cable mining). Applicable fees referenced in section 6.5.5 will apply. Within thirty (30) days after submitting its interconnection termination reduction request to disconnect and remove an interconnection arrangement from its Virtual Collocation Arrangement, the Collocator must perform the following activity:

(A) Remove terminations at both ends of the interconnection cable and cut cables up to the Company rack level. Collocator must use a Company approved Tier 1 vendor for this procedure and that vendor must follow TP76300 guidelines for cutting and capping the cable at the rack level.

6.5 Rate Element Descriptions

6.5.1 Complete Space Discontinuance

(A) Application Fee – The charge assessed by the Company to process the Collocator's application for Virtual Collocation Arrangements.

(B) Project Management Fee – Complete Space Discontinuance – Reflects the Company's labor costs to project manage the complete discontinuance of the CLEC's Virtual Collocation Arrangement. The labor costs include the Company engineering for planning design of space restoration, equipment removal, interconnection, power and entrance cable removal, stenciling, floor plans, and DC power records.

(C) Remove Fiber Jumpers – Remove four fiber jumpers from the Fiber Troughing Duct.

(D) Remove Fiber Cables – Remove fiber cable sheaths (1-216 fibers) on dedicated fiber racking. Typical material includes cable scrap boxes (see note 1 below), adjacent equipment protection material, waxed cable cord/twine, gray paint for removing plotter paper for Central Office drawings and transportation and taxes as appropriate.

(E) Remove VF/DS0 Cable – Remove cable sheaths totaling 100 pairs and each 100 pair connecting block from the MDF or IDF. Typical material includes cable scrap boxes (see note 1 below), adjacent equipment protection material, heat shrink wrap, waxed cable cord/twine, gray paint for removing stenciling on frame, fire stop material, 8.5"x11" paper for engineering order, plotter paper for Central Office drawings and transportation and taxes as appropriate.

(F) Remove DS1 Cable – Remove two sheaths, on transmit and one receive, comprising of a total of 28 DS1 circuits to an existing DSX1 panel. Typical material includes cable scrap boxes (see note 1 below), adjacent equipment protection material, heat shrink wrap, waxed cable cord/twine, blank labels

for DSX shelf, 8.5"x11" paper for engineering job order, yellow job wallet, plotter paper for Central Office drawings and transportation and taxes as appropriate.

(G) Remove DS3 Cable (Coax) – Remove two coax cables per DS3 circuit to an existing DSX3 panel. Typical material includes cable scrap boxes (see note 1 below), adjacent equipment protection material, heat shrink wrap, waxed cable cord/twine, fire stop material, blank labels for DSX shelf, 8.5"x11" paper for engineering order, yellow job wallet, plotter paper for Central Office drawings and transportation and taxes as appropriate.

(H) Remove Timing Cable – Remove a single timing lead (P7 wire). Typical material includes cable scrap boxes (see note 1 below), adjacent equipment protection material, CO timing book sheet, 8.5"x11" paper for engineering order, yellow job wallet, plotter paper for Central Office drawings and transportation and taxes as appropriate.

(I) Remove Power Cable – Distribution from the Company BDFB (60 amp A feed and 60 amp B feed and below power arrangements) – Remove 4 power cables, including fuses and fuse panel. Removal activity also requires all costs associated with the power cable removal, packing and shipping, removing stenciling from BDFB, and updating documents as required.

(J) Remove Fiber Entrance Cable – Remove fiber entrance cable from 1st manhole closest to the Central Office through cable vault to its endpoint termination in the collocation space (average 300' of cable). Removal activity also requires infrastructure maps and records, engineering work order, pump/ventilate manhole, safety inspection and removal of safety hazards, fire stops, and mechanized cable pulling tools.

6.5.2 Space Reassignment

(A) Application Fee – The charge assessed by the Company to process the Collocator's application for Virtual Collocation Arrangements.

(B) Project Management Fee – Space Assignment - This fee applies to Space Assignment request when a "Collocator Assignee" chooses to assign the rights to a Virtual Collocation Arrangement from an "Exiting Collocator." The charge reflects the Company's labor costs to project manage the changes/removals and update Central Office inventory/provisioning records, stenciling, floor plans, and DC power records associated with serving the Virtual Collocation Arrangement.

(C) Restencil DS0/DSL Block – The charge to remove/change stenciling on MDF or IDF per 100 pair blocks.

(D) Restencil DS1 Block– The charge to remove/change stenciling on DSX1 panel per 28 DS1s.

(E) Restencil DS3 Block – The charge to remove/change stenciling on DSX3 panel per DS3.

(F) Restencil Fiber Cable Block - The charge to remove/change stenciling on FDF per 12 pair cable.

(G) Restencil Fiber Jumper Block - The charge to remove/change stenciling on FDF per 4 fiber jumpers.

(H) Restencil Power – The charge to remove/change stenciling on power source and tag power cables per 1-4 fuses.

(I) Restencil Timing – The charge to remove/change stenciling on timing source and tag timing cables per two cable feeds.

(J) Timing Record Book Update – The charge to update timing records when changes/removals occur.

(K) Interconnection Records Update – The charge to update interconnection records when changes/removals occur.

(L) Power Records Update – The charge to update power records when changes/removals occur.

(M) Vendor Engineering – The labor costs for the Company vendor to write the specifications to perform the restenciling job including travel time and site visit.

6.5.3 Power Reduction (cable removal)

(A) Application Fee – The charge assessed by the Company to process the Collocator's application for Physical Collocation Arrangements.

(B) Project Management Fee – Power Reduction (cable removal) - Reflects the Company's labor costs to manage the removal of the individual Collocator's power cable facilities used for or associated with serving the Virtual Collocation Arrangement.

(C) Remove Power Cable – Distribution from the Company BDFB (50 amp A feed and 50 amp B feed and below power arrangements) – Remove 4 power cables, including fuses and fuse panel. Removal activity also requires all costs associated with the power cable removal, packing and shipping, removing stenciling from BDFB, and updating documents as required.

6.5.4 Power Reduction (refusing only)

(A) Application Fee – The charge assessed by the Company to process the Collocator's application for Physical Collocation Arrangements.

(B) Project Management Fee – Power Re-Fusing Only at the Company BDFB (50 amp A feed and 50 amp B feed and below power arrangements) - Reflects the Company's labor costs to project manage the change of the power re-fusing change on the Collocator's power services associated with serving the Physical Collocation Arrangement when power fuses are being reduced at the Company BDFB. This fee is applicable when the Collocator is coordinating the fuse reduction at the Company BDFB.

(C) Power Fuse Reductions on the Company BDFB (50 amp A feed and 50 amp B feed and below power arrangements) – The charge for the Company to tag cables and update Central Office power records associated with the fuse change on the Company BDFB per 1-4 fuses. This fee applies when the Collocator performs the fuse change at the BDFB.

6.5.5 Interconnection Termination Reduction

(A) Application Fee – The charge assessed by the Company to process the Collocator's application for Virtual Collocation Arrangements.

(B) Project Management Fee – Interconnection Termination Reduction – The charge reflects the Company's labor costs to project manage the changes/removals and update the interconnection block stenciling, Central Office and inventory/provisioning records associated with serving the Virtual Collocation Arrangement.

(C) Remove VF/DS0 Cable – Remove cable sheaths totaling 100 pairs and each 100 pair connecting block from the Company Main Distribution Frame to the Virtual Collocation Arrangement.

(D) Remove DS1 Cable – Remove two sheaths, on transmit and one receive, comprising of a total of 28 DS1 circuits to an existing DSX1 panel. Typical material includes cable scrap boxes (see note 1 below), adjacent equipment protection material, heat shrink wrap, waxed cable cord/twine, blank labels for DSX shelf, 8.5"x11" paper for engineering job order, yellow job wallet, plotter paper for Central Office drawings and transportation and taxes as appropriate.

(E) Remove DS3 Cable (Coax) – Remove two coax cables per DS3 circuit to an existing DSX3 panel. Typical material includes cable scrap boxes (see note 1 below), adjacent equipment protection material, heat shrink wrap, waxed cable cord/twine, fire stop material, blank labels for DSX shelf, 8.5"x11" paper for engineering order, yellow job wallet, plotter paper for Central Office drawings and transportation and taxes as appropriate.

(F) Remove Fiber Cables – Remove fiber cable sheaths (1-216 fibers) on dedicated fiber racking. Typical material includes cable scrap boxes (see note 1 below), adjacent equipment protection material, waxed cable cord/twine, gray paint for removing plotter paper for Central Office drawings and transportation and taxes as appropriate.

(G) Remove Fiber Jumpers - Remove four fiber jumpers from the Fiber Troughing Duct.

Note 1 for Material: Cable scrap boxes are designed for cable cut into 3 foot lengths. This box is capable of handling 1000 pounds of weight, supporting forklift forks or floor jack lifts, moisture resistant, puncture resistant, and designed to be loaded into railroad cars for shipping.

7.0 COLLOCATION PRICE QUOTES

7.1 Each SBC KANSAS price quote for a collocation service must include, for every individual price component, the applicable USOC, non-recurring charge(s) and monthly recurring charge(s).

APPENDIX POLES, CONDUITS, AND RIGHTS-OF-WAY

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

This Appendix is made by and between Southwestern Bell Telephone, L.P. d/b/a SBC Kansas ("SBC KANSAS") and CLEC Coalition. ("CLEC"). As provided in this Appendix, SBC KANSAS will provide CLEC nondiscriminatory access, in accordance with the Pole Attachment Act, the Telecommunications Act of 1996, and applicable rules, regulations, and commission orders, to poles, ducts, conduits, and rights-of-way owned or controlled by SBC KANSAS and located in this state.

ARTICLE 1: PARTIES

1.01 Southwestern Bell Telephone, L.P. d/b/a SBC Kansas ("SBC KANSAS") is a Texas Limited Partnership. SBC KANSAS' principal office is located at 530 McCullough, San Antonio, Texas 78215.

1.02 CLEC Coalition. ("CLEC") is a corporation chartered in the State of State. CLEC maintains an office at Address, State, zip code. CLEC is more fully described in EXHIBIT II ("Identification of CLEC").

ARTICLE 2: PURPOSE OF APPENDIX

The Communications Act of 1934, as amended by the Telecommunications Act of 1996, states that each local exchange carrier has the duty to afford access to the poles, ducts, conduits, and rights-of-way of such carrier on rates, terms, and conditions that are consistent with the Pole Attachment Act, 47 U.S.C. § 224, as amended by the Telecommunications Act of 1996. The primary purpose of this Appendix is to set forth the basic rates, terms, conditions, and procedures under which CLEC shall have access to SBC KANSAS' poles, ducts, conduits, and rights-of-way SBC KANSAS shall provide CLEC with nondiscriminatory access to poles, ducts, conduits, or rights-of-way owned solely or in part by it, or controlled by it, as the term "nondiscriminatory access" is defined in the Telecommunications Act of 1996. This Appendix is intended by the parties to implement, rather than abridge, their respective rights and remedies under federal and state law.

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

ARTICLE 3: DEFINITIONS

3.01 Definitions In General. As used in this Appendix, the terms defined in this article shall have the meanings set forth below in Sections 3.02 to 3.48 except as the context otherwise requires.

3.02 Anchor. The term "anchor" refers to a device, structure, or assembly which stabilizes a pole and holds it in place. An anchor assembly may consist of a rod and fixed object or plate, typically embedded in the ground, which is attached to a guy strand or guy wire which, in turn, is attached to the pole. The term "anchor" does not include the guy stand which connects the anchor to the pole.

3.03 Appendix. When capitalized, the term "Appendix" refers to this Master Agreement for Access to Poles, Ducts, Conduits, and Rights-of-Way. The term "Appendix" includes all appendices, attachments, and addenda to this Appendix.

3.04 Assigned. When used with respect to pole, duct, conduit, or right-of-way space, the term "assigned" refers to space that is occupied by, or has been designated for occupancy by, either party or by another

telecommunications carrier, cable television system, provider of telecommunications services, governmental entity, or other person or entity having occupancy rights. Except as otherwise specifically provided in this Appendix, no person or entity shall have the right to occupy space assigned to another person or entity (other than on a temporary basis in the event of emergency) until the assignment has been released or lapsed. Assignment is further described in Article 8 of this Appendix.

3.05 Authorized contractor. "Authorized contractors" are contractors selected by CLEC who may, subject to CLEC's direction and control, perform facilities modification or make-ready work which would ordinarily be performed by SBC KANSAS or persons acting on SBC KANSAS' behalf. As used in this Appendix, the term "authorized contractor" does not refer to contractors performing routine installation, maintenance, or repair work on CLEC's behalf or other contractors who may be selected by CLEC to perform work on CLEC's behalf without SBC KANSAS' approval. More specifically, the term "authorized contractor" refers only to those contractors included on a list of contractors mutually approved by CLEC and SBC KANSAS to perform one or more of the following tasks within a specified SBC KANSAS construction district: (a) installation of those sections of CLEC's ducts or facilities which connect to SBC KANSAS' conduit system as provided in Section 6.08(c); (b) installation of inner duct as provided in Section 10.02(b); (c) excavation work in connection with the removal of retired or inactive (dead) cables as provided in Section 10.02(c); or (d) make-ready work as provided in Sections 10.04 and 10.05. A person or entity approved as an authorized contractor is only an authorized contractor with respect to those tasks for which such person or entity has been approved by both parties and is an authorized contractor only in those SBC KANSAS construction districts agreed to by both parties. Designation of an authorized contractor for a specific category of tasks shall not be deemed to be the designation of such person or entity as an authorized contractor for other purposes, nor shall approval of an authorized contractor by one SBC KANSAS construction district constitute approval of such authorized contractor for the area served by a different SBC KANSAS construction district; provided, however, that if a specific construction job extends beyond the boundaries of a single construction district, an authorized contractor shall, for the purposes of that job, be deemed to have been approved by all SBC KANSAS construction districts in which the work is to be performed.

3.06 Available. When used with respect to pole, duct, conduit, and right-of-way space, the term "available" refers to space that is not occupied or assigned. In conduit systems owned or controlled by SBC KANSAS, maintenance ducts shall not be considered "available" for assignment. All other unassigned ducts, inner ducts, sub-ducts, and partitioned conduits in a conduit system owned or controlled by SBC KANSAS shall be deemed available for assignment.

3.07 Cables. The term "cable" includes but is not limited to twisted-pair copper, coaxial, and fiber optic cables. Cables are transmissions media which may be attached to or placed in poles, ducts, conduits, and rights-of-way but are not themselves poles, ducts, conduits, or rights-of-way. Nothing contained in this Appendix shall be construed as a grant of access to cables attached to SBC KANSAS' poles or placed in SBC KANSAS' ducts, conduits, or rights-of-way.

3.08 Conduit. The term "conduit" refers to all SBC KANSAS conduits subject to the Pole Attachment Act and the provisions of the Telecommunications Act of 1996 codified as 47 U.S.C. §§ 251(b)(4) and 271(c)(2)(B)(iii). In general, conduits are tubes or structures, usually underground or on bridges, containing one or more ducts used to enclose cables, wires, and associated transmission equipment. Except as the context otherwise requires, the term "conduit" refers only to conduit owned or controlled by SBC KANSAS, including the re-enterable manholes and handholes used to connect ducts and provide access to the cables, wires, and facilities within the ducts. As used in this Appendix, the term "conduit" refers only to conduit structures (including ducts, manholes, and handholes) and space within those structures and does not include (a) cables and other telecommunications equipment located within conduit structures or (b) central office vaults, controlled environment vaults, or other SBC KANSAS structures (such as huts and cabinets) which branch off from SBC KANSAS conduit.

3.09 Conduit occupancy. The term "conduit occupancy" refers to the presence of wire, cable, optical conductors, or other within any part of SBC KANSAS' conduit system.

3.10 Conduit system. The term "conduit system" refers to any combination of ducts, conduits, manholes, and handholes joined to form an integrated whole. As used in this Appendix, the term "conduit system" refers only to conduit systems owned, or controlled by SBC KANSAS and does not include (a) cables and other telecommunications equipment located within conduit structures, (b) central office vaults, controlled environment vaults, or other SBC KANSAS structures (such as huts and cabinets) which branch off from SBC KANSAS conduit or (c) isolated pipe and ducts not connected to the conduit system.

3.11 Construction District. The term "construction district" refers to the SBC KANSAS organization responsible for outside plant construction in a specified geographic area. The term "construction district" connotes responsibility for handling a function and not to the official name of the organization responsible for outside plant construction matters.

3.12 Cost/Cost-based. The terms "cost" and "costs" refer to costs determined in a manner consistent with the Pole Attachment Act and applicable rules, regulations, and commission orders. The term "cost-based" refers to rates, fees, and other charges which are based on costs and determined in a manner consistent with the Pole Attachment Act and applicable rules, regulations, and commission orders.

3.13 Duct. The term "duct" refers to all SBC KANSAS ducts subject to the Pole Attachment Act and the provisions of the Telecommunications Act of 1996 codified as 47 U.S.C. §§ 251(b)(4) and 271(c)(2)(B)(iii). In general, a duct is a single enclosed tube, pipe, or channel for enclosing and carrying cables, wires, and other facilities. As used in this Appendix, the term "duct" includes "inner ducts" created by subdividing a duct into smaller channels. Except as the context otherwise requires, the term "duct" refers only to ducts owned or controlled by SBC KANSAS and space within those ducts and does not include cables and other telecommunications equipment located within such ducts.

3.14 Exhibit. The capitalized term "EXHIBIT" refers to one of the following exhibits to this Appendix.

EXHIBIT I:	Pole and Conduit Attachment Rates
EXHIBIT II:	Identification of CLEC
EXHIBIT III:	Administrative Forms and Notices
SW-9433:	Pole Attachments
SW-9434:	Access Application and Make-Ready Authorization Work
SW-9435:	Conduit Occupancy
SW-9436A:	Notification of Surrender or Modification of Pole Attachment License by Licensee
SW-9436B:	Notification of Surrender or Modification of Conduit Occupancy License by CLEC
SW-9436C:	Notification of Unauthorized Attachments by CLEC
EXHIBIT IV:	Insurance Requirements
EXHIBIT V:	Nondisclosure Agreement
EXHIBIT VII:	Notices to SBC KANSAS
EXHIBIT VIII:	Identification of Utility Liaison Supervisor (ULS)

3.15 Facilities. The terms "facility" and "facilities" refer to any property, equipment, or items owned or controlled by any person or entity.

3.16 FCC. The acronym "FCC" refers to the Federal Communications Commission.

3.17 First Interconnection Order. The term "First Interconnection Order" refers to the First Report and Order adopted by the FCC on September 1, 1996, and released on September 8, 1996, in CC Docket No. 96-98, In the Matter of Implementation of the Local Competition Provisions in the Telecommunications Act of 1996 and CC Docket No. 95-185, In the Matter of Interconnection between Local Exchange Carriers and Commercial Mobile Radio Service Providers. Access to poles, ducts, conduits, and rights-of-way is addressed in the First Interconnection Order in Paragraphs 1119-1240.

3.18 Handhole. The term "handhole" refers to a structure similar in function to a manhole, but which is too small for personnel to enter. As used in this Appendix, the term "handhole" refers only to handholes which are part of SBC KANSAS' conduit system and does not refer to handholes which provide access to buried cables not housed within SBC KANSAS ducts or conduits. As used in this Appendix, the term "handhole" refers only to handhole structures owned or controlled by SBC KANSAS and does not include cables and other telecommunications equipment located within handhole structures.

3.19 This Section Intentionally Left Blank.

3.20 Interconnection agreement. The term "interconnection agreement" refers to the interconnection agreement, if any, to which this Appendix has been made an appendix, attachment, or exhibit, or, as the context may require, any other interconnection agreement between the parties.

3.21 Jacket. The term "jacket" refers to a single enclosed outer covering containing communications wires, fibers, or other communications media. As used in this Appendix, the term "jacket" refers to the outermost sheath or jacket of a cable.

3.22 Joint user. The term "joint user" refers to any person or entity which has entered or may enter into an agreement or arrangement with SBC KANSAS permitting it to attach its facilities to SBC KANSAS' poles or anchors or place its facilities in SBC KANSAS conduit system.

3.23 License. The term "license" refers to a written instrument confirming that SBC KANSAS has afforded CLEC or another joint user access to specific space on or within a pole, duct, conduit, or right-of-way owned or controlled by SBC KANSAS in accordance with applicable federal and state laws and regulations. The term "license" includes licenses issued by SBC KANSAS pursuant to this Appendix and may, if the context requires, refer to licenses issued by SBC KANSAS prior to the date of this Appendix.

3.24 Local service provider ("LSP"). The terms "local service provider" and "LSP" refer to telecommunications carriers authorized by applicable federal and state laws and regulations to provide local exchange service. As used in this Appendix, these terms include SBC KANSAS.

3.25 Maintenance duct. The term "maintenance duct" generally refers to a full-sized duct (typically three inches in diameter or larger) which may be used by SBC KANSAS and joint users (including CLEC) on a short-term basis for maintenance, repair, or emergency restoration activities. Maintenance ducts will be available, on a nondiscriminatory basis, to all persons and entities (including SBC KANSAS, CLEC, other local service providers, and other joint users) with facilities in the conduit section in which the maintenance duct is located for (a) short-term emergency repairs as provided in Article 15 of this Appendix and (b) short-term non-emergency maintenance or repair activities as provided in Articles 12 and 13 of this Appendix. No more than one full-sized duct within any given conduit system cross-section shall be designated by SBC KANSAS as the maintenance duct. In those locations where, on the effective date of this Appendix, there is not a full-sized duct available to be used as a maintenance duct, SBC KANSAS will designate an inner duct, if one is available, as the maintenance duct although such inner duct may be too small to accommodate some of the cables occupying the conduit section in which such inner duct is located. The term "maintenance duct" does not include ducts and conduits extending from a SBC KANSAS manhole to customer premises. Maintenance ducts shall not be considered "available" (as defined in Section 3.06) for assignment to SBC KANSAS, CLEC, or joint users for purposes other than short-term use as contemplated in this section; provided, however, that SBC KANSAS may assign the duct currently designated as a maintenance duct if another suitable full-sized duct will be made available to serve as a replacement maintenance duct and may assign an inner duct currently designated as a maintenance duct if another inner duct will be made available to serve as a replacement maintenance duct. Maintenance duct designations may change from time to time and may or may not be reflected in SBC KANSAS outside plant records. When only one usable full-sized duct remains in a conduit section, that duct shall be deemed to be the maintenance duct.

3.26 Make-ready work. The term "make-ready work" refers to all work performed or to be performed to prepare SBC KANSAS poles, ducts, conduits, and rights-of-way and related facilities for the requested occupancy or attachment of CLEC's facilities. Make-ready work does not include the actual installation of CLEC's facilities. "Make-ready work" includes, but is not limited to, clearing obstructions (e.g., by "rodding" ducts to

ensure clear passage), the rearrangement, transfer, replacement, and removal of existing facilities on a pole or in a conduit system where such work is required to accommodate CLEC's facilities (as contrasted from work performed on SBC KANSAS' behalf in furtherance of SBC KANSAS' own business needs, or convenience). "Make-ready work" may require "dig-ups" of existing facilities and may include the repair, enlargement or modification of SBC KANSAS' facilities (including, but not limited to, conduits, ducts, handholes and manholes), consolidating services into fewer cables, or the performance of other work required to make a pole, anchor, duct, conduit, manhole, handhole or right-of-way usable for the initial placement of CLEC's facilities. All splicing and associated wire work related to any make ready request will be completed by the owner of the facilities involved. The cost for performing this work will be paid for by the party requiring the make ready.

3.27 Manhole. The term "manhole" refers to an enclosure, usually below ground level and entered through a hole on the surface covered with a cast iron, cast aluminum, steel, or concrete manhole cover, which personnel may enter and use for the purpose of installing, operating, and maintaining facilities in a conduit. The term "handhole" refers to a structure similar in function to a manhole, but which is usually too small for personnel to enter. As used in this Appendix, the term "manhole" refers only to manhole structures owned or controlled by SBC KANSAS and does not include cables and other telecommunications equipment located within manhole structures.

3.28 Occupancy. The term "occupancy" refers to the physical presence of facilities on a pole, in a conduit or duct, or within a right-of-way.

3.29 Overlashing. The term "overlashing" refers to the practice of placing an additional cable or inner duct by lashing spinning wire over both existing cables and existing strands supporting those cables or inner ducts.

3.30 Person acting on CLEC's behalf. The terms "person acting on CLEC's behalf," "personnel performing work on CLEC's behalf," and similar terms include both natural persons and firms and ventures of every type, including, but not limited to, corporations, partnerships, limited liability companies, sole proprietorships, and joint ventures. The terms "person acting on CLEC's behalf," "personnel performing work on CLEC's behalf," and similar terms specifically include, but are not limited to, CLEC, its officers, directors, employees, agents, representatives, attorneys, contractors, subcontractors, and other persons or entities performing services at the request of or as directed by CLEC and its respective officers, directors, employees, agents, and representatives. An authorized contractor selected by CLEC to perform make-ready work shall be deemed to be a person acting on CLEC's behalf while performing such work at CLEC's request.

3.31 Person acting on SBC KANSAS behalf. The terms "person acting on SBC KANSAS behalf," "personnel performing work on SBC KANSAS' behalf," and similar terms include both natural persons and firms and ventures of every type, including but not limited to corporations, partnerships, limited liability companies, sole proprietorships, and joint ventures. The terms "person acting on SBC KANSAS' behalf," "personnel performing work on SBC KANSAS' behalf," and similar terms specifically include, but are not limited to, SBC KANSAS, its officers, directors, employees, agents, representatives, attorneys, contractors, subcontractors, and other persons or entities performing services at the request or on behalf of SBC KANSAS and its respective officers, directors, employees, agents, and representatives. An authorized contractor selected by SBC KANSAS to perform make-ready work shall be deemed to be a person acting on SBC KANSAS' behalf while performing such work at SBC KANSAS' request.

3.32 Pole. The term "pole" refers to all SBC KANSAS poles subject to the Pole Attachment Act and the provisions of the Telecommunications Act of 1996 codified as 47 U.S.C. §§ 251(b)(4) and 271(c)(2)(B)(iii). Except as the context otherwise requires, the term "pole" refers only to utility poles and anchors which are either owned or controlled by SBC KANSAS and does not include cables and other telecommunications equipment attached to pole structures.

3.33 Pole Attachment. As defined in the Pole Attachment Act, 47 U.S.C. § 224(a)(4), the term "pole attachment" refers to "any attachment by a cable television system or provider of telecommunications service to a pole, duct, conduit, or right-of-way owned or controlled by a utility." In this Appendix, except as the context otherwise requires, the term "pole attachment" refers to any attachment by a cable television system or

provider of telecommunications service to a pole (and associated anchors) owned or controlled by SBC KANSAS. The term "pole attachment" includes all such facilities attached to or supported by a SBC KANSAS pole, including but not limited to cables, risers and U-guards, equipment boxes, drop wires, anchors, bolts, clamps, drive rings, guys, hooks, strands, and other hardware affixed to the pole. Groupings of associated pole attachments for billing purposes shall be consistent with the Pole Attachment Act and applicable rules, regulations, and commission orders. Except as otherwise authorized by applicable FCC rules, regulations, or orders, CLEC's pole attachments occupying the same usable space (or otherwise associated with facilities occupying the same usable space on a pole) shall be treated as a single attachment for billing purposes.

3.34 Pole Attachment Act. The term "Pole Attachment Act" refers to those provisions of the Communications Act of 1934, as amended by the Telecommunications Act of 1996, now codified as 47 U.S.C. § 224, as those provisions may be amended from time to time.

3.35 Pre-license survey. The term "pre-license survey" refers to work and activities performed or to be performed by SBC KANSAS or by persons acting on SBC KANSAS' behalf for the primary purpose of:

(a) confirming or determining the existing availability and capacity of a pole duct, conduit, or right-of-way and identifying capacity, safety, reliability, or engineering concerns, if any, relating to CLEC's application;

(b) confirming or determining the extent, if any, to which modifications to SBC KANSAS' poles, ducts, conduits, or rights-of-way are required to accommodate CLEC's facilities;

(c) confirming or determining what make-ready work, if any, will be required to prepare SBC KANSAS' poles, ducts, conduits, or rights-of-way to accommodate CLEC's facilities; and

(d) estimating the costs, if any, that CLEC will be required to pay for any such make-ready work or facilities modifications.

3.36 Pre-occupancy survey. The term "pre-occupancy survey" refers to work and activities performed or to be performed by CLEC or persons acting on behalf of CLEC for the primary purpose of enabling CLEC to determine:

(a) whether SBC KANSAS' poles, ducts, conduits, or rights-of-way, in their existing condition, are suitable for CLEC's intended use;

(b) the extent, if any, to which modifications of SBC KANSAS' poles, ducts, conduits, or rights-of-way will be proposed by CLEC to expand the capacity of SBC KANSAS' poles, ducts, conduits, or rights-of-way to accommodate CLEC's facilities; and

(c) what make-ready work, if any, is required to prepare the poles, conduits, or conduit system to accommodate CLEC's facilities.

3.37 Primary point of contact. The term "primary point of contact" refers to the persons designated by CLEC and SBC KANSAS, respectively, to coordinate arrangements for CLEC's access to SBC KANSAS' poles, ducts, conduits, and rights-of-way and records relating to such poles, ducts, conduits, and rights-of-way. SBC KANSAS' designated primary point of contact shall be the Utility Liaison Supervisor unless the parties have arranged for that function to be performed by a designated account representative who will serve as an intermediary between CLEC and the Utility Liaison Supervisor.

3.38 Rights-of-way. As used in this Appendix, the term "rights-of-way" refers generally to legal rights to pass over or use the land of another for limited purposes as defined in a statute, ordinance, easement, grant or other conveyance. Rights-of-way include, but are not limited to public rights-of-way authorizing SBC KANSAS to locate facilities on, under, or over public lands and roadways servitudes created by private easements or obtained through the exercise of eminent domain authority enabling SBC KANSAS to pass over, place facilities on, and have rights of ingress and egress to the and of another. Rights-of-way also include easements which, at the time of land development or subdivision, were dedicated for use by public or private utilities and are being occupied, in whole or in part, by SBC KANSAS' facilities.

3.39 Sheath. The term "sheath" refers to an enclosed covering containing communications wires, fibers, or other communications media. A cable may include both inner and outer sheaths.

3.40 Spinning. The term "spinning" refers to a method of attaching a cable or inner-duct to a supporting strand. "Spinning" is sometimes referred to as "lashing."

3.41 State. When capitalized, the term "State" (as used in terms such as "this State") refers to the State of KANSAS.

3.42 State Commission. The term "State Commission" refers to the Kansas Corporation Commission.

3.43 Strand. The term "strand" refers to support wires, typically stranded together, or other devices attached to a pole and connecting that pole to an anchor or to another pole for the purpose of increasing pole stability or supporting wires, cables, and associated facilities. The term "strand" includes, but is not limited to, strands sometimes referred to as "anchor strands," "anchor/guy strands," "down guys," "guy strands," "pole-to-pole guys," and "messengers."

3.44 Telecommunications Act of 1996. The term "Telecommunications Act of 1996" refers to the Telecommunications Act of 1996, Pub. L. No. 104-104, 110 Stat. 56, enacted February 8, 1996.

3.45 Third party. The terms "third party" and "third parties" refer to persons and entities other than the parties to this Appendix (that is, persons and entities other than CLEC and SBC KANSAS).

3.46 Utility Liaison Supervisor ("ULS"). The terms "Utility Liaison Supervisor" and "ULS" refer to the person or persons designated by SBC KANSAS to be responsible for handling and processing requests for access to SBC KANSAS' poles, ducts, conduits, and rights-of-way in this State. The term "ULS" connotes responsibility for handling a function and is not a job title. Except as otherwise specifically provided in this Appendix or in the parties' interconnection agreement, if any, the ULS shall serve as CLEC's single point of contact for arranging access to SBC KANSAS' poles, ducts, conduits, and rights-of-way and access to SBC KANSAS' records relating to SBC KANSAS' poles, ducts, conduits, and rights-of-way. The Utility Liaison Supervisor for this State is identified in EXHIBIT VIII.

3.47 Vault. The term "vault" includes central office vaults and controlled environment vaults ("CEVs"). Vaults may be connected to, but are not considered part of, SBC KANSAS' conduit system. Access, if any, to vaults (and to ducts, conduits, and risers which serve no purpose other than to provide a means of entry to and exit from such vaults) shall be governed by the tariffs, agreements, or commission orders, if any, establishing arrangements for interconnection, collocation, and access to unbundled network elements, and not by this Appendix.

3.48 "Vicinity of… ." When used in terms such as "vicinity of SBC KANSAS' conduit system," "vicinity of SBC KANSAS' poles," "vicinity of SBC KANSAS' rights-of-way," or "vicinity of SBC KANSAS' poles, ducts, conduits, or rights-of-way," the term "vicinity of ..." includes sites on, within, near to, surrounding, or adjoining SBC KANSAS' poles, ducts, conduits, and rights-of-way. These sites include, but are not limited to, all sites within a distance of 10 feet of any SBC KANSAS pole, duct, conduit, or right-of-way.

ARTICLE 4: NATURE AND SCOPE OF AGREEMENT

4.01 Scope of Agreement. This Appendix establishes procedures for grants of non-discriminatory access to SBC KANSAS poles, ducts, conduits, and rights-of-way located within this State, without regard to whether the site is located on public or private property.

4.02 No Transfer of Property Rights. Nothing contained in this Appendix or any license issued hereunder shall create or vest (or be construed as creating or vesting) in either party any right, title, or interest in or to any real or personal property owned by the other. The payment of fees and charges as provided by this Appendix and licenses issued hereunder shall not create or vest (or be construed as creating or vesting) in either party any right, title, or interest in or to any real or personal property owned by the other. No use, however extended, of SBC KANSAS' poles, ducts, conduits, or rights-of-way shall create or vest (or be construed as creating or vesting) in CLEC any right, title, or interest in or to any real or personal property

owned by SBC KANSAS, and the placement of CLEC's facilities on or in SBC KANSAS' poles, ducts, conduits and rights-of-way shall not create or vest in SBC KANSAS any right, title, or interest in such facilities.

4.03 No Effect on SBC KANSAS' Right to Abandon, Convey or Transfer Poles, Ducts, Conduits, or Rights-of-Way. Except as provided in subsections (a)-(b) of this section, nothing contained in this Appendix or any license subject to this Appendix shall in any way affect SBC KANSAS' right to abandon, convey, or transfer to any other person or entity SBC KANSAS' interest in any of SBC KANSAS' poles, ducts, conduits, or rights-of-way.

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

(b) Transfers or conveyances of poles, ducts, conduits, or rights-of-way to any entity controlling, controlled by, or under common control with SBC KANSAS or to any entity which acquires or succeeds to ownership of substantially all of SBC KANSAS' assets shall be subject to CLEC's rights under this Appendix and licenses subject to this Appendix.

4.04 No Effect on SBC KANSAS' Rights to Manage its Facilities. Except to the extent expressly provided by the provisions of this Appendix and subject to the provisions of the Telecommunications Act of 1996 and other applicable laws, rules, and regulations, nothing contained in this Appendix shall be construed as limiting or interfering with SBC KANSAS' rights to:

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

(b) enter into new agreements or arrangements with other persons or entities permitting them to attach or place their facilities on or in SBC KANSAS' poles, ducts, conduits, or rights-of-way,

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

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

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

ARTICLE 5: ACCESS TO RIGHTS-OF-WAY

5.01 Public Rights-of-Way. SBC KANSAS and CLEC agree that neither party has the right to restrict or interfere with the other party's access to public rights-of-way. SBC KANSAS and CLEC shall each be responsible for obtaining their own rights-of-way and permission to use real or personal property owned or controlled by any governmental body, subject to the procedures set forth in Section 5.03 below.

5.02 Private Rights-of-Way Not Owned or Controlled by SBC KANSAS. SBC KANSAS and CLEC agree that neither party has the right to restrict or interfere with the other party's access to private rights-of-way not owned or controlled by SBC KANSAS. Each party shall make its own, independent legal assessment of its right to enter upon or use the land or property of third-party property owners and shall bear all expenses, including legal expenses, involved in making such determinations, subject to the procedures set forth in Section 5.03 below.

5.03 Access to Associated Rights-of-Way. Each pole attachment and conduit occupancy license made under this Appendix shall include access to and use of all associated rights-of-way, including, but not limited to, rights-of-way required by CLEC for ingress, egress, or other access to any sites where SBC KANSAS' solely or partly owned or controlled poles, manholes, conduit, ducts, or other parts of SBC KANSAS' solely or partly owned or controlled conduit system are located, but only to the extent, if any, that SBC KANSAS has the legal authority to grant such access and use. SBC KANSAS also agrees to provide nondiscriminatory access to rights-of-way containing Controlled Environment Vaults (CEVs), huts, cabinets, and other similar structures to the extent that collocation to such facilities is agreed or required by order of any court or governmental agency having jurisdiction over the subject matter. SBC KANSAS agrees that it shall place no restrictions on CLEC's ability to construct, maintain, and monitor its facilities at these sites that are more restrictive than those SBC KANSAS places on itself.

(a) Although SBC KANSAS shall afford access to rights-of-way owned or controlled by it and permit CLEC to utilize SBC KANSAS' rights-of-way to the extent that SBC KANSAS has legal authority to do so, CLEC acknowledges that SBC KANSAS may not own or control certain rights-of-way to the extent necessary to permit CLEC full access to such rights-of-way. The following general principles shall be applied with respect to access to rights-of-way on third-party real estate:

(1) CLEC shall first attempt to obtain right-of-way directly from the property owner.

(2) If SBC KANSAS has legal authority to permit access by CLEC to a right-of-way on third-party property, SBC KANSAS will not restrict CLEC's use of the right-of-way.

(3) If CLEC has the right of eminent domain under state law, CLEC shall independently attempt to obtain the right-of-way it seeks through the exercise of that right.

(b) SBC KANSAS and CLEC agree that dark fiber and unused four-wire copper cable are not considered "poles, conduits, and rights-of-way".

5.04 Access to Rights-of-Way Incident to the Use of CEVs and Similar Structures. SBC KANSAS will provide CLEC nondiscriminatory access, consistent with the requirements of the Pole Attachment Act and Telecommunications Act of 1996, and as provided in Sections 5.03 above, to rights-of-way containing Controlled Environment Vaults (CEVs), huts, cabinets, and other similar structures. SBC KANSAS will place no restrictions on access to such rights-of-way that are more restrictive than those SBC KANSAS places on itself; provided, however, that neither party shall conduct activities on such rights-of-way which interfere with the facilities of the other party, with the privacy of communications carried over the other party's network, or with the other party's access to and use of its own facilities. This section relates only to access to rights-of-way and shall not be construed as granting access to the CEVs, huts, cabinets, and similar structures located on such rights-of-way. Access, if any, to CEVs, huts, cabinets, and similar structures, and to ducts, conduits, and risers which serve no purpose other than to provide a means of entering or exiting such structures, shall be governed by the tariff, agreement, or order, if any, granting CLEC access to such structures.

ARTICLE 6: SPECIFICATIONS

6.01 Compliance with Requirements, Specifications, and Standards. CLEC agrees that CLEC's facilities attached to SBC KANSAS' poles or occupying space in its ducts, conduits, and rights-of-way shall be attached, placed, constructed, maintained, repaired, and removed in full compliance with the requirements, specifications, and standards specified in this Appendix.

6.02 Design to Minimize the Need for Access to SBC KANSAS' Poles, Ducts, and Conduits. The parties shall each design their facilities to minimize the need for the parties to access SBC KANSAS' poles, ducts, and conduits.

6.03 Infrequent Construction Techniques and Connectivity Solutions. Unless precluded by documented engineering criteria or written guidelines SBC KANSAS applied to itself as of January 1, 1996, consistent with considerations of safety, reliability, and or engineering practices, SBC KANSAS agrees to permit CLEC at its own expense to utilize the following techniques to avoid high or unusual expenditures: (a) placement of pole attachments on both the "field" side and "road" side of a pole; (b) placement of extension arms or stand-off brackets on poles; and (c) building conduit branches into SBC KANSAS' conduit systems. CLEC acknowledges that use of the above techniques will be rare, and will be permitted only on a case-by-case basis.

6.04 Published Standards. SBC KANSAS and CLEC agree that the following standards equally apply to either party with respect to facilities attached to or placed in SBC KANSAS' poles, ducts, conduits, and rights-of-way and further agree that facilities shall be placed, constructed, maintained, repaired, and removed in accordance with, current (as of the date when such work is performed) editions of the following publications:

(a) the Blue Book Manual of Construction Procedures, Special Report SR-TAP-001421, published by Bell Communications Research, Inc. ("Bellcore"), and sometimes referred to as the "Blue Book";

(b) the National Electrical Safety Code ("NESC"), published by the Institute of Electrical and Electronic Engineers, Inc. ("IEEE"); and

(c) the National Electrical Code ("NEC"), published by the National Fire Protection Association ("NFPA").

6.05 Additional Electrical Design Specifications: Conduit. The parties agree that, in addition to the specifications and requirements referred to in Sections 6.01-6.04 above, facilities placed in SBC KANSAS' conduit system after the effective date of this Appendix shall meet all of the electrical design specifications set forth in this section.

(a) No facilities shall be placed in SBC KANSAS' conduit system in violation of FCC regulations, including regulations relating to electrical interference. In addition, neither party shall place any facility in SBC KANSAS' conduit system which causes or may cause electrical interference with the facilities of the other party or joint users sufficient to jeopardize network integrity or degrade the quality of any communications services offered by either party or a joint user. If either party is notified by the other party or a joint user that its facilities are causing, or have the potential to cause, unacceptable levels of electrical interference, the party notified shall either correct the problem, remove the facility, or initiate good faith negotiations with the complaining party or joint user to resolve the issue.

(b) Facilities placed in SBC KANSAS' conduit system shall not be designed to use the earth as the sole conductor for any part of the circuits.

(c) Facilities placed in SBC KANSAS' conduit system and carrying more than 50 volts AC (rms) to ground or 135 volts DC to ground shall be enclosed in an effectively grounded sheath or shield.

(d) No coaxial cable shall be placed in SBC KANSAS' conduit system unless such cable meets the voltage limitations of Article 820 of the National Electrical Code.

(e) Coaxial cable placed in SBC KANSAS' conduit system may carry continuous DC voltages up to 1800 volts to ground where the conductor current will not exceed one-half ampere and where such cable has two separate grounded metal sheaths or shields and a suitable insulating jacket over the outer sheath or shield. The power supply shall be so designed and maintained that the total current carried over the outer sheath shall not exceed 200 microamperes under normal conditions. Conditions which would increase the current over this level shall be cleared promptly.

(f) CLEC shall not circumvent the corrosion mitigation measures of SBC KANSAS or joint users.

6.06 Additional Physical Design Specifications: Conduit. Facilities placed in SBC KANSAS' conduit system following the effective date of this Appendix shall meet all of the following physical design specifications:

(a) Except as otherwise specifically agreed in this Appendix or licenses issued hereunder CLEC's facilities shall enter SBC KANSAS' conduit system at locations consistent with the physical design specifications that SBC KANSAS applies to itself (typically through a manhole) or at such other designated locations agreed upon in writing (e.g., through the licensing process) by the parties in accordance with Section 6.03 (infrequent construction techniques and connectivity solutions).

(b) Cables bound or wrapped with cloth or having any kind of fibrous coverings or impregnated with an adhesive material shall not be placed in SBC KANSAS' conduit or ducts.

(c) The integrity of SBC KANSAS' conduit system and overall safety of personnel require that "dielectric cable" be used within SBC KANSAS' conduit system when a cable facility utilizes a duct or route shared in the same trench by any electric transmissions facility such as the facilities of a power utility.

(d) New construction splices in cables (including but not limited to fiber optic and twisted pair cables) shall be located in manholes, pull boxes or handholes.

6.07 Efficient Use of Conduit. To ensure efficient use of conduits, SBC KANSAS will, when cable diameters permit, install inner ducts in multiples that fully utilize duct space (typically three or four inner ducts in a full four-inch duct) as needed for SBC KANSAS' own business purposes and to accommodate CLEC and other joint users; provided, however, that SBC KANSAS shall not be required to install inner duct in anticipation of potential future requests for access by CLEC and other joint users.

6.08 Specifications Applicable to Connections: Conduit. Except as otherwise specifically agreed in this Appendix or licenses issued hereunder, or as mutually agreed upon by the parties in writing, the following specifications apply to connections of CLEC's conduit to SBC KANSAS' conduit system:

(a) CLEC shall not bore, make, or enlarge any hole in, or otherwise structurally modify or alter any manhole, handhole, duct, conduit, or other facility which is part of SBC KANSAS' conduit system except as provided in this Appendix or licenses issued hereunder, or as mutually agreed upon by the parties in writing.

(b) Nothing contained in subsection (a) shall be construed as precluding CLEC or qualified personnel acting on CLEC's behalf from reattaching cable racks or performing similar routine work which is minor in nature and associated with the placing and splicing of cable.

(c) Where CLEC's duct or facility physically connects with SBC KANSAS' manhole the section of CLEC's facility which connects to SBC KANSAS' manhole shall be installed by SBC KANSAS or its contractor at CLEC's expense (which shall be SBC KANSAS' actual costs or the price charged SBC KANSAS by the contractor). SBC KANSAS will perform this work in an interval consistent with the intervals SBC KANSAS performs work for itself. If SBC KANSAS' interval for beginning or completing this work does not meet CLEC's needs, CLEC as an authorized contractor may perform the work itself or use subcontractor(s) selected by CLEC from a list of mutually agreeable qualified "bidders" developed by SBC KANSAS and CLEC.

(d) SBC KANSAS will have the option to monitor the entrance and exit of CLEC's facilities into SBC KANSAS' conduit system and the physical placement of CLEC's facilities in SBC KANSAS' conduit system. Notice requirements for, and expenses associated with, this monitoring are addressed in Section 6.11 of this Appendix.

(e) If CLEC constructs or utilizes a duct connected to SBC KANSAS' conduit system, the duct and all connections between that duct and SBC KANSAS' conduit system shall be sealed to prevent the entry of gases or liquids into SBC KANSAS' conduit system. If CLEC's duct enters a building, it shall also be sealed where it enters the building and at all other locations necessary to prevent the entry of gases and liquids from the building into SBC KANSAS' conduit system.

6.09 General Requirements Relating to Personnel, Equipment, Materials, and Public Safety. The parties contemplate that CLEC, its contractors, and other persons acting on its behalf will perform work for CLEC on, within, and in the vicinity of SBC KANSAS' poles, ducts, conduits, and rights-of-way. The provisions of this section are intended to protect the integrity of the networks, facilities and operations of SBC KANSAS, CLEC and joint users, to protect the health and safety of persons working on, within, or in the vicinity of SBC KANSAS' poles, ducts, conduits, and rights-of-way, and to protect the public at large.

(a) Neither party nor any person acting on such party's behalf shall permit any person to climb on or work on SBC KANSAS' poles or in the vicinity of SBC KANSAS' poles, or enter SBC KANSAS' manholes or work within or in the vicinity of SBC KANSAS' conduit system, unless such person has the training, skill, and experience required to recognize potentially dangerous conditions relating to the pole or conduit system and to perform the work safely.

(b) Neither party nor any person acting on such party's behalf shall permit any person acting on its behalf to perform any work on, within, or in the vicinity of SBC KANSAS' poles, ducts, conduits, or rights-of-way without first verifying, to the extent practicable, on each date when such work is to be performed, that conditions at the work site (including but not limited to the physical condition of the pole or any part of SBC KANSAS' conduit system) are sufficiently safe for the work to be performed. If CLEC or any person acting on CLEC's behalf determines that the condition of the pole, duct, conduit, conduit system, or rights-of-way is not safe enough for the work to be performed, CLEC shall notify SBC KANSAS of the condition of the pole or conduit system in question and shall not proceed with the work until CLEC is satisfied that the work can be safely performed.

(c) Neither party nor any person acting on such party's behalf shall knowingly permit defective equipment or materials to be used on, within, or in the vicinity of SBC KANSAS' poles, ducts, conduits, or rights-of-way.

(d) When CLEC or personnel performing work on its behalf are working on, within, or in the vicinity of SBC KANSAS' poles, ducts, conduits, or rights-of-way located within, under, over, adjacent to, or in the vicinity of streets, highways, alleys or other traveled rights-of-way, CLEC and all personnel performing work on CLEC's behalf shall follow procedures which CLEC deems appropriate for the protection of persons and property. CLEC and its contractors shall be responsible, at all times, for determining and implementing the specific steps required to protect persons and property at the site. CLEC or its designated contractor will provide all traffic control and warning devices required to protect pedestrian and vehicular traffic, workers, and property from danger. CLEC and its contractors shall have sole responsibility for the safety of all personnel performing work on CLEC's behalf, for the safety of bystanders, and for insuring that all operations conform to current OSHA regulations and all other governmental rules, ordinances or statutes.

(e) Neither party nor any persons acting on such party's behalf shall engage in any conduct which damages public or private property in the vicinity of SBC KANSAS' poles, ducts, conduits, or rights-of-way or creates a hazard or nuisance on such property (including but not limited to a hazard or nuisance resulting from any abandonment of or failure to remove its facilities or any construction debris from the property, failure to erect warning signs or barricades as may be necessary to give notice to others of unsafe conditions on the premises while work performed on its behalf is in progress, or failure to restore the property to a safe condition after such work has been completed).

(f) CLEC shall promptly suspend activities on, within, or in the vicinity of SBC KANSAS' poles, ducts, or conduits, if notified by SBC KANSAS that such activities create an unreasonable risk of injury to persons or property (including unreasonable risks of service interruptions). CLEC shall not resume such activities on or in the vicinity of CLEC's poles until CLEC is satisfied that the work may safely proceed and that any hazardous conditions at the site have been rectified and shall not resume such activities within or in the vicinity of SBC KANSAS' conduit system until both CLEC and SBC KANSAS are satisfied that the work may safely proceed and that any hazardous conditions at the site have been rectified. In the event that SBC KANSAS requires CLEC to suspend work activities and it is later determined that the there was no reasonable basis for the work suspension, SBC KANSAS agrees to compensate CLEC for the cost resulting from the delay.

(g) All personnel acting on CLEC's behalf shall, while working on or in SBC KANSAS' poles, ducts, conduits, or rights-of-way, carry with them suitable identification and shall, upon the request of any SBC KANSAS employee or representative, produce such identification.

(h) CLEC (and any person acting on CLEC's behalf) may report unsafe conditions on, within, or in the vicinity of SBC KANSAS' poles or conduit system to SBC KANSAS.

6.10 Specific Requirements Relating to Personnel, Equipment, Materials, and Construction Practices Within or in the Vicinity of SBC KANSAS' Conduit Systems. When SBC KANSAS or CLEC, their contractors, and other persons acting on their behalf perform work on, within, or in the vicinity of SBC KANSAS' ducts, conduits, and rights-of-way where such ducts or conduits are located, they will be guided by the following:

(a) Except as may be mutually agreed upon by the parties in writing, CLEC shall not "rod" or clear any duct or inner duct in SBC KANSAS' conduit system other than a duct or inner duct assigned to CLEC. Following the assignment of a specific duct or inner duct to CLEC, CLEC may request that SBC KANSAS rod or clear the duct or inner duct. If the duct or inner duct cannot be cleared, SBC KANSAS shall assign to CLEC the next available duct or inner duct. CLEC's request for assignment of the next available duct shall be in writing, may be transmitted to SBC KANSAS via fax or other transmission media mutually agreed upon by the parties, and shall be processed within the same intervals applicable to the processing of similar requests by SBC KANSAS' own personnel.

(b) Personnel performing work within SBC KANSAS' conduit system on either party's behalf shall not climb on, step on, or otherwise disturb the cables, air pipes, equipment, or other facilities located in any manhole or other part of SBC KANSAS' conduit system.

(c) Personnel performing work within or in the vicinity of SBC KANSAS' conduit system (including any manhole) on either party's behalf shall, upon completing their work, make reasonable efforts to remove all tools, unused materials, wire clippings, cable sheathing and other materials brought by them to the work site.

(d) All of CLEC's facilities shall be firmly secured and supported in accordance with Bellcore and industry standards and any applicable construction standards adopted by SBC KANSAS and applicable to SBC KANSAS' own facilities.

(e) CLEC's facilities shall be plainly identified with CLEC's name in each manhole with a firmly affixed permanent tag that meets the identification standards set by SBC KANSAS for its own facilities.

(f) Manhole pumping and purging required in order to allow work operations to proceed shall be performed in accordance with the requirements of Sections 6.14 and 6.15.

(g) Planks or other types of platforms shall be supported only by cable racks.

(h) Any leak detection liquid or device used by CLEC or personnel performing work on CLEC's behalf within or in the vicinity of SBC KANSAS' conduit system shall be of a type approved by SBC KANSAS and included on SBC KANSAS' then-current list of approved types of leak-detection liquids and devices; provided, however, that CLEC may use any type of leak detection liquid or device which meets Bellcore's published standards if SBC KANSAS has not provided CLEC SBC KANSAS' list of approved types of leak detection liquids or devices at least 60 days in advance of CLEC's work.

(i) CLEC and its contractors shall be responsible for providing proper ventilation while work is being performed in SBC KANSAS' conduit system on CLEC's behalf. Except for protective screens, no temporary cover shall be placed over an open manhole unless it is at least four feet above the surface level of the manhole opening.

(j) Smoking or the use of any open flame is prohibited in manholes, in any other portion of the conduit system, or within 10 feet of any open manhole entrance.

(k) Artificial lighting, when required by CLEC, will be provided by CLEC. Only explosion-proof lighting fixtures shall be used.

(l) Neither SBC KANSAS nor CLEC nor personnel performing work on its behalf shall allow any combustible gas, vapor, liquid, or material to accumulate in SBC KANSAS' conduit system (including any manhole) during work operations performed within or in the vicinity of SBC KANSAS' conduit system.

(m) All parties shall abide by any laws, regulations, and ordinances regarding the use of spark producing tools, equipment, or devices (including but not limited to such tools as electric drills and hammers, meggers, breakdown sets, induction sets, and the like) in manholes or in any other portions of the conduit system.

(n) Cable lubricants used in conduit systems shall be of a type or types approved by SBC KANSAS and included on SBC KANSAS' then-current list of approved types of cable lubricants; provided, however, that CLEC may use any type of cable lubricant which meets Bellcore's published standards if SBC KANSAS has not provided CLEC SBC KANSAS' list of approved types of cable lubricants at least 60 days in advance of CLEC's work.

6.11 Opening of Manholes and Access to Conduit. The following requirements apply to the opening of SBC KANSAS' manholes and access to SBC KANSAS' conduit system.

(a) CLEC will notify SBC KANSAS not less than 5 business days in advance before entering SBC KANSAS' conduit system to perform non-emergency work operations. Such operations shall be conducted during normal business hours except as otherwise agreed by the parties. The notice shall state the general nature of the work to be performed. As a courtesy, CLEC shall, when feasible, provide SBC KANSAS with 10 working days advance notice before entering SBC KANSAS' conduit system.

(b) The parties contemplate that CLEC may need to perform operations in SBC KANSAS' conduit system other than during normal business hours and may occasionally require access to manholes on shorter notice than contemplated in subsection (a) above. Under these circumstances, CLEC shall notify SBC KANSAS as soon as is reasonably possible of its intent to enter and perform work in the conduit system and SBC KANSAS shall not, without due cause and justification, insist on literal compliance with the scheduling requirements of subsection (a) in such circumstances. SBC KANSAS will establish procedures enabling SBC KANSAS to receive notices from CLEC under this subsection 24 hours a day, seven days a week.

(c) Each party must obtain any necessary authorization from appropriate authorities to open manholes for such party's own conduit work and operations therein.

(d) A single authorized employee or representative of SBC KANSAS may be present any time when CLEC or personnel acting on CLEC's behalf enter or perform work within SBC KANSAS' conduit system. CLEC shall reimburse SBC KANSAS for costs associated with the presence of SBC KANSAS' authorized employee or representative. Each party must obtain any necessary authorization from appropriate authorities to open manholes.

6.12 OSHA Compliance. Each party agrees:

(a) its facilities attached to SBC KANSAS' poles or placed in SBC KANSAS' ducts, conduits, and rights-of-way shall be constructed, placed, maintained, repaired, and removed in accordance with the Occupational Safety and Health Act (OSHA) and all rules and regulations promulgated thereunder and

(b) all persons shall, when working on, within, or in the vicinity of SBC KANSAS' poles or conduit system, comply with OSHA and all rules and regulations thereunder.

6.13 Environmental Contaminants in SBC KANSAS' Conduit System. CLEC acknowledges that, from time to time, environmental contaminants may enter SBC KANSAS' conduit system and accumulate in manholes or other conduit facilities.

(a) CLEC may, at its expense, perform such inspections and tests at the site of any pole, duct, conduit, or right-of-way occupied by or assigned to CLEC as CLEC may deem necessary to determine the presence at such sites of environmental contaminants. SBC KANSAS will assist CLEC, at CLEC's request and expense, in the performance of such inspections and tests.

(b) SBC KANSAS makes no representations to CLEC or personnel performing work on CLEC's behalf that SBC KANSAS' poles, ducts, conduits, or rights-of-way will be free from environmental contaminants at any particular time. Before entering a manhole or performing any work within or in the vicinity of SBC KANSAS' conduit system or any other site subject to access under this Appendix, CLEC or personnel acting on CLEC's behalf shall independently determine, to their satisfaction, whether such contaminants are present and conduct their work operations accordingly.

(c) Each party shall promptly notify the other of environmental contaminants known by such party to be present on, within or in the vicinity of poles, ducts, conduits, or rights-of-way occupied by or assigned to CLEC if, in the sole judgment of such party, such environmental contaminants create a serious danger to (1) the health or safety of personnel working within or in the vicinity of the conduit or (2) the physical condition of the other party's facilities placed or to be placed within the conduit.

(d) Nothing contained in this Appendix (including but not limited to the acknowledgments and representations set forth in this section) shall relieve either party from its responsibility to comply with all applicable environmental laws or its responsibility for any liability arising out of such party's failure to comply with such laws.

6.14 Compliance with Environmental Laws and Regulations. CLEC and SBC KANSAS agree to comply with the following provisions relating to compliance with environmental laws and regulations.

(a) All persons acting on CLEC's or SBC KANSAS' behalf, including but not limited to CLEC's or SBC KANSAS' employees, agents, contractors, and subcontractors, shall, when working on, within or in the vicinity of SBC KANSAS' poles, ducts, conduits, or rights-of-way, comply with all applicable federal, state, and local environmental laws, including but not limited to all environmental statutes, ordinances, rules, and regulations.

6.15 Compliance with Other Governmental Requirements (Including Aeronautical Navigation Safeguards). CLEC and SBC KANSAS agree that their facilities attached to SBC KANSAS' poles or placed in SBC KANSAS' ducts, conduits, and rights-of-way shall be constructed, placed, maintained, repaired, and removed in accordance with the ordinances, rules, and regulations of any governing body having jurisdiction of the subject matter (including but not limited to any valid ordinances, rules, and regulations requiring permits, certificates, licenses or the like). CLEC and SBC KANSAS shall comply with all statutes, ordinances, rules, regulations, and other laws requiring the marking and lighting of aerial wires, cables, and other structures to ensure that such wires, cables, and structures are not a hazard to aeronautical navigation.

6.16 Responsibility for Condition of Facilities. Each party will be responsible at all times for the condition of its facilities (including but not limited to those extending from SBC KANSAS' poles, ducts, conduits, or rights-of-way directly to any other location) and for its compliance with the requirements and specifications of this article and all applicable laws, rules, regulations, and ordinances.

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

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

7.02 Determinations by CLEC of Suitability and Availability. CLEC shall make its own, independent assessment of the suitability of SBC KANSAS' poles, ducts, conduits, and rights-of-way for CLEC's intended purposes.

7.03 Access to Records Relating to SBC KANSAS' Poles, Ducts, Conduits, and Rights-of-Way. This section establishes procedures through which certain records and information relating to SBC KANSAS' poles, ducts, conduits, and rights-of-way will be made available to CLEC. Access to such records and information shall be conditioned on CLEC's execution of a nondisclosure agreement equivalent in substance to the Nondisclosure Agreement (SBC KANSAS Pole, Duct, Conduit, and Rights-of-Way) attached to this Appendix as Exhibit V or such other nondisclosure agreement as shall be mutually acceptable to the parties, and no person acting on CLEC's behalf shall be granted access to such records and information without first

signing such a nondisclosure agreement. CLEC shall reimburse SBC KANSAS for all reasonable costs incurred by SBC KANSAS in granting CLEC's requests for access to records and information under this section.

(a) CLEC shall, after the effective date of this Appendix, have reasonable access to SBC KANSAS' pole and conduit maps and records. CLEC shall be permitted to examine these records during regular business hours at a location where copies of such records are maintained or at such other location as may be mutually agreed upon by the parties. Access to such maps and records shall be by appointment only, and SBC KANSAS shall make such maps and records available for inspection by CLEC on two business days notice.

(b) The access described in subsection (a) shall include the right to make copies, at CLEC's expense. In all instances, such access shall include the ability to take notes and make drawings with references to those maps and records. No references to cable counts or circuit information may be included in any such copies, notes, or drawings. With respect to customer-specific information, CLEC copies, notes, or drawings may include only such information as needed for bona fide engineering and construction purposes. CLEC's copies, notes, and drawings may include estimates regarding the physical characteristics (such as size and weight) of cables when necessary to make engineering determinations regarding the capacity, safety, reliability, or suitability of SBC KANSAS' poles, ducts, conduits, and rights-of-way for CLEC's intended uses.

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

(1) the exact location of the facilities depicted;

(2) the physical size, characteristics, or condition of the facilities depicted;

(3) the ducts or inner ducts presently occupied, assigned, or available within any particular conduit segment or manhole;

(4) the arrangement of facilities attached to a pole, the position of facilities suspended between poles or their relationship to each other and to the ground, or the positioning of cables and other facilities housed within ducts, conduits, manholes or other portions of SBC KANSAS' conduit system; and

(5) other information which must be assessed before it can be determined that space is available on or in a pole, duct, or conduit for the attachment or occupancy of CLEC's facilities or that the pole, duct, or conduit depicted is suitable for CLEC's intended use.

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

(a) After the effective date of this Agreement, SBC KANSAS shall permit CLEC to view specified poles, ducts, conduits, and rights-of-way on a pre-occupancy basis. Nothing contained in this section shall preclude CLEC from visually inspecting SBC KANSAS' poles, ducts, conduits, or rights-of-way from any vantage point lawfully accessible to CLEC without SBC KANSAS' permission.

(b) CLEC shall not enter any SBC KANSAS manhole for the purpose of performing a pre-occupancy inspection without complying with all applicable requirements set forth in Article 6 of this Appendix, including but not limited to the provisions of Section 6.11 relating to the opening of manholes.

ARTICLE 8: POLE, DUCT, AND CONDUIT SPACE ASSIGNMENTS

8.01 Selection of Space. SBC KANSAS will select or approve CLEC's selection of the space CLEC will occupy on poles or in conduit systems based upon the same criteria SBC KANSAS applies to itself as referenced in Article 6. In conduit systems owned or controlled by SBC KANSAS, maintenance ducts (as defined in Section 3.25) shall not be considered available for CLEC's use except as specifically provided elsewhere in this Appendix. All ducts associated with the conduit system which are not assigned or occupied shall be

deemed available for use by SBC KANSAS, CLEC, and third parties entitled to access under the Pole Attachment Act.

8.02 Pole, Duct, and Conduit Space Assignments. Poles, duct and conduit system will be assigned to CLEC as provided in this section. Information received by SBC KANSAS in connection with this section shall be subject to the provisions of Article 27 of this Appendix (Confidentiality of Information).

(a) On receipt of CLEC's application for a pole attachment or conduit occupancy license the associated pole, duct, and conduit space shall be assigned to CLEC for a pre-occupancy period not to exceed 12 months, beginning with the date of such assignment. The assignment (and date and time) of assignment shall be logged and recorded in the appropriate SBC KANSAS records.

(b) Intentionally Left Blank

(c) CLEC's obligation to pay semi-annual pole attachment or conduit occupancy fees shall commence from the date the assignment or provisional assignment is logged and recorded in the appropriate SBC KANSAS records.

(d) During the 12-month assignment period following the date space is assigned to CLEC and entered into the appropriate SBC KANSAS record, SBC KANSAS shall not occupy or use such space without CLEC's permission, shall not assign such space to any party other than CLEC, and shall not knowingly permit any party other than CLEC to occupy or use such space without CLEC's permission except as otherwise specifically provided in this Appendix. The assignment to CLEC shall automatically lapse 12 months after the date the assignment has been entered into the appropriate SBC KANSAS record if CLEC has not occupied such assigned space within such 12-month period; provided, however, that if CLEC's failure to occupy the space within such 12-month period results from SBC KANSAS' failure to perform make-ready work on schedule, the parties shall negotiate a single extension of the assignment period, which extension shall not extend the assignment period beyond three months from the date of completion of SBC KANSAS' make-ready work; and, provided further, that if CLEC can demonstrate that its failure to occupy the space within such 12-month period results from the actions of SBC KANSAS or third parties other than persons acting on CLEC's behalf, or from acts of God, the assignment may be extended for a period no longer than three months from the date CLEC is first able to commence construction activities at the site involved. Assignments to third parties shall be subject to the same rules applicable to CLEC under this subsection. Extensions permitted under this subsection must be requested in writing before expiration of the original 12-month period and shall be recorded on the appropriate SBC KANSAS records available for inspection under Section 7.03.

(e) SBC KANSAS may assign space to itself by making appropriate entries in the same records used to log assignments to CLEC and third parties. If SBC KANSAS assigns pole, duct, or conduit space to itself, such assignment shall automatically lapse 12 months after the date the assignment has been entered into the appropriate SBC KANSAS record if SBC KANSAS has not occupied such assigned space within such 12-month period; provided, however, that if SBC KANSAS' failure to occupy the space within such 12-month period results from the actions of CLEC or third parties other than persons acting on SBC KANSAS' behalf, or from acts of God, SBC KANSAS' assignment may be extended for a period no longer than three months from the date SBC KANSAS is able to commence construction at the site involved. Extensions permitted under this subsection must be recorded before expiration of the original 12-month period on the appropriate SBC KANSAS records available for inspection under Section 7.03.

(f) If facilities modifications, capacity expansions, or other make-ready work are required due to the assignment of space to CLEC or SBC KANSAS under this section, the party to whom such space has been assigned shall reimburse the person or entity incurring the costs for such facilities modifications, capacity expansions, or make-ready work, if the party to whom such space has been assigned fails to occupy the assigned space within the 12-month assignment period or any extension thereof.

(g) Except as provided in subsections (e)-(f) above, assignments shall not be extended, renewed, or sequentially repeated in any manner (other than by actual occupancy) that enables CLEC, SBC

KANSAS, or any joint user to preclude access by others to unused pole attachment or conduit occupancy space for any period greater than 12 months after the date of initial assignment.

ARTICLE 9: APPLICATIONS AND PRE-LICENSE SURVEYS

9.01 Licenses Required. CLEC shall apply in writing for and receive a license before attaching facilities to specified SBC KANSAS poles or placing facilities within specified SBC KANSAS ducts or conduits manholes, or handholes. License applications and information received by SBC KANSAS in connection with such applications shall be subject to the provisions of Article 27 of this Appendix (Confidentiality of Information).

9.02 Application Form. To apply for a pole attachment or conduit occupancy license under this Appendix, CLEC shall submit to SBC KANSAS two signed copies of the appropriate application forms. SBC KANSAS represents that the forms specified in subsections (a) and (b) are forms in use prior to the effective date of this Appendix and that SBC KANSAS plans to revise such forms to conform to the provisions of this Appendix and to streamline the application process. The parties therefore agree that the forms specified in subsections (a) and (b) shall be interim forms only. SBC KANSAS reserves the right to change the format and content of these forms upon 60 days written notice to CLEC.

(a) To apply for a pole attachment license, CLEC shall submit to SBC KANSAS two signed copies of SBC KANSAS' Form SW-9434 ("Access Application and Make-Ready Authorization") together with completed Form SW-9433. An application for a pole attachment license shall not be complete or subject to processing by SBC KANSAS until these forms have been submitted to SBC KANSAS; provided, however, that such forms shall be deemed to be substantially complete if they contain the information specified in subsections (c)-(g) below, as applicable. Copies of Forms SW-9433 and SW-9434, are attached to this Appendix as parts of Exhibit III.

(b) To apply for a conduit occupancy license, CLEC shall submit to SBC KANSAS two signed copies of SBC KANSAS Form SW-9434 ("Access Application and Make-Ready Authorization") together with completed Form SW-9435 ("Conduit Occupancy"). An application for a conduit occupancy license shall not be complete or subject to processing by SBC KANSAS until these forms have been submitted to SBC KANSAS; provided, however, that such forms shall be deemed to be substantially complete if they contain the information specified in subsections (c)-(g) below, as applicable. Copies of Forms SW-9434 and SW-9435, are attached to this Appendix as parts of Exhibit III.

(c) Each application for a license under this Appendix shall include the following information, at a minimum:

(1) the poles, ducts, and conduits (including all manholes) along CLEC's proposed route to or within which CLEC desires to attach or place its facilities, as well as associated maps and manhole detailed butterfly drawings;

(2) a description of the facilities to be attached to SBC KANSAS' poles and a description of the facilities to be placed within each component of SBC KANSAS' conduit system (including but not limited to ducts, conduits, manholes, and handholes) along the proposed route; and

(3) for poles, the proposed points of attachment.

(d) Facilities descriptions which apply to multiple pole attachments or conduit occupancies need only be described once on any form. Facilities descriptions shall include, at a minimum, the following information:

(1) the number and types of cables, including the physical size (diameter) and weight (weight per foot);

(2) the number and types of strands, if any, which will be used to support the cables, including the rated holding capacity expressed in thousand pound increments (e.g., 2.2M) of such strands; and,

(3) sufficient information to identify and describe the physical characteristics (size, dimensions, and weight) of permitted apparatus enclosures and other facilities to be attached to SBC KANSAS' poles or placed in SBC KANSAS' conduit system.

(e) When it appears to CLEC that facilities modification, capacity expansion, or make-ready work, may be required to accommodate CLEC's access requests, CLEC shall describe the facilities modification,

capacity expansion or make-ready work which CLEC proposes. CLEC shall also describe its intent to use any infrequent construction techniques or connectivity solutions under Section 6.03 to avoid high or unusual expenditures and its reasons for the utilization of such techniques or solutions.

(f) CLEC acknowledges that the poles along a particular pole line or route may include poles owned by firms (such as electric utilities) other than SBC KANSAS, that it may be necessary for SBC KANSAS to rearrange its facilities or perform other make-ready work on poles other than poles it owns or controls in order to accommodate CLEC's request for access to SBC KANSAS' poles and that, at the time an application is submitted, it may be difficult for CLEC to determine with certainty whether a particular pole is owned or controlled by SBC KANSAS or by another entity. Accordingly, the application shall, to the extent feasible, identify all poles utilized by SBC KANSAS(without regard to ownership) along the proposed route.

(g) Each application for a license under this Appendix shall be accompanied by a construction schedule showing CLEC's projected dates for beginning and completing construction at the sites specified in the application. Information on this schedule may be used by SBC KANSAS' engineering and outside plant construction personnel in scheduling work required to process CLEC's applications and scheduling such capacity expansions, make-ready work, and facilities modifications, if any, as may be necessary to accommodate CLEC's facilities.

9.03 Cooperation in the Application Process. The orderly processing of applications submitted by CLEC and other parties seeking access to SBC KANSAS' poles, ducts, conduits, and rights-of-way requires good faith cooperation and coordination between SBC KANSAS' personnel and personnel acting on behalf of CLEC and other firms seeking access. The parties therefore agree to the following transitional procedures which shall remain in effect during the term of this Appendix unless earlier modified by mutual agreement of the parties.

(a) Before submitting a formal written application for access to SBC KANSAS' poles, ducts, conduits, and rights-of-way, CLEC shall make a good faith determination that it actually plans to attach facilities to or place facilities within the poles, ducts, conduits, or rights-of-way specified in the application. Applications shall not be submitted for the purpose of holding or reserving space which CLEC does not plan to use or for the purpose of precluding SBC KANSAS or any other provider of telecommunications services from using such poles, ducts, conduits, or rights-of-way.

(b) CLEC shall only submit applications for access to poles, ducts, conduits, and rights-of-way which it plans to use within one year following the date access is granted and will use its best efforts to submit applications in an orderly manner in accordance with CLEC's needs. If CLEC contemplates the need to submit more than 10 applications within any 45-day period with respect to poles, ducts, conduits, and rights-of-way within the territory of any single SBC KANSAS construction district, CLEC shall give SBC KANSAS 30 days notice with a priority list as noted in 9.04.

(c) No more than 300 poles (and their associated anchors and anchor/guy strands) shall be the subject of any single pole attachment license application.

(d) No more than 20 manholes shall be the subject of any single conduit occupancy license application.

9.04 CLEC's Priorities. When CLEC has multiple applications on file within a single SBC KANSAS construction district, CLEC shall, at SBC KANSAS' request, designate its desired priority of completion of pre-license surveys, capacity expansions, make-ready work, and facilities modifications with respect to all such applications.

9.05 Pre-license Survey. A pre-license survey (including a review of records and field inspection, if necessary) will be completed by SBC KANSAS after CLEC has submitted its written license application as specified in Section 9.02 of this Appendix. SBC KANSAS will not, without due cause and justification, repeat pre-occupancy survey work performed by CLEC.

(a) The field inspection portion of the pre-license survey, which includes the visual inspection of existing pole and conduit facilities, shall be performed by SBC KANSAS or its authorized representative. Primary purposes of the field inspection will be to enable SBC KANSAS to (1) confirm or determine the

facilities modification, capacity expansion, and make-ready work, if any, necessary to accommodate CLEC's facilities; (2) plan and engineer the facilities modification, capacity expansion, and make-ready work, if any, required to prepare SBC KANSAS' poles, ducts, conduits, rights-of-way, and associated facilities for CLEC's proposed attachments or occupancy; and (3) estimate the costs associated with such facilities modification, capacity expansion, or make-ready work.

(b) The administrative processing portion of the pre-license survey (which includes processing the application and reviewing records) will be performed by SBC KANSAS.

(c) Before performing any portion of the pre-license survey, SBC KANSAS shall obtain CLEC's written authorization to perform such work. Authorization may be given, when possible, when the application is submitted.

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

10.01 Response Within 45 Days. Within 45 days of CLEC's submission of a license application pursuant to Section 9.02 of this Appendix, or within such other period of time as may be mutually agreed upon in writing by the parties, SBC KANSAS shall respond to the application. The response shall state whether the application is being granted or denied. If denial is anticipated, or if SBC KANSAS personnel involved in the processing of CLEC's request for access become aware of hazardous substances at the site requested by CLEC, SBC KANSAS shall promptly advise CLEC and shall, at CLEC's request, discuss alternatives to denial and issues associated with the presence of such hazardous substances.

(a) If access is granted, SBC KANSAS shall, no later than 45 days after CLEC's submission of the license application, further advise CLEC in writing (1) what facilities modifications, capacity expansions, or make-ready work, if any, will be required to prepare SBC KANSAS' pole or conduit facilities (2) provide CLEC an estimate of charges for such facilities modifications, capacity expansions, or make-ready work, (3) disclose to CLEC any hazardous substances known by SBC KANSAS to be present at the site.

(b) If access is denied, SBC KANSAS will confirm the denial in writing by the 45th day after the receipt by SBC KANSAS of CLEC's completed application. The denial of access shall be specific, shall include all relevant evidence and information supporting the denial, and shall explain how such evidence and information relates to a denial of access for reasons of lack of capacity, safety, reliability, or generally applicable engineering purposes. If CLEC in its completed application sets forth in writing specific proposals for expanding capacity, the denial statement shall specifically address such proposals.

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

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

(a) SBC KANSAS agrees to modify its outside plant facilities to the extent that CLEC agrees to pay for the modification at cost, such as but not limited to cable consolidations, as long as such modifications are consistent with capacity, safety, reliability, and engineering considerations which SBC KANSAS would apply to SBC KANSAS if the work were performed for its own benefit. SBC KANSAS may recover from

CLEC the costs of modifying its outside plant facilities for CLEC's space. SBC KANSAS will require payment of the full amount in advance subject to the true-up of the estimated costs with the actual costs.

(b) SBC KANSAS agrees to install inner duct in a timely manner to accommodate CLEC's space needs in accordance with the same time interval SBC KANSAS provides to itself. If SBC KANSAS' interval for beginning or completing make-ready work does not meet CLEC's needs, CLEC, as a qualified contractor, may perform the inner-duct installation itself or utilize authorized subcontractor(s) selected by CLEC from a list of mutually agreeable qualified "bidders" developed by SBC KANSAS and CLEC. When inner duct is installed by CLEC or an authorized contractor in SBC KANSAS' conduit system, CLEC shall bear all installation expenses. Inner duct installed by CLEC or an authorized contractor shall be installed in accordance with the same standards and practices which would be followed if the inner duct were being installed by SBC KANSAS or SBC KANSAS' contractors. CLEC will indemnify SBC KANSAS for damages, resulting from CLEC's self-provisioning of the inner-duct.

(c) SBC KANSAS agrees to remove cables at CLEC's expense that are retired or inactive (dead) to free-up requested duct and pole space, provided that such removal is reasonably feasible (i.e. cable pulls easily without incident). If a section of cable is "frozen" in a duct and would require excavation to remove, CLEC, at its option, may excavate the obstruction or request that SBC KANSAS excavate the obstruction. The excavation would be at CLEC's expense.

10.04 Performance of Make-ready Work. Except as otherwise specifically provided in Section 10.02 and in this section, make-ready work shall be performed by SBC KANSAS or by authorized contractors or other persons acting on SBC KANSAS' behalf and shall be performed by SBC KANSAS in accordance with the same time intervals which would be applicable if SBC KANSAS were performing the work for itself.

(a) CLEC and SBC KANSAS will mutually establish and maintain a list of authorized contractors who may be selected by CLEC to perform make-ready work when SBC KANSAS' interval for beginning or completing such make ready work does not meet CLEC's needs.

(b) If SBC KANSAS' interval for beginning or completing make-ready work does not meet CLEC's needs, CLEC may, as an authorized contractor, perform the make-ready work itself or arrange for the work to be performed by an authorized contractor selected by CLEC from the applicable list of authorized contractors. Subject to the availability of personnel, CLEC may also request that SBC KANSAS perform the work on an expedited basis; provided, however, that make-ready work will not be performed on an expedited basis unless CLEC first approves any overtime or premium rates or charges associated with performance of the work on an expedited basis.

(c) From time to time, additional contractors or other vendors may be approved by CLEC and SBC KANSAS to perform make-ready work in the event that the workload exceeds the capacity of the authorized contractors on the approved list to perform the make-ready work in a timely manner.

(d) Nothing contained in this section authorizes CLEC, any authorized contractor selected by CLEC, or any other person acting on CLEC's behalf to consolidate SBC KANSAS' cables, remove slack, or perform any splicing (wire work) on SBC KANSAS' cables.

10.05 Make-ready Work. If SBC KANSAS determines that make-ready work will be necessary to accommodate CLEC's facilities, SBC KANSAS shall promptly notify CLEC of the make-ready work proposed to enable the accommodation of CLEC's facilities.

(a) The notice shall be given in writing no later than 45 days after the receipt by SBC KANSAS of CLEC's completed application pursuant to Section 9.02 of this Appendix or within such other period of time as may be mutually agreed upon in writing by the parties.

(b) The notice will include SBC KANSAS' estimate of make-ready charges, which estimate shall be stated on SBC KANSAS Form SW-9434 ("Access Application and Make-Ready Authorization"), a copy of which is attached hereto as part of EXHIBIT III.

(c) CLEC shall have 20 days (the "acceptance period") after receiving SBC KANSAS' estimate of make-ready charges to authorize completion of the make-ready work proposed by SBC KANSAS or to advise

SBC KANSAS of its willingness to perform the proposed make-ready work itself. If CLEC advises SBC KANSAS that it is willing to perform the make-ready work proposed by SBC KANSAS in accordance with a design approved by SBC KANSAS, and SBC KANSAS' specifications, SBC KANSAS will not, without due cause and justification, refuse to accept CLEC's offer to perform the work. Authorization shall be accomplished by CLEC's signing the estimate and returning it to SBC KANSAS within the 20-day acceptance period.

(d) Within the 20-day acceptance period, the parties may negotiate modifications of the make-ready work to be performed. If the parties reach agreement through negotiation, a new estimate shall be prepared and authorization shall be accomplished by CLEC's signing the revised estimate and returning it to SBC KANSAS within the original 20-day acceptance period, or within such period of time as may be mutually agreed upon by the parties.

(e) If CLEC does not sign and return the estimate within the 20-day acceptance period, or within such other period of time as may be mutually agreed upon in writing by the parties, CLEC shall notify SBC KANSAS in writing by the 20th day whether CLEC is withdrawing its application, electing to perform the make-ready work itself as provided in subsection (c) or electing to treat SBC KANSAS' make-ready requirements as a denial of access.

(1) If no such notice is given by the 20th day, or such later date as may be mutually agreed upon by the parties, SBC KANSAS shall contact CLEC to determine whether CLEC intends to withdraw its application. CLEC shall be deemed to have withdrawn its application if, in response to SBC KANSAS' inquiry, CLEC does not immediately sign and return the estimate to SBC KANSAS.

(2) If CLEC timely notifies SBC KANSAS that it is electing to treat SBC KANSAS' make-ready requirements as a denial of access, SBC KANSAS shall, within 20 days after receiving the notice, provide CLEC with a written statement explaining its decision to grant access only if the specified make-ready work is performed. The statement shall be specific, shall include all relevant evidence and information supporting SBC KANSAS' decision to grant access only if the specified make-ready work is performed, and shall explain how such evidence and information relates to SBC KANSAS' decision for reasons of lack of capacity, safety, reliability, or generally applicable engineering purposes. The statement shall also set forth the basis for SBC KANSAS' make-ready proposals and specifically address SBC KANSAS' rationale for rejecting CLEC's alternative written proposals, if any.

10.06 Multiple Applications. Applications shall be processed on a first-come, first-served basis. Applications filed on the same date shall be treated as having been filed simultaneously and shall be processed accordingly.

10.07 Payments to Others for Expenses Incurred in Transferring or Arranging Their Facilities. CLEC shall make arrangements with the owners of other facilities attached to SBC KANSAS' poles or occupying space in SBC KANSAS' conduit system regarding reimbursement for any expenses incurred by them in transferring or rearranging their facilities to accommodate the attachment or placement of CLEC's facilities to or in SBC KANSAS' poles, ducts, and conduits.

10.08 Reimbursement for the Creation or Use of Additional Capacity. CLEC acknowledges that if any additional capacity is created as a result of make-ready work performed to accommodate CLEC's facilities, CLEC shall not have any preferential right to utilize such additional capacity in the future and shall not be entitled to any fees subsequently paid to SBC KANSAS for the use of such additional capacity. If SBC KANSAS utilizes additional space or capacity created at CLEC's expense, SBC KANSAS will reimburse CLEC on a pro-rata basis for SBC KANSAS' share, if any, of CLEC's capacity expansion costs, to the extent reimbursement is required by applicable rules, regulations, and commission orders. SBC KANSAS will notify the CLEC if any entity, including SBC KANSAS, attaches facilities to additional capacity on SBC KANSAS' structure created at CLEC's expense. SBC KANSAS shall not be required to collect or remit any such amounts to CLEC, to resolve or adjudicate disputes over reimbursement between CLEC and Other Users.

10.09 License and Attachment. After all required make-ready work is completed, SBC KANSAS will issue a license confirming that CLEC may attach specified facilities to SBC KANSAS' poles or place specified

facilities in SBC KANSAS' conduit system. CLEC shall have access to attach or place only those facilities specifically described in licenses subject to this Appendix, and no others.

ARTICLE 11: CONSTRUCTION OF CLEC'S FACILITIES

11.01 Responsibility for Attaching and Placing-Facilities. Each party shall be responsible for the actual attachment of its facilities to SBC KANSAS' poles and the actual placement of its facilities in SBC KANSAS' ducts, conduits, and rights-of-way and shall be solely responsible for all costs and expenses incurred by it or on its behalf in connection with such activities. In this regard, each party shall be solely responsible for (a) paying all persons and entities who provide materials, labor, access to real or personal property, or other goods or services in connection with the construction and attachment of its facilities and (b) directing the activities of all such personnel while they are physically present on, within, or in the vicinity of SBC KANSAS' poles, ducts, conduits, and rights-of-way.

11.02 Construction Schedule. After the issuance of a license, CLEC shall provide SBC KANSAS with an updated construction schedule and shall thereafter keep SBC KANSAS informed of anticipated changes in the construction schedule. Construction schedules received by SBC KANSAS shall be subject to the provisions of Article 27 of this Appendix (Confidentiality of Information). Construction schedules required by this section shall include, at a minimum, the following information:

(a) the name, title, business address, and business telephone number of the manager responsible for construction of the facilities;

(b) the names of each contractor and subcontractor that will be involved in the construction activities;

(c) the estimated dates when construction will begin and end; and

(d) the approximate dates when CLEC or personnel working on CLEC's behalf will be performing construction work in connection with the attachment of CLEC's facilities to SBC KANSAS' poles or the placement of CLEC's facilities in any part of SBC KANSAS' conduit system.

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

12.01 Use of CLEC's Facilities. Each license granted under this Appendix authorizes CLEC to have access to CLEC's facilities on or within SBC KANSAS' poles, ducts, and conduits as needed for the purpose of serving CLEC's customers.

12.02 Routine Maintenance of CLEC's Facilities. Each license granted under this Appendix authorizes CLEC to engage in routine maintenance of facilities located on or within SBC KANSAS' poles, ducts, and conduits pursuant to such license. Routine maintenance does not include the replacement or modification of CLEC's facilities in any manner which results in CLEC's attachments differing substantially in size, weight, or physical characteristics from the attachments described in CLEC's license.

12.03 Installation of Drive Rings and J-Hooks. CLEC may install drive rings and J-hooks on SBC KANSAS' poles for the attachment of drop wires as specified in this section.

(a) Drive rings and J-hooks may be installed as specified in pole attachment licenses issued to CLEC.

(b) If attachment space has already been licensed to CLEC on a given SBC KANSAS pole, CLEC may install drive rings and J-hooks within the space assigned to CLEC (e.g., typically six inches above and six inches below CLEC's point of attachment on the pole if the point of attachment is in the center of the space assigned to CLEC) without applying for or obtaining a new or amended license. No additional attachment charges shall apply with respect to drive rings and J-hooks installed in CLEC's licensed attachment space.

12.04 Short-term Use of Maintenance Ducts for Repair and Maintenance Activities. Maintenance ducts shall be available, on a nondiscriminatory basis, for short-term (not to exceed 30 days) non-emergency maintenance or repair activities by any person or entity (including but not limited to SBC KANSAS, CLEC, other local

service providers, and other joint users) with facilities in the conduit section in which the maintenance duct is located; provided, however, that use of the maintenance duct for non-emergency maintenance and repair activities must be scheduled by SBC KANSAS. A person or entity using the maintenance duct for non-emergency maintenance or repair activities shall immediately notify SBC KANSAS of such use and must either vacate the maintenance duct within 30 days or, with SBC KANSAS' consent, which consent shall not be unreasonably withheld, rearrange its facilities to ensure that at least one full-sized replacement maintenance duct (or, if a designated maintenance duct was an inner duct, a suitable replacement inner duct) is available for use by all occupants in the conduit section within 30 days after such party occupies the maintenance duct. Cables temporarily placed in the maintenance duct on a non-emergency basis shall be subject to such accommodations as may be necessary to rectify emergencies which may occur while the maintenance duct is occupied.

12.05 Responsibility for Maintenance of Facilities. Each party shall be solely responsible for maintaining its own facilities and (a) paying all persons and entities who provide materials, labor, access to real or personal property, or other goods or services in connection with the maintenance of such party's facilities and (b) directing the activities of all such personnel while they are physically present on, within, or in the vicinity of SBC KANSAS' poles, ducts, conduits, and rights-of-way.

12.06 Information Concerning the Maintenance of CLEC's Facilities. Promptly after the issuance of a license, CLEC shall provide SBC KANSAS with the name, title, business address, and business telephone number of the manager responsible for routine maintenance of CLEC's facilities and shall thereafter notify SBC KANSAS of changes to such information. The manager responsible for routine maintenance of CLEC's facilities shall, on SBC KANSAS' request, identify any authorized contractor or other person performing maintenance activities on CLEC's behalf at a specified site.

ARTICLE 13: MODIFICATION OF CLEC'S FACILITIES

13.01 Notification of Planned Modifications. CLEC shall notify SBC KANSAS in writing at least 30 days before adding to, relocating, replacing or otherwise modifying its facilities attached to a pole, or located in any SBC KANSAS duct or conduit. The notice shall contain sufficient information to enable SBC KANSAS to determine whether the proposed addition, relocation, replacement, or modification is permitted under CLEC's present license or requires a new or amended license. No notice shall be required for such routine modifications as the installation or placement of drive rings or J-hooks, terminals, and other ancillary apparatus routinely used in providing service to customers, having no effect on the structural integrity of SBC KANSAS' poles, ducts, or conduits, and having no effect on the ability of SBC KANSAS or joint users to use or have access to SBC KANSAS' poles, ducts, conduits, or rights-of-way.

13.02 New or Amended License Required. A new or amended license will be required if the proposed addition, relocation, replacement, or modification:

(a) requires that CLEC occupy additional space on SBC KANSAS' poles (except on a temporary basis in the event of an emergency);

(b) requires that CLEC occupy additional space (other than space in the maintenance duct in accordance with Sections 12.04, 13.03, and 15.02 of this Appendix) in any SBC KANSAS duct or conduit except on a temporary basis in the event of an emergency;

(c) results in the facilities attached being different from those described as authorized attachments in CLEC's present application, current license, notice of intent to occupy, or license application and supplemental documentation (e.g., different duct or size increase causing a need to re-calculate storm loadings, guying, or pole class);

(d) requires additional holding or loading capacity on a permanent basis.

13.03 Use of Maintenance Duct in Connection with Facility Modifications and Replacements. Non-emergency access to the maintenance duct in connection with facilities modifications and replacements shall be subject to the provisions of Section 12.04 of this Appendix.

13.04 Replacement of Facilities and Spinning/Overlashing Additional Cables. CLEC may replace existing facilities with new facilities occupying the same pole, duct, or conduit space, and may spin or overlash additional cables to its own existing facilities; provided, however, that such activities shall not be considered to be routine maintenance and shall be subject to the requirements of this article. CLEC will be required to ensure pole loadings are not exceeded.

13.05 Streamlined Procedures for the Issuance of Amended Licenses. SBC KANSAS may streamline procedures for the issuance of amended licenses with respect to proposed additions, relocations, replacements, or modifications of CLEC's facilities when it appears to SBC KANSAS that the proposed additions, relocations, replacements, or modifications will not require make-ready work by SBC KANSAS, will not interfere with SBC KANSAS' use of its poles, conduit systems, or facilities attached or connected thereto or contained therein, and will not interfere with the use of existing facilities attached or connected thereto or contained therein by joint users.

ARTICLE 14: REARRANGEMENT OF CLEC'S FACILITIES

14.01 Notice of Planned Modifications. The parties acknowledge that the Pole Attachment Act recites in part that "Whenever the owner of a pole, duct, conduit, or right-of-way intends to modify or alter such pole, duct, conduit, or right-of-way, the owner shall provide written notification of such action to any entity that has obtained an attachment to such conduit or right-of-way so that such entity may have a reasonable opportunity to add to or modify its existing attachment." The parties further acknowledge that the FCC, in its First Report and Order in CC Docket No. 96-98, recites that "... absent a private agreement establishing notification procedures, written notification of a modification must be provided to parties holding attachments on the facility to be modified at least 60 days prior to the commencement of the physical modification itself." This article is intended by the parties to alter the above-described notification requirements only as provided in Section 14.02(b) below.

14.02 Rearrangement of CLEC's Facilities at SBC KANSAS' Request. CLEC acknowledges that, from time to time, it may be necessary or desirable for SBC KANSAS to rearrange facilities on or within its poles or conduit systems, change out poles, add poles to a pole line, relocate or reconstruct poles, pole lines, conduit segments, or conduit runs, enlarge manholes, reinforce conduit, or otherwise modify poles, pole lines, or portions of its conduit system and that such changes may be necessitated by SBC KANSAS' own business needs or by factors outside of SBC KANSAS' control, such as the decision by a municipality to widen streets or the decision by another person or entity to seek access to SBC KANSAS' poles, ducts, conduits, or rights-of-way.

(a) CLEC agrees that CLEC will cooperate with SBC KANSAS and joint users in making such rearrangements as may be necessary to enable such changes to be made and that costs incurred by CLEC in making such rearrangements shall, in the absence of a specific agreement to the contrary, be borne by the parties in accordance with then-applicable statutes, rules, regulations, and commission orders, including the Pole Attachment Act and rules, regulations and commission orders thereunder.

(b) CLEC shall make all rearrangements of its facilities within 60 days after receiving written notification by SBC KANSAS of the required rearrangements. SBC KANSAS may request that such modification be made within a shorter period of time, in which event CLEC shall not refuse to comply such request without due cause and justification. In determining due cause and justification, the following factors, among others, may be considered:

(1) the circumstances under which the rearrangements are sought (e.g., street-widening project, request by a competing provider for access);

(2) the timeliness of SBC KANSAS' request to CLEC;

(3) the nature and number of rearrangements sought;

(4) the impact on the ability of the parties and joint users to meet customer service needs; and

(5) risks of service interruption to customers of the parties and joint users.

(c) Nothing contained in this article shall preclude CLEC from advising SBC KANSAS, within 60 days from the date of the notice, of its desire to add to or modify its existing attachments.

ARTICLE 15: EMERGENCY REPAIRS AND POLE REPLACEMENTS

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

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

(a) Nothing contained in this Appendix shall be construed as requiring either party to perform any repair or service restoration work of any kind with respect to the other party's facilities or the facilities of joint users.

(b) Maintenance ducts shall be available, on a nondiscriminatory basis, for emergency repair activities by any person or entity (including but not limited to SBC KANSAS, CLEC, other local service providers, and other joint users) with facilities in the conduit section in which the maintenance duct is located; provided, however, that a party using the maintenance duct for emergency repair activities shall immediately notify SBC KANSAS of such use and must either vacate the maintenance duct within 30 days or, with SBC KANSAS' consent, which consent shall not be unreasonably withheld, rearrange its facilities to ensure that at least one full-sized replacement maintenance duct (or, if a designated maintenance duct was an inner duct, a suitable replacement inner duct) is available for use by all occupants in the conduit section within 30 days after such party occupies the maintenance duct. The parties agree not to exceed 30 days' use except in unusual emergencies that may require longer than 30 days to rectify.

(c) If necessary, other unoccupied ducts may be used on a short-term basis when the maintenance duct is unavailable. Any such use shall be subject to the same rules applicable to the maintenance duct and shall be subject to the rights of any party or joint user to whom such duct has been assigned.

15.03 Designation of Emergency Repair Coordinators and Other Information. For each SBC KANSAS construction district, CLEC shall provide SBC KANSAS with the emergency contact number of CLEC's designated point of contact for coordinating the handling of emergency repairs of CLEC's facilities and shall thereafter notify SBC KANSAS of changes to such information.

15.04 Reporting of Conditions Requiring Emergency Repairs. CLEC shall notify SBC KANSAS at the earliest practicable opportunity after discovering any condition on or in any of SBC KANSAS' poles, ducts, conduits, or rights-of-way requiring emergency repairs to SBC KANSAS' facilities and SBC KANSAS shall notify CLEC at the earliest practicable opportunity after discovering any condition on or in any of SBC KANSAS' poles, ducts, conduits, or rights-of-way requiring emergency repairs to CLEC's facilities.

15.05 Order of Precedence of Work Operations; Access to Maintenance Duct and Other Unoccupied Ducts in Emergency Situations. When notice and coordination are practicable, SBC KANSAS, CLEC, and other affected parties shall coordinate repair and other work operations in emergency situations involving service disruptions. Disputes will be immediately resolved at the site by the affected parties in accordance with the following principles:

(a) Emergency service restoration work requirements shall take precedence over other work operations.

(b) Except as otherwise agreed upon by the parties, restoration of lines for emergency services providers (e.g., 911, fire, police, and hospital lines) shall be given the highest priority and temporary occupancy of the maintenance duct (and, if necessary, other unoccupied ducts) shall be assigned in a manner consistent with this priority. Secondary priority shall be given to restoring services to the local service providers with the greatest numbers of local lines out of service due to the emergency being rectified. The parties shall exercise good faith in assigning priorities and shall base their decisions on the best information then available to them at the site in question, and may, by mutual agreement at the site, take other factors into consideration in assigning priorities and sequencing service restoration activities.

(c) SBC KANSAS shall determine the order of precedence of work operations and assignment of duct space in the maintenance duct (and other unoccupied ducts) only if the affected parties are unable to reach prompt agreement; provided, however, that these decisions shall be made by SBC KANSAS on a nondiscriminatory basis in accordance with the principles set forth in this section.

15.06 Unilateral Corrective Action. When SBC KANSAS or CLEC reasonably believes that, due to the condition of either party's facilities placed on, within, or in the vicinity of SBC KANSAS' poles, ducts, conduits, or rights-of-way, there is an immediate or imminent threat to the safety or health of employees or any other person, to the physical integrity or functioning of SBC KANSAS' or CLEC's facilities, or SBC KANSAS' or CLEC's ability to meet its service obligations, SBC KANSAS or CLEC may unilaterally perform such limited corrective work as may be necessary to prevent or mitigate against the injury threatened. For example, if facilities have become detached or partially detached from a pole, or detached or partially detached from supporting racks or wall supports within a manhole, SBC KANSAS or CLEC may reattach them as provided in this section but shall not be obligated to do so.

(a) Before performing any corrective work involving facilities, SBC KANSAS or CLEC shall attempt to notify the other party. After such notice has been given, the parties shall coordinate corrective work.

(b) When an emergency situation exists such that advance notice and coordination are not practicable, SBC KANSAS or CLEC may perform corrective work without first giving notice to the other, and shall promptly notify the other of the corrective work performed and the reason why notice was not given.

15.07 Emergency Pole Replacements. CLEC agrees to cooperate fully with SBC KANSAS when emergency pole replacements are required.

(a) When emergency pole replacements are required, SBC KANSAS shall promptly make a good faith effort to contact CLEC to notify CLEC of the emergency and to determine whether CLEC will respond to the emergency in a timely manner.

(b) If notified by SBC KANSAS that an emergency exists which will require the replacement of a pole, CLEC shall transfer its facilities immediately, provided such transfer is necessary to rectify the emergency. If the transfer is to a SBC KANSAS replacement pole, the transfer shall be in accordance with SBC KANSAS' placement instructions.

(c) If CLEC is unable to respond to the emergency situation immediately, CLEC shall so advise SBC KANSAS and thereby authorize SBC KANSAS (or any joint user sharing the pole with SBC KANSAS) to perform such emergency-necessitated transfers (and associated facilities rearrangements) on CLEC's behalf.

15.08 Expenses Associated with Emergency Repairs. Each party shall bear all reasonable expenses arising out of or in connection with any emergency repairs of its facilities and transfers or rearrangements of its facilities associated with emergency pole replacements made in accordance with the provisions of this article.

(a) Each party shall be solely responsible for paying all persons and entities who provide materials, labor, access to real or personal property, or other goods or services in connection with any such repair, transfer, or rearrangement of such party's facilities.

(b) CLEC agrees to reimburse SBC KANSAS for the costs incurred by SBC KANSAS for work performed by SBC KANSAS on CLEC's behalf in accordance with the provisions of this article; provided, however, that when the costs incurred by SBC KANSAS are for work performed in part for CLEC and in part for

SBC KANSAS and third parties, CLEC shall only reimburse SBC KANSAS for CLEC's share of the costs.

ARTICLE 16: INSPECTION BY SBC KANSASOF CLEC'S FACILITIES

16.01 SBC KANSAS' Right to Make Periodic or Spot Inspections. SBC KANSAS shall have the right, but not the duty, to make periodic or spot inspections at any time of CLEC's facilities attached to SBC KANSAS' poles or placed within SBC KANSAS' ducts, conduits, or rights-of-way. Such inspection may be conducted for the purpose of determining whether facilities attached to SBC KANSAS' poles or placed in SBC KANSAS' conduit system are in compliance with the terms of this Appendix and licenses hereunder, SBC KANSAS may charge CLEC for inspection expenses only if the inspection reflects that CLEC is in substantial noncompliance with the terms of this Appendix. If the inspection reflects that CLEC's facilities are not in compliance with the terms of this Appendix, CLEC shall bring its facilities into compliance promptly after being notified of such noncompliance and shall notify SBC KANSAS in writing when the facilities have been brought into compliance.

16.02 Report of Inspection Results. SBC KANSAS will provide CLEC the results of any inspection of CLEC's facilities performed under Section 16.01 of this Appendix.

ARTICLE 17: TAGGING OF FACILITIES AND UNAUTHORIZED ATTACHMENTS

17.01 Facilities to Be Marked. CLEC shall tag or otherwise mark all of CLEC's facilities placed on or in SBC KANSAS' poles, ducts, conduits, and rights-of-way in a manner sufficient to identify the facilities as CLEC's facilities.

17.02 Removal of Untagged or Unauthorized Facilities. Subject to the provisions of subsections (a)-(c) of this section, SBC KANSAS may, without notice to any person or entity, remove from SBC KANSAS' poles or any part of SBC KANSAS' conduit system any untagged or unmarked facilities, including any such facilities owned or used by CLEC, if SBC KANSAS determines that such facilities are not the subject of any current license authorizing their continued attachment to SBC KANSAS' poles or occupancy of SBC KANSAS' conduit system and are not otherwise lawfully present on SBC KANSAS' poles or in SBC KANSAS' conduit system.

(a) Before removing any such untagged or unmarked facilities, SBC KANSAS shall first attempt to determine whether the facilities are being used by CLEC or any other firm, are authorized by any license subject to this Appendix, or are otherwise lawfully present on SBC KANSAS' poles or in SBC KANSAS' conduit system.

(b) SBC KANSAS shall not remove untagged or unmarked facilities which are thought to be operational without first making reasonable efforts to (1) determine the identity of the owner or other person or entity thought to be responsible for the facilities and (2) give advance written notice to such person or entity.

(c) If the facilities appear to be facilities which are subject to a current license granted to CLEC under this Appendix, or if the facilities are otherwise lawfully present on SBC KANSAS' poles or in SBC KANSAS' conduit system, SBC KANSAS shall give written notice to CLEC requesting CLEC to tag or mark the facilities within 60 days and CLEC shall either tag the facilities within 60-day period, advise SBC KANSAS in writing of its schedule for tagging the facilities, or notify SBC KANSAS in writing that it disclaims ownership of or responsibility for the facilities. If CLEC disclaims ownership of or responsibility for the facilities, CLEC shall disclose to SBC KANSAS the identity of the owner or other party thought by CLEC to be responsible for the facilities.

(d) If any of CLEC's facilities for which no license is presently in effect are found attached to SBC KANSAS' poles or within any part of SBC KANSAS' conduit system or rights-of-way, SBC KANSAS shall send a written notice to CLEC advising CLEC that no license is presently in effect with respect to the facilities. Within 30 days of receiving such notice, CLEC shall acknowledge receipt of the notice and submit to

SBC KANSAS, in writing, an application for a new or amended license with respect to such facilities. CLEC shall be liable to SBC KANSAS for all fees and charges associated with the unauthorized attachments. Such fees and charges shall continue to accrue until the unauthorized attachments are removed from SBC KANSAS poles, conduits or rights-of-way or until a new or amended occupancy permit is issued and shall include, but not be limited to, all fees and charges which would have been due and payable if CLEC and its predecessors had continuously complied with all applicable SBC KANSAS licensing requirements. In addition, CLEC shall be liable for an unauthorized attachment fee in the amount of 5 times the annual attachment and occupancy fees in effect on the date CLEC is notified by SBC KANSAS of the unauthorized attachment or occupancy. CLEC shall also rearrange or remove its unauthorized facilities at SBC KANSAS' request to comply with applicable placement standards and shall remove its facilities from any space occupied by or assigned to SBC KANSAS or another entity within 30 days of receiving notice to do so. CLEC shall pay SBC KANSAS for all costs incurred by SBC KANSAS in connection with any rearrangements, modifications or replacements necessitated as a result of the presence of CLEC's unauthorized facilities. All fees and charges associated with the unauthorized attachments shall be due and payable 30 days after the date of the bill or invoice stating such fees and charges. If CLEC does not obtain a new or amended license with respect to unauthorized facilities within the specified period of time, SBC KANSAS shall by written notice advise CLEC to remove its unauthorized facilities within 60 days from the date of notice and CLEC shall remove the facilities within the time specified in the notice. If the facilities have not been removed within the time specified in the notice, SBC KANSAS may, at SBC KANSAS' option, remove CLEC's facilities at CLEC's expense.

17.03 Updating of Plant Location Records. CLEC shall furnish SBC KANSAS, upon request, with such information as may from time to time be necessary for SBC KANSAS to correct and update SBC KANSAS' pole and conduit maps and records, cable plat maps, and other plant location records, if any, recording or logging assignments of pole, duct, and conduit space.

ARTICLE 18: REMOVAL OF CLEC'S FACILITIES

18.01 Responsibility for Removing Facilities. CLEC shall be responsible for and shall bear all expenses arising out of in connection with the removal of its facilities from SBC KANSAS' poles, ducts, conduits, and rights-of-way. Such removals shall be performed in accordance with the provisions of this article.

(a) CLEC shall give SBC KANSAS, when practicable, at least 30 days' advance notice in writing of its intent to remove facilities from any part of SBC KANSAS' conduit system and the proposed method of removal. The notice shall include the locations of the facilities to be removed, the name, telephone number of the manager responsible for the removal of the facilities, and the estimated dates when the removal of the facilities will begin and end.

(b) CLEC shall, if requested by SBC KANSAS to do so, place a pull mandrel (slug) through all or any specified part of the duct which was occupied by CLEC.

(c) Except as otherwise agreed upon in writing by the parties, CLEC must, after removing its facilities, plug all previously occupied ducts at the entrances to SBC KANSAS' manholes (if SBC KANSAS would itself plug the ducts under the same circumstances) in accordance with the standards set by SBC KANSAS for its operations, provided that such standards have been communicated in writing to CLEC at least 10 days in advance of the removal of CLEC's facilities.

(d) CLEC shall be solely responsible for the removal of its own facilities and for (1) paying all persons and entities which provide materials, labor, access to real or personal property, or other goods or services in connection with the removal of CLEC's facilities from SBC KANSAS' poles, ducts, conduits, or rights-of-way and (2) directing the activities of all such personnel while they are physically present on, within, or in the vicinity of SBC KANSAS' poles, ducts, conduits, or rights-of-way.

(e) When CLEC no longer intends to occupy space on a pole or in a conduit CLEC will provide written notification to SBC KANSAS that it wishes to terminate the license with respect to such space and will

remove its facilities from the space described in the notice. Upon removal of CLEC's facilities, the license shall terminate and the space shall be available for reassignment.

18.02 Removal of Facilities Not in Active Use. At SBC KANSAS' request, CLEC shall remove from SBC KANSAS' poles, ducts, conduits, and rights-of-way any of CLEC's facilities which are no longer in active use; provided, however, that CLEC shall not be required to remove such facilities when due cause and justification exists for allowing them to remain in place. CLEC shall not be required to remove retired or inactive (dead) cables that have been overlashed by other facilities which remain in active use unless removal expenses are paid by the person or entity requesting removal of such facilities. CLEC shall not be required to remove cables that would require excavation to remove unless the person or entity requesting removal of such cables bears the expenses of such excavation in a manner analogous to the provisions of Section 10.02(c) of this Appendix. CLEC shall not abandon any of its facilities by leaving them on SBC KANSAS' poles, in SBC KANSAS' ducts, conduits, or rights-of-way, at any location where they may block or obstruct access to SBC KANSAS' poles or any part of SBC KANSAS' conduit system, or on any public or private property (other than property owned or controlled by CLEC) in the vicinity of SBC KANSAS' poles, ducts, conduits, or rights-of-way.

18.03 Removal Following Termination of License. CLEC shall remove its facilities from SBC KANSAS' poles, ducts, conduits, or rights-of-way within 60 days, or within such other period of time as shall be mutually agreeable to the parties, after termination of the license authorizing the attachment of such facilities to SBC KANSAS' poles or the placement of such facilities in SBC KANSAS' ducts, conduits, or rights-of-way.

18.04 Removal Following Replacement of Facilities. Except as provided in Section 18.02, CLEC shall remove facilities no longer in service from SBC KANSAS' poles or conduit system within 60 days, or within such other period of time as shall be mutually agreeable to the parties, after the date CLEC replaces existing facilities on a pole or in a conduit with substitute facilities on the same pole or in the same conduit; provided, however, that removal of facilities from the maintenance duct shall be governed by Sections 12.04, 13.03, and 15.02 of this Appendix and not by this subsection.

18.05 Notice of Completion of Removal Activities. CLEC shall give written notice to SBC KANSAS stating the date on which the removal of its facilities from SBC KANSAS' poles, ducts, conduits, and rights-of-way has been completed. Charges shall continue to accrue with respect to such facilities until CLEC's facilities have been removed, pull mandrels (slugs) have been pulled if required by Section 18.01(b) of this Appendix, CLEC has plugged all previously occupied ducts at the entrances to SBC KANSAS' manholes as required by Section 18.01(c) of this Appendix, and the notice required by this section has been given.

18.06 Notice of SBC KANSAS' Intent to Remove Facilities. If CLEC fails to remove its facilities from SBC KANSAS' poles or conduit system, in accordance with the provisions of Sections 18.01 and 18.05 of this Appendix, SBC KANSAS may remove such facilities 60 days after giving CLEC written notice of its intent to do so. The notice shall state:

(a) the date when SBC KANSAS plans to commence removal of CLEC's facilities, and that CLEC may remove the facilities at CLEC's sole cost and expense at any time before the date specified;

(b) SBC KANSAS' plans with respect to disposition of the facilities removed; and

(c) that CLEC's failure to remove the facilities or make alternative arrangements with SBC KANSAS for removal and disposition of the facilities shall constitute an abandonment of the facilities and of any interest therein.

18.07 Removal of Facilities by SBC KANSAS. If SBC KANSAS removes any of CLEC's facilities pursuant to this article, CLEC shall reimburse SBC KANSAS for SBC KANSAS' costs in connection with the removal, storage, delivery, or other disposition of the removed facilities.

18.08 Reattachment or Subsequent Attachment Following Removal. After CLEC's facilities have been properly removed pursuant to the provisions of this article, neither the removed facilities nor replacement facilities shall be attached to SBC KANSAS' poles or placed in SBC KANSAS' conduit system until CLEC has first submitted new applications for the facilities and complied with the provisions of this Appendix.

18.09 Termination of Licenses After Removal of Facilities. CLEC agrees to provide written notice to SBC KANSAS when it ceases to use facilities attached to SBC KANSAS' poles or placed in any part of SBC KANSAS' conduit system. Upon the giving of such notice and the removal of such facilities, CLEC's license with respect to such facilities and the space occupied by those facilities shall terminate.

ARTICLE 19: RATES, FEES, CHARGES, AND BILLING

19.01 Application Fees.
SBC KANSAS will charge CLEC an Application Fee for each application requesting access to poles, conduits and rights-of-way, as set forth in the Pricing Schedule.

19.02 Semiannual Attachment and Occupancy Fees.
SBC KANSAS' semiannual fees for attachments to SBC KANSAS' poles and occupancy of SBC KANSAS' ducts and conduits are specified in Exhibit I. For all attachments to SBC KANSAS' poles and occupancy of SBC KANSAS' ducts and conduits, CLEC agrees to pay SBC KANSAS semiannual charges as specified in Exhibit I.

19.03 Billing for Attachment and Occupancy Fees.
Semiannual attachment and occupancy fees under this Appendix and licenses issued hereunder shall be payable in advance. Fees for pole attachments shall be based on the number of poles attachments for which licenses have been issued as of the date of billing by SBC KANSAS, shall be determined in accordance with the schedule of charges set forth in Exhibit I and shall be payable semiannually in advance. Fees for conduit occupancy shall be based on the number of duct feet subject to occupancy by CLEC under licenses issued as of the date of billing by SBC KANSAS, shall be determined in accordance with the schedule of charges set forth in Exhibit I and shall be payable semiannually in advance. Pole attachment and conduit occupancy space assigned to CLEC prior to the issuance of a license shall be billed in the same manner as if a license had been issued.

(a) Bills shall be submitted to CLEC for two semiannual billing periods, the first period including charges for the months of January through June and the second including charges for the months of July through December.

(b) Charges associated with newly licensed pole attachments and conduit occupancy shall be prorated on a daily basis and billed with the next semiannual bill.

(c) Charges shall be adjusted and retroactively prorated on a daily basis following the removal of CLEC's facilities (in accordance with Article 18) and shall be retroactively adjusted as a credit on the next semiannual bill.

19.04 Pre-license Survey Fees. With respect to pre-license surveys conducted by SBC KANSAS pursuant to Section 9.05 of this Appendix, SBC KANSAS may charge CLEC cost-based pre-license survey fees pursuant to such methodologies as shall be approved by the KANSAS Corporation Commission following the filing of SBC KANSAS of any required study providing cost justification for the imposition of pre-license survey fees.

19.05 Make-Ready Charges. CLEC agrees to pay make-ready charges, if any, as specified in this section. SBC KANSAS may recover from CLEC the costs of make-ready work performed by SBC KANSAS or persons acting on SBC KANSAS' behalf. SBC KANSAS will require payment of the full amount in advance, subject to true up of the estimated costs with the actual costs.

19.06 Charges for Work Performed by SBC KANSAS employees. Except as otherwise specifically required by applicable commission orders, SBC KANSAS' charges to CLEC for worked performed by SBC KANSAS employees pursuant to this Appendix shall be computed by multiplying the fully loaded hourly rates for such employees times the number of hours required to perform the work. Disputes over SBC KANSAS' charges for work performed by SBC KANSAS employees, including disputes between the parties concerning the number of hours required to perform the work, shall be subject to the dispute resolution procedures of Article 30. Notwithstanding the execution of this Appendix, CLEC shall have the right to challenge the

methodology utilized by SBC KANSAS to determine hourly rates for SBC KANSAS employees at any time in any forum having jurisdiction over the subject matter.

19.06 Due Date for Payment. For all fees and charges other than make ready charges, each bill or invoice submitted by SBC KANSAS to CLEC for any fees or charges under this Appendix shall state the date that payment is due, which date shall be not less than 60 days after the date of the bill or invoice. CLEC agrees to pay each such bill or invoice on or before the stated due date.

ARTICLE 20: PERFORMANCE AND PAYMENT BONDS

20.01 Bond May Be Required. SBC KANSAS may require CLEC, authorized contractors, and other persons acting on CLEC's behalf to execute performance and payment bonds (or provide other forms of security) in amounts and on terms sufficient to guarantee the performance of their respective obligations arising out of or in connection with this Appendix only as provided in subsections (a)-(b) of this section. Bonds shall not be required for entities meeting all self-insurance requirements of Section 21.02 of this Appendix.

(a) If CLEC elects to perform facilities modification, capacity expansion, or make-ready work under Section 6.08(c) or Sections 10.02-10.05 of this Appendix, SBC KANSAS may require CLEC, authorized contractors, and other persons acting on CLEC's behalf to execute bonds equivalent to those which would be required by SBC KANSAS if the work had been performed by contractors, subcontractors, or other persons selected directly by SBC KANSAS. No bonds shall be required of CLEC, authorized contractors, or other persons acting on CLEC's behalf except in those situations where a bond would be required if the work were being performed on SBC KANSAS' behalf.

(b) No other bond shall be required of CLEC to secure obligations arising under this Appendix absence of due cause and justification.

(c) If a bond or similar form of assurance is required of CLEC, an authorized contractor, or other person acting on CLEC's behalf, CLEC shall promptly submit to SBC KANSAS, upon request, adequate proof that the bond remains in full force and effect and provide certification from the company issuing the bond that the bond will not be canceled, changed or materially altered without first providing SBC KANSAS 60 days written notice.

(d) SBC KANSAS may communicate directly with the issuer of any bond issued pursuant to this section to verify the terms of the bond, to confirm that the bond remains in force, and to make demand on the issuer for payment or performance of any obligations secured by the bond.

ARTICLE 21: INSURANCE

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

(a) Unless CLEC has provided proof of self-insurance as permitted in Section 21.02 below, CLEC shall obtain and maintain in full force and effect, for so long as this Appendix remains in effect, insurance policies specified in Exhibit IV of this Appendix. Each policy shall name SBC KANSAS as an additional insured and shall include provisions requiring the insurer to give SBC KANSAS notice of any lapse, cancellation, or termination of the policy or any modification to the policy affecting SBC KANSAS' rights under the policy, including but not limited to any decrease in coverage or increase in deductibles.

(b) Exclusions from coverage or deductibles, other than those expressly permitted in EXHIBIT IV, must be approved in writing by SBC KANSAS.

(c) Authorized contractors and other contractors performing work on, within, or in the vicinity of SBC KANSAS' poles, ducts, conduits, or rights-of-way on CLEC's behalf shall be required to meet the same insurance requirements applicable to contractors performing similar work on SBC KANSAS' behalf. CLEC shall be responsible for securing compliance by its contractors with this requirement and shall be liable to SBC KANSAS for any damages resulting from its failure to do so.

(d) Self-insurance shall be permitted for persons and entities (including but not limited to CLEC and authorized contractors) meeting the self-insurance requirements set forth in Section 21.02 of this Appendix.

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

(a) CLEC shall submit to SBC KANSAS adequate proof (as determined by SBC KANSAS) that the companies insuring CLEC are providing all coverages required by this Appendix. CLEC's insurers shall provide SBC KANSAS with certifications that the required coverages will not be canceled, changed, or materially altered (e.g., by increasing deductibles or altering exclusions from coverages) except after 30 days written notice to SBC KANSAS.

(b) SBC KANSAS will accept certified proof of a person or entity's qualification as a self-insurer for Workers' Compensation and Employers Liability, where self-insurance is permitted, upon receipt of a current copy of a Certificate of Authority to Self-insure issued by the Workers' Compensation Commission of this State. SBC KANSAS will accept self-insurance by a person or entity in lieu of other Commercial General Liability and Automobile Liability Coverage if such person or entity warrants that its net worth, as shown by its most recent audited financial statement with no negative notes, is a least 10 times the minimum liability limits set forth in Exhibit IV and SBC KANSAS is satisfied that such person or entity will be able to meet its liability obligations under this Appendix.

21.03 Licensing Contingent on Proof of Insurance. All insurance required in accordance with Exhibit IV, or self-insurance as permitted in Section 21.02, must be in effect before SBC KANSAS will issue pole attachment or conduit occupancy licenses under this Appendix and shall remain in force until all of CLEC's facilities have been removed from SBC KANSAS' poles, ducts, conduits, and rights-of-way.

21.04 Failure to Obtain or Maintain Coverage. CLEC's failure to obtain and maintain the required levels and types of insurance coverage required under this Appendix may be grounds for termination of this Appendix and licenses subject to policies of insurance required under this Appendix will be canceled or changed in any manner which will result in CLEC's failure to meet the requirements of this Appendix, SBC KANSAS may terminate this Appendix and all licenses subject to this Appendix not less than 60 days after giving CLEC written notice of its intention to do so, and such termination shall be effective on the termination date specified in the notice unless CLEC has obtained (or made arrangements satisfactory to SBC KANSAS to obtain) the required coverage from another source. In the alternative, SBC KANSAS may, in its sole discretion, elect to take such action as may be necessary to keep the policy in effect with the required coverages.

ARTICLE 22: TERMINATION OF AGREEMENT OR LICENSES; REMEDIES FOR BREACHES

22.01 Termination of Appendix Due to Non-Use of Facilities. CLEC shall, by written notice to SBC KANSAS, terminate this Appendix if CLEC ceases to do business in this State, or ceases to make active use of SBC KANSAS' poles, ducts, conduits, and rights-of-way in this State.

22.02 Limitation, Termination, or Refusal of Access Due to Certain Material Breaches. CLEC's access to SBC KANSAS' poles, ducts, conduits, and rights-of-way will not materially interfere with or impair service over any facilities of SBC KANSAS or any joint user, cause material damage to SBC KANSAS' plant or the plant of any joint user, impair the privacy of communications carried over the facilities of SBC KANSAS or any joint user, or create serious hazards to health or safety of any persons working on, within, or in the vicinity of SBC KANSAS' poles, ducts, rights-of-way or to the public. Upon reasonable notice and opportunity to cure, SBC KANSAS may limit, terminate or refuse access if CLEC violates this provision; provided, however, that such limitation, termination or refusal will be limited to CLEC's access to poles, ducts, conduits, and rights-of-way located in the SBC KANSAS construction district in which the violation occurs, shall be as narrowly limited in time and geographic scope as may be necessary to enable CLEC to adopt suitable controls to prevent further violations, and shall be subject to review, at CLEC's request, pursuant to the dispute resolution procedures set forth in this Appendix (or, if applicable, the parties' Interconnection Agreement) or, as permitted by law, before any court, agency, or other tribunal having jurisdiction over the subject matter. In the event CLEC invokes dispute resolution procedures or seeks review before a court, agency, or other

tribunal having jurisdiction over the subject matter, the limitation, termination, or refusal of access may be stayed or suspended by agreement of the parties or by order of the tribunal having jurisdiction over the parties' dispute.

22.03 Notice and Opportunity to Cure Breach. In the event of any claimed breach of this Appendix by either party, the aggrieved party may give written notice of such claimed breach as provided in this section.

(a) The notice shall set forth in reasonable detail:

(1) the conduct or circumstances complained of, together with the complaining party's legal basis for asserting that a breach has occurred;

(2) the action believed necessary to cure the alleged breach; and

(3) any other matter the complaining party desires to include in the notice.

(b) Except as provided in Section 22.02 and subsection (c) of this section, the complaining party shall not be entitled to pursue any remedies available under this Appendix or relevant law unless such notice is given and (1) the breaching party fails to cure the breach within 30 days of such notice, if the breach is one which can be cured within 30 days, or (2) the breaching party fails to commence promptly and pursue diligently a cure of the breach, if the required cure is such that more than 30 days will be required to effect such cure; provided, however, that nothing contained in this section shall preclude either party from invoking the dispute resolution procedures set forth in Article 30 of this Appendix, or any complaint or dispute resolution procedures offered by the FCC or State Commission, at any time.

(c) Nothing contained in this section shall preclude either party from filing a complaint or bringing suit in any court, agency, or other tribunal of competent jurisdiction to restrain or enjoin any conduct of the other party which threatens the complaining party with irreparable injury, loss or damage without first giving the notice otherwise required by subsection (b).

ARTICLE 23: CONFIDENTIALITY OF INFORMATION

23.01 Information Provided by CLEC to SBC KANSAS. Except as otherwise specifically provided in this Appendix, all company-specific and customer-specific information submitted by CLEC to SBC KANSAS in connection with this Appendix (including but not limited to information submitted in connection with CLEC's applications for the assignment of pole attachment and occupancy space and for pole attachment and conduit occupancy licenses) shall be deemed to be "Confidential" or "Proprietary" information of CLEC and shall be subject to the terms set forth in this article. Confidential or Proprietary information specifically includes information or knowledge related to CLEC's review of records regarding a particular market area, or relating to assignment of space to CLEC in a particular market area, and further includes knowledge or information about the timing of CLEC's request for or review of records or its inquiry about SBC KANSAS facilities. This article does not limit the use by SBC KANSAS of aggregate information relating to the occupancy and use of SBC KANSAS' poles, ducts, conduits, and rights-of-way by firms other than SBC KANSAS(that is, information submitted by CLEC and aggregated by SBC KANSAS in a manner that does not directly or indirectly identify CLEC).

23.02 Access Limited to Persons with a Need to Know. Confidential or Proprietary information provided by CLEC to SBC KANSAS in connection with this Appendix shall not be disclosed to, shared with, or accessed by any person or persons (including but not limited to personnel involved in sales, marketing, competitive intelligence, competitive analysis, strategic planning, and similar activities) other than those who have a need to know such information for the limited purposes set forth in Sections 23.03 to 23.06.

23.03 Permitted Uses of CLEC's Confidential or Proprietary Information. SBC KANSAS and persons acting on SBC KANSAS' behalf, except for personnel involved in sales, marketing, competitive intelligence, competitive analysis, strategic planning, and similar activities, may utilize CLEC's Confidential or Proprietary information for the following purposes (a) posting information, as necessary, to SBC KANSAS' outside plant records; (b) placing, constructing, installing, operating, utilizing, maintaining, monitoring, inspecting, repairing, relocating, transferring, conveying, removing, or managing SBC KANSAS' poles, ducts, conduits, and rights-of-way and any SBC KANSAS facilities located on, within, or in the vicinity of such poles, ducts,

conduits, and rights-of-way; (c) performing SBC KANSAS' 3 obligations under this Appendix and similar agreements with third parties; (d) performing SBC KANSAS' general obligations to afford nondiscriminatory access to telecommunications carriers and cable television systems under the Pole Attachment Act; (e) determining which of SBC KANSAS' poles, ducts, conduits, and rights-of-way are (or may in the future be) available for SBC KANSAS' own use, and making planning, engineering, construction, and budgeting decisions relating to SBC KANSAS' poles, ducts, conduits, and rights-of-way; (f) preparing cost studies; (g) responding to regulatory requests for information; (h) maintaining SBC KANSAS' financial accounting records; and (i) complying with other legal requirements relating to poles, ducts, conduits, and rights-of-way.

23.04 Access by Third Parties. Information reflecting the assignment of pole attachment and conduit occupancy space to CLEC may be made available to personnel of third parties seeking access to SBC KANSAS' records under provisions, and subject to protections, equivalent to those contained in and required by Section 7.03 of this Appendix.

23.05 Defense of Claims. In the event of a dispute between SBC KANSAS and any person or entity, including CLEC, concerning SBC KANSAS' performance of this Appendix, satisfaction of obligations under similar agreements with third parties, compliance with the Pole Attachment Act, compliance with the Telecommunications Act of 1996, or compliance with other federal, state, or local laws, regulations, commission orders, and the like, SBC KANSAS may utilize Confidential or Proprietary information submitted by CLEC in connection with this Appendix as may be reasonable or necessary to demonstrate compliance, protect itself from allegations of wrongdoing, or comply with subpoenas, court orders, or reasonable discovery requests; provided, however, that SBC KANSAS shall not disclose CLEC's Proprietary or Confidential Information without first, at SBC KANSAS' option, (a) obtaining an agreed protective order or nondisclosure agreement that preserves the confidential and proprietary nature of the information; (b) seeking such a protective order as provided by law if no agreed protective order or nondisclosure agreement can be obtained; or (c) providing CLEC notice of the subpoena or order and the opportunity to protect the Proprietary or Confidential Information.

23.06 Response to Subpoenas, Court Orders, and Agency Orders. Nothing contained in this article shall be construed as precluding SBC KANSAS from complying with any subpoena, civil or criminal investigative demand, or other order issued or entered by a court or agency of competent jurisdiction; provided, however, that SBC KANSAS shall not disclose CLEC's proprietary or confidential information without first, at SBC KANSAS' option: (a) obtaining an agreed protective order or nondisclosure agreement that preserves the confidential and proprietary nature of CLEC's information; (b) seeking such a protective order as provided by law if no agreed protective order or nondisclosure agreement can be obtained; or (c) providing CLEC notice of the subpoena, demand, or order and an opportunity to take affirmative steps of its own to protect such proprietary or confidential information.

23.07 Other Uses of Confidential Information. No other uses of Confidential or Proprietary information received from CLEC pursuant to this Appendix are authorized or permitted without CLEC's express written consent.

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

SOUTHWESTERN BELL TELEPHONE, L.P. d/b/a SBC KANSAS
BY SBC OPERATIONS, INC., ITS AUTHORIZED AGENT

By: _____
Signature of SBC KANSAS' Authorized Officer/Employee:

_____
Name of SBC KANSAS' Authorized Officer/Employee (Printed or Typed)

_____
Position/Title of SBC KANSAS' Authorized Officer/Employee

_____
Date

CLEC

By: _____
Signature of CLEC's Authorized Officer/Employee

_____
Name of CLEC's Authorized Officer/Employee (Printed or Typed)

_____
Title of CLEC's Authorized Officer/Employee

_____
Date

EXHIBIT I

POLE AND CONDUIT ATTACHMENT RATES

SBC KANSAS may charge reasonable, cost based ancillary fees to recover administrative costs incurred in processing CLECs request for pole attachments and conduit space pursuant to SEC. 224 of the Telecommunications Act of 1996. The pole and conduit rates will be calculated using the FCC Rate formula on an annual basis as described in *47 C.F.R. 1.14.* These rates will be communicated to CLEC no later than November 1st for the succeeding year.

EXHIBIT II
IDENTIFICATION OF APPLICANT (KANSAS)

This Exhibit is an integral part of the Master Agreement for Access to Poles, Ducts, Conduits, and Rights-of-Way to which it is attached.

Applicant's legal name is: CLEC.

Applicant's principal place of business is located in the State of state.

Applicant does business under the following assumed names:

_____.

Applicant is:

[ ] a corporation organized under the laws of the State of _____, charter no. _____;

[ ] a partnership organized under the laws of the State of _____; or

[ ] another entity, as follows:

_____.

Applicant represents that Applicant is:

[ ] (1) a cable system (as defined in 47 U.S.C. §§ 153(37) and 522(7)) seeking a pole attachment or conduit occupancy license solely to provide cable service (as defined in 47 U.S.C. § 522(6);

[ ] (2) a telecommunications carrier, as defined in 47 U.S.C. § 153(49), as modified by 47 U.S.C. § 224; or

[ ] (3) a person or entity which is neither (1) nor (2) above, as follows:

EXHIBIT III
ADMINISTRATIVE FORMS AND NOTICES (KANSAS)

This Exhibit is an integral part of the Master Agreement for Access to Poles, Ducts, Conduits, and Rights-of-Way to which it is attached and contains administrative forms referred to in the Master Agreement or used in connection with the provision of access to SBC KANSAS' poles, ducts, conduits, and rights-of-way. The forms are forms presently in use and have not been fully conformed to the Master Agreement. The forms may be further revised by SBC KANSAS to conform to the Master Agreement and revised from time to time to reflect changes in the applicable law, changes in the Master Agreement, and changes in the procedures through which access to poles, ducts, conduits, and rights-of-way is afforded by SBC KANSAS to CLEC and others.

SW-9433:	Pole Attachments
SW-9434:	Access Application and Make-Ready Authorization
SW-9435:	Conduit Occupancy
SW-9436A:	Notification of Surrender or Modification of Pole Attachment License by Licensee
SW-9436B:	Notification of Surrender or Modification of Conduit Occupancy License by Applicant
SW-9436C:	Notification of Unauthorized Attachments by Applicant

EXHIBIT IV
INSURANCE REQUIREMENTS (KANSAS)

This Exhibit is an integral part of the Master Agreement for Access to Poles, Ducts, Conduits, and Rights-of-Way to which it is attached.

1) Premises. As used in this Exhibit, the term "premises" refers to any site located on, within, or in the vicinity of SBC KANSAS' poles, ducts, conduits, or rights-of-way and any location where CLEC or any person acting on CLEC's behalf may be physically present while traveling to or departing from any such site.

2) Requirements Applicable to CLEC and All Persons and Entities Acting on CLEC's Behalf. CLEC shall maintain, at all times during the term of this Agreement, all insurance and coverages set forth below. Such insurance and coverages shall not only cover CLEC but all contractors, subcontractors, and other persons or entities acting on CLEC's behalf at the premises described in 1) above. CLEC should require that all contractors, subcontractors, and other persons or entities acting on CLEC's behalf at premises described in 1) above obtain the same insurance and coverages.

3) Workers' Compensation Insurance. CLEC shall maintain, at all times during the term of the Agreement, Workers' Compensation Insurance and Employer's Liability Insurance with minimum limits of $100,000 for bodily injury-each accident, $100,000 for bodily injury by disease-each employee, and $500,000 for bodily injury by disease-policy limits, for all employees performing work or otherwise present on the premises described in 1) above. Such insurance must comply with the Workers' Compensation laws of this State and shall provide coverage, at a minimum, for all benefits required by such Worker's Compensation laws. CLEC shall require any contractor, subcontractor, or other person or entity acting on CLEC's behalf to provide Workers' Compensation Insurance and Employer's Liability Insurance for their respective employees unless such employees are covered by the protection afforded by CLEC.

4) General Liability Insurance. To protect SBC KANSAS from any liability for bodily injury or property damage, CLEC shall maintain, at all times during the term of the Master Agreement, General Liability insurance satisfactory to SBC KANSAS. SBC KANSAS shall be added as an additional insured in the standard policy or an endorsement thereto. CLEC shall also require any contractor, subcontractor, or other person or entity acting on CLEC's behalf to provide General Liability coverage with the same limits and with SBC KANSAS added as an additional insured unless such contractor, subcontractor, or other person or entity is covered by the General Liability protection afforded by CLEC.

   a) The following coverages must be included in (and may not be excluded from) the policy or policies obtained to satisfy the General Liability insurance requirements of CLEC and any contractor, subcontractor, or other person or entity acting on CLEC's behalf. The coverages may be provided by the standard policy or endorsements thereto. Exclusion endorsements deleting these coverages will not be accepted.

      1) Personal Injury and Advertising Injury coverage.

      2) Premises/Operations coverage, including also coverage for any newly acquired ownership or controlled premises or operations.

      3) Independent Contractors coverage to provide protection for CLEC's contractors, subcontractors, and other persons or entities acting on CLEC's behalf.

      4) Explosion, Collapse, and Underground Hazard (XCU) coverage.

      5) Completed Operations coverage providing for bodily injury and property damage liabilities which may occur once the operations have been completed or abandoned.

      6) Contractual Liability coverage to provide financial responsibility for CLEC to meet its indemnification obligations.

      7) Broad Form Property Damage (BFPD) coverage for damage to property in the care or custody of CLEC and damage to work performed by or on behalf of CLEC.

b) Minimum policy limits shall be as follows:

General Aggregate Limit: $2,000,000.

Sublimit for all bodily injury, property damages, or medical expenses incurred in any one occurrence: $1,000,000.

Sublimit for personal injury and advertising: $1,000,000.

Products/Operations Aggregate Limit: $1,000,000.

Each occurrence sublimit for Products/Operations: $1,000,000.

c) No coverage shall be deleted from the standard policy without notification of individual exclusions being attached for review and acceptance.

d) Policy language or endorsements adding SBC KANSAS as an additional insured shall not include exclusions or exceptions which defeat the purpose of protecting SBC KANSAS from any liability for bodily injury or property damage arising out of CLEC's operations.

5) Automobile Liability Insurance. The parties contemplate that CLEC and personnel acting on CLEC's behalf will utilize automobiles, trucks, and other motor vehicles on public and private property, including public rights-of-way, in the vicinity of SBC KANSAS' poles, ducts, conduits, and rights-of-way. Accordingly, CLEC shall maintain, at all times during the term of the Agreement, Automobile Liability insurance with minimum limits of $1,000,000 combined single limits per occurrence for bodily injury and property damage which may arise out of the operation or use of motor vehicles of any type. Coverage shall extend to "any auto" -- that is, coverage shall be extended to all owned, non-owned, and hired vehicles used by CLEC or by any person or entity acting on CLEC's behalf in connection with any work performed, or to be performed, on, within, or in the vicinity of SBC KANSAS' poles, ducts, conduits, or rights-of-way.

6) Layering of General Liability and Automobile Liability coverages. CLEC's insurance may be written via a primary policy with either an excess or umbrella form over the primary policy. If coverage is written in this manner, the total of the combined policy limits must meet or exceed the minimum limits specified in the Agreement.

7) Deductibles. No deductibles shall be allowed without the express written consent of SBC KANSAS.

8) Claims Made Policies. Claims Made Policies will not be accepted.

9) Proof of Insurance. Certificates of Insurance stating the types of insurance and policy limits provided the insured, or other proof of insurance satisfactory to SBC KANSAS, must be received by SBC KANSAS prior to the issuance of any licenses pursuant to the Agreement and before CLEC or any person acting on CLEC's behalf performs any work on the premises described in 1) above.

a) Certificates of Insurance using the insurance industry standard ACORD form are preferred.

b) Certificates provided with respect to General Liability policies and certificates provided with respect to Automobile Liability policies shall indicate SBC KANSAS as an Additional Insured.

c) Deductibles, if permitted, shall be listed on the Certificate of Insurance.

d) The cancellation clause on the certificate of insurance shall be amended to read as follows:

"SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED OR MATERIALLY CHANGED BEFORE THE EXPIRATION DATE, THE ISSUING COMPANY WILL MAIL 30 DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT."

A certificate which does not include the phrase "or materially changed" does not meet SBC KANSAS' requirements. A certificate reciting that the issuing company will "endeavor to" mail 30 days written notice to the certificate holder does not meet SBC KANSAS' requirements. The

language "but failure to mail such notice shall impose no obligation or liability of any kind upon the company, its agents, or representatives" or similar language must be deleted from the certificate.

e) The certificate holder shall be: Make

Southwestern Bell Telephone< L.P.
Attention: Structure Access Manager
5305 E 71st St
Floor 1
Tulsa, OK 74136
(918) 596-6873

f) Failure to object to any coverage described in a certificate shall not constitute written permission from SBC KANSAS to any variance from or alteration of any requirement set forth in this Exhibit and shall not be construed as a waiver by SBC KANSAS of any rights under the Agreement.

10) Rating of Insurers. SBC KANSAS requires that companies affording insurance coverage have a B+VII or better rating, as rated in the current A.M. Best Key Rating Guide for Property and Casualty Insurance Companies.

11) Self-insurance. If authorized in the Master Agreement, self-insurance shall be allowed in lieu of the above requirements upon CLEC's submission of proof that it has met the self-insurance requirements stated in the Master Agreement.

EXHIBIT V
NONDISCLOSURE AGREEMENT (KANSAS)

Nondisclosure Agreement (SBC KANSAS Pole, Duct, Conduit, and Right-of-Way)

This Nondisclosure Agreement, effective as of the ___ day of _____, 20__, has been entered into by and between Southwestern Bell Telephone, L.P. ("SBC KANSAS"), a Texas corporation, and the undersigned person or firm ("Recipient") as a condition of access to certain records and information maintained by SBC KANSAS. The parties stipulate and agree as follows:

1) SBC KANSAS maintains records and information, including but not limited to outside plant engineering and construction records, which relate to poles, ducts, conduits, and rights-of-way which SBC KANSAS owns or controls. SBC KANSAS represents that such records and information are not made generally available for inspection or copying by the public and include business, economic, and engineering information (including but not limited to plans, designs, maps, diagrams, cable counts and cable-specific information, circuit records, and other competitively sensitive information) which SBC KANSAS intends to keep secret and which has economic value by virtue of not being generally known to or readily ascertainable by the public, including SBC KANSAS' competitors.

2) SBC KANSAS has agreed to make certain of its records and information relating to poles, ducts, conduits, and rights-of-way available to cable television systems and telecommunications carriers who are presently entitled under federal law to have access to the poles, ducts, conduits, and rights-of-way owned or controlled by SBC KANSAS.

3) Recipient represents that Recipient is a cable television system or telecommunications carrier entitled under federal law to access to poles, ducts, conduits, and rights-of-way owned or controlled by SBC KANSAS, or, if an individual, that he or she is acting on behalf of _____, which is such a cable television system or telecommunications carrier. Recipient further represents that Recipient is seeking access to SBC KANSAS' records and information relating to poles, ducts, conduits, and rights-of-way for the limited purpose of enabling engineering and construction personnel employed by or acting on behalf of such cable television system or telecommunications carrier to make engineering and construction decisions necessary to utilize SBC KANSAS' poles, ducts, conduits, and rights-of-way.

4) SBC KANSAS agrees that permitted uses of records and information concerning SBC KANSAS' poles, ducts, conduits, and rights-of-way are (a) determining which poles, ducts, conduits, and rights-of-way owned or controlled by SBC KANSAS are available for use by such cable television systems or telecommunications carriers as permitted by federal law, (b) designing, engineering, constructing, installing, maintaining, and removing equipment which is to be attached to or placed within such poles, ducts, conduits, and rights-of-way, and (c) contesting decisions, if any, by SBC KANSAS not to provide access to such poles, ducts, conduits, and rights-of-way as requested. No other uses of such records or information are authorized or permitted under this Agreement.

5) Recipient agrees that Recipient will not use, or permit any other person or entity to use or have access to SBC KANSAS' records and information relating to poles, ducts, conduits, or rights-of-way or information for any purpose other than the limited purposes stated in 4) above and that such records and information shall not be disclosed or shared with any person or persons other than those who have a need to know such information for such limited purposes. Recipient specifically agrees that such records and information shall not be used or accessed by any person involved in sales, marketing, competitive intelligence, competitive analysis, strategic planning, and similar activities. Recipient further agrees that Recipient shall not furnish copies of such records or disclose information contained in such records to any person or entity which has not executed and delivered to SBC KANSAS a counterpart of this Agreement prior to receipt of such copies or information.

6) Recipient agrees that Recipient will not without SBC KANSAS' express written authorization copy, duplicate, sketch, draw, photograph, download, photocopy, scan, replicate, transmit, deliver, send, mail, communicate, or convey any of SBC KANSAS' records relating to poles, ducts, conduits, or rights-of-way. Recipient

further agrees that Recipient will not conceal, alter, or destroy any SBC KANSAS records furnished to Recipient pursuant to this Agreement.

7) Notwithstanding the provisions of 6) above, and except as provided in 8) below, Recipient may copy, take notes from, make, and use (for the limited purposes specified herein) drawings with reference to the following records provided by SBC KANSAS to Recipient for inspection: pole and conduit route maps, cable plat maps, and plant location records reflecting approximate locations of SBC KANSAS' existing poles, ducts, conduits, and rights-of-way. All such copies, notes, and drawings (whether in hardcopy or electronic form) shall be marked with the legend: "PROPRIETARY INFORMATION: NOT FOR USE BY OR DISCLOSURE TO ANY PERSON WHO HAS NOT EXECUTED A NONDISCLOSURE AGREEMENT (SBC KANSAS POLE, DUCT, CONDUIT, AND RIGHT-OF-WAY)."

8) No references to cable counts, cable designations or cable-specific information, circuit information, or customer-specific information of any kind may be included in any copies, notes, or drawings made pursuant to 7) above; provided, however, that Recipient may make estimates regarding the physical characteristics (such as size and weight) of the cables being surveyed when necessary to make engineering determinations regarding the capacity, safety, reliability, or suitability of SBC KANSAS' poles, ducts, conduits, or rights-of-way for Recipient/Applicant's intended uses.

9) All records and information relating to poles, ducts, conduits, and rights-of-way provided to Recipient/Applicant by SBC KANSAS (whether in writing, orally, or in electronic or other formats) shall be deemed to be proprietary information subject to this Agreement without regard to whether such information, at the time of disclosure, has been marked with restrictive notations such as "Proprietary," "Restricted Proprietary," "Confidential," "Not to Be Copied or Reproduced," or the like.

10) This Agreement applies only to records and information provided to Recipient by SBC KANSAS and does not apply to records and information obtained by Recipient from other lawful sources.

11) This Agreement does not prohibit the disclosure of records or information in response to subpoenas and/or orders of a governmental agency or court of competent jurisdiction. In the event Recipient receives an agency or court subpoena requiring such disclosure, Recipient shall immediately, and in no event later than five calendar days after receipt, notify SBC KANSAS in writing.

12) The Parties agree that, in the event of a breach or threatened breach of this Agreement, SBC KANSAS may seek any and all relief available in law or in equity as a remedy for such breach, including but not limited to monetary damages, specific performance, and injunctive relief. The Parties acknowledge that SBC KANSAS' records and information relating to poles, ducts, conduits, and rights-of-way include valuable and unique information and that disclosure of such information (including circuit information) will result in irreparable injury to SBC KANSAS. In the event of any breach of this Agreement for which legal or equitable relief is sought, SBC KANSAS shall be entitled to recover from Recipient all reasonable attorney's fees and other reasonable costs (including but not limited to fees of expert witnesses) incurred by SBC KANSAS in connection with the prosecution of its claims against Recipient.

13) This Agreement shall be effective on the effective date shown above and shall remain in full force and effect until terminated by either party as provided herein. Either party may, at any time, with or without cause, terminate this Agreement by giving the other party 60 days' advance written notice of its decision to terminate. The parties further agree that termination of this Agreement shall have no effect on the duty of any person or entity, including Recipient, to abide by all terms of this Agreement with respect to records and information received by Recipient while this Agreement is in effect.

14) This Agreement shall benefit and be binding on the parties below and their respective heirs, successors, and assigns.

15) This Agreement will be governed by the laws of the State of Kansas.

16) This Agreement sets forth the entire agreement and understanding between the parties with respect to the subject matter hereof, and none of the terms of this Agreement may be amended or modified except by written instrument signed by both parties.

IN WITNESS WHEREOF, the parties hereto have executed this Agreement, or caused this Agreement to be executed by their duly authorized representatives, in duplicate, as of the dates set forth below.

CLEC Coalition	Southwestern Bell Telephone, L.P. d/b/a SBC Kansas by SBC Operations, Inc., its authorized agent
By _____ Signature of Recipient or Representative	By _____ Signature
_____ Name (Printed or Typed)	_____ Name (Printed or Typed)
_____ Address	_____ Address
_____ City, State, and Zip Code	_____ City, State, and Zip Code
_____ Phone	_____ Phone
_____ Date	_____ Date

EXHIBIT VI
NOTICES TO CLEC
(KANSAS)

This Exhibit is an integral part of the Master Agreement for Access to Poles, Ducts, Conduits, and Rights-of-Way to which it is attached. Notices to be sent to the CLEC include, but are not limited to, notices under the following provisions of the Master Agreement.

4.03(a)	No Effect on SBC KANSAS' Right to Abandon, Convey or Transfer Poles, Ducts, Conduits, or Rights-of-Way.
8.XX	All Notifications in Article 8
9.XX	All Notifications in Article 9
10.05(a)	Make-Ready Work
17.02 (b)	Removal of Untagged or Unauthorized Facilities
17.02 (c)	Removal of Untagged or Unauthorized Facilities
17.02 (d)	Removal of Untagged or Unauthorized Facilities
18.06	Notice of SBC KANSAS' Intent to Remove Facilities
21.04	Failure to Obtain or Maintain Coverage
22.02	Limitation, Termination, or Refusal of Access Due to Certain Material Breaches

EXHIBIT VII
NOTICES TO SBC KANSAS
(KANSAS)

This Exhibit is an integral part of the Master Agreement for Access to Poles, Ducts, Conduits, and Rights-of-Way to which it is attached.

Structure Access Manager). Except as otherwise stated in this Exhibit, all notices to SBC KANSAS shall be given to the Structure Access Manager designated in EXHIBIT VIII of the Master Agreement. The Structure Access Manager is generally responsible for coordinating applications for access to SBC KANSAS' poles, ducts, conduits, and rights-of-way and serving as CLEC's initial point of contact for matters arising out of or in connection with the administration of the Master Agreement. Notices to the Structure Access Manager shall be given in writing in the manner prescribed in Section 29.02. Notices to be sent to the Structure Access Manager include, but are not limited to, notices under the following provisions of the Master Agreement.

7.01	Designation of Primary Points of Contact
7.03(a)	Access to Records Relating to SBC KANSAS' Poles, Ducts, Conduits, and Rights-of-Way
8.XX	All Notifications in Article 8
9.XX	All Notifications in Article 9
10.05(e)	Make-Ready Work
12.03(d)	Installation of Drive Rings and J-Hooks
12.04	Short-term Use of Maintenance Ducts for Repair and Maintenance Activities
12.06	Information Concerning the Maintenance of CLEC's Facilities
13.01	Notification of Planned Modifications
14.02(c)	Rearrangement of CLEC's Facilities at SBC KANSAS' Request
15.02(b)	Responsibility for Emergency Repairs; Access to Maintenance Duct
15.03	Designation of Emergency Repair Coordinators and Other Information
16.01	SBC KANSAS' Right to Make Periodic or Spot Inspections
17.02(c)	Removal of Untagged or Unauthorized Facilities
18.01(a)	Responsibility for Removing Facilities
18.01(e)	Responsibility for Removing Facilities
20.01(c)	Bond May Be Required
22.01	Termination of Appendix Due to Non-Use of Facilities
22.03	Notice and Opportunity to Cure Breach

Other notices. The following notices may be given orally or in writing (including fax) and shall be given to SBC KANSAS' Local Service Center (LSC) at 1-888-344-9101 instead of the Structure Access Manager.

6.05(a)	Additional Electrical Design Specifications: Conduit - Notifications relating to electrical interference
6.09(h)	General Requirements Relating to Personnel, Equipment, Materials, and Public Safety - Notifications of unsafe conditions
6.11(a)	Opening of Manholes and Access to Conduit - Notification of manhole entry

6.13(c) Environmental Contaminants in SBC KANSAS' Conduit System - Notification of environmental contaminants

15.04 Reporting of Conditions Requiring Emergency Repairs - Notification of conditions requiring emergency repair

15.06(a) Unilateral Corrective Action - Notification of performing corrective work on emergency repair. (advanced notice)

15.06(b) Unilateral Corrective Action - Notification of performing corrective work on emergency repair. (no advanced notice)

Additional information and questions concerning notice requirements. The Structure Access Manager, as CLEC's initial point of contact, will provide additional information to CLEC concerning notification procedures for notices to be given to LSPC. Questions to SBC KANSAS concerning notice requirements should be directed to the Structure Access Manager. The Structure Access Manager is not authorized to provide CLEC legal advice with respect to notice requirements. Questions by CLEC's personnel and other persons acting on CLEC's behalf concerning CLEC's legal obligations should be directed to CLEC's legal counsel or such other personnel as CLEC may direct.

Changes in notice requirements. Changes in the notice requirements set forth in this Exhibit may be made by SBC KANSAS from time to time in accordance with the provisions of Section 29.03 of the Master Agreement.

EXHIBIT VIII
IDENTIFICATION OF UTILITY LIAISON SUPERVISOR
(KANSAS)

This Exhibit is an integral part of the Master Agreement for Access to Poles, Ducts, Conduits, and Rights-of-Way to which it is attached.

The Utility Liaison Supervisor for Kansas is named below. Notices to the Utility Liaison Supervisor should be addressed as follow:

Title: Structure Access Manager

Firm: SBC KANSAS

Address: 5305 E 71st

City/State/Zip: Tulsa, OK 74136

Telephone Number: (918) 596-6873

Southwestern Bell Telephone

Retention Period: Active, Plus 5 Years

PRE-OCCUPANCY POLE ATTACHMENTS SURVEY

Page _____ Of _____

FIRM'S NAME: _____

AGREEMENT NO: _____ **TYPE:** _____

APPLICATION NO: _____ **Wire Center** _____ **(CATV, Telecom, Other)**

Item #	Record #	Pole #	Ownership SWBT or Power	Street Address	Proposed Attachment Height	Guy Req'd Y or N	Make Ready Work Y or N	Make Ready Description	Pole Mntd Apparatus Height
1									
2									
3									
4									
5									
6									
7									
8									
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
	TOTAL								

Number of Cables _____

Weight/per ft. and Size/ O.D. _____

Number and Types of Strands _____

Other Notes: _____

SIGNED: _____ **DATE:** _____

SWBT's Representative **TIME:** _____

SIGNED: _____ **DATE:** _____

Applicant's Representative **TIME:** _____

☐ **Official File Copy, If Checked in Red**

SW-9433

Southwestern Bell Telephone
Retention Period: Active, plus 5 years

Access Application and Make Ready Authorization

(Request for Access to Poles, Ducts, Conduit)

Name of Applicant _____
Agreement No. _____
Application No. _____

Assignment/Access/Occupancy

As specified in the attached documents, and in accordance with the terms and conditions of the Master Agreement between SWBT and Applicant; application is hereby made for occupancy of space through a nonexclusive license of communication facilities to access the quantity of SWBT facilities indicated below:

_____ **SWBT Poles** _____ **Feet SWBT Whole Duct** _____ **Feet SWBT Innerduct**

Applicant authorizes SWBT to perform the required pre-licensing survey including any field inspections required to evaluate capacity, safety, reliability, and engineering standards; and to determine the cost, if any, of required modifications or make-ready work.

Effective Date _____ Assignment Expiration Date _____

Applicant's Estimated Construction Start Date: _____

Applicant's Estimated Construction Completion Date: _____

Authorized by Applicant: _____ _____
Signature Title

Date: _____

Make-Ready Work

Estimated Costs	Hours			Rate		Total
Constr. Labor	_____	X	$	_____		$ _____
Material	xxx	X	$	xxx		$ _____
Engr. Design	_____	X	$	_____		$ _____
TOTAL						$ _____

Estimated SWBT Completion Date _____

☐ No Make-Ready Work Required.

☐ Make-Ready Work will be completed by applicant's authorized contractor.

☐ I authorize SWBT to complete the required make-ready work. Costs will be based upon actual costs incurred by SWBT.

_____ Date _____
Applicant's Signature Title

LICENSE NO. _____ Authorized by SWBT: _____
Signature Title

DATE: _____

☐Official File Copy, If Checked in Red SW-9434

Southwestern Bell Telephone

Retention Period: Active, Plus 5 Years

PRE-OCCUPANCY CONDUIT SURVEY

FIRM'S NAME: _____

AGREEMENT NO: _____ **TYPE:** _____

APPLICATION NO: _____ **Wire Center** _____ **(CATV, Telecom, Other)**

Item #	Oper. #	Record #	Manhole #	Street Address	Distance to Next Manhole (Ctr to Ctr)	Proposed Duct or Innerduct	Make Ready Work Y or N	Make Ready Description
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
TOTAL					0			

Number of Cables _____

Size of Cable (O.D. Inches) _____

Splice Information Manhole # _____ **Details** _____

Splice Information Manhole # _____ **Details** _____

Slack Loop Information Manhole # _____ **Details** _____

Slack Loop Information Manhole # _____ **Details** _____

SIGNED: _____ **DATE:** _____

SWBT's Representative **TIME:** _____

SIGNED: _____ **DATE:** _____

Applicant's Representative **TIME:** _____

☐ Official File Copy, If Checked in Red

SW-9435

Southwestern Bell Telephone

SW-9436A
(Rev. 5-89)
Ref: 002-011-900SW

NOTIFICATION OF SURRENDER OR MODIFICATION OF POLE ATTACHMENT LICENSE BY LICENSEE

Page _____ of _____

Southwestern Bell Telephone Company:

In accordance with the terms and conditions of the Licensee Agreement between us, dated _____, _____ notice is hereby given that the licenses covering attachments to the following poles and/or anchors and/or utilization of anchor/guy strand is surrendered (or modified as indicated in Licensee's prior notification to Licensor, dated _____, _____) effective _____.

	POLE NO.	ANCHOR A/GS (ASSOC. POLE. NO.)	LIC. NO. & DATE	SURRENDER OR MODIFICATION	DATE FAC. RMVD. OR MODIFIED
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					

Date Notification Received: _____
Date Modification Accepted: _____
By: _____

Discontinued:
Poles: _____
Anchors: _____
Anchor/Guy Strands: _____

_____
Name of Licensee

By: _____

Title: _____

☐ Official File Copy, If Checked in Red

Southwestern Bell Telephone

NOTIFICATION OF SURRENDER OR MODIFICATION OF CONDUIT OCCUPANCY LICENSE BY APPLICANT

License Agreement #: _____

_____
(Applicant)

_____
(Address)

In accordance with the terms and conditions of the Licensing Agreement between us, dated _____, _____ notice is hereby given that the licenses covering occupancy of the following conduit are surrendered (or modified as indicated in Applicant's prior notification to SWBT, dated _____, _____) effective _____.

	CONDUIT LOCATION	LIC. NO. & DATE	SURRENDER OR MODIFICATION	DATE FAC./TAGS RMVD. OR MODIFIED
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				

SWBT

Date Notification Received: _____

Date Modification Accepted: _____

By: _____

Discontinued: _____

Total Duct Footage: _____

_____
(Applicant)

By: _____
(Name of Authorized Agent)

Title: _____
(Title of Authorized Agent)

☐ Official File Copy If Checked in Red

SW-9436B
(Rev. 6-96)

Southwestern Bell Telephone

NOTIFICATION OF UNAUTHORIZED ATTACHMENTS BY APPLICANT

Applicant Name: _____

In accordance with the terms and conditions of the Licensee Agreement between us, dated _____, _____ notice is hereby given that the license covering attachments to the following is unauthorized (as indicated in Applicant's prior lease agreement to SWBT, dated _____, _____,) effective _____.

Southwestern Bell Telephone

By: _____

Title: _____

	POLE NO. OR CONDUIT #	LOCATION (ASSOC. POLE NO.) MANHOLES Involved	LIC. NO. & DATE	UNAUTHORIZED ATTACHMENT	DATE FAC. RMVD. OR MODIFIED
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					

SKETCH OF UNAUTHORIZED ATTACHMENTS ATTACHED ☐

Date Notification Sent: _____

_____
Name of Applicant

By: _____

Title: _____

Ref: SW002-011-900

SW-9436C
(Rev. 6-96)

ATTACHMENT 14: PERMANENT NUMBER PORTABILITY

1.0 PROVISION OF LOCAL NUMBER PORTABILITY

1.1 SBC KANSAS and CLEC shall provide to each other, on a reciprocal basis, number portability in accordance with requirements of the Act.

2.0 LOCATION ROUTING NUMBER - PERMANENT NUMBER PORTABILITY (LRN-PNP)

2.1 SBC KANSAS and CLEC shall work to implement the LRN-PNP solution in accordance with the relevant FCC rulings and NANC (North American Numbering Council) guidelines.

2.2 Requirements for LRN-PNP

2.2.1 The Parties agree that the industry has established local routing number (LRN) technology as the method by which permanent number portability (PNP) will be provided in response to FCC Orders in FCC 95-116 (i.e., First Report and Order and subsequent Orders issued to the date this agreement was signed). As such, the parties agree to provide PNP via LRN to each other as required by such FCC Orders or Industry agreed upon practices.

2.2.2 LRN-PNP employs an "N-1" Query Methodology.

2.2.2.1 For interLATA or intraLATA toll calls, the originating carrier will pass the call to the appropriate toll carrier who will perform a query to an external routing database and efficiently route the call to the appropriate terminating local carrier either directly or through an access tandem office. Where one carrier is the originating local service provider (LSP) and the other is the designated toll carrier, the originating LSP will not query toll calls delivered to the toll carrier or charge the toll carrier for such queries.

2.2.2.2 For a local call to a ported number, the originating carrier is the "N-1" carrier. It will perform an external database query and pass the call to the appropriate terminating carrier.

2.2.3 For local calls to an NXX in which at least one number has been ported via LRN-PNP at the request of a CLEC, the Party originating the call shall be responsible to query an LRN-PNP database or to pay for another Party to query this database as soon as the call reaches the first LRN-PNP-capable switch in the call path. The Party originating the call shall query on a local call to an NXX in which at least one number has been ported via LRN-PNP prior to any attempts to route the call to any other switch. Prior to the first number in an NXX being ported via LRN-PNP at the request of a CLEC, SBC KANSAS may query all calls directed to that NXX, subject to the billing provisions of Section 4.1, and provided that SBC KANSAS' queries shall not adversely affect the quality of service to CLEC's customers or end-users as compared to the service SBC KANSAS provides its own customers and end-users.

2.2.4 A Party shall be charged for an LRN-PNP query by the other Party only if the Party to be charged is the N-1 carrier and it was obligated to perform the LRN-PNP query but failed to do so. The only exception will be if the FCC rules (Docket No. 95-116) that the terminating carrier may charge the N-1 carrier for queries initiated before the first number is ported in an NXX.

2.2.5 On calls originating from a Party's network, the Party will populate, if technically feasible, the Jurisdiction Information Parameter (JIP) with the first six digits of the originating LRN in the Initial Address Message.

2.3 SMS Administration

SBC KANSAS and CLEC shall cooperate to facilitate the expeditious deployment of LRN-PNP based LNP through the process prescribed in the documents referenced in Section 2.1 of this Attachment including, but not limited to development of SMS, as well as SMS testing for effective procedures, electronic system interfaces, and overall readiness for use consistent with that specified for Provisioning in this Agreement.

2.4 Ordering

2.4.1 Porting of numbers with PNP will be initiated via Local Service Requests (LSR) based on Ordering and Billing Forum (OBF) recommendations.

2.4.2 Both Parties agree to provide a Firm Order Confirmation (FOC) within Industry defined time frames when an LSR is sent to one Party by the other Party

2.4.3 For the purposes of this Attachment, the parties may use a project management approach for the implementation of LSRs for large quantities of ported numbers or for complex porting processes. With regard to such managed projects ("projects"), the parties may negotiate implementation details such as, but not limited to: Due Date, Cutover Intervals and Times, Coordination of Technical Resources, and Completion Notice.

3.0 REQUIREMENTS FOR PNP

3.1 Cut-Over Process

3.1.1 SBC KANSAS and CLEC shall cooperate in the process of porting numbers to minimize ported subscriber out-of-service time. For cutover to LRN-PNP, both SBC KANSAS and CLEC agree to update their switch translations, where necessary, after notification that physical cut-over has been completed (or initiated), as close to the requested time as possible, not to exceed 59 minutes for non-coordinated orders or as otherwise agreed to by the parties for coordinated orders or on a project specific basis.

3.1.2 SBC KANSAS and CLEC shall cooperate in the process of porting numbers from one carrier to another so as to limit service outage for the ported subscriber. SBC KANSAS and CLEC will use their best efforts to update their respective Local Service Management Systems (LSMS) from the NPAC SMS data within 15 minutes after receipt of a download from the NPAC SMS (the current North American Numbering Council goal for such updating).

3.1.3 If a Party, by its own error, disconnects the end user, that Party may not assess fees on the other Party or assess a charge to the end user to reconnect service.

3.1.4 At the time of porting a number via LRN-PNP, the Party from which the number is being ported shall insure that the LIDB entry for that number is deprovisioned.

3.1.5 The Parties will remove (as close to the requested time as possible, not to exceed 59 minutes for non-coordinated orders or as otherwise agreed to by the parties for coordinated orders or on a project specific basis.) a ported number from the end office from which the number is being ported, as coordinated by the Parties' respective technicians. The 59 minute period shall commence upon the Frame Due Time (FDT) shown on the receiving party's LSR, or as otherwise negotiated by the parties on a project basis, unless the unconditional PNP (10-digit) trigger is set. The parties recognize that it is in the best interest of the consumer for this removal to be completed in the most expedient manner possible. Therefore, SBC KANSAS and CLEC agree that a 30 minute interval is a goal towards which both companies will work, however both CLEC and SBC KANSAS recognize that there will be instances where the interval may be up to 59 minutes. If the unconditional PNP trigger is set, the ported number must be removed at the same time that the unconditional PNP trigger is removed.

3.1.6 The Party from whom a number is porting will set the 10-digit trigger at the other Party's request, either on an individual customer basis or for all customers, at the option of the requesting Party.

3.2 Obligations of Parties

3.2.1 When CLEC requests that an NXX in an LRN capable SBC KANSAS switch become portable, the Parties shall follow the industry standard LERG procedure.

3.2.2 The Parties shall adhere to SBC KANSAS Local Service Request (LSR) format and PNP due date intervals.

3.3 If Integrated Services Digital Network User Part (ISUP) signaling is used, both parties shall provide, if technically feasible, the Jurisdiction Information Parameter (JIP) in the SS7 Initial Address Message (IAM).

(See Generic Switching and Signaling Requirements for Number Portability, Issue 1.0, February 12, 1996 [Editor – Lucent Technologies, Inc.])

3.4 Limitations of Service

3.4.1 Neither Party shall be required to provide number portability for excluded numbers defined by FCC orders, as updated from time to time, e.g., 500 NPAs, 900 NPAs, 950 and 976 NXX number services, OCS NXXs (i.e., numbers used internally by either Party for its business purposes), and others as excluded by FCC rulings issued from time to time) under this Agreement. The term "Official Communications Service (OCS)" means the internal telephone numbers used by SBC KANSAS or CLEC.

3.4.2 Telephone numbers can be ported as a basic network offering only within SBC KANSAS rate centers as approved by the State Commission. "Porting within rate centers" refers to the physical location of the end user. If the end user changes his physical location from one rate center to another, he may not retain his telephone number (which indicates the old rate center) as a basic network (non FX) offering. An end user may retain his phone number assignment when moving from one rate center to another by receiving tariffed FX service from his new service provider or by the use of a Tariffed "Remote Call Forwarding" offering from his new service provider. The term "FX" in this attachment refers to number assignments and moves outside of rate centers, and is different from the term "FX" in the Compensation attachment which refers number assignments and moves outside of a mandatory local calling area.

3.5 Mass Calling

3.5.1 Both SBC KANSAS and CLEC are required to offer number portability of telephone numbers with "choke" (i.e., mass calling) NXXs in a manner that complies with the FCC's criteria.

3.5.2 SBC KANSAS will provide mass calling code portability using a non-LRN solution as specified below.

3.5.3 Service Provided

3.5.3.1 SBC KANSAS will offer the ability to port telephone numbers with mass calling NXX codes via the use of pseudo codes or route index numbers. In this non-LRN scenario, calls to the SBC KANSAS mass calling NXX code will leave the originating end office over dedicated MF (multi-frequency) trunk groups to the SBC KANSAS mass calling tandem mass calling hub. The mass calling tandem will then route the calls over dedicated MF trunks to the SBC KANSAS choke serving central office (CSO). The CSO will translate the dialed mass calling number to a non-dialable pseudo code or a route index number that routes the call to the mass calling customer.

3.5.3.2 When a CLEC requests that a SBC KANSAS number with a mass calling NXX code be ported to its network, SBC KANSAS will build translations at the CSO to route the incoming calls to a CLEC provided dedicated Direct Inward Dial (DID) MF trunk group from the CSO to the CLEC central office.

3.5.3.3 SBC KANSAS will not charge the CLEC for the use of its choke network by the CLEC's mass calling customer. In exchange, SBC KANSAS shall not be responsible to pay intercompany terminating compensation for terminating minutes of use (MOU) for ported choke calls.

3.5.4 Obligations of CLEC

3.5.4.1 CLEC shall agree to adhere to SBC KANSAS LSR format and mass calling due date intervals.

3.5.4.2 The CLEC shall provide the facility and DID trunk group from the SBC KANSAS CSO to the CLEC's serving office. The CLEC shall size this one-way MF trunk group.

3.5.4.3 The CLEC shall forego any inter-company terminating MOU compensation for termination calls coming in on this trunk group.

3.5.5 CLEC Mass Calling Codes

3.5.5.1 Should the CLEC assign a mass calling NXX code(s) and establish a mass calling interface for traffic destined to its CSO(s), the CLEC shall home its CSO(s) on a SBC KANSAS mass calling tandem and a similar mass calling trunking arrangement (one-way outgoing with MF signaling) will be provided from SBC

KANSAS tandem and/or mass calling hub to the CLEC. In order to allow the Parties time to order and install such mass calling trunks, the CLEC shall provide SBC KANSAS notification of its intention to deploy mass calling NXX code(s) at least ninety (90) days before such codes are opened in the LERG. For more information regarding this mass local interconnection trunk group, See Appendix ITR.

3.5.5.2 MF and SS7 trunk groups shall not be provided within a DS1 facility. A separate DS1 facility per signaling type must be used. Where SBC KANSAS and CLEC both provide mass calling trunking, both Parties' mass calling trunks may ride the same DS1 facility.

3.6 Intentionally Left Blank

3.7 Porting of DID Block Numbers

3.7.1 SBC KANSAS and CLEC shall offer number portability to customers for any portion of an existing DID block without being required to port the entire block of DID numbers.

3.7.2 SBC KANSAS and CLEC shall permit customers who port a portion of DID numbers to retain DID service on the remaining portion of the DID numbers, provided such is consistent with applicable tariffs; provided that the parties agree that nothing herein shall be deemed a waiver or estoppel of CLEC's positions that: (1) SBC KANSAS should permit customers who port a portion of a DID block to retain DID service on the remaining portion of the DID block; and (2) that SBC KANSAS should offer customers who port a portion of a DID block a discount that is proportional to the amount of the DID block that has been ported, nor shall CLEC be prejudiced in any present or future proceedings from asserting said positions.

4.0 PRICING

4.1 The Parties agree that FCC approved rates for Service Provider Number Portability (SPNP) are found in FCC No. 73 Access Services Tariff – Section 34. These rates define terms under which SPNP Query Service, SPNP Query Service-Database, and Basic SPNP Service are offered.

4.2 When a CLEC orders Coordinated Hot Cut (CHC) service, SBC KANSAS shall charge and the CLEC agrees to pay for service at the "additional time and material" rates set forth in Appendix Pricing, Schedule of Prices.

4.2.1 Coordinated Hot Cut (CHC) is an option service that permits the CLEC to request SBC KANSAS to hold translations in the donor switch until the CLEC gives verbal instruction to implement the porting.

4.3 Reference CHC Attachment 29 for additional information.

ATTACHMENT 15: E911

TERMS AND CONDITIONS FOR PROVIDING CONNECTION TO E911 UNIVERSAL EMERGENCY NUMBER SERVICE

This Attachment 15: E911 sets forth the terms and conditions under which SBC KANSAS will provide the connection between CLEC's local switch and E911 Universal Emergency Number Service.

1.0 DEFINITIONS

As used herein and for the purposes of this Attachment the following terms will have the meanings set forth below:

1.1 "911 Trunk" means a trunk capable of transmitting Automatic Number Identification (ANI) associated with a call to 911 from CLEC's End Office to the E911 system.

1.2 "Automatic Location Identification" or "ALI" means the automatic display at the PSAP of the caller's telephone number, the address/location of the telephone and, in some cases, supplementary emergency services information.

1.3 "Automatic Number Identification" (ANI) or "Calling Party Number" (CPN) allows for identification of the telephone number that originates a call. In some instances, the station number of the calling party is not identified using ANI or CPN, in these instances the Calling Party will be identified by using a billing telephone number.

1.4 "Company Identifier" or "Company ID" means a three to five (3 to 5) character identifier chosen by the Local Exchange Carrier that distinguishes the entity providing dial tone to the end user. The Company Identifier is maintained by NENA in a nationally accessible database.

1.5 "Database Management System" or "DBMS" means a system of manual procedures and computer programs used to create, store and update the data required to provide Selective Routing and/or Automatic Location Identification for 911 systems.

1.6 "E911 Customer" - A municipality or other state or local governmental unit, or an authorized agent of one or more municipalities or other state or local government units to whom authority has been lawfully delegated to respond to public emergency telephone calls, at the minimum, for emergency police and fire service through the use of one telephone number, 911.

1.7 "E911 Universal Emergency Number Service" (also referred to as "Expanded 911 Service" or "Enhanced 911 Service") or "E911 Service" means a telephone exchange communications service whereby a public safety answering point (PSAP) answers telephone calls placed by dialing the number 911. E911 includes the service provided by the lines and equipment associated with the service arrangement for the answering, transferring, and dispatching of public emergency telephone calls dialed to 911. E911 provides completion of a call to 911 via dedicated trunking facilities and includes Automatic Number Identification (ANI), Automatic Location Identification (ALI), and/or Selective Routing (SR).

1.8 "Emergency Services" means police, fire, ambulance, rescue, and medical services.

1.9 "Emergency Service Number" or "ESN" means a three to five digit number representing a unique combination of emergency service agencies (Law Enforcement, Fire, and Emergency Medical Service) designated to serve a specific range of addresses within a particular geographical area. The ESN facilitates selective routing and selective transfer, if required, to the appropriate PSAP and the dispatching of the proper service agency (ies).

1.10 "National Emergency Number Association" or "NENA" means the National Emergency Number Association is a not-for-profit corporation established in 1982 to further the goal of "One Nation-One Number". NENA is a networking source and promotes research, planning, and training. NENA strives to educate, set

standards, and provide certification programs, legislative representation, and technical assistance for implementing and managing 911 systems.

1.11 "Public Safety Answering Point (PSAP)" - An answering location for 911 calls originating in a given area. The E911 customer may designate a PSAP as primary or secondary, which refers to the order in which calls are directed for answering. Primary PSAPs respond first, secondary PSAPs receive calls on a transfer basis only. PSAPs are public safety agencies such as police, fire, emergency medical, etc., or a common bureau serving a group of such entities.

1.12 "Selective Routing" and "Selective Router" or "SR" means the routing and equipment used to route a call to 911 to the proper PSAP based upon the number and location of the caller. Selective routing is controlled by an ESN, which is derived from the location of the access line from which the 911 call was placed.

1.13 "ALI Database" - A database which stores information associated with end user customers' telephone numbers.

1.14 "Centralized Automatic Message Accounting (CAMA) Trunk" - A trunk capable of transmitting Automatic Number Identification associated with E911 customer calls from a switch to the E911 Network.

2.0 SBC KANSAS RESPONSIBILTIES

2.1 SBC KANSAS will provide and maintain such equipment at the E911 SR and the DBMS as is necessary to perform the E911 services set forth herein when SBC KANSAS is the 911 Service Provider. SBC KANSAS shall provide 911 Service to CLEC as described in this section in a particular Rate Center in which CLEC is authorized to provide local telephone exchange service and SBC KANSAS is the 911 Service Provider. This shall include the following:

2.2 Call Routing

2.2.1 SBC KANSAS will switch 911 calls through the SR to the designated primary PSAP or to designated alternate locations, according to routing criteria specified by the PSAP.

2.2.2 SBC KANSAS will forward the calling party number (ANI) it receives from CLEC and the associated 911 Automatic Location Identification (ALI) to the PSAP for display. If no ANI is forwarded by CLEC, SBC KANSAS will forward an Emergency Service Central Office (ESCO) identification code for display at the PSAP. If ANI is forwarded by the CLEC, but no ALI record is found in the E911 DBMS, SBC KANSAS will report this "No Record Found" condition to the CLEC in accordance with NENA standards.

2.3 Facilities and Trunking

2.3.1 SBC KANSAS shall provide and maintain sufficient dedicated E911 trunks from the SBC KANSAS SR to the PSAP of the E911 Customer, according to provisions of the Kansas Corporation Commission, and documented specifications of the E911 Customer.

2.3.2 SBC KANSAS will provide facilities to interconnect the CLEC, as specified in the State Access Tariff. CLEC has the option to secure interconnection facilities from another provider or provide such interconnection using their own facilities.

2.3.3 Upon written request by CLEC, SBC KANSAS shall, in a timely fashion and at no charge, provide CLEC with a description of the geographic area (or Rate Center) and PSAPs served by the E911 SR based upon the standards set forth in the May 1997 NENA Recommended Standards for Local Service Provider Interconnection Information Sharing, or any subsequent revision(s) thereto.

2.3.4 SBC KANSAS and CLEC will cooperate to promptly test all trunks and facilities between CLEC's network and the SBC KANSAS SR(s) in accordance with industry standards.

2.4 Database

2.4.1 Where SBC KANSAS manages the E911 database, SBC KANSAS shall store the CLEC's end user 911 Records [that is, the name, address, and associated telephone number(s) for each of CLEC's end users served by CLEC's exchange(s)] in the electronic data processing database for the E911 DBMS. CLEC or its representative(s) is responsible for electronically providing end user 911 Records and updating this information.

2.4.2 SBC KANSAS shall coordinate access to the SBC KANSAS E911 DBMS for the initial loading and updating of CLEC end user 911 Records.

2.4.3 SBC KANSAS ALI database shall accept electronically transmitted files that are based upon NENA standards. Manual entry shall be allowed only in the event that DBMS is not functioning properly.

2.4.4 SBC KANSAS will update CLEC's end user 911 Records in the E911 DBMS, at no charge to CLEC, if CLEC uses SBC's E911 Gateway to maintain the CLEC's end user records. SBC KANSAS will then provide CLEC an error and status report. This report will be provided in a timely fashion and in accordance with the methods and procedures described in the documentation to be provided to the CLEC.

2.4.5 Where SBC KANSAS manages the DBMS, SBC KANSAS shall provide the CLEC with a file containing the Master Street Address Guide (MSAG) for the CLEC's respective exchanges or communities. The MSAG will be provided on a routine basis but only for those areas where CLEC is authorized to do business as a local exchange service provider.

2.4.6 Where SBC KANSAS manages the DBMS, SBC KANSAS shall establish a process for the management of NPA splits by populating the DBMS with the appropriate NPA codes.

3.0 CLEC RESPONSIBILITIES

3.1 Call Routing

3.1.1 CLEC will transport 911 calls from each point of interconnection (POI) to the SBC KANSAS SR office of the E911 system, where SBC KANSAS is the 911 Service Provider.

3.1.2 CLEC will forward the ANI information of the party calling 911 to the SBC KANSAS 911 Selective Router.

3.2 Facilities and Trunking

3.2.1 CLEC shall provide interconnection at each appropriate SBC KANSAS 911 Selective Router that serves each exchange area in which CLEC is authorized to and will provide telephone exchange service.

3.2.2 CLEC acknowledges that its end users in a single local calling scope may be served by different SRs and CLEC shall be responsible for providing facilities to route 911 calls from its end users to the proper E911 SR.

3.2.3 CLEC shall provide a minimum of two (2) one-way outgoing E911 trunk(s) dedicated for originating 911 emergency service calls to each SBC KANSAS 911 Selective Router, where applicable. Where SS7 connectivity is available and required by the applicable E911 Customer, the Parties agree to implement Common Channel Signaling trunking rather than CAMA MF trunking.

3.2.4 CLEC shall maintain transport capacity sufficient to route traffic over trunks between the CLEC switch and the SBC KANSAS SR.

3.2.5 CLEC shall provide sufficient trunking and facilities to route CLEC's originating 911 calls to the designated SBC KANSAS 911 SR. CLEC is responsible for requesting that trunking and facilities be routed diversely for 911 connectivity.

3.2.6 CLEC is responsible for determining the proper quantity of trunks and facilities from its switch (es) to the SBC KANSAS 911 SR.

3.2.7 CLEC shall engineer its 911 trunks to attain a minimum P.01 grade of service as measured using the "busy day/busy hour" criteria or, if higher, at such other minimum grade of service as required by Applicable Law or duly authorized Governmental Authority.

3.2.8 CLEC shall monitor its 911 circuits for the purpose of determining originating network traffic volumes. If CLEC's traffic study indicates that additional circuits are needed to meet the current level of 911 call volumes, CLEC shall request additional circuits from SBC KANSAS.

3.2.9 CLEC will cooperate with SBC KANSAS to promptly test all 911 trunks and facilities between CLEC's network and the SBC KANSAS 911 Selective Router(s), in accordance with industry standards, to assure proper functioning of 911 service. CLEC agrees that it will not pass live 911 traffic until successful testing is completed by both parties.

3.2.10 CLEC is responsible for the isolation, coordination and restoration of all 911 network maintenance problems to CLEC's demarcation (for example, collocation). SBC KANSAS will be responsible for the coordination and restoration of all 911 network maintenance problems beyond the demarcation (for example, collocation). CLEC is responsible for advising SBC KANSAS of the circuit identification and the fact that the circuit is a 911 circuit when notifying SBC KANSAS of a failure or outage. The Parties agree to work cooperatively and expeditiously to resolve any 911 outage. SBC KANSAS will refer network trouble to CLEC if no defect is found in SBC KANSAS' 911 network. The Parties agree that 911 network problem resolution will be managed expeditiously at all times.

3.3 Database

3.3.1 Once E911 trunking has been established and tested between CLEC's End Office and all appropriate SR, CLEC or its representatives shall be responsible for providing CLEC's end user 911 Records to SBC KANSAS for inclusion in SBC KANSAS' DBMS on a timely basis. SBC KANSAS and CLEC shall arrange for the automated input and periodic updating of CLEC's end user 911 Records.

3.3.2 CLEC or its agent shall provide initial and ongoing updates of CLEC's end user 911 Records that are MSAG-valid in electronic format based upon established NENA standards.

3.3.3 CLEC shall adopt use of a Company ID on all CLEC end user 911 Records in accordance with NENA standards. The Company ID is used to identify the carrier of record in facility configurations.

3.3.4 CLEC is responsible for providing SBC KANSAS updates to the ALI database; in addition, CLEC is responsible for correcting any errors that may occur during the entry of their data to the SBC KANSAS 911 DBMS.

3.3.5 CLEC shall be solely responsible for providing test records and conducting call-through testing on all new exchanges.

3.4 Other

3.4.1 CLEC is responsible for collecting from its retail end users and remitting to the appropriate municipality or other governmental entity any applicable 911 surcharges assessed on the local service provider and/or retail end users by any municipality or other governmental entity within whose boundaries the CLEC provides local exchange service.

4.0 INTENTIONALLY LEFT BLANK

5.0 RESPONSIBILITIES OF BOTH PARTIES

5.1 The Parties shall jointly coordinate the provisioning of transport capacity sufficient to route originating 911 calls from CLEC to the designated SBC KANSAS 911 Selective Router(s).

6.0 METHODS AND PRACTICES

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

7.0 CONTINGENCY

7.1 The terms and conditions of this Attachment represent a negotiated plan for providing E911 Service.

7.2 The Parties agree that the E911 service is provided for the use of the E911 customer, and recognize the authority of the E911 Customer to establish service specifications and grant final approval (or denial) of service configurations offered by SBC KANSAS and CLEC. These specifications shall be documented in Exhibit I, CLEC Serving Area Description and E911 Interconnection Details. CLEC shall complete its portion of Exhibit I and submit it to SBC KANSAS not later than forty-five (45) days prior to the date CLEC intends to pass live traffic to serve a particular rate center in which CLEC is authorized to provide local telephone exchange service. SBC KANSAS shall complete its portion of Exhibit I and return Exhibit I to CLEC not later than-fifteen (15) days after receipt of Exhibit I from CLEC.

7.3 CLEC must obtain documentation of approval of the completed Exhibit I to the appropriate E911 Customer(s) that have jurisdiction in the area(s) in which CLEC's retail end users are located. CLEC shall provide documentation of all requisite approval(s) to SBC KANSAS prior to use of CLEC's E911 connection for actual emergency calls.

7.4 Each Party has designated a representative who has the authority to complete additional Exhibit(s) I to this Attachment when necessary to accommodate expansion of the geographic area of CLEC into the jurisdiction of additional PSAP(s) or to increase the number of trunks. CLEC must obtain approval from the applicable E911 customer(s) of each additional Exhibit I, as set forth in Section 7.2, and shall furnish documentation of all requisite approval(s of each additional Exhibit I in accordance with Section 7.2.

7.5 The Parties designate the following representatives who shall have the authority to execute additional Exhibits 1 to this Attachment when necessary to accommodate expansion of CLEC's geographic area into the jurisdiction of additional PSAPs or to increase the number of 911 trunks:

SBC KANSAS representative:

911 Account Manager
4 SBC Plaza, 21st Flr
311 S. Akard St.
Dallas, TX 75202-5398

CLEC representative:

CLEC Contact
CLEC
Address
City, State ZIP
Telephone Number

8.0 BASIS OF COMPENSATION

8.1 Compensation to SBC KANSAS for provision of connection to E911 service provided hereunder will be based upon the charges set forth in Exhibit II, Basis Of Compensation, and applied as specified in Exhibit I.

8.2 Charges will begin on the date connection to E911 service commences.

9.0 MONTHLY BILLING

9.1 SBC KANSAS will render to CLEC monthly statements in advance, showing the amounts determined as provided in Section 8.0 above. Payment will be made in accordance with the General Terms and Conditions of this Agreement, including Section 3: Assurance of Payment, Section 9: Payment of Rates and Charges, Section: 13: Dispute Resolution and the provisions governing resolution of billing disputes.

10. LIABILITY

10.1 SBC KANSAS liability and potential damages, if any, for its gross negligence, recklessness or intentional misconduct, is not limited by any provision of this Appendix. SBC KANSAS shall not be liable to CLEC, its end users or its E911 calling parties or any other parties or persons for any Loss arising out of the provision of E911 Service or any errors, interruptions, defects, failures or malfunctions of E911 Service, including any and all equipment and data processing systems associated therewith. Damages arising out of such interruptions, defects, failures or malfunctions of the system after SBC KANSAS has been notified and has had reasonable time to repair, shall in no event exceed an amount equivalent to any charges made for the service affected for the period following notice from CLEC until service is restored.

10.2 CLEC's liability and potential damages, if any, for its gross negligence, recklessness or intentional misconduct is not limited by any provision of this Appendix. In the event CLEC provides E911 Service to SBC KANSAS, CLEC shall not be liable to SBC KANSAS, its end users or its E911 calling parties or any other parties or persons for any Loss arising out of the provision of E911 Service or any errors, interruptions, defects, failures or malfunctions of E911 Service, including any and all equipment and data processing systems associated therewith. Damages arising out of such interruptions, defects, failures or malfunctions of the system after CLEC has been notified and has had reasonable time to repair, shall in no event exceed an amount equivalent to any charges made for the service affected for the period following notice from SBC KANSAS until service is restored.

10.3 CLEC agrees to release, indemnify, defend and hold harmless SBC KANSAS from any and all Loss arising out of SBC KANSAS provision of E911 Service hereunder or out of CLEC's end users' use of the E911 Service, whether suffered, made, instituted or asserted by CLEC, its end users, or by any other parties or persons, for any personal injury or death of any person or persons, or for any loss, damage or destruction of any property, whether owned by CLEC, its end users or others, unless the act or omission proximately causing the Loss constitutes gross negligence, recklessness or intentional misconduct of SBC KANSAS.

10.4 CLEC also agrees to release, indemnify, defend and hold harmless SBC KANSAS from any and all Loss involving an allegation of the infringement or invasion of the right of privacy or confidentiality of any person or persons, caused or claimed to have been caused, directly or indirectly, by the installation, operation, failure to operate, maintenance, removal, presence, condition, occasion or use of the E911 Service features and the equipment associated therewith, including by not limited to the identification of the telephone number, address or name associated with the telephone used by the party or parties accessing E911 Service provided hereunder, unless the act or omission proximately causing the Loss constitutes the gross negligence, recklessness or intentional misconduct of SBC KANSAS.

Exhibit I to Attachment 15: E911

CLEC SERVING AREA DESCRIPTION AND E9-1-1 INTERCONNECTION DETAILS

CLEC Name & Contacts	CLEC "OCN"	9-1-1 Intercon. Addr.	Switch Type	CLEC NPA/NXX(s) Included
				NPA Code(s):
E9-1-1 Manager			CLLI Code	
	CLEC Telco ID			
			Trunk ACTL CLLI	Estimated # of EAAs
9-1-1 Database Manager	CLEC Service Area Description:		"Connect Signal" Digits	
	Rate Center(s):		1 - 1	# 9-1-1 Trunks Requested
Switch Site Contact			"Default" PSAP / ESN	
				SS7 Point Code

SBC E9-1-1 SYSTEM CONFIGURATION ASSOCIATED WITH DESIGNATED E9-1-1 CONTROL OFFICE

E9-1-1 CONTROL OFFICE:		RATE CENTER(s) FOR MSAG PULL (1)	PSAPs INCLUDED	E9-1-1 CUSTOMER and AGENCY TYPE (see legend below)	
CLLI Code:					
		Rate Center(s):			
E9-1-1 Features Required:	ANI/ALI/SR				
# of 9-1-1 Trunks for LSP:					
MSAG Update Interval:	Monthly				
ALI Database Provider:					
ACCOUNT MANAGER:					
LOG NUMBER					

FOOTNOTES: (1)	Mechanized copy of MSAG is provided when SBC is the ALI database provider.				
(2)					
(3)	Only areas within the the listed exchanges and also within the jurisdiction of this PSAP				
	are included. PSAP's jurisdiction may include areas within other telco exchanges.				

"TYPE of AGENCY" LEGEND:			Prepared by:	
HRC	=	Home Rule City		
ECD	=	Emergency Communications District		voice
COG	=	Council of Governments or Regional Planning Commission		fax
(blank)	=	(blank space for use as needed to define another agency type)		email
STATUS of EXHIBIT:			Date Prepared	

EXHIBIT II - BASIS OF COMPENSATION

This Exhibit II is attached to and made a part of Attachment 15: E911.

A. The following trunk charges will be paid to SBC KANSAS for each E911 control office to which CLEC connects.

Trunk Charge	Monthly Recurring	Nonrecurring
Channel (Each)	$22.86 (1) per trunk	$312.00 (1) per trunk

ATTACHMENT 16: NETWORK SECURITY AND LAW ENFORCEMENT

This Attachment 16: Network Security and Law Enforcement to the Agreement sets forth terms and conditions concerning certain Network Security and Law Enforcement requirements.

1.0 PROTECTION OF SERVICE AND PROPERTY

1.1 The Parties will exercise due care to prevent harm or damage to their respective employees, agents or customers, or their property. The Parties' employees, agents, or representatives agree to take reasonable and prudent steps to ensure the adequate protection of their respective property and services. In recognition of its obligation under this attachment, SBC KANSAS agrees to take the following reasonable and prudent steps, including but not limited to:

1.2 Restricting access to CLEC equipment, support equipment, systems, tools and data, or spaces which contain or house CLEC equipment to the extent SBC KANSAS provides this protection to its own facilities. SBC KANSAS will provide access to CLEC employees and its agents based on CLEC providing a list of authorized personnel. If escorted, CLEC employees and authorized agents must present identification required by SBC KANSAS.

1.3 SBC KANSAS will follow mutually agreed upon notification procedures in the event it becomes necessary for a SBC KANSAS employee to enter into the exclusive CLEC collocated space except in an emergency situation in which SBC KANSAS will immediately have the ability to enter into CLEC's collocated space notifying CLEC as soon as possible.

1.4 Complying at all times with mutually agreed to CLEC security and safety procedures and requirements, including but not limited to sign in, identification, and escort requirements while in spaces which house or contain CLEC equipment or equipment enclosures.

1.5 Allowing CLEC's personnel or authorized designee, where CLEC is physically collocated, to inspect or observe spaces that house or contain CLEC's equipment or equipment enclosures after such time as SBC KANSAS has turned over the collocation area to CLEC and to furnish CLEC with all keys, entry codes, lock combinations, or other materials or information which may be needed to gain entry into any secured CLEC space.

1.6 Provide card access, coded locks or keyed locks providing security to the exclusive CLEC collocated space that is unique to that space.

1.7 Ensuring that the area which houses CLEC's equipment is adequately secured to prevent unauthorized entry to the same level as SBC KANSAS provides to itself.

1.8 Limiting the keys used in SBC KANSAS' keying systems for cages which contain or house CLEC*'s* equipment or equipment enclosures to SBC's employees for required access only. Any access required other than emergency will be coordinated with CLEC to allow escort opportunity. SBC KANSAS will change locks at CLEC's request and expense where a security breach is known or suspected and the breach is not caused by SBC KANSAS.

1.9 Where CLEC requests these specifications and is amenable to funding said custom work, installing security studs in the hinge plates of doors having exposed hinges with removable pins if such leads to spaces which contain or house CLEC equipment or equipment enclosures.

1.10 Controlling unauthorized access from passenger and freight elevators by continuous surveillance or by installing security partitions, security grills, locked gates or doors between elevator lobbies and spaces which contain or house CLEC equipment or equipment enclosures.

1.11 Providing prompt notification to designated CLEC personnel to indicate an actual or attempted security breach of which SBC KANSAS is aware.

1.12 CLEC and SBC KANSAS further agree to:

1.12.1 Providing a mutually acceptable back-up and recovery plan to be used in the event of a security system failure or emergency.

1.12.2 Installing Controls:

- to disconnect a user for a pre-determined period of inactivity on authorized ports;
- to protect customer proprietary information; and,
- to databases to ensure both ongoing operational and update integrity.

1.12.3 Logical Security

- assuring that all approved system and modem access be secured through security servers. Access to or connection with a network element will be established through a secure network or security gateway.
- agreeing to comply with AT&T Corporate Security Instruction 3.03 "Computer Security Requirements," March 1993, and AT&T Network Security Requirements 4.0, March 1996.

2.0 REVENUE PROTECTION

2.1 SBC KANSAS will make available to CLEC to the extent that SBC KANSAS provides to itself or any LSP all present and future fraud prevention or revenue protection features, including prevention, detection, or control functionality embedded within any of the network elements. These features include, but are not limited to, screening codes and call blocking of international, 900 and 976 numbers.

2.2 SBC KANSAS will provide to CLEC the same procedures to detect and correct the accidental or malicious alteration of software underlying Network Elements or their subtending operational support systems by unauthorized third parties in the same manner it does so for itself.

2.3 SBC KANSAS will make a reasonable effort to protect and correct against unauthorized physical attachment to loop facilities from the Main Distribution Frame up to and including the Network Interface Device, including clip-on fraud.

3.0 LAW ENFORCEMENT INTERFACE

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

ATTACHMENT 17: PERFORMANCE MEASUREMENTS

This Attachment 17: Performance Measurements sets forth the terms and conditions under which SBC KANSAS will report performance to CLEC and compare that performance to SBC KANSAS' own performance or benchmark criteria, whichever is applicable.[1] Enforcement measures through liquidated damages for failure to meet certain performance measures, set forth in this Attachment, are agreed upon in the Performance Remedy Plan included in a separate agreement of the Parties (Performance Remedy Plan).

1.0 SBC KANSAS agrees to provide CLEC a monthly report of performance for the performance measures listed in Appendix 1. SBC KANSAS will collect, analyze, and report performance data for these measures in accordance with SBC KANSAS' Performance Measurement Business Rules, as approved by the KANSAS Corporation Commission (the "Commission" or "KCC"). Both the performance measures and the business rules are subject to modification in accordance with Section 3.0.

2.0 For purposes of this Attachment, performance results (whether in the form of means, percentages, or rates) will be measured in a single month for the same measurement at equivalent levels of disaggregation, for both SBC KANSAS (or its affiliate purchasing the same service from SBC under an ICA) and CLEC. Compliance will be determined separately for each CLEC and disaggregation level, based on statistical tests or by direct comparison with an established standard (benchmark), as defined in the Performance Remedy Plan.

3.0 A workshop and/or conference shall be organized and held annually for the purpose of evaluating the existing performance measures and determining whether any measures should be deleted, modified or any new measures added. Provided however, no new measures shall be added which measures activities already governed by existing measures. CLEC may actively participate in this annual workshop with SBC KANSAS, other CLECs, and Commission representatives.

3.1 As provided in the Performance Remedy Plan, no changes to remedies/liquidated damages (remedies) or any other term or condition of this Attachment affecting remedies, including but not limited to the level of remedies to be paid by SBC and the application of a benchmark, shall be made except by the consent of the Parties only and shall not be effective until and memorialized in an amendment to the Performance Remedy Plan. Except as otherwise provided in the Performance Remedy Plan, neither Party shall have a right to seek KANSAS Corporation Commission jurisdiction or intervention to address any issues affecting remedies. Any dispute concerning remedies or modification to the current remedy plan shall be resolved pursuant to the dispute resolution provisions of that separate agreement.

3.2 CLEC and SBC KANSAS will consult with one another and attempt in good faith to resolve any issues regarding the accuracy or integrity of data collected, generated, and reported pursuant to this Attachment. In the event that CLEC requests such consultation and the issues raised by CLEC have not been resolved within 45 days after CLEC's request for consultation, then SBC KANSAS will allow CLEC to have an independent audit conducted, at CLEC's expense, of SBC KANSAS' performance measurement data collection, computing, and reporting processes. In the event the subsequent audit reinforces the problem identified during the 45 day consultation period or if any new problem is identified, SBC KANSAS shall reimburse the CLEC any expense incurred for such audit. CLEC may not request more than one audit per twelve calendar months under this section.

4.0 GENERAL ASSESSMENTS PAYABLE TO THE KANSAS STATE TREASURY

4.1 If SBC KANSAS fails to submit performance reports by the last business day of the month, the following assessments apply unless excused for good cause by the Commission:

If no reports are filed, $5,000 per day past the last business day of the month;

[1] Identification of specific network elements by name in this Attachment, including all Appendices hereto, shall not be interpreted to require SBC Kansas to continue to measure, report or credit remedies for any such elements once such elements are no longer required to be provided on an unbundled basis under section 251 of the Act or the parties' ICA.

If incomplete reports are filed, $1,000 per day for each measurement affected by missing performance results, subject to a maximum of $5,000.

4.2 If SBC KANSAS alters previously reported data to a CLEC, and after discussions with SBC KANSAS the CLEC disputes such alterations, then the CLEC can request that the Commission review the submissions and the Commission may take appropriate action. This does not apply to the limitation stated under the section entitled "Exclusions Limited."

4.3 Assessments under this section will not be included in determining the applicability of the cap in the Performance Remedy Plan.

5.0 REPORTS

5.1 CLEC will have access to monthly reports on performance measures and business rules through an Internet website that includes individual CLEC data, aggregate CLEC data, and SBC KANSAS' state aggregate data.

5.2 In the event SBC KANSAS misses any measurement for two consecutive months, for each succeeding violation of that measurement, upon request from a CLEC, SBC KANSAS shall conduct a joint investigation with the requesting CLEC to identify and resolve the problem in a cooperative manner. Such corrective action may include additional training, allocation of additional resources, or modification of SBC KANSAS processes, to the extent appropriate.

5.3 SBC KANSAS will not levy a separate charge for provision of the data to CLEC called for under this Attachment. SBC KANSAS will make raw data available to CLEC via the CRDWS - CLEC Raw Data Web Site. Raw data for the current period will be posted in detail files for downloading by the last business day of each month. These files will be available for download for 60 days from the date of posting, after which the earliest monthly file will be replaced with the raw data file for the current month. Notwithstanding any other provisions of this Agreement, the Parties agree that such records will be deemed Proprietary Information.

6.0 ATTACHED HERETO, AND INCORPORATED HEREIN BY REFERENCE, ARE THE FOLLOWING APPENDICES:

Appendix 1: Performance Measurement Business Rules (Version 4.0)

TABLE OF CONTENTS
PERFORMANCE MEASURES

A. Pre-Ordering/Ordering 3

1.1 Average Response Time for Manual Loop Make-Up Information 3
2 Percent Responses Received within "X" seconds – OSS Interfaces 4
4 OSS Defects Per Million Opportunities (DPMO) 6
5 Percent Firm Order Confirmations (FOCs) Returned on time for LSR requests and returned within X days on ASR requests 7
7.1 Percent Mechanized Completion Notifications Available Within one Day of Work Completion 12
10 Percent Mechanized/Manual Rejects Returned Within one "X" hours of receipt of LSR 13
10.2 Percentage of Orders that receive SBC-caused Jeopardy Notifications 15
11.2 Average SBC-caused Jeopardy Notification Interval 16
12.1 Percent Provisioning Accuracy 18
12.2 Percent Mechanized Line Loss Notifications Returned Within One Day of Work Completion 19
13 Order Process Percent Flow Through 20
13.1 Overall Percent LSR Process Flow Through 21

B. Billing 22

17.2 Billing Completion Notices 22

C. Miscellaneous Administrative 23

22 Local Service Center (LSC) Grade of Service (GOS) 23
22.1 Mechanized Customer Production Support Center (MCPSC) Average Speed of Answer 24
25 Local Operations Center (LOC) Grade of Service (GOS) 25

D. Provisioning 26

28 Percent POTS/UNE-P/Specials/UNES/LNP Loop/LNP Standalone/Interconnection Trunks Installations Completed Within the customer requested due date. 26
30 Percent SBC Missed Due Dates Due To Lack Of Facilities 30
32 Average Delay Days For SBC Caused Missed Due Dates 32
35 Percent Trouble Report Within X Days (I10/I30) of Installation 34
101 Percent Out of Service < 60 minutes 37

E. Maintenance 38

37.1 Trouble Report Rate net of installation and repeat reports 38
38 Percent Missed Repair Commitments 40
39 Mean time to restore/Average Trunk Restoration Interval 41
40 Percent Out Of Service (OOS) < 24 Hours 44
41 Percent Repeat Reports 45

F. Interconnection Trunks 47

70 Percentage of Trunk Blockage 47
71 Common Transport Trunk Blockage 49
73.1 Percentage Held Interconnection Trunks 50

G. 911 51

104 Average Time Required to Update 911 Database (Facility Based Providers) 51

H. Collocation 52

107 Percentage Missed Collocation Due Dates 52

I. Coordinated Conversion 54

115.2 Combined Outage Percentage of CHC/FDT LNP with Loop Line Conversions 54

J. NXX 55

117 Percent NXXs loaded and tested prior to the LERG effective date 55

K. BONA FIDE/SPECIAL REQUEST PROCESS (BFRs) 56

120 Percentage of Requests Processed Within 30 Business Days 56
124 Timely resolution of significant Software Failures related with Releases 57

Due Date Interval Matrix 58

PERFORMANCE MEASUREMENTS BUSINESS RULES

A. Pre-Ordering/Ordering

1.1. Measurement	
Average Response Time for Manual Loop Make-Up Information	
Definition:	
The average time required to provide manual loop qualification for xDSL capable loops measured in business days.	
Exclusions:	
Manual requests for Loop Makeup Information not initiated by the CLEC; however, manual requests initiated by the LSC as part of the ordering process when no mechanized loop qualification data is available will be included.	
Business Rules:	
For a DataGate/EDI/CORBA or EnhancedVerigate initiated request, the start date and time is when the request is received in the Loop Qual System. The end date and time for the DataGate/EDI/CORBA or EnhancedVerigate request is when the loop makeup information has either has been e-mailed back to the CLEC or, if the CLEC does not want email, is available in the Loop Qual System. For manual requests for Loop Makeup Information initiated by the LSC as part of the ordering process, the start date and time is the receipt date and time of the good LSR. The end date and time is when the loop makeup information is available in the Loop Qual System. SBC will provide raw data to CLECS in an agreed to format, on a monthly basis, without the need for a request from a CLEC, until such time as both parties agree it is no longer necessary.	
Calculation:	Report Structure:
∑(Date and Time the Loop Qualification is made available to CLEC – Date and Time the CLEC request is received)/Total number of loop qualifications	By CLEC, All CLECs and SBC or its affiliates (or SBC acting on behalf of its affiliate).by state.
Disaggregations and Benchmarks:	
None	3 business days (Critical Z does not apply)

2. Measurement
Percent Responses Received within "X" seconds – OSS Interfaces
Definition:
The percent of responses completed in "x" seconds for pre-order interfaces (EnhancedVerigate, EDI and CORBA) by function.
Exclusions:
None
Business Rules:
Timestamps for the uniform interfaces (EnhancedVerigate, EDI and CORBA) are taken at the SBC Pre-Order Adapter and do not include transmission time through the xRAF or protocol translation times. The clock starts on the date/time when the query is received by the SBC Pre-Order Adapter and stops at the date/time the SBC Pre-Order Adapter passes the response back to the interfacing application (EnhancedVerigate, EDI pre-order or CORBA). The response time is measured only within the published hours of interface availability as posted on the CLEC on-line website. For the protocol translation response times, interface input times start at the time the interface receives the pre-order query request from the CLEC and the end time is when the connection is made to the SBC Pre-Order Adapter for processing. Interface output times start when the interface receives the response message back from SBC Pre-Order Adapter and the end time is when the message is sent to the CLEC. If the CLEC accesses SBC systems using a Service Bureau Provider, the measurement of SBC's performance does not include Service Bureau Provider processing, availability or response time.

Calculation:	Report Structure:
(# of responses within each time interval ÷ total responses) * 100	Reported on a CLEC, all CLECs, and SBC affiliate where applicable (or SBC acting on behalf of its affiliate), by interface, by state.

Disaggregations and Benchmark:

Overall transactions returned within required interval. Benchmark 95%
Does not include Protocol Translation times as noted below.

No damages will apply to the Protocol Translation Times for EDI and EnhancedVerigate. (Note – Nonuniform DataGate/EDI/CORBA have been eliminated from PM #2 due to the elimination of this interface.) (Critical Z does not apply)

All measurements below will be reported on a diagnostic basis.

Measurement	EnhancedVerigate, EDI and CORBA
Address Verification	95% in <= 10 seconds
Telephone Number Assignment (includes random inquiry, reservation, confirmation and cancellation transactions) Telephone Number Assignment – Specific Inquiry	95% in <= 10 seconds 95% in <= 20 seconds
Customer Service Summary (non-uniform) /Customer Service Inquiry (Uniform) < = 30 WTNs (Also broken down for Lines as required for DIDs).	95% in <=15 seconds
Service/Feature Availability	95% in <=13 seconds
Service Appointment Scheduling (Due Date)	95% in <=5 seconds

Dispatch Required	95% in <=19 seconds
PIC / LPIC	95% in <=25 seconds
Actual Loop Makeup Information requested	95% in <= 60 seconds
Design Loop Makeup Information requested(includes Pre-Qual transactions)	95% in <=15 seconds
Protocol Translation Time – EDI(input and output)	95% in <= 4 seconds
Protocol Translation Time – CORBA (input and output)	95% in <=1 seconds
Protocol Translation Time – EnhancedVerigate (input and output)	95% in <= 1 seconds Diagnostic

4 Measurement	
OSS Defects Per Million Opportunities (DPMO)	
Definition:	
OSS Interface Defects per Million Minutes Opportunities of Scheduled Availability	
Exclusions:	
• Scheduled interface outages for major system releases or system maintenance where CLECs were provided with advanced notification of the downtime in compliance with SBC Southwest's change management process • Undetected Interface outages reported by a CLEC that were not reported to SBC Southwest's designated trouble reporting center within 5 business days	
Business Rules:	
The "Minutes of Scheduled Availability" are the cumulative number of Minutes over which SBC Southwest plans to offer and support CLEC access to SBC Southwest's operational support systems (OSS) functionality during the reporting period. "OSS Defects" are the actual number of minutes, during the scheduled available time, that the SBC Southwest interface is incapable of accepting, receiving and/or responding to CLEC transactions or data files. An "OSS Defect" for pre-order includes all minutes of unavailability by the pre-order disaggregations listed below. Under this measure there is no consideration of "partial availability" (i.e. degraded service conditions). SBC will not schedule normal maintenance during OSS Hours of availability as posted on the CLEC web site unless otherwise notified via an accessible letter. SBC Southwest will not schedule normal maintenance during business hours (8:00 a.m. to 5:30 p.m. central time Monday through Friday).	
Calculation:	Report Structure:
Minutes of outage / Minutes of scheduled availability * 1,000,000	CLECs in the aggregate (except for RAF which is reported by CLEC)
Disaggregations and Benchmarks:	
• Verigate (interface only) = 5000 DPMO • EDI Pre-Order (interface only) = 3000 DPMO • CORBA Pre-Order (interface only) = 3000 DPMO • Total of all 5 Pre-Order function disaggregations = 5,000 DPMO • LEX = 5000 DPMO • EDI Ordering = 3000 DPMO • EBTA GUI = 5000 DPMO • EBTA App-to-App = 5000 DPMO • SBC Southwest RAF (by CLEC) = 5000 DPMO • SBC Toolbar = 5000 DPMO • EASE reported for Consumer and Business = Diagnostic (Critical Z does not apply)	

5. Measurement: (PM 5 combined with PM 5.2)
Percent Firm Order Confirmations (FOCs) Returned on time for LSR requests and returned within X days on ASR requests.
Definition:
Percent of FOCs returned to the CLEC within a specified time frame from receipt of a complete and accurate service request to return of confirmation to CLEC.
Exclusions:

For LSRs

- Rejected (manual and electronic) LSRs.
- SBC only Disconnect orders.
- Services ordered out of the Access Tariff
- Interconnection Orders
- Unbundled Dedicated Transport Orders

For ASRs

- All LSRs
- Access Orders purchased from SBC tariffs
- Rejected (manual and electronic) ASRs
- SBC Only disconnect Orders

Business Rules:

FOC business rules are established to reflect the Local Service Center (LSC) normal hours of operation, which include Monday through Friday, 8:00 a.m. to 5:30 p.m., excluding holidays and weekends. If the start time is outside of normal business hours, then the start date/time is set to 8:00 a.m. on the next business day. Example: If the request is received Monday through Friday between 8:00 a.m. to 5:30 p.m.; the valid start time will be Monday through Friday between 8:00 a.m. to 5:30 p.m. If the actual request is received Monday through Thursday after 5:30 p.m. and before 8:00 a.m. the next day; the valid start time will be the next business day at 8:00 a.m. If the actual request is received Friday after 5:30 p.m. and before 8:00 a.m. Monday; the valid start time will be at 8:00 a.m. Monday. If the request is received on a holiday (anytime); the valid start time will be the next business day at 8:00 a.m. For LSRs received electronically requiring no manual intervention by the LSC, the OSS hours of operation will be used in lieu of the LSC hours of operation (i.e., actual OSS processing time outside of LSC hours will not be excluded in calculating the interval). The returned confirmation to the CLEC will establish the actual end date/time. For UNE Loop and Port combinations, orders requiring N, C, and D orders; the FOC is sent back at the time the last order that establishes service is distributed.
All UNE P orders are categorized as Simple or Complex in the same manner as Retail or Resale orders are categorized. All orders that flow through EASE are categorized as Simple and all orders that do not flow through EASE are categorized as Complex.

A Mechanized Business Ordering system (MBOS) document is required for engineering of trunks that must take place prior to the request being worked.
The MBOS form must be initiated by the LSC service representative with information from the LSR for services such as Centrex, DIDs, Plexar I, Package II, Plexar II Basic, Plexar Custom Basic, and PRI services such as Smart Trunks, Select Video, etc. Once the MBOS form is completed, the LSC service representative must release it to the other involved departments for review and determination of the design information and to determine the necessary steps to provide the services. This may involve review of TN number availability, design circuit provisioning, translations requirements, etc. to determine the service availability and due date. Depending on the service and complexity of the request, the return of the MBOS could be 3-5 days. Therefore, the FOC is to be negotiated for any services that require an MBOS.

If the CLEC accesses SBC systems using a Service Bureau Provider, the measurement of SBC's performance does not include Service Bureau Provider processing, availability or response time.

ENHANCEDLEX/EDI

For ENHANCEDLEX and EDI originated LSRs, the start date and time is the receive date and time that is automatically recorded by the interface (EDI or ENHANCEDLEX) with the system date and time. The end date and time is recorded by the interface (EDI or ENHANCEDLEX) and reflects the actual date and time the FOC is available to the CLEC. For LSRs where FOC times are negotiated with the CLEC, the ITRAK entry on the SORD service order is used in the calculation.

MANUAL REQUESTS

Manual service order requests are those initiated by the CLEC by fax. The fax receipt date and time is recorded and input into WFM. The end time is the actual date and time that a successful attempt to send a paper fax is made back to the CLEC or in cases where fax receipt is prevented at CLEC's facility, the end date and time will be the 2nd attempt to send fax to the CLEC. If a CLEC does not require a paper fax, the FOC information is provided via the FOC/SOC Website, and the end time is the date and time the FOC is loaded to the Website. The ITRAK-FID is used when FOC times are negotiated with the CLEC. The LSC populates the ITRAK-FID with certain pre-established data entries that are used in the FOC calculation.

FOR ASRs:

FOC business rules are established to reflect the Local Service Center (LSC) normal hours of operation, which include Monday through Friday, 8:00 a.m.-5:30 p.m., excluding holidays and weekends. If the start time is outside of normal business hours, then the start date/time is set to 8:00 a.m. on the next business day. Example: If the request is received Monday through Friday between 8:00 a.m. to 5:30 p.m.; the valid start time will be Monday through Friday between 8:00 a.m. to 5:30 p.m. If the actual request is received Monday through Thursday after 5:30 p.m. and before 8:00 a.m. the next day; the valid start time will be the next business day at 8:00 a.m. If the actual request is received Friday after 5:30 p.m. and before 8:00 a.m. Monday; the valid start time will be at 8:00 a.m. Monday. If the request is received on a holiday (anytime); the valid start time will be the next business day at 8:00 a.m. The returned confirmation to the CLEC will establish the actual end date/time. The ITRAK-FID is used when FOC times are negotiated with the CLEC. The LSC populates the ITRAK-FID with certain pre-established data entries that are used in the FOC calculation.

In the event that the Access Service Order Guidelines/Access Service Request (ASOG/ASR) Bi-Annual Release occurs during LSC hours of operation, that time will be excluded from the determination of timely FOCs.

Calculation:	Report Structure:
(# FOCs returned within "x" hours ÷ total FOCs sent) * 100	Reported by CLEC, all CLECs, and SBC affiliate where applicable (or SBC acting on behalf of its affiliate). This includes mechanized from EDI and ENHANCEDLEX and manual (e.g. FAX or phone orders). By State.
Disaggregations and Benchmarks:	

1. Electronic/Electronic LSRs	1. Electronic – Electronic 95% within 45 minutes
2. Manual Intervention LSRs	2. 95% within
A. Mechanized Simple Res/Bus/UNE-P/Mechanized UNE Loop (1-49)/Mechanized Switch Ports/ Mechanized LNP with Loop (1-19)/ EELS	A. 5 Hours
B. Mechanized UNE xDSL Capable Loop (1-20)	B. 6 Hours
C. Mechanized UNE xDSL Capable Loop (>20)	C. 14 Hours
D. Manual and Mechanized Complex Bus (1-200)/ Manual and Mechanized LNP Complex Business (1-19)/Manual Simple Res./Bus/UNE-P/Manual UNE Loop(1-49)/ Manual LNP with Loop (1-19)/ Manual LNP Complex Business (1-19)/Manual UNE xDSL Capable Loop (1-49)	D. 24 Hours
E. Manual and Mechanized Complex Bus (>200)/Manual and Mechanized UNE Loop (>50)/ Manual and Mechanized LNP Complex Business (20-50 Lines)/ Complex UNE-P/ Manual and Mechanized LNP with Loop (>20)/Manual UNE xDSL Capable Loop (> 49)	E. 48 Hours
F. Manually and Mechanized LNP Complex Business (>50)/ MBOS related services (Centrex, Plexar I Pkg II, Plexar II, Plexar Custom Basic) < Negotiated with Notification of Timeframe within 24 Clock Hours/ Projects	F. Negotiated interval
3. ASRs A. Interconnection Facilities and Trunks B. Unbundled Dedicated Transport DS3s C. Unbundled Dedicated Transport DS1s D. Projects	3. 95% within A. 7 business days B. 5 business days C. 1 business days D. Negotiated Interval (Critical Z does not apply)

7.1 Measurement	
Percent Mechanized Completion Notifications Available Within one Business Day of Work Completion	
Definition:	
Percent Mechanized Completion Notifications Available Within one Business Day	
Exclusions:	
Exclude Weekends And Holidays	
Business Rules:	
Days are calculated by subtracting the date the SOC was available to the CLEC via EDI/LEX minus the order completion date. If the CLEC accesses SBC systems using a Service Bureau Provider, the measurement of SBC's performance does not include Service Bureau Provider processing, availability or response time.	
Calculation:	Report Structure:
(# mechanized completions notifications returned to the CLEC within 1 business day of work completion ÷ total mechanized completions notifications) * 100	Reported by CLEC and all CLECs and SBC Affiliate, by state.
Disaggregations and Benchmark:	
None	97% (Critical Z does not apply)

10. Measurement (PM 10 combined with PM 10.1)	
Percent Mechanized/Manual Rejects Returned Within "X" hours of receipt of LSR	
Definition:	
Percent mechanized rejects returned within one hour of the receipt of the LSR	
Exclusions:	
For manual rejects received electronically only, rejects of LSRs received through manual process.	
Business Rules:	
Mechanized Rejects The start time used is the date and time the LSR is recorded by the interface (EDI/Enhanced LEX) if it falls during normal system processing hours of operation, as defined in the published hours of operation document on the CLEC online website. If the interface start time is outside of normal processing hours, then the start date/time is set to the next closest posted processing start time. The end time is the date and time the reject notice is available to the CLEC via EDI or Enhanced LEX. A mechanized reject is any reject made available to the CLEC electronically without manual intervention. If the CLEC accesses SBC systems using a Service Bureau Provider, the measurement of SBC's performance does not include Service Bureau Provider processing, availability or response time. Manual Rejects Received Electronically The start time is the time the LSR is received electronically via EDI or Enhanced LEX if it falls during normal business hours of operation. Reject business rules are established to reflect the Local Service Center (LSC) normal hours of operation, which include Monday through Friday, 8:00 a.m. to 5:30 p.m., excluding holidays and weekends. If the start time is outside of normal business hours, then the start date/time is set to 8:00 a.m. on the next business day. Example: If the request is received Monday through Friday between 8:00 a.m. to 5:30 p.m.; the valid start time will be Monday through Friday between 8:00 a.m. to 5:30 p.m. If the actual request is received Monday through Thursday after 5:30 p.m. and before 8:00 a.m. the next day; the valid start time will be the next business day at 8:00 a.m. If the actual request is received Friday after 5:30 p.m. and before 8:00 a.m. Monday; the valid start time will be at 8:00 a.m. Monday. If the request is received on a holiday (anytime), the valid start time will be the next business day at 8:00 a.m. The end time is the date and time the reject notice is available to the CLEC via EDI/ Enhanced LEX. A manual reject is a reject of an electronically received LSR that requires manual intervention. If the CLEC accesses SBC systems using a Service Bureau Provider, the measurement of SBC's performance does not include Service Bureau Provider processing, availability or response time.	
Calculation:	Report Structure:
(# mechanized rejects returned within 1 hour ÷ total rejects) * 100 (# electronic manual rejects returned within 6 hours of receipt of LSR÷ total electronic manual rejects) * 100	Reported for CLEC and all CLECs and SBC affiliate, by state.
Disaggregations and Benchmark:	
1 Mechanized 2. Manual rejects received electronically	1. 97% within 1 hour 2. 97% within 6 hours (Critical Z does not apply)

10.2 Measurement:	
Percentage of Orders that receive SBC-caused Jeopardy Notifications	
Definition:	
Percentage of total orders received electronically via LEX/EDI and processed for which SBC notifies the CLEC that an order is in jeopardy of meeting the due date, due to SBC cause.	
Exclusions:	
N and D service orders	
Business Rules:	
Percentage of Orders Given Jeopardy Notices measures the number of jeopardy notices sent to customers as a percentage of the total number of orders completed in the period. A jeopardy is a notification provided to the CLECs where SBC identifies the potential for not meeting the scheduled due date (LOF or additional information). Jeopardy Code changes, additions or deletions are part of the LSOR change management process. Updates will be provided to the CLECs in advance as outlined in the OSS release Accessible Letters. In the event a new code is established, changed or deleted between LSOR releases, SBC will notify the CLECs via an Accessible Letter. These Accessible Letters will be listed/posted on SBC's CLEC website with the applicable LSOR, until the LSOR online documentation has been updated with the modification.	
Calculation:	Report Structure:
(Number of orders jeopardized ÷ Number of orders confirmed) * 100	Reported by CLEC and all CLECs, by state.
Disaggregations and Benchmarks:	
• Jeopardies previously referred to as Rejects (See Accessible Letter CLECSS99-175 dated December 30, 1999) • Facilities Jeopardies • Other SBC caused Jeopardies • CLEC/EU caused Jeopardies A list of current Jeopardy codes may be found in CLEC Online in the CLEC Handbook User Guides/Tech Pubs section. Choose Ordering, LSOR 6+ (13 State) Local Service Ordering Requirements, LSOR 6+ (13 State Documentation, Volume II, SBC Local Responses, Local Response Jeopardy, RCODE – Reason Code..	Diagnostic

11.2 Measurement:
Average SBC-caused Jeopardy Notification Interval
Definition:
Measures the average remaining time between the pre-existing committed order completion date and time (communicated via the FOC) and the date and time SBC issues a notice to the CLEC indicating an order received electronically via LEX/EDI is in jeopardy of missing the due date (or the due date/time has been missed). Jeopardy Code changes, additions or deletions are part of the LSOR change management process. Updates will be provided to the CLECs in advance as outlined in the OSS release Accessible Letters. In the event a new code is established, changed or deleted between LSOR releases, SBC will notify the CLECs via an Accessible Letter. These Accessible Letters will be listed/posted on SBC's CLEC website with the applicable LSOR, until the LSOR online documentation has been updated with the modification.
Exclusions:
• N and D Service orders
Business Rules:
With respect to this interval, it is assumed that the order due date time is 5:00 PM for uncoordinated orders, and the Jeopardy date and time will be the actual date and time that SBC issues a notice and is available to the CLEC indicating an order is in jeopardy of missing the due date. With regards to coordinated orders (CHC/FDT) the scheduled due date and time will be used. If the CLEC accesses SBC systems using a Service Bureau Provider, the measurement of SBC's performance does not include Service Bureau Provider processing, availability or response time. Business Hours are 8:00 AM-5:30 PM, M-F.
Levels of Disaggregation:

- Jeopardies previously referred to as Rejects (See Accessible Letter CLECSS99-175 dated December 30, 1999)
- Facilities Jeopardies

  POTS (includes the following):
  - 8.0 dB Loop with Test Access and 8.0 dB Loop without Test Access (FW)
  - 8.0 dB Loop with Test Access and 8.0 dB Loop without Test Access (NFW)
  - 5.0 dB Loop with Test Access and 5.0 dB Loop without Test Access
  - UNE Platform – POTS

  UNE SPECIALS or Designed Services (includes the following):
  - BRI Loop with Test Access
  - ISDN BRI Port
  - DS1 Loop with Test Access
  - DS1 Dedicated Transport
  - Subtending Channel (23B)
  - Subtending Channel (1D)
  - Analog Trunk Port
  - Subtending Digital Direct Combination Trunks
  - DS3 Dedicated Transport
  - Dark Fiber
  - DSL Loops – Line Sharing
  - DSL Loops – Non-Line Sharing
  - DSL Loops - Line Splitting
  - UNE-Platform-Specials

  Other SBC Caused

- Other SBC caused Jeopardies
- CLEC/EU caused Jeopardies

Calculation:	Report Structure:
Sum ((Committed Due Date /Time for the order) – (Date/Time of Jeopardy notice))/ (number of Jeopardy Orders)	Reported by CLEC and all CLECs and SBC affiliate by state.

Benchmark:

Facilities Jeopardies:
POTS – 1 hour
UNE Specials – 4 hours
Other SBC caused – 1 day

Diagnostic only

12.1 Measurement	
Percent Provisioning Accuracy	
Definition:	
Percent of completed service orders submitted via LEX/EDI that are provisioned as requested on the CLEC submitted LSR.	
Exclusions:	
• Cancelled Orders • Rejected orders due to CLEC caused errors	
Business Rules:	
This measurement compares all fields listed in Attachment 5 as submitted on the LSR to the associated service order that provisioned the requested services. SBC commits to make a good faith effort to maintain the list in Attachment 5 with any new fields that can be compared mechanically (e.g. features, PIC, etc.) when those fields have a legitimate impact on the customer. SBC Billing will inform the LSC and ASC through Bill Alerts, regarding situations that impact or potentially impact customer billing. The LSC and ASC will notify the affected CLECs upon receipt of the Bill Alerts.	
Calculation:	Report Structure:
(# of completed service orders with fields provisioned as ordered on the LSR's ÷ total service orders completed * 100	Reported by individual CLEC, CLECs and SBC, by state.
Disaggregations and Benchmarks:	
• Flow Through • Non-Flow Through Note: SBC will provide disaggregations by UNE-P, UNE Loop, LNP and others on a CLEC requested basis.	95%

.

12.2 Measurement	
Percent Mechanized Line Loss Notifications Returned Within One Day Of Work Completion	
Definition:	
Percent mechanized line loss notifications returned within one business day of the completion of work.	
Exclusions:	
• Where CLEC accesses SBC's systems using a Service Bureau Provider, the measurement of SBC's performance shall not include Service Bureau Provider processing, availability or response time. • CLEC-caused misses and delays	
Business Rules:	
Days are calculated by subtracting the date the line loss notification was made available to the CLEC from the work completion date. The date that the last service order associated with the LSR is provisioned is the work completion date. The calculation is based on business days, using a full 24 hour day. This includes all products for which loss notifications are sent.	
Calculation:	Report Structure:
(# of mechanized line loss notifications returned to the CLEC within 1 day of work completion ÷ total line loss notifications) * 100	Reported for CLEC all CLECs, and SBC Affiliates, by state.
Disaggregations and Benchmarks:	
None	95% within one business day

13. Measurement	
Order Process Percent Flow Through	
Definition:	
Percent of orders from entry to distribution that progress through SBC ordering systems without manual intervention.	
Exclusions:	
• Excludes rejected orders • Manually received orders	
Business Rules:	
The number of eligible orders that flow through SBC's ordering systems and are distributed in SORD without manual intervention, divided by the total number of Eligible electronically generated orders within the reporting period. Orders that fall out for manual handling, that are worked by SBC and not rejected back to CLEC due to CLEC caused errors, will be included as failed pass-through occurrences. This measure is based on orders designed to flow through.	
Calculation:	Report Structure:
(# of orders that flow through ÷ total eligible electronic orders) * 100	Reported by CLEC, all CLECs and SBC and SBC affiliate, by state.
Disaggregations and Benchmarks:	
SBC will report its performance separately by order type (Resale POTS, UNE combinations POTS, Specials (resale and UNE combinations), UNE loops, DSL-capable loops, and other).	95%

13. 1 Measurement	
Overall Percent LSR Process Flow Through	
Definition:	
Percent of LSRs that progress through SBC's ordering, provisioning, and billing systems without manual intervention.	
Exclusions:	
• LSRs rejected electronically at LASR or MOG due to a CLEC-caused entry error	
Business Rules:	
The number of LSRs that are completely processed, through posting and through all relevant systems and databases, without manual intervention, divided by the total number of LSRs that are not rejected electronically at LASR or MOG due to a CLEC-caused entry error within the reporting period. LSRs for which SBC returns an erroneous electronic reject are counted in the denominator and as a failed pass through occurrence in the numerator. Other examples of LSRs that would be counted as failed pass-through occurrences in the numerator would include: • LSRs for which SBC returns a manually generated reject, order confirmation, or jeopardy notification, • LSRs for which SBC internal service orders are not electronically generated or as to which any manual entry is made on associated SBC internal service orders, • LSRs with any associated service orders that do not distribute out of SBC's SORD system without fall out or manual processing, • LSRs with any associated service orders that do not update databases without fall out or manual processing, • LSRs which result in any manual AIN trigger setting or manual switch translation work, • LSRs with any associated service orders that do not successfully post to each SBC back end billing systems without fall out or manual processing including error resolution.	
Calculation:	Report Structure:
(# of LSRs completely processed without manual intervention ÷ total # of LSRs not rejects at LASR or MOG due to CLEC-caused entry error) * 100	Reported by CLEC, all CLECs, SBC and SBC Affiliates by state.
Disaggregations and Benchmarks:	
SBC will report its performance separately by order type (Resale POTS, UNE combinations POTS, Specials (resale and UNE combinations), UNE loops, DSL-capable loops, and other).	Diagnostic

B. Billing

17.2New Measurement	
Billing Completion Notices	
Definition:	
Percentage of Billing Completion Notices sent within five business days after service order posting in SORD. For purposes of this measurement, service order posting in SORD occurs before service orders are sent to the respective billing system for billing completion.	
Exclusions:	
• Access Service Orders billed through CABS • Interconnection Trunk Orders • T-Orders when dual service is involved • Weekends and Holidays	
Business Rules:	
This measurement will determine percentage of Billing Completion notices sent to CLEC within 5 business days after service order posting in SORD. This measurement would include all SORD orders produced as a result of an LSR request (i.e., C, N, and D wholesale orders). For purposes of this measurement, service order posting in SORD occurs before service orders are sent to the respective billing system for billing completion. If multiple orders exist on a single LSR, the last order must post in SORD prior to triggering the five business day window. Billing Completion notices are not sent to CLEC until all related SORD orders have posted in the billing systems.	
Calculation:	Report Structure:
Sum (Number of Billing Completion Notices sent within 5 Business Days) / (Number of Billing Completion Notices sent) x 100	Reported by State
Disaggregations and Benchmarks:	
None	95% Billing Completion Notices within 5 business days of service order posting in SORD.

C. Miscellaneous Administrative

22. Measurement	
Local Service Center (LSC) Grade Of Service (GOS)	
Definition:	
Percent of calls answered by the Local Service Center (LSC) within 20 seconds.	
Exclusions:	
Excludes Weekends and Holidays.	
Business Rules:	
The clock starts when the customer enters the queue and the clock stops when a SBC representative answers the call. The speed of answer is determined by measuring and accumulating the elapsed time from the entry of a CLEC customer call into the SBC call management system queue until the CLEC customer call is transferred to SBC personnel assigned to handling CLEC calls for assistance. Data is accumulated from 12:00 a.m. on the first calendar day to 11:59 p.m. on the last calendar day of the month for the reporting period. Hours of operation are 8:00 a.m. to 5:30 p.m. Monday through Friday.	
Calculation:	Report Structure:
Total number of calls answered by the LSC within a specified period of time ÷ Total number of calls answered by the LSC	Reported for all calls to the LSC by operational separation
Disaggregations and Benchmarks:	
By SBC LSC	Parity with SBC RSC / BSC

22.1 Measurement:	
Mechanized Customer Production Support Center (MCPSC) Average Speed of Answer	
Definition:	
Average speed of answer for calls answered by the Mechanized Customer Production Support Center (MCPSC) for the SBC region.	
Exclusions:	
• Weekends • Holidays • Outside normal business hours	
Business Rules:	
The clock starts when a call enters the queue and the clock stops when a SBC representative answers the call. The speed of answer is determined by measuring and accumulating the elapsed time from the entry of a CLEC call into the MCPSC call management system queue until the CLEC call is transferred to a SBC personnel assigned to handling CLEC calls for assistance. Data is accumulated from 12:00 a.m. on the first calendar day to 11:59 p.m. on the last calendar day of the month for the reporting period. Normal business hours of operation are 7:00 a.m. to 7:00 p.m. CST. Monday through Friday.	
Calculation:	Report Structure:
Total amount of time between the receipt of a call to the selected regional option for the MCPSC until the call is answered by the SBC representative / Total number of calls answered by the MCPSC.	Reported for all calls to the MCPSC.
Disaggregations and Benchmarks:	
None	Less than 120 seconds. Critical-Z does not apply.

25. Measurement	
Local Operations Center (LOC) Grade Of Service (GOS)	
Definition:	
Percent of calls answered by the Local Operations Center (LOC) within 20 seconds	
Exclusions:	
None	
Business Rules:	
The clock starts when the customer enters the queue and the clock stops when the SBC representative answers the call. The speed of answer is determined by measuring and accumulating the elapsed time from the entry of a CLEC customer call into the SBC call management system queue until the CLEC customer call is transferred to SBC personnel assigned to handling CLEC calls for assistance. Data is accumulated from 12:00 a.m. on the first calendar day to 11:59 p.m. on the last calendar day of the month for the reporting period. The Measure includes calls to the LOC related to provisioning activities, e.g., coordinated conversions, as well as maintenance activities.	
Calculation:	Report Structure:
Total number of calls answered by the LOC 20 seconds ÷ total number of calls answered by the LOC	Reported for all calls to the LOC by operational separation and SBC Retail Repair Bureau (CSB) for maintenance calls by state.
Disaggregations and Benchmarks:	
• Maintenance Calls (i.e., calls to 1-800-220-4818) • Provisioning Calls – DSL (i.e., calls to 1-817-212-5900) • Provisioning Calls – All other (i.e., calls to Resale:1-817-212-5598; calls to Interconnection: 1-817-212-5588) (The telephone numbers above are subject to change, but notification will be made via an Accessible Letter.)	• Parity with SBC CSB • 90% within 20 seconds (Critical Z does not Apply) • 90% within 20 seconds (Critical Z does not Apply)

D. Provisioning

28. Measurement (PM 28 combined with PM 56, PM 56.1, PM 73, and PM 91)
Percent POTS/UNE-P/Specials/UNES/LNP Loop/LNP Standalone/Interconnection Trunks Installations Completed Within the customer requested due date.
Definition:
POTS/UNE-P/Specials/UNEs/LNP Loops/LNP Standalone Measure of orders (circuits for specials) completed within the customer requested due date when that date is greater than or equal to the standard offered interval, (see Due Date Interval Matrix at the end of this document.), or if expedited the date agreed to by SBC. Interconnection Trunks Percentage of interconnection trunks completed within the customer requested due date, where the requested customer requested due date is greater than or equal to 20 days or if expedited (accepted or not accepted) the date agreed to by SBC.
Exclusions:
• Excludes customer caused misses (e.g., customer not ready, construction not complete). • Excludes all orders except N, T, and C orders. • Excludes Weekends and Holidays. • Excludes circuits requested for less than the standard offered interval unless agreed to by SBC • NPAC caused delays unless caused by SBC (LNP only)
Business Rules:
POTS/UNE-P The clock starts on the Application Date, which is the day that SBC receives a correct Service Order (EASE) / LSR (LEX or EDI). The clock stops on the Completion Date which is the day that SBC personnel complete the service order activity. Orders are included in the month they are completed. There are 2 types of orders in the measurement. Same Day Due orders (defined as distribution time EQUAL or BEFORE 3:00 p.m. and Application Date = Distribution Date = Due Date. Next Day Due orders (defined as distribution time AFTER 3:00 p.m. and Application Date = Distribution Date and Due Date is one business day after Application Date. If the order is Same Day Due, then (Completion – Application Date), if the order is Next Day Due, then [(Completion – Next Business Day) + 1]. UNE Combinations, are reported at order level. Due dates for Field Work orders are determined by the offered interval on the due date board at the time that the order is distributed, unless an expedite has been accepted by SBC. If the CLEC submits an expedite which is not accepted or the LSR contains an invalid due date, the SBC agreed to due date will be substituted for the customer requested due date and included in this measure. Due dates for No Field Work Orders will be the due date requested on the LSR, except that, for a No Field Work Order submitted after 3:00 p.m. and the due date requested is the same business day, the due date will be the next business day, unless an expedite has been accepted by SBC. SBC will provide a diagnostic measure as to how often due date on FOC changes from requested. This will be in the form of a monthly report of the percentage of CLEC requested due dates which are confirmed by FOC, reported separately for resale and for UNE-P if technically feasible. (including/disaggregated by both Field Work and No Field Work orders). Specials The Application Date is the day that the customer initiated the service request. The Completion Date is the day that SBC personnel complete the service order activity by circuit. For orders requiring negotiated due dates, the negotiated due date will be considered the customer requested due date.

This measure is reported at a circuit level.

UNEs/EELS

The Application Date is the day that the customer initiated the service request. The Completion Date is the day that SBC personnel complete the service order activity by circuit. For orders requiring negotiated due dates, the negotiated due date will be considered the customer requested due date. This measure includes expedites agreed to by SBC. This measure is reported at a circuit level.

LNP Loops

The start time is the date of the receipt of an accurate LSR. The Completion Date is the day that SBC personnel complete the service order activity. If the CLEC submits the LSR prior to 3:00 p.m. the CLEC may request a 3 day interval. If the LSR is submitted after 3:00 p.m. the CLEC can request a 4 day interval. The base of items is out of WFA (Work Force Administration) and it is reported at an order level to account for different measurement standards based on the number of circuits per order.

LNP Standalone

Industry guidelines for due dates for LNP are as follows:

- For Offices in which NXXs are previously opened – 3 Business Days.
- New NXX – 5 Business days on LNP capable NXX.

The above-noted due dates are from the date of the FOC receipt.

For partial LNP conversions that require restructuring of customer account:

- 1-30 TNs: Add one additional day to the FOC interval. The LNP due date intervals will continue to be three business days and five business days from the receipt of the FOC depending on whether the NXX has been previously opened or is new.

>30 TNs, including entire NXX: The due dates are negotiated.

Interconnection Trunks

SBC will compare the completion date to the customer desired due date, where the requested customer requested due date is greater than or equal to 20 days or if expedited (accepted or not accepted) the date agreed to by SBC to determine the count of missed installations. The completion date is the date the work is completed and accepted by the CLEC. The measurement is taken for all circuits that complete in the reporting period. Interconnection trunks are selected based on a specific service code off of the circuit ID. Unsolicited FOCs will not be acknowledged in calculating due dates. (i.e., if an unsolicited FOC is received by CLEC, the due date on the first FOC will still be used as the due date.

Calculation:	Report Structure:
POTS/UNE-P/Specials/UNEs - (Count of orders/circuits installed within the requested interval ÷ total number of orders/circuits not subject to exclusions) * 100 LNP Loops/LNP Standalone - Count of N, T, C orders installed within customer requested due date ÷ total N, T, C orders excluding those requested earlier than the standard offered interval) * 100 Interconnection Trunks - (Count trunk circuits completed within the customer requested due date, where the requested customer requested due date is	Reported for CLEC, all CLECs and SBC by state.

greater than or equal to 20 days or if expedited (accepted or not accepted) the date agreed to by SBC ÷ total trunk circuits completed) * 100	
Disaggregations and Benchmarks:	
POTS 1. Field Work (FW) - Bus Class of Svc - Res Class of Svc 2. No Field Work (NFW) - Bus Class of Svc - Res Class of Svc 3. UNE-P -Field Work (FW) 4. UNE -P - No Field Work (NFW) 5. 8.0dB Loops (standalone and loop with LNP) Resale Specials/UNE 6. DS0 (DDS, VGPL, 5 db loops, switch ports) 7. DS1 and above (DS1, DS3, OCn and Dark Fiber) Loops and Transport 8. ISDN & BRI (resale, loops and ports) 9. DSL and Line Splitting 10. Line Sharing and IDSL) 11. EELS – DSO 12. EELS – DS1 13. Interconnection trunks 14. LNP only: NXXs previously opened and NXX new (1-30 TNs and greater than 30 TNs)	1. Resale POTS parity between Field Work compared to SBC Field Work (N, T, C order types) 2. Resale POTS parity between No Field Work compared to SBC Retail No Field Work (N, T, C order types). 3. UNE-P Parity between Field Work compared to SBC Retail Field Work (N, T, C order types) 4. UNE-P Parity between No Field Work compared to SBC Retail No Field Work. (N, T, C order types). 5. 95% Resale Specials and UNEs 6. 95% 7. 95% in five days (Critical Z does not apply) 8. 95% 9. 95% 10. 95% 11. 90%(5 days), 92% in 6 months, 95% in a year 12. 90%(5 days), 92% in 6 months, 95% in a year (Critical Z does not apply) 13. 95% 14. 96.5%

30. Measurement (PM 30 Combined with PM 60)	
Percent SBC Missed Due Dates Due To Lack of Facilities	
Definition:	
POTS/UNE-P/Specials/8.0 dB Loops Percent N, T, and C orders with missed committed due dates due to lack of facilities. UNEs Percentage of UNEs circuits with missed committed due dates due to lack of facilities.	
Exclusions:	
• Excludes orders that are not N, T, or C. • Interconnection Trunks.	
Business Rules:	
POTS/UNE-P – The Due Date is the customer requested due date when that date is greater than or equal to the offered interval, or if expedited (accepted or not accepted), the date agreed to by SBC which is the due date reflected on the FOC. The Completion Date is the day that SBC personnel complete the service order activity. UNE-P- are reported at order level. The lack of facilities is selected based on the missed reason code. Specials – The Due Date starts the clock. The Completion Date is the day that SBC personnel complete the service order activity, which stops the clock. The source is WFA (Work Force Administration) and is at an item or circuit level. Specials are selected based on a specific service code off of the circuit ID and by selected center names that indicate resale. The lack of facilities is selected based on the missed reason code. UNEs/EELS – Any completion date that is greater than the due date with a SBC lack of facilities missed reason code. This measurement is reported at a circuit level for all UNEs with the exception of 8db loops, which are reported at an order level to facilitate comparison with POTS retail.	
Calculation:	Report Structure:
(Count of orders / circuits with missed due dates due to lack of facilities ÷ total field work orders / circuits completed) * 100 (Calculated monthly based on posted orders)	Reported for CLEC, all CLECs and SBC Retail for POTS. By state.
Disaggregations and Benchmarks:	

1. POTS- Field Work (FW) - Bus Class of Svc - Res Class of Svc	1. Resale POTS parity between Field Work compared to SBC Field Work (N, T, C order types)
2. UNE-P - Field Work (FW)	2. UNE-P Parity between Field Work compared to SBC Field Work (N, T, C order types)
3. 8.0dB Loops	3. Compared to Business Retail POTS and Residence Retail POTS Combined
Resale Specials/UNEs: 4. DS0 (DDS, VGPL, switch ports)	4. 5%
5. DS1 and above (DS1, OCn and Dark Fiber) Loops and Transport	5. 4% (Critical Z does not apply) 6. 5%
6. ISDN & BRI (resale, loops, and ports)	7. 5%
7. DSL and Line Splitting	8. 5%
8. Line Sharing and IDSL	9. 5%
9. EELS – DS0 10. EELS – DS1	10. 8%, 4% in 6 months (Critical Z does not apply)
	Note: Comparisons are used for Diagnostic purposes only.

32. Measurement (PM 32 Combined with PM 62 and PM 74)	
Average Delay Days For SBC Caused Missed Due Dates.	
Definition:	
POTS/UNE-P/Specials Average calendar days from due date to completion date on company missed orders /circuit. UNEs/EELS Average calendar days from the customer requested due date when that date is greater than or equal to the offered interval, or if expedited (accepted or not accepted), the date agreed to by SBC which is the due date reflected on the FOC, to completion date on company missed UNEs (8.0 dB loops are measured at an order level). Interconnection Trunks Average calendar days from customer requested due date where the date is greater than or equal to 20 days or if expedited (accepted or not) the date agreed to by SBC to completion date on company missed interconnection trunk orders.	
Exclusions:	
• Excludes orders that are not N, T, or C. For Specials/UNEs/Interconnection Trunks Only: • Excludes any incremental days attributable to the CLEC after the initial SBC caused delay. Does not exclude No Access attributable to the end user after the initial due date has been missed by SBC.	
Business Rules:	
Resale POTS and UNE-P - The Due Date is the customer requested due date when that date is greater than or equal to the offered interval, or if expedited (accepted or not accepted), the date agreed to by SBC which is the due date reflected on the FOC. The Completion Date is the day that SBC personnel complete the service order activity. UNE-Ps are reported by the order that completes the service activity POTS and UNE-Ps are reported at an order level. Specials - The calculation is the difference in calendar days between the completion date and the due date. The source is WFA (Work Force Administration) and is reported at a circuit level. Specials are selected based on a specific service code off of the circuit ID. UNEs/EELS - The calculation is the difference in calendar days between the completion date and the FOC due date. The Due Date is the customer requested due date when that date is greater than or equal to the offered interval. If expedited (accepted or not accepted), the Due Date is the date agreed to by SBC, which is the due date reflected on the FOC. The data is reported at a circuit level. UNEs are selected based on a specific service code off of the circuit ID. This measurement is reported at a circuit level for all UNEs with the exception of 8.0 dB loops, which are reported at an order level to facilitate comparison with POTS retail. Interconnection Trunking - The calculation is the difference in calendar days between the completion date (the date the CLEC accepts the circuit) and the customer requested due date where the date is greater than or equal to 20 days or if expedited (accepted or not) the date agreed to by SBC. The data is reported at a circuit level. Interconnection Trunks are selected based on a specific service code off of the circuit ID.	
Calculation:	Report Structure:
Σ(Completion date – orders/committed circuits due date) ÷ (total # of completed orders/posted circuits with a SBC caused missed due date)	Reported for CLEC, all CLECs and SBC, by state.
Disaggregations and Benchmarks:	

POTS 1. Field Work (FW) - Bus Class of Svc - Res Class of Svc No Field Work (NFW) - Bus Class of Svc - Res Class of Svc 2. UNE-P Field Work (FW) No Field Work (NFW) 3. 8.0dB Loops – FW 8.0dB Loops - NFW Resale Specials/UNEs: 4. DS0 (DDS, VGPL, 5.0 dB loops, switch ports) 5. DS1 and above (DS1, DS3, OCn, and Dark Fiber) Loops and Transport) 6. ISDN & BRI (resale, loops and ports) 7. DSL and Line Splitting 8. Line Sharing and IDSL 9. EELS – DS0 10. EELS – DS1 11. Interconnection Trunks	1. Resale POTS parity between Field Work compared to SBC Field Work (N, T, C order types) and No Field Work compared to SBC Retail No Field Work (N, T, C order types). 2. UNE-P Parity between Field Work compared to SBC Field Work (N, T, C order types) and No Field Work compared to SBC Retail No Field Work. (N, T, C order types). 3. Compared to Business Retail POTS and Residence Retail POTS Combined – FW and NFW 4. 6 days 5. 6 days (Critical Z does not apply) 6. 5 days 7. 6 days 8. 6 days 9. 6 days 10. 6 days (Critical Z does not apply) 11. Parity with SBC Interoffice trunking network

35. Measurement (PM 35 Combined with PM 59 and PM 98)
Percent Trouble Report Within X Days (I-10 / I-30) of Installation
Definition:
Percent of N, T, C orders, (by circuit for specials), that receive an electronic or manual trouble report on or within10 calendar days for POTS/UNE-P, or 30 calendar days for specials), of service order completion. Percentage of UNEs that receive a customer trouble report within X" calendar days, where "x" is 10 calendar days for 8db loops and 30 calendar days for all other UNEs, of service order completion.
Exclusions:
• Excludes subsequent reports. A subsequent report is a repair report that is received while an existing repair report is open on the same number. • CLEC excludable reports. POTS reports taken on the completion date after the completion of the service order are not excluded unless another exclusion already applies. • Excludes reports caused by customer provided equipment (CPE) or wiring, Interexchange Carrier/Competitive Access Provider, and Informational. • Excludes trouble report received on the due date before service order completion. • Interconnection Trunks • Loops without test access - BRI • Orders that are not N, T, or C. • DSL loops > 12Kf with load coils, repeaters, and/or excessive bridged tap (as indicated on the Loop Qual) for which the CLEC has not authorized conditioning and those load coils, repeaters, and bridged taps that are determined to be the cause of trouble. • Trouble reports caused by lack of digital test capabilities on 2-wire BRI and IDSL capable loops where acceptance testing is available and not selected by the CLEC. • UNE DS1 Loop trouble reports where CLEC chooses not to do cooperative testing or acceptance testing between CLEC and SBC due to CLEC reasons on the due date. • Trouble reports for DSL stand alone loops caused by the lack of loop acceptance testing between CLEC and SBC due to CLEC reasons on the due date. • CLEC-caused errors. • NPAC-caused errors unless caused by SBC. • Stand Alone LNP Orders with more than 500 number activations.
Business Rules:
POTS/UNE-P Includes reports received the day after SBC personnel complete the service order through 10 calendar days after completion. The denominator for this measure is the total count of orders posted within the reporting month. (However, the denominator will at a minimum equal the numerator). The numerator is the number of trouble reports received within 10 days of service order completion. These will be reported the month that they are closed. This will include troubles taken on the day of completion found to be as a result of a UNE-P conversion. Resale specials A trouble report is counted if it is flagged on WFA (Work Force Administration) as a trouble report that had a service order completion within 30 days. It cannot be a repeat report. The order flagged against must be an addition in order for the trouble report to be counted. Specials are selected based on a specific service code off of the circuit ID. . The denominator for this measure is the total count of orders posted within the reporting month. (However, the denominator will at a minimum equal the numerator). The numerator is the number of trouble reports received within 30 days of service order completion and closed within the

reporting month.

UNES/EELS

A trouble report is counted if it is received within "X" calendar days, where "X" is 10 calendar days for 8db loops and 30 calendar days for all other UNEs, calendar days of a service order completion. UNEs are selected based on a specific service code off of the circuit ID. This measurement is reported at a circuit level. The denominator for this measure is the total count of circuits posted within the reporting month. (However, the denominator will at a minimum equal the numerator). The numerator is the number of trouble reports received within "X" calendar days where "X" is 10 calendar days for 8db and 5dB loops and 30 calendar days for all other UNEs, calendar days of service order completion that were closed during the reporting month.

Calculation:	Report Structure:
(Count of initial, electronic or manual trouble reports on or within X (where X is 10 days for POTS/UNE-P and 8dB loops, UNE-P, and 30 days for Resale Specials) calendar days of service order completion ÷ total # of orders/total circuits) * 100	Reported for POTS Resale by CLEC, total CLECs and SBC, by state.
Disaggregations and Benchmarks:	
1. POTS N& T orders C Orders Field Work (FW) No Field Work (NFW) Business class of service Residence class of service	1. Resale POTS parity between Field Work compared to SBC Field Work (N, T, and C order types) and No Field Work compared to SBC Retail No Field Work (N, T, and C order types).
2. UNE-P New/Move Orders Change/conversion Orders Field Work (FW) No Field Work (NFW)	2. UNE-P Parity between Field Work New and Move orders compared to SBC Field Work New and Move orders. Parity between Field Work Change and Conversion orders compared to SBC Field Work Change orders. Parity between No Field Work New and Move orders compared to SBC Retail No Field Work New and Move orders. Parity between No Field Work Change and Conversion orders compared to SBC Retail No Field Work Change orders.
	3. Compared to Retail POTS Business and Retail POTS Residence combined
3. 8.0dB Loop	4. 5%
Specials Resale/UNE	5. 4% (Critical Z does not apply)
4. DS0 (DDS, VGPL, 5 db Loops, & switch ports)	
5. DS1 and above (DS1,DS3, OCn and Dark Fiber) Loops and Transport	6. 5% 7. 5% 8. 5%

6. ISDN & BRI (resale, loops and ports) 7. DSL and Line Splitting 8. Line Sharing and IDSL 9. EELS – DS0 10. EELS – DS1	9. 8%, 5% in 6 months 10. 8%, 5% in 6 months (Critical Z does not apply)

101. Measurement:	
Percent Out of Service < 60 minutes	
Definition:	
The Number of LNP related conversions where the time required to facilitate the activation of the port in SBC's network is less than 60, expressed as a percentage of total number of activations that took place.	
Exclusions:	
• CLEC-caused errors. • NPAC-caused errors unless caused by SBC. • Stand Alone LNP Orders with more than 500 number activations.	
Business Rules:	
The Start time is the receipt of the NPAC broadcast activation message in SBC's LSMS. The End time is when the Provisioning event is successfully completed in SBC's network as reflected in SBC's LSMS. Count the number of activations that took place in less than 60 minutes.	
Levels of Disaggregation:	
• None	
Calculation:	Report Structure:
(Number of activations provisioned in less than 60minutes) ÷ (total LNP activations)* 100.	Reported by CLEC and all CLECs by state.
Disaggregations and Benchmarks:	
None	96.5% Critical z-value does not apply

E. Maintenance

37.1 Measurement (PM 37.1 Combined with PM 65.1)	
Trouble Report Rate net of installation and repeat reports	
Definition:	
The number of electronic or manual customer trouble reports exclusive of installation and repeat reports within a calendar month, per 100 lines/circuits/UNEs.	
Exclusions:	
• Excludes reports caused by customer provided equipment (CPE), Interexchange Carrier/Competitive Access Provider, and Informational or wiring. • CLEC Excludable reports POTS reports taken on the completion date after the completion of the service order are not excluded unless another exclusion already applies. • Excludes installation reports. An installation report is defined as any report that comes in within "X" calendar days of service order completion, where "X" is 10 for POTS and 8db loops and "X" is 30 for special services. • Excludes repeat reports. A repeat report is defined as a trouble report received within X calendar days of a previous customer report, where X is 10 days for POTS, 8.0dB loops, UNE-P and 30 days for resale specials and all other UNEs. • Excludes BRI loops without test access • Excludes DSL loops > 12Kf with load coils, repeaters, and/or excessive bridged tap (as indicated on the Loop Qual) for which the CLEC has not authorized conditioning and those load coils, repeaters, and bridged taps are determined to be the cause of trouble. • Excludes trouble reports caused by lack of digital test capabilities on 2-wire and IDSL capable loops where acceptance testing is available and not selected by the CLEC. • UNE DS1 Loop trouble reports where CLEC chooses not to do cooperative testing or acceptance testing between CLEC and SBC due to CLEC reasons on the due date •	
Business Rules:	
POTS/UNE-P CLEC and SBC repair reports are entered and tracked. They are downloaded nightly. Reports are counted in the month they post. UNEs/EELS Repair reports are entered and tracked by trouble ticket type. Reports are counted in the month they post.	
Calculation:	Report Structure:
[Total number of customer trouble reports less installation and repeat reports ÷ (total lines or circuits) ÷100)]	Reported for POTS Resale trouble reports by CLEC, all CLECs and SBC, by state.
Disaggregations and Benchmarks:	

1. POTS Business class of service Residence class of service	1. POTS- Parity with SBC retail
2. UNE – P	2. UNE-P – Parity with Retail POTS Business and Retail POTS Residence combined.
3. 8.0dB Loops	3. Parity with Retail POTS Business and Retail POTS Residence combined.
Specials Resale/UNE	4. 5%
4. DS0 (DDS, VGPL, 5 db Loops, switch ports)	
5. DS1 and above (DS1, OCn and Dark Fiber) Loops and Transport	5. 4% (Critical Z does not apply)
6. ISDN & BRI (resale, loops and ports)	6. 5%
7. DSL and Line Splitting	7. 3%
8. Line Sharing and IDSL	8. 3%
9. EELS – DS0	9. 5%
10. EELS – DS1	10. 4% (Critical Z does not apply)

38. Measurement (PM 38 Combined With PM 66)	
Percent Missed Repair Commitments	
Definition:	
Percent of trouble reports not cleared by the commitment time.	
Exclusions:	
• CLEC excludable reports. POTS reports taken on the completion date after the completion of the service order are not excluded unless another exclusion already applies. • No Access and delayed maintenance for UNE loops. • Specials and Interconnection Trunks • Excludes trouble tickets that are coded to Customer Premise Equipment, Interexchange Carrier/Competitive Access Provider, and Informational (UNE Only)	
Business Rules:	
POTS/UNE-P The commitment date and time is established when the repair report is received. The cleared time is the date and time that SBC personnel clear the repair activity and complete the trouble report. If this is after the commitment time, the report is flagged as a "Missed Commitment." UNE Loops The commitment time is currently defined as 24 hours for 8.0dB loops. If the cleared date and time minus the receive date and time > 24 hours, it counts as a trouble report that missed the repair commitment. UNEs are selected based on a specific service code off of the circuit ID.	
Calculation:	Report Structure:
(Count of trouble reports not cleared by the commitment time ÷ total trouble reports) * 100	Reported for CLEC, all CLECs and SBC, by state.
Disaggregations and Benchmark:	
1. POTS - Residence • Dispatch • No Dispatch POTS - Business • Dispatch • No Dispatch 2. UNE-P • Dispatch • No Dispatch 3. 8.0dB Loops	1. POTS - Parity with SBC Retail 2. UNE-P – Parity with SBC Retail POTS Business and Residence combined 3. Compared to SBC Retail POTS business and residence combined

39. Measurement (PM 39 Combines with PM 67 and PM 76)	
Mean time to restore / Average Trunk Restoration Interval	
Definition:	
POTS/UNE-P Average duration in calendar days / clock hours of customer trouble reports from the receipt of the customer trouble report to the time the trouble report is cleared. UNES/EELS and Specials Average duration of network customer trouble reports from the receipt of the customer trouble report to the time the trouble report is cleared excluding no access and delayed maintenance. Interconnection Trunks Average time to repair interconnection trunks. This measure is based on calendar days.	
Exclusions:	
• Subsequent reports. A subsequent report is one that is received while an existing repair report is open. • CLEC excludable reports POTS reports taken on the completion date after the completion of the service order are not excluded unless another exclusion already applies. • Exclude Tickets where the CLEC did not take the first available commitment time until SBC has the ability to exclude no access and delayed maintenance for POTS (WFA Conversion is expected to take place by the end of 2005). • Exclude Vendor meets • No Access Time • Delayed Maintenance Time • Trouble tickets that are coded to Customer Premise Equipment, Interexchange Carrier/Competitive Access Provider, and Informational (does not apply to POTS) • Exclude Loops without test access – BRI • DSL loops > 12Kf with load coils, repeaters, and/or excessive bridged tap (as identified on the Loop Qual) for which the CLEC has not authorized conditioning and those load coils, repeaters and bridged taps are determined to be the cause of trouble. • Trouble reports caused by lack of digital test capabilities on 2-wire and IDSL capable loops where acceptance testing is available and not selected by the CLEC	
Business Rules:	
POTS and UNE-Ps The clock starts on the date and time SBC receives a trouble report. The clock stops on the date and time that SBC personnel clear the repair activity and complete the trouble report. Specials The start time is when the customer report is received and the stop time is when the report is closed. Specials are selected based on a specific service code off of the circuit ID. UNEs/EELS The start time is when the report is received. The stop time is when the report is cleared in the appropriate system. Interconnection Trunks The data is reported at a circuit level. Interconnection Trunks are selected based on the circuit being identified as a message type circuit. Start time is when the CLEC reports trouble and stop time is when SBC notifies the CLEC of service restoral.	
Calculation:	Report Structure:
Σ[(Date and time SBC clears ticket with the	Reported by CLEC, all CLECs and SBC, by

CLEC) - (Date and time ticket or trouble report is received)] ÷ Total network customer trouble reports Total trunk outage duration ÷ total trunk trouble reports	market area for parity measures and by state for benchmark measures.
Disaggregations and Benchmarks:	
1. POTS - Affecting Service - Out of Service - Dispatch - No Dispatch - Residence - Business	1. POTS – Parity with SBC Retail
2. UNE-P - Affecting Service - Out of Service - Dispatch - No Dispatch - Residence UNE-P - Business UNE-P	2. UNE-P residence – Parity with SBC Retail Residence UNE-P Business – Parity with SBC Retail Business
3. 8.0dB Loops - Dispatch - No Dispatch	3. Compared to business and residence combined
Specials Resale/UNE 4. DS0 (DDS, VGPL, 5 db Loops, switch ports) 5. DS1 and above (DS1, DS3, OCn and Dark Fiber) Loops and Transport) 6. ISDN & BRI (resale, loops and ports 7. DSL and Line Splitting 8. Line Sharing and IDSL 9. EELS – DS0 10. EELS – DS1 11. Interoffice Trunks	4. 12 hours 5. 4.5 hours (Critical Z does not apply) 6. 12 hours 7. 7.5 hours 8. 7.5 hours 9. 12 hours 10. 4.5 (Critical Z does not apply) 11. Parity with SBC Interoffice Trunking Network

40. Measurement	
Percent Out Of Service (OOS) < 24 Hours	
Definition:	
Percent of OOS trouble reports cleared in less than 24 hours.	
Exclusions:	
• Excludes subsequent reports. A subsequent report is one that is received while an existing repair report is open. • CLEC excludable reports. POTS reports taken on the completion date after the completion of the service order are not excluded unless another exclusion already applies. • • Excludes reports marked as "No Access" to customer premises. • Excludes Affecting Service reports.	
Business Rules:	
Customer trouble reports are cleared within 24 hours when: • The customer report is received Monday through Friday cleared within 24 hours. • The customer report is received Saturday and cleared within 48 hours. • The customer report is received Sunday and cleared before midnight Monday. • Holidays are excluded.	
Calculation:	Report Structure:
(Count of OOS trouble reports < 24 hours ÷ total number of OOS trouble reports) * 100	Reported by CLEC, all CLECs and SBC by state.
Disaggregations and Benchmarks:	
1. POTS • Business class of service • Residence class of service 2. UNE-P	1. POTS – Parity with SBC 2. UNE-P - Parity with SBC Business and Residence combined. Note: Comparisons are used for Diagnostic purposes only.

41. Measurement (PM 41 Combined with PM 69)	
Percent Repeat Reports	
Definition:	
Percent of customer trouble reports received within X calendar days of a previous customer report. where X is 10 Days for POTS, UNE-P and 30 Days for Resale Specials and UNEs.	
Exclusions:	
• Excludes subsequent reports. A subsequent report is one that is received while an existing repair report is open. • CLEC excludable reports. POTS reports taken on the completion date after the completion of the service order are not excluded unless another exclusion already applies. • • Interconnection Trunks • Trouble tickets that are coded to Customer Premise Equipment, Interexchange Carrier/Competitive Access Provider, and Informational • Loops without test access – BRI • DSL loops > 12Kf with load coils, repeaters, and/or excessive bridged tap (as indicated on the Loop Qual) for which the CLEC has not authorized conditioning and those load coils, repeaters and bridged taps are determined to be the cause of trouble. • Trouble reports caused by lack of digital test capabilities on 2-wire and IDSL capable loops where acceptance testing is available and not selected by the CLEC.	
Business Rules:	
Includes customer trouble reports received within X calendar days of an original customer report, where X is 10 days for POTS and UNE-P and 30 days for Resale Specials and UNEs. When the second report is received in X days, the original report is marked as an Original of a Repeat, and the second report is marked as a Repeat. If a third report is received within X days, the second report is marked as an Original of a Repeat as well as being a Repeat, and the third report is marked as a Repeat. In this case there would be two repeat reports. If either the original or the second report within 30 days is a measured report, then the second report counts as a Repeat report.	
Calculation:	Report Structure:
Count of customer trouble reports, not caused by CPE or wiring and excluding subsequent reports, received within X calendar days of a previous customer report where X is 10 days for POTS and UNE-P and 30 days for Resale Specials and UNEs ÷ total customer trouble reports not caused by CPE or wiring and excluding subsequent reports) * 100	Reported by CLEC, all CLECs and SBC, by market area for parity measures and by state for benchmark measures.
Disaggregations and Benchmarks:	
1. POTS - Residence - Business	1. Parity With SBC Retail POTS
2. UNE-P	2. Parity with SBC Retail Pots Business and Residence Combined
3. 8.0dB Loop	3. Compared to SBC Retail POTS business and residence combined
Resale Specials/UNEs:	
4. DS0 (DDS, VGPL, 5 db Loops, switch ports)	4. 10%
5. DS1 and above (DS1, DS3, OCn and Dark Fiber) Loops and Transport	5. 15% 10% 6 months (Critical Z does not apply)

6. ISDN & BRI (resale, loops and ports) 7. DSL and Line Splitting 8. Line Sharing and IDSL 9. EELS – DS0 10. EELS – DS1	6. 10% 7. 7.5% 8. 7.5% 9. 10% 10. 15% 10% in 6 months (Critical Z does not apply)

F. Interconnection Trunks

70. Measurement:	
Percentage of Trunk Blockage	
Definition:	
Percentage of calls blocked on outgoing traffic for alternate final (AF) and direct final (DF) trunk groups from SBC end office to CLEC end office and from SBC tandem to CLEC end office.	
Exclusions:	
• Excludes Weekends and Holidays • CLECs have trunks busied-out for maintenance at their end, or have other network problems that are under their control. • Blocking caused by unplanned load on a CLECs network • SBC is ready for turn-up on Due Date and CLEC is not ready or not available for turn-up of trunks, e.g. not ready to accept traffic from SBC on the due date or CLEC has no facilities or equipment at CLEC end. • CLEC does not take action upon receipt of Trunk Group Service Request (TGSR) or ASR within 3 business days (day 0 is the business day the TGSR is emailed/faxed to the CLEC) when a Call Blocking situation is identified by SBC or in the timeframe specified in the InterConnection Agreement (ICA). • If CLEC does not take action upon receipt of TGSR within 10 business days (day 0 as described above) when a pre-service of 75% or greater occupancy situation is identified by SBC or in the time frame specified in the ICA. • If CLEC fails to provide a forecast within the last six months unless a different timeframe is specified in an interconnection agreement. • If a CLEC's actual trunk usage as shown be SBC from traffic usage studies is more than 25% above the CLEC's most recent forecast which must have been provided within the last six months. • New trunk groups that have not been in service for three months may be excluded from calculations for that 3 month period. Nevertheless, utilization data will be gathered upon the turn-up of the TG. The exclusions do not apply if SBC fails to timely provide CLEC with traffic utilization data reasonably required for CLEC to develop its forecast or if SBC refuses to accept CLEC trunk orders (ASRs or TGSRs) that are within the CLEC's reasonable forecast regardless of what the current usage data is.	
Business Rules:	
Twenty days of data consisting of blocked calls and total calls are collected, aggregated and reported.	
Calculation:	Report Structure:
({Count of blocked calls – excluded blocked calls} ÷ total calls offered – {excluded blocked calls}) * 100	Reported for CLEC and all CLECs by state.
Disaggregations and Benchmarks:	
• SBC end office to CLEC end office • SBC tandem to end office trunk	Blocked Calls on Dedicated Trunk Groups not to exceed blocking standard of B.01. [B.01 standard is 1%]

71. Measurement:	
Common Transport Trunk Blockage	
Definition:	
Percentage of local common transport trunk groups exceeding 2%, 1% blockage.	
Exclusions:	
No data is collected on weekends or holidays	
Business Rules:	
Common transport trunk groups that reflect blocking in excess of 2% and 1% (if a separate common transport trunk group is established to carry CLEC traffic only) using a time consistent busy hour from the four most recent weeks of data.	
Calculation:	Report Structure:
(Number of common transport trunk groups exceeding 2%, 1% blocking ÷ total common transport trunk groups) * 100.	Reported on local common transport trunk groups by state.
Disaggregations and Benchmarks:	
• Common trunk groups where CLECs share ILEC trunks • Common trunk groups for CLECs not shared by ILEC	• 3% of SBC common transport trunk groups not to exceed 2% blocking • 3% of SBC common transport trunk groups not to exceed 1% blockage (if a separate common transport trunk group is established to carry CLEC traffic only).

73.1 Measurement	
Percentage Held Interconnection Trunks	
Definition:	
Percentage of interconnection trunk circuits held greater than 30, 60 or 90 calendar days.	
Exclusions:	
• Customer Caused Misses • Excludes any incremental days attributable to the CLEC after the initial SBC caused delay.	
Business Rules:	
The Customer Desired Due Date or the 21st business day after the interconnection trunk order is received by SBC, whichever is greater, starts the clock. The Completion Date is the day that SBC personnel complete the service order activity and it is accepted by the CLEC, which stops the clock. The data is collected at a circuit level. Interconnection trunks are selected based on a specific service code off of the circuit ID. The number of Held circuits is to be calculated by counting the number of circuits that are in held status as of the end of the reporting month. A circuit is no longer in held status once it is completed. This measure captures circuits that are currently in held status as of month-end, not circuits that were completed during the month that may have been in held status prior to completion (data related to missed due dates and delay days is captured separately in PMs 73 and 74). The Denominator will be completed orders plus held circuits.	
Calculation:	Report Structure:
(Count of trunk circuits held for greater than 30, 60 or 90 calendar days ÷ total trunk circuits) * 100,	Reported by CLEC, all CLECs and SBC by state.
Disaggregations and Benchmarks:	
• Interconnection Trunks by 30, 60 and 90 days	Parity with SBC interconnection trunks. (For purposes of damages, only applicable to trunk circuits held greater than 30 days.)

G. 911

104. Measurement	
Average Time Required to Update 911 Database (Facility Based Providers)	
Definition:	
The average time it takes to update the 911 database file.	
Exclusions:	
None	
Business Rules:	
The clock starts on the date/time when the data processing starts and the clock stops on the date/time when the data processing is complete.	
Calculation:	Report Structure:
Σ(Date and time data processing begins – date and time data processing ends) ÷ total number of files	Reported for individual CLEC, all CLECs and SBC, by state.
Disaggregations and Benchmarks:	
one	Parity

H. Collocation

107. Measurement	
Percentage Missed Collocation Due Dates	
Definition:	
The percentage of SBC caused missed due dates for collocation projects.	
Exclusions:	
• Exclude any applications rejected for non-payment within the times requested under tariff • Exclude if the CLEC has not submitted their second fifty percent (50%) payment prior to the due date, SBC- will exclude the job from reporting.	
Business Rules:	
The clock starts when SBC receives, in compliance with the approved tariff, return of proposed layout for space as specified in the application form from the CLEC. However, for purposes of the measure, once SBC provides a quote to a CLEC, the application is deemed to be in compliance with the approved Tariff. The clock stops when the CLEC receives notice in writing or other method agreed to by the parties that the collocation arrangement is complete and ready for CLEC occupancy, and CLEC receives CFA/APOT information. If the CLEC does not accept the collocation space because the space is not complete and ready for occupancy as specified, and notifies SBC of such within 5 business days, the collocation will be considered not complete and the time frame required for the CLEC to reject the collocation space (up to 5 business days) and any additional time required for SBC to complete the space per the specifications will be counted as part of the interval. Any time exceeding the 5 business days will not be counted as part of the interval. Due Date Extensions will be extended when mutually agreed to by SBC and the CLEC, or when a CLEC fails to complete work items for which they are responsible in the allotted time frame. However, a due date extension resulting from SBC notification that it will not meet the required interval, will not be considered a change in the due date for purpose of this measure. Moreover, any change in due date requested by SBC for whatever reason will not be considered to be a change in due date for purpose of this measure. A CLEC-requested extended due date will be calculated by adding to the original due date the number of calendar days that the CLEC was late in performing said work items. Work items include but are not limited to: • CLEC return to SBC corrected and complete floor plan drawings. • CLEC placement of required component(s). If the business rules and tariff are inconsistent, the terms of the tariff will apply. If inconsistencies are identified, SBC will bring these forward for discussion at the next 6-month review.	
Calculation:	Report Structure:
(count of number of SBC caused missed due dates for collocation facilities ÷ total number of collocation projects) * 100	Reported for individual CLEC and all CLECs and SBC affiliate, by state
Disaggregations and Benchmarks:	
• New • Augments Note: All approved types, e.g. Cages, Cageless, etc. are now included in these)	95% within the due date in the SBC Kansas Interstate Tariff or if the CLEC requests a longer interval, the interval agreed to by the parties. Damages and Assessments will be calculated based on the number of days late. (Critical Z does not apply)

I. Coordinated Conversions

115.2. Measurement	
Combined Outage Percentage of CHC/FDT LNP with Loop Lines Conversions	
Definition:	
Percentage of CHC/FDT LNP with Loop Lines where an outage occurs.	
Exclusions:	
• CLEC caused delays (e.g., no dial tone from CLEC: CLEC translations) that do not allow SBC the opportunity to complete CHC/FDT LNP with Loop within the designated interval. • Change of the Due Date by the CLEC less than four business hours prior to the scheduled Date/Time. • CHC/FDT LNP with Loop Lines where the CLEC requests that the cut-over begin prior to the scheduled time. • Excludes Non-Measured reports (CPE, Interexchange, and Informational). • Reports for which the trouble is attributable to the SBC network (unless SBC had knowledge of the trouble prior to the due date). • Excludes no access to the end user's location.	
Business Rules:	
An outage is defined as (1) a premature disconnect for both CHC and FDT, which occurs any time SBC begins the cut-over more than 10 minutes prior to the scheduled start time, and (2) an excessive duration for CHC or FDT (where the CHC or FDT LNP with Loop Lines are not completed by SBC within the established provisioning intervals, and (3) a CHC or FDT PTR (where the CLEC submits a trouble report on the day of conversion, or before noon on the next business day).	
Calculation:	Report Structure:
(Count of outages ÷ total coordinated conversions) * 100	Reported by CLEC and all CLECs by state.
Disaggregations and Benchmarks:	
• Enhanced Daily Process (Includes original CHC.FDT for LNP with DSL compatible loop) • Defined Batch Process • Bulk Batch Process	2% 2% 2%

J. NXX

117. Measurement
Percent NXXs loaded and tested by the LERG effective date
Definition:
Measures the percent of NXX(s) loaded and tested in the end office and/or tandem switches by the LERG effective date
Exclusions:

<table>
<tr><td colspan="2">

- Requests from CLECs where no signed Interconnection Agreement exists
- Requests from CLECs where their Infrastructure is not complete preventing us from performing the appropriate testing to establish the NXX
- Requests by CLECs where an appropriate test number has not been provided to perform required testing to establish the NXX

</td></tr>
<tr><td colspan="2">Business Rules:</td></tr>
<tr><td colspan="2">Data for the initial NXX(s) in a local calling area will be based on the LERG effective date or completion of the initial interconnection trunk group(s) where an appropriate point of interconnection was not established prior to the LERG effective date. Data for additional NXXs in the local calling area will be based on the LERG effective date.</td></tr>
<tr><td>Calculation:</td><td>Report Structure:</td></tr>
<tr><td>(Total count of NXXs loaded and tested by LERG date, or interconnection date ÷ total NXXs loaded and tested) * 100</td><td>Reported by CLEC, all CLECs and SBC, by state.</td></tr>
<tr><td colspan="2">Disaggregations and Benchmarks:</td></tr>
<tr><td>• None</td><td>Parity</td></tr>
</table>

K. Bona Fide/Special Request Process (BFRs)

120. Measurement	
Percentage of Requests Processed Within 30 Business Days	
Definition:	
Percentage of Bona fide/Special requests processed and preliminary analysis or denial notices provided to the customer within 30 business days of receipt of BFR.	
Exclusions:	
Excludes weekends and holidays.	
Business Rules:	
The clock starts when SBC receives the application. The clock stops when SBC responds with the preliminary analysis or denial notification.	
Calculation:	Report Structure:
(Count of number of requests processed within 30 days ÷ total number of requests) * 100	Reported by CLEC, all CLECs, and SBC affiliate, by state.
Disaggregations and Benchmarks:	
None	90% within 30 business days. (Critical Z does not apply) Note: Benchmark is provided for Diagnostic purposes only

124. Measurement	
Timely Resolution of Significant Software Failures Related to Releases	
Definition:	
Measures timely resolution of software errors after a Release that is having a significant impact on CLEC business activity.	
Exclusions:	
Errors where a workaround, transparent to the CLEC, is available (workaround in this sense does not include manual faxing to the LSC or any other action required by the CLEC)	
Business Rules:	
Software errors identified in production within two weeks of the release with no work-arounds that have a disabling affect on CLECs ability to conduct business. Significant or disabling effect on the CLEC is defined as an inability to pass to SBC or receive back from SBC order activity on more than 10% of the CLEC LSRs relative to normal work volumes. This impact will be viewed on a per CLEC basis, upon notification by the CLEC to the OSS Help Desk that they are impacted. Problem resolution time will start being measured from the time the problem is reported to the help desk to the time the software fix is implemented or a workaround is in place. For Tier 1 damages, the CLEC is responsible for reporting the problem to the OSS Help Desk in order for this measure to apply to the individual CLECs and will be paid to those identified with an impact of 10% or more as outlined above. SBC cannot reasonably determine how a given software release issue impacts all CLECs. Therefore, self-reporting by the CLEC is necessary. SBC will proactively determine and report impacted CLECs if the software problem impacts all LSRs in the major categories of RESALE: UNE-P UNE Loop DSL Capable Loops DSL with Line Sharing LNP only In this case, SBC will determine if these major categories represent 10% or more of the CLEC's LSRs based on PM5 results for the prior month.	
Calculation:	Report Structure:
(# Significant Software Failures resolved within 48 hours ÷ Total Significant Software Failures)*100	By CLEC
Disaggregations and Benchmarks:	
• None	95% completed within 48 hours or 2 days. (Critical Z does not apply)

DUE DATE INTERVAL MATRIX

PRODUCT	QUANTITY	INTERVAL (DAYS)
UNE:		
8.0 dB Loop w/wo enhanced daily batch hot cuts	1 – 10 11 – 20 21+	3 7 10
8.0 dB Loop with defined batch cut process	As defined	13
8.0 dB Loop with bulk batch cut process	As defined	Negotiate
5.0 dB Loop	1 – 10 11 – 20 21+	3 7 10
BRI Loop	1 -10 11 – 20 21+	4 10 Negotiate
DS1 Loop	1 – 20 21+	5 Negotiate
Analog Line Port	ALL	2
Analog Trunk Port	ALL	2
DS1 Dedicated Transport	1 – 20 21+	5 Negotiate
DS3 Dedicated Transport	1 – 20 21+	5 Negotiate
ISDN – PRI Loop	1 – 20 21+	5 10
Dark Fiber	1 – 20 21+	5 Negotiate
Standalone INP	1 – 10 11 – 20 21+	3 7 10
DSL No-Line Sharing – Conditioned	ALL	10
DSL No-Line Sharing – Non-Conditioned	ALL	5
DSL Line Sharing – Conditioned	1 – 24 25+	10 Negotiate
DSL Line Sharing – Non-Conditioned	1 – 24 25+	3 Negotiate
Voice Over Data – Conditioned	ALL	10
Voice Over Data – Non-Conditioned	ALL	5
OCn – Loop	1 – 20 21+	25Negotiate
DSL with Line Splitting	1 – 20 21+	5 Negotiate
EELS	1 – 20 21+	5 Negotiate
Subtending Digital Direct Trunks	ALL	3
DS1 Digital Trunk Port DID	ALL	8

RESOLD SPECIALS:		
DDS	1 – 8 9+	7 Negotiate
DS1	1 – 5 6+	7 Negotiate
DS3	ALL	Negotiate
VGPL	1 – 8 9 – 16 17 – 24 25+	5 7 9 Negotiate
BRI - RES - BUS	1 – 8 9+ 1 – 8 9+	10 Negotiate 5 Negotiate
PRI	24 – 120 121+	9 Negotiate
UNE-P ISDN	1 – 8 9+	5 Negotiate
OCn	ALL	Negotiate

ATTACHMENT 18: DIRECTORY ASSISTANCE LISTING INFORMATION

This Attachment 18: Directory Assistance Listing (DAL) sets forth terms and conditions for which the applicable SBC Communications Inc. (SBC) SBC KANSAS agrees to license its Directory Assistance Listing Information to CLEC.

1.0 INTRODUCTION

1.1 SBC KANSAS owns and maintains databases containing directory assistance subscriber listing information (name, address and published telephone number or an indication of non-published or non-list status).

1.2 Currently, SBC KANSAS uses the directory assistance subscriber listing information in its databases to provide directory assistance (DA) service to individuals who call SBC KANSAS' DA office to obtain such information.

1.3 CLEC, or its agent, wishes to provide DA service to CLEC's retail end users, and therefore, wishes to load its database with directory assistance listings contained in SBC KANSAS' DA database.

1.4 Inasmuch as SBC KANSAS provides DA service under contract for Independent Local Exchange Carriers (ILECs) and Competitive Local Exchange Carriers, (CLECs), SBC KANSAS' database also contains directory assistance listing information for other ILEC and CLEC retail end users.

2.0 SERVICE PROVIDED

2.1 SBC KANSAS agrees to license requested directory assistance listing information contained in its database, under the following terms and conditions:

2.1.1 SBC KANSAS shall provide directory assistance listing information in a mutually acceptable format.

2.1.2 SBC KANSAS shall provide directory assistance listing information to CLEC via a mutually acceptable mode of transmission. Once the mode of transmission has been determined, SBC KANSAS will provide to CLEC the initial load of directory assistance listing information in a mutually agreed upon timeframe.

2.2 In the event a telephone service subscriber has a "non-published" listing a "non-published" classification will be identified in lieu of the telephone number information and will be considered part of the Listing Information. The last name, first name, street number, street name, community, and zip code will be provided as part of the Listing Information. The information provided for non-published customers can only be used for two purposes. First, the non-published status may be added to the listing in CLEC's database for the sole purpose of adding/correcting the non-published status of the listings in the database. Second, addresses for non-published customers may be used for verification purposes. If a caller provides the address for a requested listing, CLEC may verify the listing by matching the caller-provided address with the address in CLEC's dates. CLEC may not provide the address information of a requested listing of a non-published subscriber to a caller under any circumstances. CLEC can notify the customer that the requested listing is non-published.

2.3 Compensation for the exchange of directory listing information of underlying carriers will be negotiated between the requesting party and such underlying carriers.

3.0 USE OF SUBSCRIBER LISTING INFORMATION

3.1 CLEC is authorized to use the subscriber listing information provided under this Attachment for any lawful Telecommunications Service. CLEC may use the directory assistance listing information licensed and provided pursuant to this Attachment in compliance with all applicable laws, regulations, and rules including any subsequent decision by the FCC or a court regarding the use of directory assistance listings.

3.2 Upon termination of this Agreement, the Parties will cease using, for any purpose whatsoever, the subscriber listing information provided hereunder.

3.3 Emergency Notification for Non-Published Telephone Numbers – SBC KANSAS shall provide for Emergency Notification for Non-Published Telephone Numbers (hereinafter, "ENNP Service"), whereby any retail end user with a non-published listing in SBC KANSAS' DA database, will be notified that a CLEC retail end user is attempting to contact the non-published party in the event of an emergency.

3.3.1 If a CLEC operator receives a request for a non-published listing and the calling party identifies an emergency situation, the CLEC operator will take the calling party's information and relay it to a SBC KANSAS operator via a pre-designated contact number.

3.3.2 SBC KANSAS will verify the listing of the non-published party at the time the CLEC operator requests service. SBC KANSAS will attempt to contact the non-published party within 15 minutes. If no contact is made, (i.e. no answer and if no message can be left), the SBC KANSAS operator will try to make contact within the next 12 hours. If a voice mail or answering system is reached, SBC KANSAS will leave the contact information.

3.3.3 SBC KANSAS will contact the CLEC operator as to the status of notification: whether the message was delivered, left on voice mail or answering machine, or whether the non-published party could not be contacted.

3.3.4 Only calls identified as an emergency will be forwarded to SBC KANSAS for ENNP Service; however, the identification of such emergency will be left to the discretion of CLEC and its operators.

4.0 ASSIGNMENT

4.1 The directory assistance listings provided by SBC KANSAS shall remain the property of SBC KANSAS. CLEC, or its third-party DA provider/agent, shall take appropriate measures at least equal to the measures CLEC uses for its own listings to guard against any unauthorized use of the listings provided to it hereunder.

5.0 SUBCONTRACTING OF DIRECTORY ASSISTANCE SUBSCRIBER LISTINGS

5.1 If CLEC elects to use a subcontractor for the DA services, CLEC may transfer the directory service subscriber listing information to its DA subcontractor in compliance with all applicable laws, regulations, and rules including any subsequent decision by the FCC or a court regarding the use of directory assistance listings. The provision of directory assistance subscriber listing information to a subcontractor by either Party is subject to the Confidentiality and Proprietary Information provision contained in the General Terms and Conditions Section of this Agreement.

6.0 TERM OF APPENDIX

6.1 SBC KANSAS will commence providing subscriber listing information to CLEC as described in this Attachment sixty (60) days following the receipt of a written request from the CLEC and thereafter continue

in force until terminated upon receipt of one hundred twenty (120) days prior written notice from the other as long as this Agreement remains in effect.

7.0 LIABILITY

7.1 SBC KANSAS will use commercially reasonable efforts to ensure the accuracy of the directory assistance listing information provided to CLEC. SBC KANSAS makes no express or implied warranties whatsoever, including but not limited to warranties for merchantability or fitness for a particular purpose, regarding the accuracy of the directory assistance listing information provided to CLEC. CLEC agrees to accept the directory assistance listing information on an "as-is" basis with all faults, errors and omissions, if any.

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

8.0 PRICING

8.1 The prices at which SBC KANSAS agrees to provide CLEC with Directory Assistance Listing (DAL) are contained in the applicable Appendix Schedule Pricing.

ATTACHMENT 19: WHITE PAGES - OTHER (WP-O)

This Attachment 19: White Pages-Other (WP-O), to the Agreement sets forth SBC KANSAS' and CLEC's agreement to the following terms and conditions for the printing and distribution of White Pages directories in facilities based as well as unbundled Network Elements environments.

1.0 INTRODUCTION

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

1.2 CLEC also desires distribution to CLEC's Customers of the White Pages directories that include listings of CLEC's customers.

1.3 SBC KANSAS will make available to CLEC, for CLEC Customers, non-discriminatory access to White Pages directory listings, as described in Section 2 of this Attachment.

2.0 SERVICE PROVIDED

2.1 Subject to Applicable Law and any publishing company requirements regarding the provision of White Page directories, SBC KANSAS will include in appropriate White Pages directories the primary alphabetical listings of all CLEC end users located within the local directory scope. The rules, regulations and publishing company requirements are subject to change from time to time. When CLEC provides its subscriber listing information to SBC KANSAS' listings database, CLEC will receive for its retail end users, one primary listing in SBC KANSAS' White Pages directory and a listing in SBC KANSAS' directory assistance database.

2.1.1 Where a CLEC retail end user requires foreign, enhanced or other listings in addition to the primary listing to appear in the White Pages directory, SBC KANSAS will assess CLEC a monthly charge for such listings at SBC KANSAS tariff rates. An additional monthly charge at SBC KANSAS' tariff rate applies when CLEC wishes to list a retail end user in SBC KANSAS' Directory Assistance database but does not wish to have its retail end user listed in SBC KANSAS' White Pages directory. In addition, CLEC may elect to have its retail end user unlisted and the listing not published in SBC KANSAS' White Pages directory for a monthly charge at SBC KANSAS' tariff rate Resale Rates for those non-published, non-listed services.

2.1.1.1 Switched-based CLECs are billed at the retail tariff rates for a twelve (12) month period at the time the directory is published for additional, foreign, and enhanced listings, as well as Non-Published service CLECs will be notified via Accessible Letter should the billing process change.

2.2 CLEC will furnish to SBC KANSAS subscriber listing information pertaining to CLEC end users located within the local directory scope, along with such additional information as SBC KANSAS may require to prepare and print the alphabetical listings of said directory

2.3 CLEC will provide its subscriber listing information of its subscribers to SBC KANSAS via a mechanical or manual feed of the directory listing information to SBC KANSAS' Directory Listing database. SBC KANSAS will accept listing information from CLEC according to the manual and mechanized listing methods, procedures, and ordering instructions provided via the CLEC Online web site. CLEC agrees to submit all listing information via only a mechanized process within six (6) months of the effective date of this Attachment, or upon CLEC reaching a volume of two hundred listing updates per day, whichever comes

first. Notwithstanding the foregoing, CLEC may continue to manually submit directory listing information for complex caption sets with two (2) or greater degrees of indent. Both parties will use commercially reasonable efforts to ensure the accuracy of the submission and processing of the listing updates. CLEC's subscriber listings will be interfiled (interspersed) in the directory among SBC KANSAS' subscriber listing information. CLEC will submit listing information within three (3) Business Days of installation, disconnection or other change in service (including change of non-listed or non-published status) affecting the Directory Assistance database or the directory listing of a retail end user. SBC KANSAS shall process CLEC orders for updates to subscriber listing information within three (3) Business Days of receipt. CLEC must submit all listing information intended for publication by the directory close date.

2.4 SBC KANSAS will provide electronic directory listing verification to CLEC through the Web Listing Lookup on the SBC CLEC Online website. Upon request, SBC KANSAS will provide daily electronic directory listing verification via SBC KANSAS' White Page listing systems at no charge to CLEC. Each report will reflect CLEC subscriber directory listings successfully process on the previous workday. Information for directory listing verification is located on the SBC CLEC Online website.

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

2.4.2 A CLEC specific directory listing verification list, in a fielded data validation format, also is available upon request by the CLEC at least eighty (80) days prior to the Business Office Close Date for a particular directory. This listing shall contain only CLEC's subscribers, and shall be in electronic delimited text format or equivalent format that may be electronically searched and sorted. CLEC will review this electronic verification list and will submit any necessary additions, deletions or modifications to SBC KANSAS via the appropriate directory listing correction process no less than thirty (30) days prior to the SBC KANSAS Business Office Close date for that directory, provided that SBC KANSAS made the electronic verification list available to CLEC in a timely manner as specified above.

2.5 Publication schedules for the White Pages: CLEC can access, via the SBC CLEC Online website, the directory close dates for areas where CLEC is providing local service. SBC KANSAS will provide directory schedule updates, including the directory schedule for a new calendar year, within fourteen (14) calendar days of the publisher's notification to SBC KANSAS of the schedule or update, but not later than thirty (30) calendar days prior such changes becoming effective.

2.6 Each CLEC subscriber will receive one copy per primary retail end user listing, as provided by CLEC, of SBC KANSAS' White Pages directory in the same manner and at the same time that they are delivered to SBC KANSAS subscribers during the annual delivery of newly published directories.

2.6.1 SBC KANSAS will deliver one copy per primary retail end user listing of SBC KANSAS' White Pages, as described in Section 2.6 above, at no charge. SBC KANSAS has no obligation to warehouse White Pages directories for CLEC or provide White Pages directories to CLEC's retail end users subsequent to the annual distribution of newly published directories. CLEC may arrange for additional directory distribution services with SBC KANSAS' directory publishing affiliate, pursuant to terms and conditions agreed to by the publisher and CLEC.

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

2.8 SBC KANSAS will include CLEC specific information (i.e., business office, residence office, repair bureau, etc.) in the White Pages directory on an "index-type" information page, in alphabetical order along with other local service providers, at no charge. The space available to CLEC on such page will be a minimum size of: 4 column directories = 1 ½" by 3 1/8", 3 column directories = 2" by 3", 2 column directories = 1 1/5" by 2 1/5" or the equivalent size as other local service providers listed in the same section. In order to have such information published, sixty (60) calendar days prior to directory close date CLEC will provide SBC KANSAS the information, including CLEC's logo, to be published on the information page according to the instructions provided on SBC CLEC Online website. Any changes to these instructions will be communicated to CLEC prior to the change through an Accessible Letter. (CLEC will be limited to a maximum one representation in any single edition of a SBC KANSAS White Pages directory under either this Subsection or Appendix White Pages (WP) – Resale to this Agreement).

3.0 USE OF SUBSCRIBER LISTING INFORMATION

3.1 SBC KANSAS agrees to serve as the single point of contact for all independent and Third Party directory publishers who seek to include CLEC's subscriber listing information in an area directory, and to handle the CLEC's subscriber listing information is in the same manner as SBC KANSAS' subscriber listing information. In exchange for SBC KANSAS serving as the single point of contact and handling all subscriber listing information equally, CLEC authorizes SBC KANSAS to include and use the CLEC subscriber listing information provided to SBC KANSAS pursuant to this Attachment in SBC KANSAS' White Pages directory, SBC KANSAS' Directory Assistance databases, and to provide CLEC subscriber listing information to directory publishers. Included in this authorization is the release of CLEC listings to requesting competing carriers as required by Section 271(c)(2)(B)(vii)(II) and to directory publishers as required in Section 251(b)(3) and any applicable regulations and orders. Also included in this authorization is SBC KANSAS' use of CLEC's subscriber listing information in SBC KANSAS' directory assistance, directory assistance related products and services, and directory publishing products and services. CLEC's subscriber listing information will remain the property of CLEC, and CLEC will be responsible for the billing and collection of any license fees or compensation for CLEC listings to third party publishers and others receiving listings pursuant to this section. SBC KANSAS will not bill or collect such license fees on CLEC's behalf. Except as stated herein, SBC KANSAS will not sublicense, assign, sell or transfer CLEC's subscriber listing information provided hereunder, nor will SBC KANSAS authorize any other company or any person to use CLEC's subscriber listing information for any other purpose. SBC KANSAS will take the same measures to guard against unauthorized use of CLEC's listings as SBC KANSAS takes to protect its own listings from unauthorized use, whether by SBC KANSAS, its agents, employees or others.

3.2 SBC KANSAS further agrees not to charge CLEC for serving as the single point of contact with independent and third party directory publishers, no matter what number or type of requests are fielded. In exchange for the handling of CLEC Name 's subscriber list information to directory publishers, CLEC agrees that it will receive no compensation from SBC KANSAS for SBC KANSAS' receipt of the subscriber list information or for the subsequent release of this information to directory publishers. Such CLEC subscriber list information

shall be intermingled with SBC KANSAS' subscriber list information and the subscriber list information of other companies that have authorized a similar release of their subscriber list information by SBC KANSAS.

4.0 RATES

Rates associated with this Attachment are in the Appendix Pricing, Schedule of Prices.

5.0 LIABILITY

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

ATTACHMENT 20: CLEARINGHOUSE (CH)

WHEREAS, SBC KANSAS operates a Clearinghouse (CH), as described below, for its own behalf and that of participating facility-based LECs and facility-based CLECs; and,

WHEREAS, CLEC will participate in the CH on the terms set forth herein;

The Parties agree to the following:

1.0 CLEARINGHOUSE DESCRIPTION

1.1 SBC KANSAS operates a CH for the purpose of facilitating the exchange of certain alternatively billed intrastate intraLATA message toll call records and the reporting of settlement revenues owed by and among participating LECs, including SBC KANSAS and CLEC.

2.0 QUALIFYING MESSAGE CRITERIA

2.1 The only toll call messages that qualify for submission to SBC MISSOURI for CH processing are: (a) intrastate intraLATA sent collect (including calling card, collect and third number) messages which are originated in one LEC or CLEC exchange, exclusively carried by a LEC or CLEC over LEC or CLEC facilities and billed to a customer located in a second LEC's or CLEC exchange within the same state; or (b) intrastate intraLATA sent collect (but limited to calling card and third number) messages originated in one of SBC SOUTHWEST REGION 5-STATE's operating areas (located in parts of Texas, Arkansas, Kansas, Oklahoma or Missouri), exclusively carried by a LEC or CLEC over LEC or CLEC facilities, and billed to a customer located in a second LEC's or CLEC exchange and not in the originating State.

3.0 RESPONSIBILITIES OF THE PARTIES

3.1 CLEC agrees that it will provide SBC KANSAS with billing records for CH processing that are in an industry standard format acceptable to SBC KANSAS and that at a minimum will display the telephone number of the end user to whom the call is to be billed and data about the call sufficient for a carrier to comply with all applicable state regulatory requirements. For purposes of this Attachment, these records ("CH Records") will detail intraLATA toll calls which were originated by use of the single digit access code (i.e., 0+ and 0-) in one LEC or CLEC exchange but are to be billed to an end user in a second LEC's or CLEC exchange. Such records are referred to as category 92 records for CH processing purposes. The term "CH Record" will mean the call detail attributed to a single completed toll message.

3.2 CLEC agrees that all CH Records it generates will display indicators denoting whether category 92 Records should be forwarded to SBC KANSAS' CH. CLEC will retain its originating records for ninety (90) days such that the category 92 Records can be retransmitted to SBC KANSAS for CH processing, if needed.

3.3 SBC KANSAS will provide and maintain such systems as it believes are required to furnish the CH service described herein. SBC KANSAS, in its capacity as operator of the CH, agrees to retain all CH Records processed through the CH for two (2) years.

3.4 CLEC will timely furnish to SBC KANSAS all CH Records required by SBC KANSAS to provide the CH service in accordance with the Technical Exhibit Settlement Procedures (TESP) dated March 25, 1996, or as otherwise mutually agreed upon by the Parties. SBC KANSAS will provide the CH service in accordance with the TESP and such modifications as are subsequently agreed upon.

3.5 Presently, in operating the CH, SBC KANSAS relies upon NXX codes to identify messages for transmission to participating billing companies. To the extent any subprocesses are required to settle CH messages due to the use of ported numbers, such subprocessing will be the responsibility of the porting entity.

4.0 PROCESSING CHARGE

4.1 CLEC agrees to pay SBC KANSAS a processing charge in consideration of SBC KANSAS' performance of CH services. This charge is identified in Appendix Pricing – Schedule of Prices.

5.0 BILLING CHARGE

5.1 CLEC agrees to pay a per message charge to the LEC responsible for billing the message, including SBC KANSAS, when SBC KANSAS bills the message. This charge is identified in Appendix Pricing Schedule.

6.0 SETTLEMENT REPORT

6.1 SBC KANSAS will issue monthly reports containing the results of the processing of CH Records to each participating LEC and CLEC. These reports list the (a) amounts owed by CLEC for billing messages originated by others; (b) amounts due to CLEC for CLEC-originated messages billed by others; (c) applicable billing charges; and (d) processing charges.

7.0 RETROACTIVE AND LOST MESSAGES

7.1 The Parties agree that processing of retroactive messages through the CH is acceptable, if such messages utilize the industry standard format for call records, pursuant to Section 3.0 of this Attachment. The Parties agree that lost messages are the complete responsibility of the originating LEC or CLEC. If messages are lost by any Party, and cannot be recreated or retransmitted, the originating LEC or CLEC will estimate messages, minutes, and associated revenues based on the best available data. No estimate will be made for messages which are more than two years old at the time the estimate is made. The estimates will be off-line calculations (i.e., not part of the routine CH processing) and will be included as a supplement to the monthly settlement report.

8.0 LIMITATION OF LIABILITY

8.1 By agreeing to operate the CH, SBC KANSAS assumes no liability for any LEC's or CLEC's receipt of appropriate revenues due to it from any other entity. CLEC agrees that SBC KANSAS will not be liable to it for damages (including, but not limited to, lost profits and exemplary damages) which may be owed to it as a result of any inaccurate or insufficient information resulting from any entity's actions, omissions, mistakes, or negligence and upon which SBC KANSAS may have relied in preparing settlement reports or performing any other act under this Attachment.

8.2 CLEC agrees to indemnify and hold SBC KANSAS harmless against and with respect to any and all third party claims, demands, liabilities or court actions arising from any of its actions, omissions, mistakes or negligence occurring during the course of SBC KANSAS' performance of CH processing pursuant to this Attachment.

8.3 SBC KANSAS will not be liable for any losses or damages arising out of errors, interruptions, defects, failures, or malfunction of the CH services provided pursuant to this Attachment, including those arising from associated equipment and data processing systems, except such losses or damages caused by the sole negligence of SBC KANSAS. Any losses or damage for which SBC KANSAS is held liable under this Attachment will in no event exceed the amount of processing charges incurred by CLEC for the CH services provided hereunder during the period beginning at the time SBC KANSAS receives notice of the error, interruption, defect, failure or malfunction, to the time service is restored.

9.0 DISCLAIMER OF WARRANTIES

9.1 SBC KANSAS MAKES NO REPRESENTATIONS OR WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO ANY WARRANTY AS TO MERCHANTABILITY OR FITNESS FOR INTENDED OR PARTICULAR PURPOSE WITH RESPECT TO SERVICES PROVIDED HEREUNDER. ADDITIONALLY, SBC KANSAS ASSUMES NO RESPONSIBILITY WITH REGARD TO THE CORRECTNESS OF THE DATA SUPPLIED BY CLEC WHEN THIS DATA IS ACCESSED AND USED BY A THIRD PARTY.

ATTACHMENT 21: NUMBERING

This Attachment 21: Numbering sets forth the terms and conditions under which the Parties will coordinate with respect to numbering resources consistent with the industry guidelines and with applicable law as administered by NANPA (North American Numbering Plan Administrator).

1.0 NUMBERING

1.1 Nothing in this Section will be construed to limit or otherwise adversely impact in any manner either Party's right to employ or to request and be assigned any NANP numbers including, but not limited to, central office (NXX) codes pursuant to the Central Office Code Assignment Guidelines, or to establish, by tariff or otherwise, Exchanges and Rating Points corresponding to such NXX codes. Each Party is responsible for administering the NXX codes assigned to it.

1.2 Each Party agrees to make available to the other, via the LERG, up-to-date listings of its own assigned NPA-NXX codes, along with associated Rating Points and Exchanges. Pursuant to Alliance for Telecommunications Industry Solutions (ATIS) Guidelines for the Administration of Telephone Numbers, revised August 15, 2003 (INC 01-0515-028), the Parties agree "that CO Codes/blocks allocated to a wireline Service Provider are to be utilized to provide service to a customer's premise located in the same rate center that the CO Codes/blocks are assigned. Exceptions exist, for example tariffed services such as foreign exchange service."

1.3 It will be the responsibility of each Party to program and update its own switches and network systems to recognize and route traffic to the other Party's assigned NXX codes at all times. The Parties agree to perform such programming and updating within industry standard intervals, provided that both Parties have met the requirements established within ATIS-approved industry guidelines. Neither Party will impose fees or charges on the other Party for such required programming and updating activities.

1.4 It will be the responsibility of each Party to input required data into the Telcordia Business Integrated Routing and Rating Database System (BIRRDS) and/or other appropriate system(s) necessary to update the Local Exchange Routing Guide (LERG), unless negotiated otherwise.

1.5 Neither Party is responsible for notifying the other Party's end users of any changes in dialing arrangements, including those due to NPA exhaust, unless otherwise ordered by the Commission, the FCC, or a court.

1.6 During the term of this Agreement, where CLEC is utilizing its own switch to provide telecommunications services on its own behalf, or on the behalf of any customer of the CLEC, CLEC shall contact the North American Numbering Plan Administrator for the assignment of numbering resources.

2.0 NXX CODES

2.1 Each Party agrees to utilize NXX codes in a manner consistent with authorized industry standard rules and guidelines and any agency of governmental authority exercising appropriate jurisdiction.

3.0 CODE TRANSFER (A.K.A. NXX MIGRATION)

3.1 Code transfer, as described in industry guidelines (Industry Numbering Committee (INC) document INC 95-0407-008 "Central Office Code (NXX), Section 7), will be provided upon request. The Party that initiates a code transfer request from the other Party to itself agrees to pay an NXX Migration charge as set forth in the Pricing Appendix under "OTHER".

ATTACHMENT 22: DA-FACILITIES BASED
SBC KANSAS -PROVIDED DIRECTORY ASSISTANCE

This Attachment 22: DA-Facilities Based sets forth the terms and conditions under which SBC KANSAS agrees to provide Directory Assistance (DA) for CLEC as a facilities based switch provider.

1.0 SBC KANSAS will provide the following DA Services:

1.1 Local DA consists of providing subscriber listing information (name, address, and published or non-list telephone number or an indication of non-published status) to CLEC's customers who call DA according to current SBC KANSAS methods and practices or as subsequently modified, for the home NPA and/or local/intraLATA serving area, where available.

1.2 Directory Assistance Call Completion (DACC) service consists of SBC KANSAS completing a call to the requested number on behalf of CLEC's end user, utilizing the Interactive Voice System (IVS) or having the operator complete the call. SBC KANSAS will provide DACC to CLEC's customers for local, intrastate IntraLATA and, if available, interstate IntraLATA calls.

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

1.2.2 Subsequent to the DA query and release of the DA call to SBC KANSAS' IVS, SBC KANSAS will deliver the DACC call with the required signaling and data to CLEC to complete the call.

1.2.3 CLEC commits that SBC KANSAS' provision of DACC does not interfere with any contractual arrangement that CLEC has with another operator services provider. CLEC agrees to indemnify SBC KANSAS from any and all causes of action which may be brought by an alternate operator services provider based on allegations that SBC KANSAS has interfered with any such contractual arrangement solely by virtue of SBC KANSAS' provision of DACC to CLEC under this Attachment.

1.3 National Directory Assistance (NDA). A service whereby callers may request directory assistance information (name, address, telephone numbers) outside their LATA or Home NPA for a listed telephone number for residential, business and government accounts throughout the 50 states.

1.4 Reverse Directory Assistance (RDA). An Information Service consisting of providing listed local and national name and address information associated with a telephone number.

1.5 Business Category Search (BCS). A service in which the end user may request business telephone number listings for a specified category of business, when the name of the business is not known. Telephone numbers may be requested for local and national businesses.

1.6 Emergency Non-published Number Request. A service in which, in the event of an emergency request by a calling party, a Directory Assistance Operator will attempt to reach a non-published end user, with the calling party's name and number, and a short message about the nature of the emergency, without releasing the non-published end user's telephone number to the calling party. SBC KANSAS will attempt to contact the non-published party within 15 minutes. If no contact is made, (i.e. no answer and if no message can be left), the SBC KANSAS operator will try to make contact within the next 12 hours. If a voice mail or answering system is reached, SBC KANSAS will leave the contact information.

2.0 DEFINITIONS - THE FOLLOWING TERMS ARE DEFINED AS SET FORTH BELOW:

2.1 Non-List Number - A telephone number that, at the request of the telephone subscriber, is not published in a telephone directory, but is available by calling a SBC KANSAS DA Operator.

2.2 Non-Published Number - A telephone number that, at the request of the telephone subscriber, is neither published in a telephone directory nor provided by a SBC KANSAS DA Operator.

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

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

2.5 IntraLATA Foreign NPA (FNPA) - Where a single LATA includes two Numbering Plan Areas (NPAs). FNPA DA calls may be classified as interstate IntraLATA or intrastate IntraLATA DA calls.

3.0 CALL BRANDING AND QUOTATION OF CLEC DA RATE INFORMATION

3.1 The process by which an Operator, either live or recorded, will identify the DA provider as being CLEC. In all cases the rates quoted to the customer and those applied to the call will be CLEC's. SBC KANSAS will offer Call Branding of DA in the name of CLEC.

3.1.1 CLEC will provide SBC KANSAS with the specific branding phrase to be used to identify CLEC or indicate a silent brand at the CLECs request. The standard phrase will be consistent with the general form and content currently used by CLEC in branding its services. An initial non-recurring charge will apply for loading CLEC's branding information as well as a charge for each subsequent change to CLEC's branding information as provided in appendix Pricing Schedule.

3.2 SBC KANSAS Directory Assistance operators will provide Directory Assistance Rate Information upon request to CLEC's end users as required by Section 226(b)(1)(C) of the Act. Rate/Reference information will be provided under the following terms and conditions:

3.3 CLEC will furnish Rate and Reference information in a mutually agreed to format or media thirty (30) days in advance of the date when such services are to be provided per mutual agreement between the parties.

3.4 CLEC will inform SBC KANSAS, in writing, of any changes to be made to such Rate and Reference Information ten (10) working days prior to the effective rate change date. CLEC acknowledges that it is responsible to provide SBC KANSAS updated Rate information in advance of when the Rates are to become effective.

3.5 In all cases when SBC KANSAS receives a rate request from a CLEC end user, SBC KANSAS will quote the Directory Assistance rates provided by CLEC.

3.6 An initial non-recurring charge will apply for loading CLEC's Directory Assistance Rate information as well as a charge for each subsequent change to CLEC's Directory Assistance Reference information.

3.7 SBC KANSAS will brand Directory Assistance in the name of CLEC starting not later than thirty (30) days after the Effective Date of the Agreement.

3.8 Branding/Silent Announcement load charges are assessed per loaded recording, per switch. (For example, a CLEC Reseller may choose to brand under a different name than its facility-based operations, and therefore two separate recordings could be loaded into each switch, each incurring the Branding/Silent Announcement charge). These charges are Nonrecurring and are found in Pricing Schedule.

3.9 Rate/Reference load charges are assessed per loaded set of rates/references, per switch. (For example, a CLEC Reseller may choose to rate differently than its facility-based CLEC operations, or may change its rates/references during the life of the contract, and therefore separate sets of rates/references could be loaded into each switch, each loading incurring the Rate/Reference charge). These charges are Nonrecurring and are found in Pricing Schedule.

3.10 CLEC shall designate which TOPS (Traffic Operator Position System) switches it wants loaded with Branding/Silent Announcement and Rate/References. (For point of reference, a single SBC KANSAS TOPS switch usually covers an entire LATA. For more information, see CLEC online or consult your Account Manager.)

4.0 RESPONSIBILITIES OF SBC KANSAS

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

4.2 SBC KANSAS will provide and maintain its own equipment to furnish DA Services.

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

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

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

5.0 RESPONSIBILITIES OF BOTH PARTIES

5.1 The Party(ies) that provide the circuits between CLEC and SBC KANSAS offices will make such circuits available for use in connection with the DA services covered herein. When the total traffic exceeds the capacity of the existing circuits, the Party(ies) will provide additional circuits, to the extent necessary.

6.0 RESPONSIBILITIES OF CLEC

6.1 CLEC will be responsible for providing and maintaining the equipment necessary for routing calls and signals to the SBC KANSAS serving office and also such equipment as may be necessary to record call volumes from the CLEC serving office, in a mutually agreed upon format and media.

6.2 CLEC will furnish to SBC KANSAS, thirty (30) days in advance of the date when the DA services are to be undertaken, all end user records and information required by SBC KANSAS to provide the service.

6.3 CLEC will update end user directory assistance listing information using reporting forms and procedures that are mutually acceptable to both Parties. CLEC will send the DA records to SBC KANSAS via a local manual service order, T-TRAN, magnetic tape or by any other mutually agreed to format or media.

6.4 Where CLEC chooses not to customize route the DA calls, CLEC agrees that SBC KANSAS will be the sole provider of DA for one year from the effective date that SBC KANSAS begins providing DA for CLEC in that office. At the expiration of the term of the Interconnection Agreement to which this Attachment is attached, or twelve months, whichever occurs later, either Party may terminate this Attachment upon one hundred-twenty (120) calendar days written notice to the other Party. As of the effective date of this Agreement, if CLEC has already fulfilled its requirement to subscribe to SBC KANSAS' DA services for a twelve month period, or anytime after CLEC has met the twelve month period, CLEC may terminate use of SBC KANSAS DA services upon one hundred twenty (120) days advance written notice to SBC KANSAS.

7.0 PRICING

7.1 The charges for Directory Assistance are outlined in the Appendix Pricing Schedule.

8.0 MONTHLY BILLING

8.1 Billing, non-payment, disconnection, and dispute resolution will be governed by the General Terms and Conditions of this Agreement.

9.0 LIABILITY

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

ATTACHMENT 23: OS-FACILITIES BASED

SBC KANSAS PROVIDED LOCAL & INTRALATA OPERATOR SERVICES

This Attachment 23: OS-Facilities Based to the Agreement sets forth the terms and conditions under which SBC KANSAS agrees to provide local and IntraLATA operator services (Operator Services) for CLEC as a facilities based switch provider. This Attachment applies only to Operator Services provided within a Local Access and Transport Area (LATA).

1.0 SERVICES - SBC KANSAS will provide the following three tiers of Operator Services:

1.1 Fully-Automated - Allows the caller to complete a call utilizing Automated Alternate Billing Service (AABS) equipment without the assistance of a SBC KANSAS Operator, hereafter called Operator. AABS allows the caller the option of using the AABS audio response system. AABS will be offered in areas where facilities exist and where CLEC has Automatic Number Identification (ANI) equipment and TOUCH-TONE service in place. AABS cannot be activated from a rotary telephone and failure or slow response by the caller to the audio prompts will bridge an Operator to the caller for further assistance. The called party must also have TOUCH-TONE service to accept calls that are billed collect.

1.2 Semi-Automated - Allows the caller to complete a call by receiving partial assistance from an Operator or when AABS cannot be activated due to equipment limitations.

1.3 Non-Automated - Allows the caller to complete a call by receiving full assistance from an Operator.

2.0 CALL TYPES - SBC KANSAS will provide to CLEC the call types in Sections 2.1 through 2.7 below:

2.1 Fully Automated Collect and Bill to Third-Number Service- This service is limited to those calls placed collect or billed to a third number. The caller dials 0 plus the telephone number desired, the service selection codes and/or billing information as instructed by the AABS equipment. The call is completed without the assistance of an Operator. This service may also include the following situations:

2.1.1 The caller identifies himself or herself as disabled and gives the Operator the number to which the call is to be billed (either collect or third number).

2.1.2 When due to trouble on the network or lack of service components, the automated call cannot be completed without assistance from an Operator.

2.1.3 When an Operator reestablishes an interrupted call that meets any of the situations described in this Section.

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

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

2.2.1 Where the caller does not dial 0 prior to calling the number desired from a public or semi-public telephone, or from a telephone where the call is routed directly to an Operator (excluding calling card calls).

2.2.2 When an Operator re-establishes an interrupted call that meets any of the situations described in this Section.

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

2.3.1 Where the caller does not dial a 0 prior to dialing the number from a public or semi-public telephone, or where the call is routed directly to an Operator.

2.3.2 When an operator reestablishes an interrupted call that meets any of the situations described in this Section.

2.4 Operator Handled Station-To-Station - A service provided when the caller dials 0 to reach an Operator, and the Operator dials a sent paid, collect or third number station-to-station call. These calls may originate from a private, public or semi-public telephone. The service may also include when an Operator reestablishes an interrupted call as described in this Section.

2.5 Operator Handled Person-To-Person - A service in which the caller dials 0 and requests the Operator to dial the number desired and the person, station, department or office to be reached. The call remains a person-to-person call even if the caller agrees, after the connection is established, to speak to any party other than the party previously specified. The service may also include when an Operator reestablishes an interrupted call as described in this Section.

2.6 Operator Transfer Service - A service in which the caller dials 0 and requests to be connected to an interexchange carrier using an Operator's assistance. At the caller's request, the Operator transfers the call to an interexchange carrier participating in SBC KANSAS' Operator Transfer Service offering. CLEC agrees to obtain all necessary compensation arrangements between CLEC and participating carriers.

2.7 Call Branding/Rate Reference - The process by which an Operator, either live or recorded, will identify the operator service provider as being CLEC, audibly and distinctly to the CLEC customer at the beginning of each OS call. In all cases the rates quoted to the customer and those applied to the call will be CLEC's. SBC KANSAS will offer Call Branding of Operator Services in the name of CLEC or load a silent brand at the CLECs request. For CLECs electing to purchase operator and directory assistance service from SBC KANSAS, the CLEC may request either that SBC KANSAS brand the service in the CLEC's name, or that branding be "silent" (i.e., no name announcement), in accordance with the requirements of 47 C.F.R. 51.217(d).

2.7.1 CLEC will provide SBC KANSAS with the specific branding phrase to be used to identify CLEC. The standard phrase will be consistent with the general form and content currently used by CLEC in branding its services. An initial non-recurring charge will apply for loading CLEC's branding information as well as a charge for each subsequent change to CLEC's branding information as provided in appendix Pricing Schedule.

2.8 SBC KANSAS Operator Services operators will provide Operator Services Rates/Reference Information upon request to CLEC's end users.

3.0 OTHER OPERATOR ASSISTANCE SERVICES

3.1 Line Status Verification - A service in which the caller asks the Operator to determine the busy status of an access line.

3.2 Busy Line Interrupt - A service in which the caller asks the Operator to interrupt a conversation in progress, to determine if one of the parties is willing to speak to the caller requesting the interrupt. A Busy Line Interrupt charge will apply even if no conversation is in progress at the time of the interrupt or the parties interrupted refuse to terminate the conversation in progress.

3.3 Handling of Emergency Calls To Operator - To the extent CLEC's NXX encompasses multiple emergency agencies, SBC KANSAS will agree to query the caller as to his/her community and to transfer the caller to the appropriate emergency agency for the caller's community. CLEC will provide to SBC KANSAS the communities associated with CLEC's NXX(s).

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

3.5 CLEC will furnish Rate and Reference information in a mutually agreed to format or media thirty (30) days in advance of the date when such services are to be provided per mutual agreement between the parties..

3.6 CLEC will inform SBC KANSAS, in writing, of any changes to be made to such Rate and Reference Information ten (10) working days prior to the effective rate change date. CLEC acknowledges that it is responsible to provide SBC KANSAS updated Rate information in advance of when the Rates are to become effective.

3.7 In all cases when SBC KANSAS receives a rate request from a CLEC end user, SBC KANSAS will quote the Operator Services rates provided by CLEC.

3.8 An initial non-recurring charge will apply for loading CLEC's Operator Services Rate information as well as a charge for each subsequent change to CLEC's Operator Services Reference information.

3.9 In the event of an emergency request by a calling party, an Operator will attempt to reach a nonpublished end user with the calling party's name and number, and a short message about the nature of the emergency, without releasing the nonpublished end user's telephone number to the calling party. SBC KANSAS will attempt to contact the non-published party within 15 minutes. If no contact is made, (i.e. no answer and if no message can be left), the SBC KANSAS operator will try to make contact within the next 12 hours. If a voice mail or answering system is reached, SBC KANSAS will leave the contact information.

4.0 RESPONSIBILITIES OF SBC KANSAS

4.1 SBC KANSAS will provide and maintain such equipment as is required to furnish the Operator Services as described in this Attachment.

4.2 Facilities necessary for SBC KANSAS to provide Operator Services to CLEC will be provided by SBC KANSAS using standard trunk traffic engineering procedures to ensure that the objective grade of service is met.

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

4.4 SBC KANSAS will accumulate and provide CLEC such data as necessary for CLEC to verify traffic volumes and bill its customers.

4.5 SBC KANSAS will deliver the call with the required signaling and data to CLEC to complete the call.

5.0 RESPONSIBILITIES OF BOTH PARTIES

5.1 The Party(ies) that provide the circuits between CLEC and SBC KANSAS offices will make such circuits available for use in connection with the OS services covered herein. When the total traffic exceeds the capacity of the existing circuits, the Party(ies) will provide additional circuits, to the extent necessary.

6.0 RESPONSIBILITIES OF CLEC

6.1 CLEC will be responsible for providing and maintaining the equipment necessary for routing calls and signals to the SBC KANSAS serving office and also such equipment as may be necessary to record call volumes from the CLEC serving office, in a mutually agreed upon format and media.

6.2 CLEC will furnish in writing to SBC KANSAS, thirty (30) days in advance of the date when the OS services are to be undertaken, all end user records and information required by SBC KANSAS to provide the Service.

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

6.4 Where CLEC chooses not to customize route the OS calls, CLEC agrees that SBC KANSAS will be the sole provider of OS for one year from the effective date that SBC KANSAS begins providing OS for CLEC in that office. At the expiration of the term of the Interconnection Agreement to which this Attachment is attached, or twelve months, whichever occurs later, either Party may terminate this Attachment upon one hundred-twenty (120) calendar days written notice to the other Party. As of the effective date of this Agreement, if CLEC has already fulfilled its requirement to subscribe to SBC KANSAS' DA services for a twelve month period, or anytime after CLEC has met the twelve month period, CLEC may terminate use of SBC KANSAS DA services upon one hundred twenty (120) days advance written notice to SBC KANSAS.

7.0 PRICING

7.1 The rates for the Operator Services provided are outlined in the Appendix Pricing Schedule.

8.0 MONTHLY BILLING

8.1 Billing, non-payment, disconnection, and dispute resolution will be governed by the General Terms and Conditions of this Agreement.

8.2 SBC KANSAS will forward with Directory Assistance and Operator Services calls from CLEC customers the appropriate line data required by CLEC to identify the type of line for the purposes of call handling and recording.

9.0 LIABILITY

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

ATTACHMENT 24: RECORDING-FACILITIES BASED

This Attachment 24: Recording-Facility Based to the Agreement sets forth the terms and conditions under which SBC KANSAS will provide recording, message processing and message detail services as described in total in Exhibit I and Exhibit II. Exhibit I and II are attached hereto and made a part of this Attachment by reference. The terms and conditions under this Attachment will also apply when the Facility-Based Provider is the Recording Company.

1.0 DEFINITIONS

As used herein and for the purposes of this Attachment, the following terms shall have the meanings set forth below:

1.1 Access Usage Record (AUR) - A message record which contains the usage measurement reflecting the service feature group, duration and time of day for a message and is subsequently used to bill access to Interexchange Carriers (IXCs).

1.2 Assembly and Editing - The aggregation of recorded customer message details to create individual message records and the verification that all necessary information required to ensure all individual message records meet industry specifications is present.

1.3 Centralized Message Distribution System (CMDS) - The national network of private line facilities used to exchange Exchange Message Interface (EMI) formatted billing data between SBC KANSAS and CLEC via the CMDS host.

1.4 Data Transmission - The forwarding by SBC KANSAS of IXC transported access usage record detail in EMI format over data lines or on magnetic tapes to CLEC via the CMDS host.

1.5 Exchange Message Interface (EMI) - Industry standard message format as described in accordance with the Bellcore Practice BR010-200-010 developed for the interexchange of telecommunications message information.

1.6 Interexchange Carrier (IXC) - A third party transmission provider that carriers long distance voice and non-voice traffic between user locations for a related recurring fee. IXCs provide service interstate and intrastate. (In some states IXCs are permitted to operate within a LATA.)

1.7 Interexchange Carrier Transported - Telecommunications services provided by an IXC or traffic transported by facilities belong to an IXC.

1.8 Message Processing - The creation of individual EMI formatted Access Usage Records from individual recordings that reflect the service feature group, duration and time of day for a message, Carrier Identification Code, among other fields, for use in billing access to the Interexchange Carriers. Message Processing includes performing CMDS online edits required to ensure the AURs are consistent with CMDS specifications.

1.9 Originating Local Exchange Carrier Company - The company whose local exchange telephone network in used to originate calls thereby providing originating exchange access to IXCs.

1.10 Provision of Message Detail - The sorting of all AUR detail by Revenue Accounting Office, Operating Company Number or Service Bureau, splitting of data into packs for invoicing, and loading of data into files for data transmission to CLEC for those records created internally or received from other Local Exchange Carrier Companies or Interexchange Carriers through SBC KANSAS' internal network or national CMDS.

1.11 Record - A logical grouping of information as described in the programs that process information and create the magnetic tapes or data files.

1.12 Recording - The creation and storage on magnetic tape or other medium of the basic billing details of a message in Automatic Message Accounting (AMA) format.

1.13 Service Switching Point (SSP) - A signaling point that can launch queries to databases and receive/interpret responses used to provide specific customer services.

1.14 Switching Control Point (SCP) - The real time database system that contains routing instructions for 800 calls. In addition to basic routing instructions, the SCP may also provide vertical feature translations i.e., time of day, day of week routing, out of area screening and/or translation of the dialed 800 number to its assigned working telephone number.

1.15 800 SCP Carrier Access Usage Summary Record (SCP Record) - A summary record which contains information concerning the quantity and types of queries launched to a SBC KANSAS SCP.

1.16 Terminating Local Exchange Carrier Company - The company whose local exchange telephone network is used to terminate calls thereby providing terminating exchange access to IXCs.

2.0 RESPONSIBILITIES OF THE PARTIES

2.1 SBC KANSAS will record all IXC transported messages as specified by CLEC on Exhibit II that are carried over all Feature Group Switched Access Services that are available to SBC KANSAS provided recording equipment or operators. Unavailable messages (i.e., certain operator messages which are not accessible by SBC KANSAS-provided equipment or operators) will not be recorded. The recording equipment will be provided at locations selected by SBC KANSAS.

2.2 SBC KANSAS will perform assembly and editing, message processing and provision of applicable AUR detail for IXC transported messages if the messages are recorded by SBC KANSAS.

2.3 SBC KANSAS will provide AURs that are generated by SBC KANSAS.

2.4 Assembly and editing will be performed on all IXC transported messages recorded by SBC KANSAS, during the billing period established by SBC KANSAS and selected by CLEC from Appendix II.

2.5 Standard EMI record formats for the provision of access usage record detail will be established by SBC KANSAS and provided to CLEC.

2.6 Recorded AUR detail will not be sorted to furnish detail by specific end users, by specific groups of end users, by office, by feature group or by location.

2.7 SBC KANSAS will provide AUR detail to CLEC in data files, (a File Transfer Protocol or Connect:Direct "NDM"), or any other mutually agreed upon process to receive and deliver messages using software and hardware acceptable to both Parties.

2.8 In Exhibit II, CLEC will identify separately the location where the tapes and any data transmissions should be sent (as applicable) and the number of times each month the information should be provided. SBC KANSAS reserves the right to limit the frequency of transmission to existing SBC KANSAS processing and work schedules, (holidays, etc., i.e., holidays, weekends).

2.9 SBC KANSAS and CLEC will mutually agree to follow CMDS industry standards for the packaging of records which determine the number of magnetic tapes or data files required to provide the AUR detail to CLEC.

2.10 Recorded AUR detail previously provided CLEC and lost or destroyed through no fault of SBC KANSAS will not be recovered and made available to CLEC except on an individual case basis at a cost determined by SBC KANSAS.

2.11 SBC KANSAS will record the applicable detail necessary to generate AUR and forward them to CLEC for its use in billing access to the IXC.

2.12 When CLEC is the Recording Company, the CLEC agrees to provide its recorded billable messages detail and access usage record detail data to SBC KANSAS under the same terms and conditions of this Attachment.

3.0 BASIS OF COMPENSATION

3.1 SBC KANSAS as the Recording Company, agrees to provide recording, assembly and editing, message processing and provision of message detail for Access Usage Records (AURs) ordered/required by the CLEC in accordance with this Attachment on a reciprocal, no-charge basis. CLEC, as the Recording Company, agrees to provide any and all Access Usage Records (AURs) required by SBC KANSAS on a reciprocal, no-charge basis. The Parties agree that this mutual exchange of records at no charge to either Party shall otherwise be conducted according to the guidelines and specifications contained in the Multiple Exchange Carrier Access Billing (MECAB) document.

4.0 LOSS OF USAGE

4.1 Except as otherwise provided herein, neither Party shall be liable to the other for any special, indirect, or consequential damage of any kind whatsoever. A Party shall not be liable for its inability to meet the terms of this Agreement where such inability is caused by failure of the first Party to comply with the obligations stated herein. Each Party is obliged to use its best efforts to mitigate damages.

4.2 When either party is notified that, due to error or omission, incomplete data has been provided to non-Recording Company, each Party will make reasonable efforts to locate and/or recover the data and provide it to the non-Recording Company at no additional charge. Such requests to recover the data must be made within sixty (60) calendar days from the date the details initially were made available to non-Recording Company CLEC. If written notification is not received within sixty (60) days, the Recording Company shall have no further obligation to recover the data and shall have no further liability to the non-Recording Company.

4.3 If, despite timely notification by the non-Recording Company, AUR detail is lost and unrecoverable as a direct result of the Recording Company having lost or damaged tapes or incurred system outages while performing recording, assembly and editing, rating, message processing, and/or transmission of AUR detail, both Parties will estimate the volume of lost messages and associated revenue based on information available to it concerning the average revenue per minute for the average interstate and/or intrastate call. In such events, the Recording Company's liability will be limited to the granting of a credit adjusting amounts otherwise due from it equal to the estimated net lost revenue associated with the lost AUR detail.

4.4 Each Party will not be liable for any costs incurred by the other Party when transmitting data files via data lines and a transmission failure results in the nonreceipt of data.

5.0 INDEMNIFICATION

5.1 Except as otherwise expressly provided in this Attachment, Indemnification and limitation of liability provisions covering the matters addressed in this Attachment are contained in the General Terms and Conditions portion of the Agreement.

6.0 WARRANTIES

SBC KANSAS ASSUMES NO RESPONSIBILITY WITH REGARD TO THE CORRECTNESS OF THE DATA SUPPLIED BY CLEC WHEN THIS DATA IS ACCESSED AND USED BY A THIRD PARTY.

EXHIBIT I
SERVICES

The attached pages of this Exhibit show the service options that are offered under this Agreement.

EXPLANATION OF SERVICE OPTIONS

ORIGINATING 1+ DDD RECORDINGS - IXC TRANSPORTED MESSAGE DETAIL AND ACCESS USAGE RECORDS

Option #1: This option has been withdrawn.

Option #2: The Recording Company performs recording, assembly and editing of the billable message detail and extracts that detail to the IXC for all 1+ IXC transported messages originating from the CLEC end office. The Recording Company creates Access Usage Records for this traffic and forwards those AUR records to the CLEC.

Option #3: The Interexchange Carriers do own billable message recording for their 1+ IXC transported messages originating from the CLEC end office. The Recording Company performs recording for Access purposes only, assembles and edits this data, creates AURs and forwards the AUR records to the CLEC.

ORIGINATING OPERATOR RECORDINGS - IXC TRANSPORTED MESSAGE DETAIL AND ACCESS USAGE RECORDS

Option #4: CLEC Non-Equal Access End Office - The Interexchange Carriers do own billable message recording. The Recording Company performs local and intraLATA operator services for the CLEC. The Recording Company performs recording at the operator switch for all 0+, 0-, Coin Sent Paid, CAMA and International IXC transported messages. The Recording Company assembles and edits this data, creates AURs and forwards the AUR records to the CLEC.

Option #5: CLEC Equal Access End Office - The Interexchange Carriers do own billable message recording. The Recording Company performs local and intraLATA operator services for the CLEC. The Recording Company performs recording at the operator switch for 0- only IXC transported messages. The Recording Company assembles and edits this data, creates AURs and forwards the AUR records to the CLEC.

Option #6: This option has been withdrawn.

Option #7: This option has been withdrawn.

800 RECORDINGS - IXC TRANSPORTED MESSAGE DETAIL

Option #8: Recording Company performs SSP function for CLEC end office and bills query charge to the appropriate Interexchange Carrier. The Recording Company performs recording for Access purposes only, assembles and edits this data, creates AURs and forwards AUR records to CLEC.

Option #9: This option has been withdrawn.

Option #10: Recording Company performs SCP function for CLEC. The Recording Company performs recording at the SCP, assembles and edits this data, creates SCP records and forwards SCP records to the CLEC.

TERMINATING RECORDINGS - IXC TRANSPORTED ACCESS USAGE RECORDS

Option #11: Recording Company provides tandem function for CLEC. The CLEC requests Recording Company to provide all Feature Group B, Feature Group C and Feature Group D terminating usage recordings including Feature Group B over D and Feature Group C over D. Recording Company creates terminating AURs for this data and forwards AUR records to the CLEC.

Option #12: Recording Company provides tandem function for CLEC. The CLEC requests Recording Company to provide all Feature Group B terminating usage recordings excluding B over D. Recording Company creates terminating AURs for this data and forwards AUR records to the CLEC.

Option #13: Recording Company provides tandem function for CLEC. The CLEC requests Recording Company to provide all Feature Group B terminating usage recordings including Feature Group B over D. Recording Company creates terminating AURs for this data and forwards AUR records to the CLEC.

Option #14: Recording Company provides tandem function for CLEC. The CLEC requests Recording Company to provide all Feature Group D terminating usage recordings including B over D and C over D. Recording Company creates terminating AURs for this data and forwards AUR records to the CLEC.

Option #15: Recording Company provides tandem function for CLEC. The CLEC requests Recording Company to provide all Feature Group D terminating usage recordings including B over D. Recording Company creates terminating AURs for this data and forwards AUR records to the CLEC.

EXHIBIT II
INVOICE DESIGNATION

COMPANY NAME:

EXCHANGE COMPANY I.D. NUMBER (OCN):

BILLABLE INVOICE INTERVAL:

Check One:

___ Daily (Full Status RAO Companies will receive billable messages daily, Monday-Friday excluding holidays.)

___ Bill period (Please choose a maximum of five dates for SBC SOUTHWEST REGION 5-STATE. A file will be created approximately 3 to 5 workdays after the chosen bill date(s):

1 3 5 7 9 11 13 15 17 19 21 23 25 27 29

AUR INVOICE INTERVAL:

Check One:

___ Daily (Full Status RAO Companies will receive AURs daily, Monday-Friday except holidays.)

___ Bill period (Please choose a maximum of five dates for SBC SOUTHWEST REGION 5-STATE. A file will be created approximately 3 to 5 workdays after the chosen bill date(s):

1 3 5 7 9 11 13 15 17 19 21 23 25 27 29

ATTACHMENT 25: xDSL

1.0 INTRODUCTION[1]

1.1 SBC KANSAS agrees to provide CLEC with access to UNEs (including the unbundled xDSL Capable Loop and xDSL Subloop offerings) in accordance with the terms and conditions set forth in this xDSL Attachment and the FCC's Triennial Review Order and associated lawful and effective implementing rules, 47 C.F.R. § 51.319(a)(l)(i), (iii) and (iv) and (b)(l), as such rules may be modified from time to time, and the general terms and conditions applicable to UNEs under this Agreement and at the rates set forth in the Appendix Pricing, Schedule of Prices of this Agreement, for CLEC to use in conjunction with its desired xDSL technologies and equipment to provide xDSL services to end user customers.

1.2 Nothing in this Attachment shall constitute a waiver by either Party of any positions it may have taken or will take in any pending regulatory or judicial proceeding or any subsequent interconnection agreement negotiations. This Attachment also shall not constitute a concession or admission by either Party and shall not foreclose either Party from taking any position in the future in any forum addressing any of the matters set forth herein.

2.0 DEFINITIONS

Except as may otherwise be noted in an Appendix to this Attachment, the following definitions apply to this Attachment and its Appendices:

2.1 An "xDSL-Capable Loop" is a loop that supports the provision of high-speed data transmission services using any of xDSL technologies.

2.1.1 For purposes of this Attachment, an "xDSL Loop" is defined as a 2-wire or 4-wire copper local loop transmission facility between a distribution frame (or its equivalent) in a central office and the loop demarcation point at an end user customer premises, that may be conditioned at CLEC's request, in order for CLEC to provide xDSL-based services over such loop.

2.1.2 For purposes of this Attachment and as provided for in 47 C.F.R. Section 51.319(b), as such rule may be modified from time to time, an "xDSL Subloop" is defined as any distribution portion of a 2-wire or 4-wire copper loop that is comprised entirely of copper wire or copper cable, that acts as a transmission facility between any distribution point of technically feasible access in SBC KANSAS' outside plant and the demarcation point at an end-user customer premise, that may be conditioned at CLEC's request in order for CLEC to provide xDSL-based services over such Subloop. Subloops are also more specifically addressed in the subloop provisions applicable to this Agreement. A point of technically feasible access is any point in SBC KANSAS' outside plant where a technician can access the copper wire within a cable without removing a splice case as more fully defined in Attachment UNE-Appendix Subloop. The subloop and collocation provisions set forth elsewhere in this Agreement (e.g., the Attachment UNE Appendix Subloop and Attachment Collocation) will also apply to the xDSL Subloop. If there is any conflict between the provisions set forth in this Attachment as to the xDSL Subloop and the provisions set forth elsewhere in this Agreement specific to subloops, the subloop-specific language set forth elsewhere in this Agreement (e.g. the Appendix Subloop shall control).

2.2 The term "conditioning" as used herein shall refer to the removal by SBC KANSAS of load coils, bridged tap, and/or repeaters on an xDSL Loop or xDSL Subloop, upon request by CLEC at the conditioning rates set forth in the Appendix Pricing, Schedule of Prices of this Agreement ("Pricing Schedule") and Appendix

[1] The inclusion of the provisions above with asterisks in this Attachment xDSL shall not constitute a waiver by either party as to their respective positions as to whether such provisions are required to be offered under Sections 251(b) or (c) of the Act and are subject or not subject to Section 251/252 negotiation and arbitration. Rather, in agreeing not to dispute the inclusion of the subject provisions in this Attachment xDSL, both Parties do not waive, but instead fully reserve all of their rights, arguments and positions in any pending or future regulatory or judicial proceedings and in any future negotiations or pending negotiations as to whether the subject provisions are or are not subject to Sections 251 and 252 of the Act, including without limitation, negotiation and arbitration under Sections 251/252 of the Act. The inclusion of these provisions in this Attachment xDSL and resolution by the Parties as to these provisions shall not constitute a concession or admission by either Party and may not be introduced by one party as to the other to attempt to show the consent or waiver by one party as to its position(s) in this regard.

RABT-MMP, and subject to the terms and conditions set forth herein below. Bridged tap may be "excessive" or "non-excessive" as defined below.

2.3 The term "Digital Subscriber Line" ("DSL") describes various technologies and services. The "x" in "xDSL" is a place holder for the various types of DSL services, including, but not limited to ADSL (Asymmetric Digital Subscriber Line), HDSL (High-Speed Digital Subscriber Line), IDSL (ISDN Digital Subscriber Line), SDSL (Symmetrical Digital Subscriber Line), UDSL (Universal Digital Subscriber Line), VDSL (Very High-Speed Digital Subscriber Line), and RADSL (Rate-Adaptive Digital Subscriber Line).

2.4 Intentionally left blank

2.5 The term "excessive bridged tap" as used herein shall refer to bridged tap in excess of 2,500 feet in total length.

2.6 The term "non-excessive bridged tap" as used herein shall refer to bridged tap 2,500 feet in total length or less.

2.7 A loop technology that is "presumed acceptable for deployment" is one that either complies with existing industry standards, has been successfully deployed by any carrier in any state without significantly degrading the performance of other services, or has been approved by the Federal Communications Commission ("FCC"), any state commission, or an industry standards body.

2.8 A "non-standard xDSL-based technology" is a loop technology that is not presumed acceptable for deployment under Section 2.7 of this Attachment. Deployment of non-standard xDSL-based technologies is allowed and encouraged by this Agreement.

2.9* "Continuity" shall be defined as a single, uninterrupted path along a circuit, from the Minimum Point of Entry (MPOE) or other demarcation point to the Point of Interface (POI) located on the horizontal side of the Main Distribution Frame (MDF) or, in the case of Subloops, from the demarcation point to CLEC's Subloop Access Arrangement or Engineering Controlled Splice (as defined in Attachment UNE—Appendix Subloop).

2.10* "Proof of Continuity" shall be determined by performing a physical fault test from the MPOE or other demarcation point to the POI located on the horizontal side of the MDF, or, in the case of Subloops, from the demarcation point to CLEC's Subloop Access Arrangement or Engineering Controlled Splice (as defined in Attachment UNE—Appendix Subloop), by providing a short across the circuit on the tip and ring, and registering whether it can be received at the far end. This test will be known hereafter as "Proof of Continuity" or "Continuity Test."

2.11* "Acceptance Testing" shall be defined as the joint testing for xDSL Loops or xDSL Subloops between SBC KANSAS' Technician, its Local Operations Center ("LOC"), and the CLEC's designated test representative for the purpose of verifying Continuity as more specifically described in Section 7.0 below.

2.12 "Actual Loop Length" for purposes of this Appendix refers to the total physical length of a copper loop between the SBC KANSAS Main Distribution Frame ("MDF") and the terminal location serving an End User. Any additional length attributable to central office wiring, drop wiring, bridged tap, and inside wiring ("wiring") at an End User customer's location is not included in the calculation of Actual Loop Length.

3.0 GENERAL TERMS AND CONDITIONS RELATING TO UNBUNDLED XDSL LOOPS AND XDSL SUBLOOPS

3.1 SBC KANSAS is not in any way permitted to limit xDSL loops or xDSL Subloops to the provision of ADSL.

3.2 SBC KANSAS will not impose limitations on the transmission speeds of xDSL services. SBC KANSAS will not restrict CLEC's services or technologies to a level at or below those provided by SBC KANSAS.

3.3 SBC KANSAS will provide an xDSL Loop or xDSL Subloop capable of supporting a technology presumed acceptable for deployment or non-standard xDSL technology as defined in this Attachment.

3.4 SBC KANSAS shall not deny CLEC's request to deploy any loop technology that is presumed acceptable for deployment unless it has demonstrated to the Commission that CLEC's deployment of the specific loop

technology will significantly degrade the performance of other advanced services or traditional voice band services in accordance with FCC orders. SBC KANSAS will provide CLEC with notice prior to seeking relief from the Commission under this Section.

3.5 In the event CLEC wishes to introduce a technology that has been approved by another state commission or the FCC, or successfully deployed elsewhere CLEC will provide documentation describing that action to SBC KANSAS and the Commission before or at the time of its request to deploy that technology in KANSAS. The documentation should include the date of approval or deployment, any limitations included in its deployment, and a sworn attestation that the deployment did not significantly degrade the performance of other services.

3.6 Parties to this Attachment agree that unresolved disputes arising under this Attachment will be handled under the Dispute Resolution procedures set forth in this Agreement.

3.7 Liability

3.7.1 Notwithstanding any other provision in this Attachment, SBC KANSAS and CLEC each agree that should it cause or allow any non-standard xDSL technologies to be deployed or used in connection with or on SBC KANSAS facilities, that Party ("Indemnifying Party") will pay all costs associated with any damage, service interruption or other telecommunications service degradation, or damage to the other Party's ("Indemnitee") facilities.

3.7.2 For any technology, CLEC's use of any SBC KANSAS network element, or of its own equipment or facilities in conjunction with any SBC KANSAS network element, will not materially interfere with or impair service over any facilities of SBC KANSAS, its affiliated companies or connecting and concurring carriers involved in SBC KANSAS services, cause damage to SBC KANSAS' plant, impair the privacy of any communications carried over SBC KANSAS' facilities or create hazards to employees or the public. Upon reasonable written notice and after a reasonable opportunity to cure, SBC KANSAS may discontinue or refuse service if CLEC violates this provision, provided that such termination of service will be limited to CLEC's use of the element(s) causing the violation. SBC KANSAS will not disconnect the elements causing the violation if, after receipt of written notice and opportunity to cure, CLEC demonstrates that its use of the network element is not the cause of the network harm. If SBC KANSAS does not believe CLEC has made the sufficient showing that it is not the cause of the harm, or if CLEC contests the basis for the disconnection, either Party must first submit the matter to dispute resolution under the Dispute Resolution Procedures set forth in this Agreement. Any claims of network harm by SBC KANSAS must be supported with specific and verifiable supporting information.

3.8 Indemnification

3.8.1 Covered Claim: Notwithstanding any other provision in this Attachment, each Party ("Indemnifying Party") will indemnify, defend and hold harmless the other Party ("Indemnitee") from and against any loss, liability, claim or damage ("Loss"), including but not limited to direct, indirect or consequential damages, made against Indemnitee by any telecommunications service provider or telecommunications user (other than claims for damages or other losses made by an end-user of Indemnitee for which Indemnitee has sole responsibility and liability), to the extent such Loss arose from or was caused, in whole or substantial part, by the use of non-standard xDSL technologies by the Indemnifying Party.

3.8.2 Indemnifying Party is permitted to fully control the defense or settlement of any Covered Claim, including the selection of defense counsel. Notwithstanding the foregoing, Indemnifying Party will consult with Indemnitee on the selection of defense counsel and consider any applicable conflicts of interest. Indemnifying Party shall assume all costs of the defense of any Covered Claim and any Loss indemnified pursuant to Section 3.8.1 above and Indemnitee will bear no financial or legal responsibility whatsoever arising from such Claims.

3.8.3 Indemnitee agrees to fully cooperate with the defense of any Covered Claim. Indemnitee will provide written notice to Indemnifying Party of any Covered Claim at the address for notice assigned herein within ten days of receipt, and, in the case of receipt of service of process, will deliver such process to Indemnifying Party not later than 10 business days prior to the date for response to the process. Indemnitee will provide to

Indemnifying Party reasonable access to or copies of any relevant physical and electronic documents or records related to the deployment of non-standard xDSL technologies used by Indemnitee in the area affected by the claim, all other documents or records determined to be discoverable, and all other relevant documents or records that defense counsel may reasonably request in preparation and defense of the Covered Claim. Indemnitee will further cooperate with Indemnifying Party's investigation and defense of the Covered Claim by responding to reasonable requests to make its employees with knowledge relevant to the Covered Claim available as witnesses for preparation and participation in discovery and trial during regular weekday business hours. Indemnitee will promptly notify Indemnifying Party of any settlement communications, offers or proposals received from claimants.

3.8.4 Indemnitee agrees that Indemnifying Party will have no indemnity obligation under Section 3.8.1 above, and Indemnitee will reimburse Indemnifying Party's defense costs, in any case in which Indemnifying Party's technology is determined not to be the cause of any of Indemnitee's liability.

3.9 Claims Not Covered: No Party hereunder agrees to indemnify or defend any other Party against claims based on the other Party's gross negligence or intentional misconduct.

4.0 UNBUNDLED XDSL-CAPABLE LOOP AND SUBLOOP OFFERINGS

4.1 xDSL-Capable Loops and Subloops

4.1.1 2-Wire xDSL Loop: A 2-wire xDSL loop for purposes of this section, is a copper loop that supports the transmission of Digital Subscriber Line (DSL) technologies. A copper loop used for such purposes will meet basic electrical standards such as metallic conductivity and capacitive and resistive balance and, based upon industry standards, should not include load coils, mid-span repeaters or excessive bridged tap (bridged tap in excess of 2,500 feet in length). However, removal of load coils, repeaters and/or excessive bridged tap on an existing loop is optional, subject to conditioning charges and will be performed by SBC KANSAS at CLEC's request as more specifically set forth in Section 6 below. The rates set forth in the Pricing Schedule shall apply to this 2-Wire xDSL Loop.

4.1.2 IDSL Loop: An IDSL Loop for purposes of this Section is a 2-Wire IDSL digital loop transmission facility which supports IDSL-based services. (The terms and conditions for the 2-Wire Digital Loop are set forth in the Attachment UNE to this Agreement.) This loop also includes additional acceptance testing to insure the IDSL technology is compatible with the underlying Digital Loop Carrier system if present. IDSL is not compatible with all Digital Loop Carrier Systems and therefore this offering may not be available in all areas. SBC KANSAS has advised CLEC, through the Accessible Letter or alternative process, which SBC KANSAS central offices are IDSL-capable. CLEC shall only order IDSL Loops in those central offices which SBC KANSAS has advised are IDSL-capable. The rates set forth in the Pricing Schedule shall apply to this IDSL Loop.

4.1.3 4-Wire xDSL Loop: A 4-wire xDSL loop for purposes of this section, is a copper loop that supports the transmission of DSL technologies. A copper loop used for such purposes will meet basic electrical standards such as metallic conductivity and capacitive and resistive balance, and based upon industry standards, should not include load coils, mid-span repeaters and/or excessive bridged tap (bridge tap in excess of 2,500 feet in length). However, removal of load coils, repeaters and/or excessive bridged tap on an existing loop is optional and will be performed by SBC KANSAS at CLEC's request as more specifically set forth in Section 6 below. The rates set forth in the Pricing Schedule for the 4-Wire Analog Loop shall apply to this 4-Wire xDSL Loop.

4.1.4 4-Wire Digital Loop: See Attachment 6: UNE.

4.1.5 xDSL Subloop: An xDSL Subloop for purposes of this Attachment is as defined above in Section 2.1.2. The 2-wire or 4-wire xDSL Loop types listed above may be ordered as an xDSL Subloop, subject to the conditions specified above for that loop type. An xDSL Subloop will meet basic electrical standards such as metallic conductivity and capacitive and resistive balance and, based upon industry standards, should not include load coils, mid-span repeaters or excessive bridged tap (bridged tap in excess of 2,500 feet in length). However, removal of load coils, repeaters and/or excessive bridged tap on an existing subloop is

optional, subject to conditioning charges and will be performed by SBC KANSAS at CLEC's request as more specifically set forth in Section 6 below. The rates set forth in the Pricing Schedule shall apply to xDSL Subloops.

4.2 SBC KANSAS shall be under no obligation to provision xDSL-capable Loops or Subloops in any instance where physical facilities do not exist. This shall not apply where physical facilities exist, but require conditioning. In that event, CLEC will be given the opportunity to evaluate the parameters of the xDSL service to be provided, and determine whether and what type of conditioning shall be performed at the request of the CLEC as provided in Section 6 below.

4.3 CLEC will not be required to specify a type of xDSL to be ordered. However, for each loop or subloop, CLEC should at the time of ordering notify SBC KANSAS as to the type of PSD mask CLEC intends to use, and if and when a change in PSD mask is made, CLEC will notify SBC KANSAS. Upon request by CLEC, SBC KANSAS should disclose to CLEC information with respect to the number of loops using advanced services technology within the binder and type of technology deployed on those loops. SBC KANSAS will use this information for the sole purpose of maintaining an inventory of advanced services present in the cable sheath. If the technology does not fit within a national standard PSD mask, CLEC shall provide SBC KANSAS with a technical description of the technology (including power mask) for the inventory purposes. SBC KANSAS will keep such information confidential and will take all measures to ensure that CLEC's xDSL Loop/xDSL Subloop Local Service Request (LSR), its ordering information and its deployment information is neither intentionally nor inadvertently revealed to any part of SBC KANSAS' retail operations, to any affiliate(s), or to any other CLEC without prior authorization from CLEC. Additional information on the use of PSD masks can be found in Section 10.1 below.

4.4 In the event that SBC KANSAS rejects a request by CLEC for an xDSL Loop or xDSL Subloop, including, but not limited to denial due to fiber, DLC, or DAML facility issues, SBC KANSAS will disclose to CLEC information with respect to the number of loops using advanced services technology within the binder and type of technology deployed on those loops or sub-loops, including the specific reason for the denial, within 48 hours of the denial. SBC KANSAS will also file the reason for rejection with the Kansas Corporation Commission in Project No. 21696. In no event shall the denial be based on loop length. If there is any dispute between the Parties with respect to this Section, SBC KANSAS will not deny the loop (subject to Section 3.4 above), but will continue to provision loops until the dispute is resolved in accordance with the Dispute Resolution procedures set forth in this Agreement.

4.5 SBC KANSAS will not deny CLEC's right to deploy new xDSL technologies that do not conform to the national standards and have not yet been approved by a standards body (or otherwise authorized by the FCC, any state commission or which have not been successfully deployed by any carrier without significantly degrading the performance of other services) if CLEC can demonstrate to the Commission that the loop technology will not significantly degrade the performance of other advanced services or traditional voice band services.

4.5.1 Upon request by CLEC, SBC KANSAS will cooperate in the testing and deployment of new xDSL technologies on a time and materials basis, or may direct CLEC, at CLEC's expense, to a third party laboratory of CLEC's choice for such evaluation.

4.5.2 If it is demonstrated that the new xDSL technology will not significantly degrade the other advanced services or traditional voice based services, SBC KANSAS will provide a loop or subloop to support the new technology for CLEC as follows:

4.5.2.1 If the technology requires the use of a 2-Wire or 4-Wire xDSL loop or subloop [as defined in this Attachment], then SBC KANSAS will provide with the xDSL loop or subloop at the same rates listed for a 2-Wire or 4-Wire xDSL loop or subloop and associated loop conditioning as needed (pursuant to Section 6 below). SBC KANSAS' ordering procedures and provisioning intervals will remain substantially the same, as for its 2-Wire or 4-Wire xDSL loop or subloop even though the xDSL loop or subloop is now capable of supporting a new xDSL technology.

4.5.2.2 In the unlikely event that a new xDSL technology requires a loop type that differs from that of a 2-Wire or 4-Wire loop or subloop [as defined in this Attachment], the Parties shall expend diligent efforts to arrive at an agreement as to the rates, terms and conditions for an unbundled loop or subloop capable of supporting the proposed xDSL technology. If negotiations fail, any dispute between the Parties concerning the rates, terms and conditions for an unbundled loop or subloop capable of supporting the proposed xDSL technology shall be resolved pursuant to the Dispute Resolution process provided for in this Agreement.

4.6 Technologies deployed on copper loops must be in compliance with applicable national industry standards and/or requirements established during the Kansas Commission's Section 271 proceeding, e.g., standards set by the Section 271 DSL Working Group; provided, however, CLEC can deploy technologies under Section 4.5 above for which applicable national standards have not been adopted.

4.7 If SBC KANSAS or another carrier claims that a service is significantly degrading the performance of other advanced services or traditional voice band services, then SBC KANSAS or that other carrier that is claiming degradation is occurring must notify CLEC and CLEC must cooperate with SBC KANSAS or the other claiming carrier to correct the problem. Any claims of network harm must be supported with specific and verifiable supporting information. In the event that SBC KANSAS or another carrier demonstrates to the Commission that CLEC's deployed technology is significantly degrading the performance of other advanced services or traditional voice band services, CLEC shall discontinue deployment of that technology and migrate its customers to technologies that will not significantly degrade the performance of other such services.

4.8 Each party must abide by Commission or FCC-approved spectrum management standards. SBC KANSAS shall not impose its own standards for provisioning xDSL services, through Technical Publications or otherwise, until and unless approved by the Commission prior to use.

4.9 SBC KANSAS shall not employ internal technical standards, through Technical Publications or otherwise, for its own retail xDSL, if any, that would adversely affect wholesale xDSL services or xDSL providers.

5.0 OPERATIONAL SUPPORT SYSTEMS: LOOP MAKE-UP INFORMATION AND ORDERING

5.1 General: SBC KANSAS will provide CLEC with nondiscriminatory access, whether that access is available by electronic or manual means, to its OSS functions for pre-ordering, ordering, provisioning, maintenance and repair, and billing for xDSL Loops and Subloops. CLEC will be given nondiscriminatory access to the same loop makeup information that SBC KANSAS is providing any other CLEC and/or SBC KANSAS or its advanced services affiliate. This includes any operations support systems containing loop make-up information provided by SBC KANSAS to SBC KANSAS' service representatives and/or SBC KANSAS' internal engineers and/or by SBC KANSAS' advanced services affiliate to provision its own retail xDSL service.

5.2 In connection with xDSL Loop and xDSL Subloops, SBC KANSAS shall provide actual, real-time loop makeup information to CLEC via the loop qualification process.

5.3 Loop Qualification: SBC KANSAS will provide access to its existing Datagate and EDI interfaces that will allow CLECs, as well as SBC KANSAS' retail operations or its advanced service affiliate, to have real-time electronic access as a preordering function to the Loop Makeup Information, when such information is contained in SBC KANSAS' electronic databases. If a CLEC elects to have SBC KANSAS provide actual Loop Makeup Information through a manual process for information that is not available electronically, then the interval will be 3 business days or the interval provided to SBC KANSAS' advanced services affiliate, whichever is less.

5.4 Loop makeup data is expected by the Parties to include the following: (a) the actual loop length; (b) the length by gauge; and (c) the presence of repeaters, load coils, or bridged taps; and shall include, if noted on the individual loop record, (d) the approximate location, type, and number of bridged taps, load coils, and repeaters; (e) the presence, location, type, and number of pair-gain devices, DLC, and/or DAML, and (f) the presence of disturbers in the same and/or adjacent binder groups. SBC KANSAS also shall provide to CLEC any other loop makeup information listed on the individual loop record but not listed above.

5.5 Where SBC KANSAS has not compiled Loop Makeup Information for itself, SBC KANSAS is not required to conduct a plant inventory and construct a database on behalf of CLEC. If SBC KANSAS has manual access to this sort of information for itself, or any affiliate, SBC KANSAS will provide access to it to CLEC on a non-discriminatory basis. To the extent SBC KANSAS has access to this information in an electronic format, that same format should be made available to CLEC via an electronic interface.

5.6 SBC KANSAS will provide electronic access to its existing EDI and WebLex ordering interfaces needed for efficient provisioning of advanced services such as xDSL.

6.0 PROVISIONING/REQUESTING CONDITIONING AS PART OF CLEC'S ORDER

6.1 CLEC shall designate, at CLEC's sole option, what loop conditioning (i.e., the removal of excessive bridged tap, load coils and/or repeaters) SBC KANSAS is to perform in provisioning the requested loop or subloop. Conditioning may be ordered on loop(s) or subloop(s) of any length to remove excessive bridged tap, load coils and/or repeaters at the loop conditioning rates set forth in the Pricing Schedule. Alternatively, CLEC may choose to order a loop or subloop "as is" in which case, the terms and conditions set out in optional Appendix YZP shall apply.

6.2 With respect to any CLEC request for loop conditioning to remove bridged tap on a loop or subloop under this Attachment, the following will apply:

6.2.1 SBC KANSAS will remove any excessive bridged tap on the loop or subloop so that the loop or subloop is conditioned to meet applicable industry standards. For loops that are less than a distance of 12,000 feet in Actual Loop Length between the SBC KANSAS Central Office and the end user customer's premises SBC KANSAS shall condition xDSL Loops and xDSL Subloops to remove Excessive Bridged Tap, load coils and/or repeaters at no charge to CLEC.

6.2.2 If CLEC requests conditioning to remove bridged tap, load coil and/or repeaters on an xDSL Loop where the Actual Loop Length is 12,000 feet or greater, SBC KANSAS shall condition the loop as requested to produce a "clean loop" at the rates set out in the Pricing Schedule. If CLEC requests conditioning to remove bridged tap, load coil and/or repeaters on an xDSL Subloop or xDSL Loop where the Actual Loop Length is 12,000 feet or greater, SBC KANSAS shall condition the xDSL Loop or xDSL Subloop as requested to produce a "clean xDSL Loop or xDSL Subloop" at the rates set out in the Pricing Schedule. A request to remove all or non-excessive bridged tap for xDSL Loops and xDSL Subloops is subject to the time frames for completion and the notification requirements regarding impossibility of removal that are set out in Appendix RABT-MMP, Section 3.3.

6.3 Intentionally left blank

6.4 The provisioning and installation interval for xDSL Loops, where no conditioning is requested, on orders for 1-20 loops per order or per end-user location, will be 3-5 business days, or the provisioning and installation interval applicable to SBC KANSAS' tariffed xDSL-based services, or its affiliate's, whichever is less. The provisioning and installation intervals for xDSL Loops where conditioning is requested, on orders for 1-20 loops per order or per end-user customer location, will be 10 business days, or the provisioning and installation interval applicable to SBC KANSAS' tariffed xDSL-based services or its affiliate's xDSL-based services where conditioning is required, whichever is less. Orders for more than 20 loops per order or per End-User location, where no conditioning is requested, will have a provisioning and installation interval of 15 business days, or as agreed upon by the Parties. Orders for more than 20 loops per order which require conditioning will have a provisioning and installation interval agreed to by the Parties in each instance. These provisioning intervals are applicable to every xDSL loop regardless of the loop length. Upon completion of the Subloop Access Arrangement and engineering design, the intervals (quantity and conditioning) for xDSL Subloops will be the same as the intervals set forth above for xDSL Loops.

6.5 Subsequent to CLEC's submission of the initial order for a xDSL Loop or xDSL Subloop, additional conditioning for the removal of excessive bridged tap, load coils and/or repeaters may be requested on such loop at the rates set forth in the Pricing Schedule and the applicable service order charges will apply; provided, however, when requests to add or modify conditioning are received for a pending xDSL Loop or

xDSL Sub-loop order, no additional service order charges shall be assessed, but the due date may be adjusted as necessary to meet standard offered provisioning intervals. After an order has been completed, CLEC may request the removal of all or non-excessive bridged tap, load coils and repeaters via a trouble ticket; the process, procedures and rates set out in Appendix RABT-MMP shall apply in addition to any applicable rates in this Attachment. The provisioning interval for additional requests for conditioning pursuant to this subsection will be the same as set forth above. In addition, CLEC agrees that standard offered intervals do not constitute performance measure commitments. Performance measures, if any, applicable to provisions of this Attachment are contained in Attachment 17: Performance Measures of this Agreement.

6.6 CLEC, at its sole option, may request shielded cross-connects for central office wiring at rates set forth in Pricing Schedule.

7.0* ACCEPTANCE TESTING

7.1* Should CLEC desire Acceptance Testing, CLEC shall request such testing on a per xDSL loop or xDSL subloop basis upon issuance of the Local Service Request (LSR). Acceptance Testing will be conducted at the time of installation of the service request.

7.2* Acceptance Testing Procedure:

7.2.1* Upon delivery of a loop or subloop to CLEC, SBC KANSAS' field technician will call the Local Operations Center (LOC) and the LOC technician will call a toll free number provided by CLEC to initiate performance of a series of Acceptance Tests.

7.2.1.1* Except for IDSL loops or subloops that are provisioned through repeaters or digital loop carriers, the SBC KANSAS field technician will provide a solid short across the tip and ring of the circuit and then open the loop circuit.

7.2.1.2* For IDSL loops or subloops that are provisioned through repeaters or digital loop carriers, the SBC KANSAS field technician will not perform a short or open circuit.

7.2.2* If the loop passes the "Proof of Continuity" parameters, as defined by this Attachment for xDSL loops, CLEC will provide SBC KANSAS with a confirmation number and SBC KANSAS will complete the order. CLEC will be billed and shall pay for the Acceptance Test as specified below under Acceptance Testing Billing.

7.2.3* If the Acceptance Test fails loop continuity test parameters, as defined by this Attachment for xDSL loops, the LOC or field technician will take reasonable steps to immediately resolve the problem with the CLEC on the line including, but not limited to, calling the central office to perform work or troubleshooting for physical faults. If the problem cannot be resolved in an expedient manner, the SBC KANSAS technician will release the CLEC technician, and perform the work necessary to correct the situation. Once the loop is correctly provisioned, SBC KANSAS will contact CLEC to repeat the Acceptance Test. When the aforementioned test parameters are met, CLEC will provide SBC KANSAS with a confirmation number and SBC KANSAS will complete the order. If SBC KANSAS determines loop continuity parameters are met, SBC KANSAS may close the order. SBC KANSAS will not complete an order that fails Acceptance Testing.

7.2.4* Until such time as CLEC and SBC KANSAS agree, or industry standards establish, that their test equipment can accurately send signals through repeaters or digital loop carriers, CLEC will accept IDSL loops or subloops without testing the complete circuit. Consequently, SBC KANSAS agrees that should CLEC open a trouble ticket on such a loop or subloop within ten (10) business days (that is the fault of SBC KANSAS), SBC KANSAS will adjust CLEC's bill and refund the recurring charge of such a loop until SBC KANSAS has resolved the problem and closed the trouble ticket.

7.2.5* SBC KANSAS will be relieved of the obligation to perform Acceptance Testing on a particular loop or subloop and will, assume acceptance of the loop or subloop by CLEC when CLEC places the SBC KANSAS LOC or field technician on hold for over ten (10) minutes. In that case, SBC KANSAS may close the order utilizing existing procedures. Except as otherwise provided in this Attachment, if no trouble ticket is opened on that loop or subloop within 24 hours, SBC KANSAS may bill and CLEC shall pay as if the Acceptance

Test had been completed and the loop or subloop accepted. If, however, a trouble ticket is opened on the loop or subloop within 24 hours and the trouble resulted from SBC KANSAS error, CLEC will be credited for the cost of the acceptance test. Additionally, CLEC may subsequently request and SBC KANSAS will perform testing of such a loop or subloop under the terms and conditions of a repair request. If such loop or subloop is found by SBC KANSAS to not meet loop continuity test parameters as defined herein, SBC KANSAS will not charge for any acceptance testing performed on the repair call.

7.2.6* If a trouble ticket is opened within 24 hours of a loop or subloop order completion, and the trouble is determined to be SBC KANSAS' error, SBC KANSAS will credit CLEC for any charge(s) previously assessed to CLEC for the test.

7.2.7* Both Parties will work together to implement Acceptance Testing procedures that are efficient and effective. If the Parties mutually agree to additional testing, procedures and/or standards not covered by this Agreement or any commission-ordered tariff, the Parties will negotiate terms and conditions to implement such additional testing, procedures and/or standards. Additional charges may apply if any agreed-to changes require SBC KANSAS to expend additional time and expense.

7.3* Acceptance Testing Billing

7.3.1* CLEC will be billed for Acceptance Testing upon the effective date of this Attachment for loops and subloops that are installed correctly by the committed interval without the benefit of corrective action performed by SBC KANSAS due to acceptance testing. In particular, CLEC shall pay Maintenance of Service charges on a time and material basis, in 30-minute increments, for the SBC KANSAS technician time involved, pursuant to the FCC tariffed rates set forth in FCC Tariff No. 73, Section 13.4.4; provided, however, the tariffed rates referenced shall be deemed to be automatically revised and updated in the event that the referenced tariff rates are modified during the term of this Agreement. If requested by CLEC, Overtime or Premium time charges will apply for Acceptance Testing requests in off-hours at overtime charges calculated at one and one half times the standard price and premium time as provided for in such tariff.

8.0* COOPERATIVE TESTING

8.1* The charges for Cooperative Testing shall be the same as provided for in Section 7.3.1 above. If requested by CLEC, Overtime or Premium time charges will apply for Cooperative Testing requests in off hours at overtime time and premium time tariffed charges referenced above.

8.2 Intentionally left blank.

8.3* Should CLEC desire Cooperative Testing, it shall request such testing on a trouble ticket on each xDSL capable loop or subloop upon issuance of the trouble ticket.

8.4* If the trouble ticket was opened without a request for Cooperative Testing, and CLEC should determine that it is desired or needed during any subsequent phase of maintenance and repair, the request may be added; however, a trouble ticket commitment date will be calculated to account for the additional work.

8.5* COOPERATIVE TESTING PROCEDURE

8.5.1* The SBC KANSAS field technician will call the LOC and the LOC will contact CLEC for test and resolution of the trouble ticket and to verify basic metallic loop parameters including proof of continuity and pair balance.

8.5.2* If the loop or subloop passes the "Proof of Continuity" parameters, as defined by this Attachment for xDSL capable loops or subloops, the technician will close out the trouble report and the LOC will bill and CLEC shall pay for the Cooperative Test as provided for in Section 7.3.1 above.

8.5.3* If the Cooperative testing fails "Proof of Continuity" parameters, as defined by this Attachment for xDSL capable loops or subloops, the LOC technician will take any reasonable steps to immediately resolve the problem with CLEC on the line including, but not limited to, calling the central office to perform work or troubleshooting for physical faults. If the problem cannot be resolved in an expedient manner, the technician will release the CLEC representative, and perform the work reasonably necessary to bring the loop or subloop to standard continuity parameters as defined by this Attachment for xDSL capable loops or

subloops. When the aforementioned test parameters are met, the LOC will contact CLEC for another Cooperative Test.

8.5.4* SBC KANSAS will be relieved of the obligation to perform Cooperative Testing on a particular loop or subloop and will assume acceptance of the test by CLEC when CLEC cannot provide a "live" representative (through no answer or placement on hold) for over ten (10) minutes. SBC KANSAS may then close the trouble ticket, document the time and reason, and may bill CLEC, and CLEC shall pay, as if the Cooperative Test had been completed as provided for in Section 7.3.1 above.

9.0 SERVICE QUALITY AND MAINTENANCE

9.1 Intentionally left blank.

9.2 Maintenance, other than assuring loop continuity and balance, on unconditioned or partially conditioned loops or subloops in excess of 12,000 feet will only be provided on a time and material basis as provided for in Section 7.3.1 above. On loops or subloops where CLEC has requested that no conditioning be performed, SBC KANSAS' maintenance will be limited to verifying loop suitability based on POTS design. For loops having had partial or extensive conditioning performed at CLEC's request, SBC KANSAS will verify continuity, the completion of all requested conditioning, and will repair at no charge to CLEC any gross defects which would be unacceptable based on current POTS design criteria and which do not result from the loop's modified design.

9.3 For loops or subloops currently in service where trouble ticket resolution has identified that excessive bridged tab (bridged tap in excess of 2,500 feet), load coils and/or repeaters are present on the loop or subloop and transferring to a new loop or subloop is a solution identified by SBC KANSAS to resolve the trouble ticket, SBC KANSAS, at its sole option may perform a line and station transfer ("LST") to resolve and close out the identified trouble. In the event that a request for conditioning is received from CLEC on a loop or subloop currently in service and SBC KANSAS determines that an LST can be performed, the appropriate SBC KANSAS Local Operations Center ("LOC") will contact CLEC to inform it that an LST will be performed in lieu of CLEC's requested conditioning. In such cases where SBC KANSAS elects to perform an LST to resolve the identified trouble, CLEC will be billed and shall pay for such LST as outlined in the Pricing Schedule, but shall not be obligated to pay any maintenance or trip charges for SBC KANSAS' technicians to identify the problem. If, however, the LST does not resolve the reported trouble and the trouble is determined to be an SBC KANSAS network-related problem, CLEC will not be charged the LST rate or for SBC KANSAS' resolution of the trouble. If, however, the trouble is found to be a CPE or a non-SBC KANSAS network-related problem, then a Maintenance of Service and/or Time and Materials charge set forth in FCC Tariff No. 73, Section 13.4.4 will apply in addition to the LST charge. If an LST is performed, SBC KANSAS shall work diligently to minimize end-user customer service outage.

9.4 Each xDSL-Capable Loop or Subloop offering provided by SBC KANSAS to CLEC will be at least equal in quality and performance as that which SBC KANSAS provides to itself or to an affiliate.

10.0 SPECTRUM MANAGEMENT

10.1 The parties shall comply with the FCC's lawful and effective spectrum management rules, 47 C.F.R. § 51.231-233, as such rules may be modified from time to time. CLEC will advise SBC KANSAS of the Power Spectral Density ("PSD") mask approved or proposed by T1.E1 that reflects the service performance parameters of the technology to be used. CLEC, at its option and without further disclosure to SBC KANSAS, may provide any service compliant with that PSD mask so long as it stays within the allowed service performance parameters. At the time of ordering an xDSL loop or subloop, CLEC will notify SBC KANSAS as to the type of PSD mask CLEC intends to use on the ordering form and, if and when a change in PSD mask is made, CLEC will notify SBC KANSAS as set forth in Section 4.3 above. CLEC will abide by standards pertinent for the designated PSD mask type.

10.2 SBC KANSAS shall not implement, impose or maintain any spectrum management, selective feeder separation, or binder group management program. SBC KANSAS may not segregate or reserve loop binder groups, pair ranges or pair complements exclusively for the provisioning of ADSL and/or POTS

services to the exclusion of other xDSL technologies. SBC KANSAS may not segregate xDSL technologies into designated loop binder groups, pair ranges or pair complements without prior Commission review and approval. SBC KANSAS will not impose restrictions, on use of loop pairs for non-ADSL xDSL services, either through designations in the LFACS and LEAD databases or by the rules in LFACS limiting deployment of non-ADSL xDSL services to certain loop pair ranges. SBC KANSAS will not deny requests for loops or subloops based on spectrum management issues.

10.3 In the event that a loop technology without national industry standards for spectrum management is deployed, SBC KANSAS, CLECs and the Commission shall jointly establish long-term competitively neutral spectral compatibility standards and spectrum management rules and practices so that all carriers know the rules for loop technology deployment. The standards, rules and practices shall be developed to maximize the deployment of new technologies within binder groups while minimizing interference, and shall be forward-looking and able to evolve over time to encourage innovation and deployment of advanced services. These standards are to be used until such time as national industry standards exist. CLECs that offer xDSL-based service consistent with mutually agreed-upon standards developed by the industry in conjunction with the Commission, or by the Commission in the absence of industry agreement, may order local loops or subloops based on agreed-to performance characteristics. SBC KANSAS will assign the local loop or subloop consistent with the agreed-to spectrum management standards.

10.4 In the event that the FCC or the industry establishes long-term standards and practices and policies relating to spectrum compatibility and spectrum management that differ from those established in this Agreement, SBC KANSAS and CLEC agree to comply with the FCC and/or industry standards, practices and policies and will establish a mutually agreeable transition plan and timeframe for achieving and implementing such industry standards, practices and policies.

10.5 In such case, SBC KANSAS will manage the spectrum in a competitively neutral manner consistent with all relevant industry standards regardless of whether the service is provided by a CLEC or by SBC KANSAS, as well as competitively neutral as between different xDSL services. Where disputes arise, SBC KANSAS and CLEC will put forth a good faith effort to resolve such disputes in a timely manner. As a part of the dispute resolution process, SBC KANSAS will, upon request from a CLEC, disclose within 3-5 business days information with respect to the number of loops using advanced services technology within the binder group and the type of technology deployed on those loops so that the involved parties may examine the deployment of services within the affected loop plant, if any.

10.6 Within thirty (30) days after general availability of equipment conforming to applicable industry standards or the mutually agreed upon standards developed by the industry in conjunction with the Commission or FCC, if SBC KANSAS and/or CLEC is providing xDSL technologies deployed under Section 4.0 above, or other advanced services for which there is no standard, then SBC KANSAS and/or CLEC must begin the process of bringing its deployed xDSL technologies and equipment into compliance with such standards at its own expense.

11.0 PRICING

11.1 The rates for xDSL Loops, xDSL Subloops, Loop Qualification – Manual, Loop Conditioning, xDSL cross-connects – standard xDSL cross-connects – shielded and for Loop Qualification – Mechanized are set forth in the Appendix Pricing, Schedule of Prices of the Agreement. The Parties further understand and agree that nothing in this Attachment or Agreement shall foreclose and/or otherwise affect either Party's rights to retroactive true-up for any interim rates for xDSL capable loops and associated offerings (e.g., loop qualification, loop conditioning, xDSL cross-connects, etc.), to which it may be entitled for the period prior to the effective date of this Agreement

11.2 SBC KANSAS will make "clean loops" and "clean subloops" available for all xDSL services and use by all xDSL providers. When CLEC orders an xDSL Loop or xDSL Subloop, SBC KANSAS will make available for use on a nondiscriminatory basis loops and subloops that do not need conditioning. If no "clean loops" or "clean subloops" are available for use, then the conditioning charges set forth in the Pricing Schedule shall apply. SBC KANSAS' retail and/or advanced services affiliate shall not be given preferential access to

"clean loops," or "clean subloops" nor shall such "clean loops" or "clean subloops" be reserved exclusively for ADSL services.

11.3 The conditioning charges, set forth in the Pricing Schedule, are applicable to every xDSL Loop and xDSL Subloop as to a loop that is 12,000 feet in Actual Loop Length or greater for which CLEC requests the removal of excessive bridged tap, load coils, and/or repeaters and the RABT-MMP Appendix for removal of non-excessive bridged tap.

12.0 RESERVATION OF RIGHTS/INTERVENING LAW

12.1 The Parties acknowledge and agree that the intervening law language set forth in Section 23 of the General Terms and Conditions of this Agreement shall apply to all of the rates, terms and conditions set forth in this Attachment, in addition to all of the other rates, terms and conditions set forth in this Agreement, including any other Attachments/Appendices to such Agreement.

APPENDIX FOR THE REMOVAL OF ALL OR NON-EXCESSIVE BRIDGED TAP AFTER LOOP COMPLETION USING A MODIFIED MAINTENANCE PROCESS

Appendix to Attachment 25 xDSL

1.0 INTRODUCTION

1.1 This Appendix to Attachment 25 sets forth the terms and conditions for the Removal of All or Non-Excessive Bridged Tap ("RABT") using a modified version of the standard maintenance process for xDSL Loops and xDSL Subloops where CLEC requests such removal after its order for an xDSL Loop or xDSL Subloop has been completed. This process is available to CLEC as an alternative to SBC KANSAS' existing ordering processes but applies only to completed loops.

2.0 DEFINITIONS

2.1 "Minimum qualifications" as used herein means a loop that has no load coil(s), repeater(s), or bridged tap in excess of 2,500 feet in total length.

2.2 "No Sync situation" as used herein means that after the completion of a provisioning service order, CLEC is experiencing a situation in which its DSLAM will not communicate (sync) with the End-User premises.

2.3 "Removal of All or Non-Excessive Bridged Tap" as used herein means the removal of all bridged tap (i.e., both Excessive and Non-Excessive) or the removal of Non-Excessive bridged tap in response to CLEC's request in connection with CLEC's xDSL Loop or xDSL Subloop.

3.0 REMOVAL OF ALL OR NON-EXCESSIVE BRIDGED TAP OFFERING

3.1 CLEC may request Removal of All or Non-Excessive Bridged Tap by either (1) ordering an xDSL Loop or xDSL Subloop and requesting such removal on its original service order or (2) generating a trouble ticket pursuant to Section 5 of this Appendix with the Local Operations Center (LOC) after the service order for an xDSL Loop or xDSL Subloop has completed and specifying the type of bridged tap conditioning requested on the trouble ticket. If CLEC selects option (1) above, Removal of All or Non-Excessive Bridged Tap shall be performed in accordance with the rates, terms and conditions set out in Attachment 25 xDSL. If CLEC selects option (2) above, Removal of All or Non-Excessive Bridged Tap shall be performed in accordance with the rates, terms and conditions set out in the following sections of this Appendix. Irrespective of whether CLEC selects option (1) or option (2), the limitations set forth in Section 3.3 shall apply.

3.2 Upon CLEC's request, the LOC will investigate and will address any SBC KANSAS non-conditioning related reasons for any No Sync situation, or ensure CLEC's bridged tap removal request is appropriate by verifying the subject bridged tap is located on the loop: provided, however, SBC KANSAS does not guarantee the synchronization of any loop.

3.3 Except as otherwise provided below, in response to CLEC's request for removal of All or Non-Excessive Bridged Tap, either in its original order or in a trouble ticket, SBC KANSAS will offer CLEC a zero plus five (0 + 5) business day interval, subject to Sections 3.3.1 and 3.3.2 below.

3.3.1 In those instances where SBC KANSAS determines it is not possible to remove All or Non-Excessive Bridged Tap, e.g., in those situations in which (i) municipalities will not grant rights of way to certain areas; or (ii) there are other issues associated with access to the subject facilities; or (iii) events, actions or circumstances exist or arise that are outside the sole control of SBC KANSAS, SBC KANSAS has no obligation to perform the requested conditioning.

3.3.2 In those instances where SBC KANSAS determines that it can Remove All or Non-Excessive Bridged Tap but cannot meet the zero plus five (0 + 5) business day interval e.g., in those situations (i) involving municipalities which may affect access to certain areas; or (ii) there are other issues associated with access to the subject facilities; or (iii) events, actions or circumstances exist or arise that are outside the sole control of SBC KANSAS, the Parties understand and agree that the zero plus five (0 + 5) business day interval set forth above shall not

apply, but instead, in such situations, SBC KANSAS will respond to CLEC's request for Removal of All or Non-Excessive Bridged Tap for xDSL Loops and xDSL Subloops in parity with the repair intervals SBC KANSAS provides to its advanced services affiliate(s) in Kansas.

3.3.3 SBC KANSAS will advise CLEC as soon as possible when SBC KANSAS is unable to remove All or Non-Excessive Bridged Tap or is unable to meet the zero plus five (0 + 5) business day interval.

3.4 If Removal of All or Non-Excessive Bridged Tap has been requested by the CLEC on a trouble ticket, the opening of the trouble ticket with specific conditioning requests will be used as authorization from CLEC for SBC KANSAS to condition the loop as requested.

3.5 CLEC shall pay the appropriate conditioning charges for Removal of All or Non-Excessive Bridged Tap as set out in the Pricing Schedule set out in this Appendix.

4.0 TESTING

4.1 All testing requests after the completion of the service order will follow the testing procedures outlined for xDSL Loops and xDSL Subloops, as applicable, set out in Attachment 25 of this Agreement.

4.2 CLEC shall assist in trouble isolation for the Removal of All or Non-Excessive Bridged Tap-related initial trouble tickets by obtaining and providing to SBC KANSAS interferor information on the loop or subloop at the time of opening the trouble ticket. For best results, CLEC is encouraged to provide appropriate testing equipment for its technician to determine the presence and location of the following: the number and location of load coil(s), repeater(s) and section(s) of bridged tap, including the length of individual section(s).

5.0 MAINTENANCE/SERVICE ASSURANCE

5.1 Prior to opening of a trouble ticket for the Removal of All or Non-Excessive Bridged Tap, CLEC must verify that the problem is not CLEC-related. If a Removal of All or Non-Excessive Bridged Tap trouble ticket is opened, and it is later determined by SBC KANSAS that the requested conditioning is not available because no such bridged tap was on the loop, the trouble ticket will be closed and CLEC shall pay the Maintenance Service Charge on a Time and Material basis in accordance with Section 7 of Attachment 25 - xDSL.

5.2 CLEC may open a trouble ticket for the Removal of All or Non-Excessive Bridged Tap via the following two methods:

5.2.1 By calling the LOC and opening a manual ticket with its specific conditioning request, e.g., "Found Bridged Tap (BT) on loop, request Removal of Non-Excessive BT."

5.2.2 By opening an electronic bonding ticket. In such case, CLEC shall request specific conditioning in the remarks field e.g., "Found Bridged Tap (BT) on loop, request Removal of Non-Excessive BT."

Both methods require the following:

1. When Excessive Bridged Tap is present on the loop, the removal of All Bridged Tap.
2. When Excessive Bridged Tap is not present on the loop, the removal of Non-Excessive Bridged Tap.
3. Once All Bridged Tap has been removed, any future trouble tickets concerning bridged tap will require a vendor meet with the SBC KANSAS LOC. Vendor meet procedures can be found in SBC KANSAS' CLEC On-Line Handbook.
4. It is CLEC's obligation to document on the trouble ticket the type of conditioning it is requesting be performed by SBC KANSAS e.g., the Removal of All or Non-Excessive Bridged Tap. If the specific RABT conditioning request is not documented on the CLEC trouble ticket, the trouble ticket will be returned to CLEC for specific information.
5. Any conditioning requests for the removal of Excessive Bridged Tap or for the removal of load coil(s) or repeater(s) will be performed pursuant to the existing rates, terms and conditions for xDSL Loops and Subloops provided for in Attachment 25 of this Agreement.

5.3 Except as otherwise provided for herein, when a trouble ticket is opened by CLEC for the Removal of All or Non-Excessive Bridged Tap, a zero plus five (0+ 5) business day interval will be given. Trouble ticket authorization for conditioning and billing will be provided as follows:

5.3.1 if the trouble ticket is opened for a loop that is 12,000 feet or greater in Actual Loop Length, SBC KANSAS will use that designation and the initiation of the trouble ticket by CLEC as approval for loop conditioning and the loop will be conditioned by SBC KANSAS. CLEC will then be billed and shall pay the conditioning charges set forth in the Pricing Schedule set out in this Appendix, in addition to any other applicable conditioning charges specified in Attachment 25 of this Agreement upon the completion of the requested conditioning by SBC KANSAS.

5.3.2 if the trouble ticket is opened for a loop that is less than 12, 000 feet in Actual Loop Length, and the loop is conditioned to remove bridged tap beyond that required to meet Minimum Qualifications, SBC KANSAS will bill and CLEC shall pay the conditioning charges set forth in the Pricing Schedule set out in this Appendix, in addition to any other applicable conditioning charges specified in Attachment 25 of this Agreement, for any conditioning performed by SBC KANSAS at CLEC's request.

5.3.3 In the scenarios addressed in Subsections 5.3.1 and 5.3.2 above, the SBC KANSAS LOC will notify CLEC as soon as the trouble is closed, whether conditioning has been performed or not.

5.4 Escalations for trouble tickets will follow the existing procedures listed in the CLEC On-Line Handbook.

6.0 PRICING

6.1 The rates that SBC KANSAS shall charge and CLEC shall pay for the Removal of All or Excessive Bridged Tap requested after CLEC's xDSL Loop or xDSL Subloop order has been completed are set forth in the Pricing Schedule set out in this Appendix.

Removal of All and Non-Excessive Bridged Tap Non Recurring Charge Pricing Schedule

KANSAS	SBC KANSAS RECURRING		SBC KANSAS NON-REC	
	Monthly			
Removal of All Bridged Tap				
DSL Loops - >12KFT and < 17.5KFT				
Removal of All Bridged Tap	N/A		$936.67	N/A
Removal of Non-Excessive Bridged Tap				
DSL loops - >0KFT and < 17.5KFT				
Removal of Non-Excessive Bridged Tap	N/A		$552.22	N/A
Removal of All Bridged Tap > 17.5KFT				
DSL Loops - > 17.5KFT - per element				
Incremental Removal of All Bridged Tap > 17.5KFT - per element	N/A		$552.22	N/A
Removal of Non-Excessive Bridged Tap > 17.5KFT				
DSL Loops - >17.5KFT - per element				
Incremental Removal of Non-Excessive Bridged Tap > 17.5KFT - per element	NA		$552.22	N/A

For any requests for the removal of Non-Excessive Bridged Tap only on loops 17,500 feet in length or less, CLEC shall pay the flat, non-recurring rate of $552.22. With respect to any Non-Excessive Bridged Tap removed from an xDSL loop over 17,500 feet in length, CLEC shall pay a flat, non-recurring rate of $552.22 for any and all Non-Excessive Bridged Tap removed from the loop under 17,500 feet and shall pay a non-recurring rate of $552.22 per Non-Excessive Bridged Tap segment removed (i.e., per occurrence) over 17,500 feet. (Any Excessive Bridged Tap on a loop over 17,500 feet in length is addressed in the Pricing Schedule to the Agreement). CLEC may request the removal of Non-Excessive Bridged Tap on loops below 12,000 feet in length at the same RABT rate as loops between 12,000 and 17,500 feet (i.e., 552.22).

For any requests for the removal of All Bridged Tap on loops 17,500 feet in length or less, CLEC shall pay the flat, non-recurring rate of $936.67 for any and all Excessive and Non-Excessive Bridged Tap present on the loop and in addition, shall pay a non-recurring rate of $552.22 per Non-Excessive Bridged Tap segment removed (i.e., per occurrence) over 17,500 feet. (Any Excessive Bridged Tap on a loop over 17,500 feet in length is addressed in the Pricing Schedule to the Agreement).

APPENDIX YELLOW ZONE ORDERING PROCESS ("YZP")
Optional Appendix to Attachment 25 xDSL

1.0 *INTRODUCTION[1]

1.1 *This Appendix sets forth terms and conditions for the Yellow Zone Process ("YZP"), an optional ordering process for xDSL Capable Loops. This process is made available to CLEC as a voluntary offer as an alternative to SBC KANSAS' existing ordering processes.

1.2 *Except as otherwise provided herein, the rates terms and conditions of CLEC's Agreement pertaining to xDSL loops and xDSL Subloops (such as related to Splitter Ownership and Responsibilities, Operational Support Systems, Facility Make-Up information, Provisioning, Testing, Maintenance & Service Assurance, Ordering, Pricing & Spectrum Management) shall remain unchanged and in Full Force and Effect.

2.0 *DEFINITIONS

2.1 *A "No Sync" situation after the completion of a YZP service order is defined by a CLEC experiencing a situation in which its DSLAM will not communicate (sync) with the customer premises.

3.0 *YZP OFFERING

3.1 *CLEC will order eligible xDSL Loops and xDSL Subloops using a generic loop 'As Is' specification code to identify the loop that may require conditioning. All LSRs for xDSL Loops and xDSL Subloops submitted with the 'UALNQX' Specification Code and the 'YZP' notation will initially receive a minimum five (5) business day service provisioning due date for xDSL Loops and xDSL Subloops. Once the order has been completed, and if a No Sync situation, as defined herein, is determined by CLEC, CLEC must choose one of two options:

*OPTION 1: Generate a trouble ticket with Local Operations Center (LOC), and identify it either as a straight 'No Sync' type YZP ticket, OR as a YZP related conditioning trouble ticket. The LOC will resolve the No Sync situation either by addressing non-conditioning related reason for the No Sync, and/or by conditioning the facility as needed (remove load coils, excessive bridge taps, etc). On YZP related Trouble Tickets, a zero plus five (0 + 5) business day interval will be offered after the line has been determined to need conditioning.

*On loops with actual lengths between 12 Kft and 17.5 Kft, if the loop has been ordered as YZP, SBC KANSAS will use that YZP designation and the CLEC opening a trouble ticket, as authorization from CLEC for SBC KANSAS to condition the loop. CLEC will then be billed the appropriate conditioning charges pursuant to the Agreement.

*OPTION 2: Cancel the Order by issuing an LSR to Disconnect the circuit.

3.2 *YZP ordering is not available in conjunction with a combination of network elements known as the platform or UNE-P (including loop and switch port combinations) or unbundled local switching or any arrangement where SBC KANSAS is not the retail service provider.

3.3 *The CLEC will provide SBC KANSAS with the type of technology it seeks to deploy, at the time of ordering, including the PSD of the technology the CLEC will deploy. If the technology does not have a PSD mask, then the YZP process will not be applicable.

[1] The inclusion of the provisions noted above with asterisks in this Appendix YZP shall not constitute a waiver by either party as to their respective positions as to whether such provisions are required to be offered under Sections 251(b) or (c) of the Act and are subject or not subject to Section 251/252 negotiation and arbitration. Rather, in agreeing not to dispute the inclusion of the subject provisions in this Appendix YZP, both Parties do not waive, but instead fully reserve all of their rights, arguments and positions in any pending or future regulatory or judicial proceedings and in any future negotiations or pending negotiations as to whether the subject provisions are or are not subject to Sections 251 and 252 of the Act, including without limitation, negotiation and arbitration under Sections 251/252 of the Act. The inclusion of these provisions in this Appendix YZP and resolution by the Parties as to these provisions shall not constitute a concession or admission by either Party and may not be introduced by one party as to the other to attempt to show the consent or waiver by one party as to its position(s) in this regard.

3.4 *The YZP process only applies to xDSL Loop and xDSL Subloop where the loop length is between 0 and 17.5 Kft.

3.5 *The initial YZP service order must have completed and closed prior to the opening of the YZP trouble ticket, when a "No Sync" situation is detected by CLEC.

4.0 *TESTING

4.1 *Acceptance Testing (for xDSL Loops and xDSL Subloops orders) – CLEC, when using YZP for provisioning xDSL loops CANNOT request Acceptance Testing with such orders.

4.2 *Cooperative Testing - For xDSL Loops and xDSL Subloops, CLEC has the option of requesting a Cooperative Test, pursuant to the rates, terms and conditions of the Agreement, at the time they are opening the YZP trouble Ticket.

4.3 *ALL YZP order related initial Trouble Tickets (TTs) opened by CLEC will require load coil and/or other interferor information on that loop to be provided by the CLEC technician at the time of opening the TT. The CLEC will therefore have to ensure that their field technician is equipped with the appropriate test sets that can detect and detail the presence and location of load coils, bridge tap and repeaters. (see Maintenance/Service Assurance Sections 5.8, 5.8.4 and 5.9 for more detail.)

5.0 *MAINTENANCE/SERVICE ASSURANCE

5.1 *SBC KANSAS will provide resolution of CLEC-referred YZP trouble tickets for the xDSL Loops and xDSL Subloops in parity with repair intervals SBC KANSAS provides to its advanced services affiliates.

5.2 *Prior to opening the YZP trouble ticket, CLEC must verify the DSLAM is built properly, as well as check the logical translations, perform a loop back from DSLAM, insure proper routing, profile, and modem settings. The dispatched CLEC Technician must confirm that the problem is not CLEC related. If a YZP trouble ticket is opened, and it is later determined by SBC KANSAS to be a 'No Trouble Found' (NTF), or if the trouble is found in the CLEC's network or CLEC related, SBC KANSAS will charge CLEC on a Time and Materials basis, per the applicable tariffed rates referenced in Section 7.3.1 of Attachment 25: xDSL.

5.3 *CLECs can open a YZP related Trouble Ticket by the following methods:

5.3.1 *Calling the Local Operations Center and opening a manual ticket through the call center. The CLEC technician should identify that the original order was YZP related and whether this trouble ticket is a conditioning trouble ticket or not.

5.3.2 *Opening an electronic bonding ticket - If the trouble ticket is opened by an electronic bonding ticket, CLEC needs to place that this is a YZP related trouble ticket in the remarks field.

5.3.3 *The identification of a possible conditioning related trouble by CLEC will allow the LOC to convert it to a YZP conditioning type ticket immediately. Potential non-conditioning causes for Physical fault will be checked. However, if the ticket is not opened as a possible conditioning ticket, the LOC will handle the tickets per the Present Method of Operation for all Repair tickets and look for physical faults. If no fault is found the LOC will notify CLEC to conduct the Sync test. If it does not sync, CLEC will have to open another trouble ticket to address any conditioning required.

5.4 *When a YZP related trouble ticket is opened by CLEC and the line is determined to need conditioning, a 5 business day interval will be given. Trouble ticket status will be provided as follows:

5.4.1 *If the trouble ticket is opened electronically (via ToolBar), as a straight 'No Sync' type YZP ticket, an electronic status will be available after 24 hours. If it is determined by SBC KANSAS that the trouble is conditioning related, the straight 'No Sync' trouble ticket will be converted to a YZP conditioning ticket.

5.4.2 *If the trouble ticket is opened with a live call to the SBC KANSAS LOC (whether as a straight 'No Sync' ticket or as a 'Conditioning' Requested ticket) there will be no separate ticket status provided until the trouble has been resolved and CLEC is notified of the ticket's closure.

5.4.3 *If the trouble ticket is opened as a Conditioning Requested ticket, for a loop of actual loop length between 12Kft and 17.5 Kft, and it requires conditioning as verified by SBC, and the loop has been ordered as YZP, SBC KANSAS will use that YZP designation and the initiation of the trouble ticket by the CLEC as approval for line conditioning and the loop will be conditioned by construction and engineering. The CLEC will then be billed the appropriate-conditioning charges upon the completion of the conditioning.

5.4.4 *If the trouble ticket is opened as a Conditioning Requested ticket, for a loop of actual loop length between 12Kft and 17.5 Kft, and it requires conditioning as verified by SBC KANSAS, and the loop has been ordered as YZP, SBC KANSAS will use that YZP designation and the initiation of the trouble ticket by the CLEC as approval for line conditioning and the loop will be conditioned by construction and engineering. The CLEC will then be billed the appropriate conditioning charges upon the completion of the conditioning.

5.4.5 *If the trouble ticket is opened as a Conditioning Requested ticket, for a loop of actual loop length between 0Kft and 12 Kft, and it requires conditioning as verified by SBC, CLEC will be contacted and provided with status after the conditioning work is completed. If the loop is conditioned outside of Industry Standard/ ANSI parameters (any bridge tap less than 2500 ft total or 2000 ft single that is removed) CLEC will then be billed the appropriate conditioning charges as set out in the Appendix regarding the Removal of All or Non-Excessive Bridged Tap Using the Yellow Zone Ordering Process.

5.4.6 *If the trouble ticket is originally opened as a straight 'No Sync' type ticket, and it the later determined by SBC KANSAS to be a conditioning related problem, and therefore converted to a YZP conditioning ticket, rules 5.4.4 or 5.4.5 as stated above will apply, depending on the loop length. A 0 + 5 day interval will be offered to complete the conditioning of the loop.

5.5 *In all cases, the SBC KANSAS LOC will notify CLEC as soon as the trouble is resolved, whether it is conditioning related or not.

5.6 *Escalations for YZP trouble tickets will follow the existing procedures, as there are no YZP specific escalation procedures in SBC KANSAS.

5.7 *Intentionally left blank.

5.8 *With permanent YZP, ALL YZP order related initial Trouble Tickets (TTs) opened by the CLEC will require load coil and/or other interferor information on that loop to be provided by the CLEC technician at the time of opening the TT. The CLEC will therefore have to ensure that their field technician is equipped with the appropriate test sets that can detect and detail the presence of the following:
.

5.8.1 *The number and location of Load Coils

5.8.2 *The number and location of Repeaters, if any

5.8.3 *The number of sections of Bridged Tap, and their lengths and locations.

5.8.4 *SBC KANSAS will not specify to any CLECs the type of test equipment or the specific tests to use for determining the presence of disturbers– the YZP participating CLEC will determine their own test requirements and capabilities such as Sunrise test sets, or through a remote monitoring capability like Hykemian, and using tests such as Time Domain Reflexometric (TDR) and Spectrum Analysis. In order to resolve the trouble quickly and efficiently, SBC KANSAS requires valid and dependable data on the number, length and location of interferors on the loop.

5.9 *There will be a flat rated Maintenance Service Charge to CLEC associated with any YZP related trouble ticket dispatch, if no trouble is found (NTF) in SBC KANSAS' portion of the network. This charge will also apply when loop specific interferor information is provided to SBC KANSAS but is found to be incorrect upon subsequent investigation during the trouble ticket resolution process. If a retrip is involved with a YZP Trouble ticket (based on CLEC input of loop not working properly after initial trouble resolution), and a NTF in SBC KANSAS' network is determined, this maintenance charge will apply as well. If the need for a vendor meet is established, and if CLEC technician is not equipped properly at the vendor meet site, CLEC will be liable for the trip/dispatch charge. The amount of the penalty will be governed by the applicable commission ordered tariff rate referenced in Section 7.3.1 of Attachment 25: xDSL.

6.0 *TERMINATION

6.1 *Either Party may terminate this Appendix upon 180 days written notice to the other Party.

*NOTE: It is SBC's position that all of the provisions set forth in this Attachment (noted above with asterisks) are voluntary, non-251(b) or (c) provisions/offerings that were not subject to the Parties' negotiations under Sections 251 and 252 of the Act and are not subject to arbitration under Section 252 of the Act. SBC disputes any attempt by the CLEC Coalition to submit any issues associated with this voluntary, non-251(b) or (c) offering, for arbitration under Section 252 of the Act. Without waiving said objection, SBC has shown in this Appendix the language it can agree to and the substantive disputes between the Parties as to the language itself in the event that the CLEC Coalition inappropriately attempts to raise any disputes associated with this voluntary Appendix to the Commission for arbitration and the Commission does not appropriately dismiss these issues as to SBC's voluntary YZP offering from any Section 252 arbitration proceeding between the Parties. In addition, SBC does not waive, but instead fully reserves all of its rights, arguments and positions that the provisions noted with asterisks (including disputed and non-disputed provisions) are not subject to Sections 251 and 252 of the Act, including without limitation, negotiations under Sections 251/252 of the Act and Section 252 arbitration and nothing herein shall constitute a concession or admission by SBC that the provisions are subject to negotiation and/or arbitration under Sections 251/252 of the Act.

APPENDIX FOR THE REMOVAL OF ALL OR NON-EXCESSIVE BRIDGED TAP USING THE YELLOW ZONE PROCESS ("YZP")
Optional Appendix to Attachment 25: xDSL

1.0 *INTRODUCTION[1]

1.1 *This Appendix to Attachment 25: xDSL of this Agreement sets forth the rates, terms and conditions for the Removal of All or Non-Excessive Bridged Tap using the Yellow Zone Process (YZP), for xDSL Loops and xDSL Subloops. This optional process is made available to CLECs as an alternative to SBC KANSAS' existing ordering processes.

1.2 *Except as otherwise provided herein, the rates, terms and conditions set forth elsewhere in this Agreement pertaining to xDSL loops and xDSL Subloops shall remain unchanged and in full force and effect.

2.0 *DEFINITIONS

2.1 *A "No Sync" situation after the completion of a YZP service order means that a CLEC is experiencing a situation in which its DSLAM will not communicate (sync) with the customer premises.

2.2 *A loop meeting "minimum qualifications" means the loop has no load coils, repeaters, or bridged tap in excess of 2.5Kft, and no one segment of bridged tap longer than 2Kft in length.

2.3 *Removal of All or Non-Excessive Bridged Tap means the removal of all bridged tap (i.e., both Excessive and Non-Excessive) or the removal of Non-Excessive bridged tap in response to CLEC's request, in connection with CLEC's xDSL Loop or xDSL Subloop.

3.0 *REMOVAL OF ALL AND NON-EXCESSIVE BRIDGED TAP YZP OFFERING

3.1 *To be eligible for the Removal of All or Non-Excessive Bridged Tap using YZP, a CLEC must have a signed and approved Optional YZP Appendix in addition to this Appendix for the Removal of All or Non-Excessive Bridged Tap Using YZP. Pursuant to the terms of the Optional YZP Appendix, CLEC has to have ordered an xDSL loop on the 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 x-DSL Subloop submitted with the 'UALNQX' Specification Code and the 'YZP' notation will initially receive a minimum five (5) business day service provisioning due date for xDSL Capable Loops and Subloops. After the service order has completed, CLEC must generate a Trouble Ticket pursuant to Section 5 of this Appendix with the Local Operations Center (LOC) as a 'No Sync' type YZP-related conditioning Trouble Ticket. Based on CLEC's own testing, CLEC must specify the type of bridged tap conditioning being requested on the Trouble Ticket. Upon CLEC's request the LOC will investigate and will address any non-conditioning related reasons for any No Sync situation, and/or condition the facility as needed following the process listed in the YZP Attachment and the process outlined in this Appendix for the Removal of All or Non-Excessive Bridged Tap Using the YZP process, or ensure CLEC's bridged tap removal request is appropriate by verifying the subject bridged tap is located on the loop: provided, however, SBC KANSAS does not guarantee the synchronization of any loop.

3.2 *Except as otherwise provided below, in response to a CLEC's YZP trouble ticket for the Removal of All or Non-Excessive Bridged Tap, SBC KANSAS will offer CLEC a zero plus five (0 + 5) business day interval; provided, however, in those instances where SBC KANSAS determines it is not possible to Remove All or Non-Excessive Bridged Tap under this Appendix, (in those situations in which: (i) municipalities will not grant rights of way to

[1] The inclusion of the provisions noted with asterisks in this Appendix RABT-YZP shall not constitute a waiver by either party as to their respective positions as to whether such provisions are required to be offered under Sections 251(b) or (c) of the Act and are subject or not subject to Section 251/252 negotiation and arbitration. Rather, in agreeing not to dispute the inclusion of the subject provisions in this Appendix RABT-YZP, both Parties do not waive, but instead fully reserve all of their rights, arguments and positions in any pending or future regulatory or judicial proceedings and in any future negotiations or pending negotiations as to whether the subject provisions are or are not subject to Sections 251 and 252 of the Act, including without limitation, negotiation and arbitration under Sections 251/252 of the Act. The inclusion of these provisions in this Appendix RABT-YZP and resolution by the Parties as to these provisions shall not constitute a concession or admission by either Party and may not be introduced by one party as to the other to attempt to show the consent or waiver by one party as to its position(s) in this regard.

certain areas; or (ii) there are other issues associated with access to the subject facilities; or (iii) events actions or circumstances exist or arise that are outside the sole control of SBC KANSAS. SBC KANSAS has no obligation to perform the requested conditioning under this Appendix; and, in those instances where SBC KANSAS determines that it can Remove All or Non-Excessive Bridged Tap under this Appendix, but cannot meet the zero plus five (0 + 5) business day interval, (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 SBC KANSAS, i the Parties understand and agree that the zero plus five (0 + 5) business day interval set forth above shall not apply, but instead, in such situations, SBC KANSAS will respond to CLEC-referred Removal of All or Non-Excessive Bridged Tap Trouble Tickets for xDSL Loops and xDSL Subloops in parity with repair intervals SBC KANSAS provides to its advanced services affiliates. SBC KANSAS will advise CLEC as soon as possible when SBC KANSAS is unable to Remove All or Non-Excessive Bridged Tap under this Appendix or is unable to meet the zero plus five (0 + 5) business day interval.

3.3 *If the Removal of All or Non-Excessive Bridged Tap has been requested by CLEC on a Trouble Ticket, the opening of the Trouble Ticket with specific conditioning requests will be used as authorization from CLEC for SBC KANSAS to condition the loop as requested. CLEC will then be billed and shall pay the appropriate conditioning charges for any such conditioning performed by SBC KANSAS pursuant to the Removal of All or Non-Excessive Bridged Tap set out in the Pricing Schedule attached hereto and incorporated herein by this reference.

3.4 *The Removal of All or Non-Excessive Bridged Tap using YZP applies only to xDSL Loops and xDSL Subloops.

3.5 *The initial YZP service order must have closed prior to the opening of the YZP Trouble Ticket for the Removal of All or Non-Excessive Bridged Tap pursuant to the process outlined in this Appendix.

4.0 *TESTING

4.1 *All testing requests after the completion of the service order will follow the testing guidelines and procedures outlined in the CLEC's YZP Attachment.

4.2 *CLEC shall assist in trouble isolation for the Removal of All or Non-Excessive Bridged Tap related initial Trouble Tickets by obtaining and providing to SBC KANSAS interferor information on the loop at the time of opening the Trouble Ticket. For best results, CLEC is encouraged to provide its field technician with appropriate test sets that can detect and detail the presence of the following:

4.2.1 *The number and location of Load Coils; and

4.2.2 *The number and location of Repeaters, if any; and

4.2.3 *The number of sections of Bridged Tap, and their lengths and locations.

5.0 *MAINTENANCE/SERVICE ASSURANCE

5.1 *Prior to opening of a trouble ticket for the Removal of All or Non-Excessive Bridged Tap, CLEC must determine that the problem is not CLEC-related.

5.1.1 *If a YZP for the Removal of All or Non-Excessive Bridged Tap Trouble Ticket is opened, and it is later determined by SBC KANSAS that the requested conditioning is not available because no such bridged tap was on the loop, the Trouble Ticket will be closed as a 'No Trouble Found' (NTF), and SBC KANSAS will charge and CLEC shall pay a Maintenance Service Charge on a Time and Material basis, per applicable tariffed rates contained in sections 13.4.2 and 13.4.4 of the FCC Tariff No. 73. If, in response to a trouble ticket, SBC KANSAS advises CLEC that the CLECs requested conditioning is not available because no such bridged tap was on the loop, and CLEC dispatches a second time and finds upon its second dispatch that all or non-excessive bridged tap is on the loop, CLEC will so advise SBC KANSAS for concurrence. In any such case where the Parties find that all or non-excessive bridged tap was on the loop, SBC KANSAS will credit CLEC for the tariffed time and material charges billed CLEC in connection with the initial trouble ticket (closed out as 'No Trouble Found') and will pay CLEC the tariffed time and material charges for CLEC's second dispatch to the customer premises.

5.2 *CLECs may open a YZP-related Trouble Ticket for the Removal of All or Non-Excessive Bridged Tap by the following two methods:

5.2.1 *Calling the Local Operations Center and opening a manual ticket through the call center with a specific conditioning request e.g., "Found Bridged Tap (BT) on loop, request Removal of Non-Excessive BT."

5.2.2 *Opening an electronic bonding ticket. If the Trouble Ticket is opened by an electronic bonding ticket, CLEC needs to specify that it is a YZP Trouble Ticket with specific conditioning requests in the remarks field e.g., "Found Bridged Tap (BT) on loop, request Removal of All BT."

*Both methods require the following:

1. *If Excessive Bridged Tap is present on the loop, CLEC may request:
   a. *Removal of Excessive Bridged Tap; or
   b. *Removal of All Bridged Tap.
2. *If Excessive Bridged Tap is not present on the loop, CLEC may request Removal of Non-Excessive Bridged Tap (the remaining Bridged Tap left on the loop after Excessive Bridged Tap has been removed).
3. *Once All the Bridged Tap has been removed any future trouble tickets concerning Bridged Tap will require a vendor meet via Trouble Ticket with the LOC. Vendor meet procedures can be found in SBC's CLEC On-Line Handbook.
4. *It is CLEC's obligation to document on the Trouble Ticket the type of conditioning it is requesting be performed by SBC KANSAS i.e., Removal of All or Non-Excessive bridged tap. If the bridged tap conditioning request does not specify the Removal of All or Non-Excessive Bridged Tap conditioning on the YZP Trouble Ticket, only Excessive Bridged tap conditioning will be performed pursuant to the YZP Attachment.
5. *If a manual trouble ticket is opened by calling the LOC, the CLEC technician should identify that the original order was YZP related and whether this Trouble Ticket is a Removal of All or Non-Excessive Bridged Tap conditioning Trouble Ticket, and specify the type of bridged tap conditioning needed.
6. *Any conditioning requests for the removal of Excessive Bridged Tap or for the removal of Load Coils or Repeaters, will be performed pursuant to the existing terms and conditions set forth in Attachment 25: xDSL of this Agreement.

5.3 *Except as otherwise provided for herein, when a YZP Trouble Ticket is opened by CLEC for the Removal of All or Non-Excessive Bridge Tap conditioning, a zero plus five (0+ 5) business day interval will be given. Trouble Ticket authorization and billing for conditioning will be provided as follows:

5.3.1 *if the trouble ticket is opened as a ticket for the Removal of All or Non-Excessive Bridged Tap conditioning, for a 26 gauge equivalent loop length (referred by ANSI T1.417/2001), over 12Kft, and the loop has been ordered as YZP, SBC KANSAS will use that YZP designation and the initiation of the Trouble Ticket by CLEC as approval for line conditioning and the loop will be conditioned by SBC KANSAS. CLEC will then be billed and shall pay the appropriate Removal of All or Non-Excessive Bridged Tap conditioning charges set forth on the Pricing Schedule set out in this Appendix, in addition to any other applicable conditioning charges upon the completion of the requested conditioning by SBC KANSAS.

5.3.2 *if a CLEC's trouble ticket is opened for the Removal of Non-Excessive Bridged Tap Conditioning Ticket for a 26 gauge equivalent loop length (referred by ANSI T1.417/2001), between 0Kft and 12 Kft, and the loop is conditioned to remove bridged tap beyond that required to meet minimum qualifications (SBC KANSAS is requested to remove bridged tap less than 2.5Kft in length), SBC KANSAS will bill and CLEC shall pay the conditioning charges set forth in the Pricing Schedule to this Appendix, in addition to any other applicable conditioning charges specified in Attachment 25 of this Agreement for any conditioning performed by SBC KANSAS at CLEC's request.

5.3.3 *In the case of Sections 5.3.1 or 5.3.2 the SBC KANSAS LOC will notify CLEC 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.

6.0 PRICING

6.1 The interim rates that SBC KANSAS shall charge and CLEC shall pay for the Removal of All or Non Excessive Bridged Tap requested after CLEC's xDSL Loop or xDSL Subloop order has been completed are set forth in the Pricing Schedule set out in this Appendix. Notwithstanding anything to the contrary in this Agreement including, without limitation, this Schedule, the Parties understand and agree that the Interim RABT Rates set forth in the Pricing are interim and subject to retroactive true-up upon the establishment of non-interim RABT rates by the state Commission ("Non-Interim RABT Rates"). Upon the effective date of a Commission Order establishing Non-Interim RABT Rates, either Party may, within ninety (90) days of the effective date of such Commission order, provide written notice ("RABT Notice") to the other Party that it wishes to obtain the Non-Interim RABT Rates to replace and supersede the Interim RABT Rate(s) counterpart(s) in this Agreement. Following such RABT Notice by either Party, SBC KANSAS will: (i) update the CLEC's billing tables to replace the Interim RABT Rates with the Non-Interim RABT counterparts as to the rates specified in the RABT Notice(s), which rate(s) shall be deemed to have become effective, and shall apply, between the Parties as of the effective date of the Commission's order, and the Parties shall negotiate a conforming amendment to reflect those Non-Interim RABT Rates that are replacing the Interim RABT Rate counterparts, and shall submit such amendment to the Commission for approval; and (ii) SBC KANSAS will issue any adjustments that are appropriate (e.g., additional charges, billing credit) to retroactively true-up the Non-Interim RABT Rates established by the Commission with the Interim RABT Rates in this Agreement for the period after the effective date of this Agreement, in accordance herewith. In the event that a Party issues such an RABT Notice more than ninety (90) days after the effective date of any Commission order, then the Non-Interim RABT Rates will be deemed effective between the Parties as of the date the amendment incorporating such Non-Interim RABT Rate(s) into the Agreement is effective between the Parties (following the date the amendment is approved or is deemed to have been approved by the state commission), and shall apply, upon the amendment effective date, on a prospective basis only. Further, the Party shall be foreclosed from any claims for retroactive true-up with respect to the Interim RABT Rate(s) under this Agreement for any period prior to the effective date of such amendment. Notwithstanding anything to the contrary in this Schedule or Agreement, in the event that any other telecommunications carrier should adopt provisions in this Agreement pursuant to Section 252(i) of the Act ("Adopting CLEC"), the Adopting CLEC would only be entitled to retroactive true-up as to the Interim RABT Rates back to the date that the MFN Provisions become effective between SBC KANSAS and the Adopting CLEC (i.e., following the date the Commission approves or is deemed to have approved the Adopting CLEC's Section 252(i) adoption ("MFN Effective Date")). In no event shall the Adopting CLEC be entitled to a true-up under this Agreement prior to the MFN Effective Date.

*NOTE: It is SBC's position that all of the provisions set forth in this Attachment (noted above with asterisks) are voluntary, non-251(b) or (c) provisions/offerings that were not subject to the Parties' negotiations under Sections 251 and 252 of the Act and are not subject to arbitration under Section 252 of the Act. SBC disputes any attempt by the CLEC Coalition to submit any issues associated with this voluntary, non-251(b) or (c) offering, for arbitration under Section 252 of the Act. Without waiving said objection, SBC has shown in this Appendix the language it can agree to and the substantive disputes between the Parties as to the language itself in the event that the CLEC Coalition inappropriately attempts to raise any disputes associated with this voluntary Appendix to the Commission for arbitration and the Commission does not appropriately dismiss these issues as to SBC's voluntary YZP (and RABT-YZP) offering from any Section 252 arbitration proceeding between the Parties. In addition, SBC does not waive, but instead fully reserves all of its rights, arguments and positions that the provisions noted with asterisks (including disputed and non-disputed provisions) are not subject to Sections 251 and 252 of the Act, including without limitation, negotiations under Sections 251/252 of the Act

and Section 252 arbitration and nothing herein shall constitute a concession or admission by SBC that the provisions are subject to negotiation and/or arbitration under Sections 251/252 of the Act.

KANSAS	SBC KANSAS RECURRING		SBC KANSAS NON-REC.	
	Monthly			
Removal of All Bridged Tap				
DSL Loops - >12KFT and < 17.5KFT				
Removal of All Bridged Tap	N/A		$936.67	N/A
Removal of Non-Excessive Bridged Tap				
DSL loops - >0KFT and < 17.5KFT				
Removal of Non-Excessive Bridged Tap	N/A		$552.22	N/A
Removal of All Bridged Tap > 17.5KFT				
DSL Loops - > 17.5KFT - per element				
Incremental Removal of All Bridged Tap > 17.5KFT - per element	N/A		$552.22	N/A
Removal of Non-Excessive Bridged Tap > 17.5KFT				
DSL Loops - >17.5KFT - per element				
Incremental Removal of Non-Excessive Bridged Tap > 17.5KFT - per element	NA		$552.22	N/A

(1) For any requests for the removal of Non-Excessive Bridged Tap only on loops 17,500 feet in length or less, CLEC shall pay the flat, non-recurring rate of $552.22. With respect to any Non-Excessive Bridged Tap removed from an xDSL loop over 17,500 feet in length, CLEC shall pay a flat, non-recurring rate of $552.22 for any and all Non-Excessive Bridged Tap removed from the loop under 17,500 feet and shall pay a non-recurring rate of $552.22 per Non-Excessive Bridged Tap segment removed (i.e., per occurrence) over 17,500 feet. (Any Excessive Bridged Tap on a loop over 17,500 feet in length is addressed in the Pricing Schedule to the Agreement). CLEC may request the removal of Non-Excessive Bridged Tap on loops below 12,000 feet in length at the same RABT rate as loops between 12,000 and 17,500 feet (i.e., 552.22).

(2) For any requests for the removal of All Bridged Tap on loops 17,500 feet in length or less, CLEC shall pay the flat, non-recurring rate of $936.67 for any and all Excessive and Non-Excessive Bridged Tap present on the loop and in addition, shall pay a non-recurring rate of $552.22 per Non-Excessive Bridged Tap segment removed (i.e., per occurrence) over 17,500 feet. (Any Excessive Bridged Tap on a loop over 17,500 feet in length is addressed in the Pricing Schedule to the Agreement).

ATTACHMENT 27:
ACCESS TO OPERATIONS SUPPORT SYSTEMS (OSS)

1.0 INTRODUCTION

1.1 This Appendix sets forth terms and conditions for nondiscriminatory access to Operations Support Systems (OSS) "functions" to support the services, interconnection and UNEs provided under this Agreement so that CLEC can perform pre-ordering, ordering, provisioning, maintenance/repair, and billing. Although this is a Kansas-specific agreement, SBC's OSS is based upon a 13 state platform. In order to access OSS for transactions in other SBC states, CLEC must have OSS terms and conditions in such state.

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

1.2.1 SBC-2STATE - As used herein, SBC-2STATE means SBC CALIFORNIA and SBC NEVADA, the applicable SBC-owned ILEC(s) doing business in California and Nevada.

1.2.2 SBC-7STATE - As used herein, SBC-7STATE means SBC SOUTHWEST REGION 5-STATE, SBC CALIFORNIA and SBC NEVADA, the applicable SBC owned ILEC(s) doing business in Arkansas, California, Oklahoma, Missouri, Nevada, Kansas, and Texas.

1.2.3 SBC-13STATE - As used herein, SBC-13STATE means SBC SOUTHWEST REGION 5-STATE, SBC MIDWEST REGION 5-STATE, SBC-2STATE and SBC CONNECTICUT the applicable SBC owned ILEC(s) doing business in Arkansas, California, Connecticut, Illinois, Indiana, Kansas, Michigan, Missouri, Nevada, Ohio, Oklahoma, Texas, and Wisconsin.

1.2.4 SBC MIDWEST REGION 5-STATE - As used herein, SBC MIDWEST REGION 5-STATE means Illinois Bell Telephone Company d/b/a SBC Illinois, Indiana Bell Telephone Company Incorporated d/b/a SBC Indiana, Michigan Bell Telephone Company d/b/a SBC Michigan, The Ohio Bell Telephone Company d/b/a SBC Ohio, and/or Wisconsin Bell, Inc. d/b/a SBC Wisconsin, the applicable SBC-owned ILEC(s) doing business in Illinois, Indiana, Michigan, Ohio, and Wisconsin.

1.2.5 SBC CONNECTICUT - As used herein, SBC CONNECTICUT means The Southern New England Telephone Company, the applicable above listed ILEC doing business in Connecticut.

1.2.6 SBC SOUTHWEST REGION 5-STATE - As used herein, SBC SOUTHWEST REGION 5-STATE means Southwestern Bell Telephone, L.P. d/b/a SBC Arkansas, SBC Oklahoma, SBC Missouri, SBC Oklahoma and/or SBC Texas the applicable above listed ILEC(s) doing business in Arkansas, Kansas, Missouri, Oklahoma, and Texas.

1.2.7 SBC KANSAS - As used herein, SBC KANSAS means Southwestern Bell Telephone, L.P. d/b/a SBC Kansas, the applicable SBC owned ILEC doing business in Kansas.

1.3 SBC KANSAS has established performance measurements to illustrate non-discriminatory access. These measurements are represented in Appendix Performance Measurements.

2.0 DEFINITIONS

2.1 "LSC" means (i) the Local Service Center (LSC) for SBC KANSAS.

2.2 "LOC" means (i) the Local Operations Center (LOC) for SBC KANSAS.

2.3 "MCPSC" means the Mechanized Customer Production Support Center (MCPSC) for SBC KANSAS.

2.4 "Service Bureau Provider (SBP)" - For purposes of this Agreement, Service Bureau Provider (SBP) is a company which has been engaged by a CLEC to act on its behalf for purposes of accessing SBC KANSAS' OSS application-to-application interfaces via a dedicated connection over which multiple CLECs' local service transactions are transported.

3.0 GENERAL CONDITIONS

3.1 Resale and Section 251(c)(3) Unbundled Network Elements (UNE) functions, provided under this Agreement will be accessible via electronic interface(s), as described herein, where such functions are available. The Parties agree that electronic order processing is more efficient than manual order processing. During implementation the Parties will negotiate a threshold volume of orders after which electronic ordering is required. Once CLEC is submitting more than the agreed to threshold amount, but not later than twelve (12) months from the Effective Date of this Agreement, CLEC will no longer submit orders manually (and SBC KANSAS shall not be required to accept and process manual orders) except when the electronic order processing is unavailable for a substantial period of time, or where a given order cannot be processed electronically.

3.2 When SBC KANSAS introduces electronic interfaces, in accordance with the Change Management Process referenced in Section 3.15 below, those interfaces will be deemed automatically added to this Attachment, upon request of CLEC unless SBC KANSAS believes there are essential terms and conditions unique to the new interface that are not included in this Attachment. In such case, SBC KANSAS shall use its good faith reasonable efforts to notify CLEC and propose such additional terms and conditions in sufficient time that the Parties, negotiating in good faith, may reach agreement on the amendment and have it become effective no later than the date the new interface is made available for use by CLECs.

3.3 When SBC KANSAS retires interfaces in accordance with the Change Management Process referenced in Section 3.15 below, those interfaces will be deemed automatically deleted from this Attachment.

3.4 Proper Use of OSS interfaces:

3.4.1 CLEC agrees to utilize SBC KANSAS' electronic interfaces, as described herein, only for the purposes of establishing and maintaining Resale Services, local number portability, interconnection, and UNEs through SBC KANSAS. In addition, CLEC agrees that such use will comply with SBC KANSAS' Data Connection Security Requirements as identified in Section 9 of this Appendix. Failure to comply with such security guidelines may result in forfeiture of electronic access to OSS functionality. In addition, CLEC shall be responsible for and indemnifies SBC KANSAS against any cost, expense, or liability relating to any unauthorized entry or access into, or use or manipulation of SBC KANSAS' OSS from CLEC systems, workstations or terminals or by CLEC employees, agents, or any third party gaining access through information and/or facilities obtained from or utilized by CLEC and shall pay SBC KANSAS for any and all damages caused by such unauthorized entry.

3.5 Within SBC KANSAS, LEC's access to pre-order functions described in 4.2.2 will only be utilized to view Customer Proprietary Network Information (CPNI) of another carrier's end user where CLEC has obtained an authorization for release of CPNI from the end user.

3.5.1 CLEC must maintain records of individual customers' authorizations for change in local exchange service and release of CPNI which adhere to all requirements of state and federal law.

3.5.2 CLEC is solely responsible for determining whether proper authorization has been obtained and holds SBC KANSAS harmless from any loss on account of CLEC's failure to obtain proper CPNI consent from an end user.

3.6 Intentionally left blank

3.7 In the event SBC KANSAS has good cause to believe that CLEC has used SBC KANSAS' OSS in a way that conflicts with this Agreement or Applicable Law, SBC KANSAS shall give CLEC written notice describing the alleged misuse ("Notice of Misuse"). CLEC shall immediately refrain from the alleged misuse until such time that CLEC responds in writing to SBC KANSAS' Notice of Misuse, which shall be provided to

SBC KANSAS within twenty (20) days after receipt of the Notice of Misuse. In the event CLEC agrees with SBC KANSAS' allegation of misuse, CLEC shall refrain from the alleged misuse during the term of this Agreement. In the event CLEC disagrees with SBC KANSAS' allegation of misuse, either Party may invoke Dispute Resolution per 3.8 below.

3.8 Section 13 of the General Terms and Conditions shall apply to any disputes which arise under this Article, including disputes related to the alleged improper use of or access to CPNI or any alleged non-compliance with SBC KANSAS' security guidelines. Except as otherwise set forth in this Article, CLEC's liability for improper or unauthorized use of or access to SBC KANSAS' OSS shall be governed by Section 7.0 of the General Terms and Conditions of the Agreement.

3.9 In the event CLEC does not agree that CLEC's use of SBC KANSAS' OSS is inconsistent with this Agreement or Applicable Law as alleged by SBC KANSAS, then the Parties agree to the following steps:

3.9.1 If such alleged misuse involves improper access of pre-order applications to obtain CPNI in violation of this Agreement, Applicable Law, or involves a violation of the security guidelines contained herein, or negatively affects another OSS user's ability to use OSS, CLEC shall continue to refrain from using the particular OSS functionality in the manner alleged by SBC to be improper, until CLEC has remedied the misuse in a manner acceptable to both Parties.

3.9.2 To remedy the alleged misuse for the balance of the Agreement, Parties will work together as necessary to mutually determine a permanent resolution for the balance of the term of the Agreement. Such efforts shall begin as soon as CLEC has received the Notice of Misuse and shall continue until the issue has been resolved or Dispute Resolution has been invoked by either Party.

3.10 After the time for CLEC's response to Notice of Misuse, set forth in Section 3.7 has expired, SBC KANSAS shall have the right to conduct an audit of CLEC's use of the SBC KANSAS OSS. Upon notice and good cause shown, SBC KANSAS shall have the right to conduct an audit of CLEC's use of the SBC KANSAS OSS. As used in this Section, the term "good cause" means that a reasonable person would consider that an audit of CLEC's use of the SBC KANSAS OSS is justified under the circumstances that exist at the time SBC KANSAS elects to conduct such an audit. Such audit shall be limited to auditing those aspects of CLEC's use of the SBC 13STATE OSS that relate to SBC's allegation of misuse as set forth in the Notice of Misuse. SBC KANSAS shall give ten (10) days advance written notice of its intent to audit CLEC ("Audit Notice") under this Section, and shall identify the type of information needed for the audit. Such Audit Notice may not precede SBC KANSAS' Notice of Misuse. Within a reasonable time following the Audit Notice, but no less than fourteen (14) days after the date of the notice (unless otherwise agreed by the Parties), CLEC shall provide SBC KANSAS with access to the requested information in any reasonably requested format, at an appropriate CLEC location, unless otherwise agreed to by the Parties. The audit shall be at SBC KANSAS' expense. All information obtained through such an audit shall be deemed proprietary and/or confidential and subject to confidential treatment without necessity for marking such information confidential. SBC KANSAS agrees that it shall only use employees or outside parties to conduct the audit who do not have marketing, strategic analysis, competitive assessment or similar responsibilities within SBC KANSAS, or any SBC affiliate.

3.11 When Resale Service and Section 251(c)(3) UNE order functions are not available via an electronic interface for the pre-order, ordering and provisioning processes, SBC KANSAS and CLEC will use manual processes. Should SBC KANSAS develop electronic interfaces for these functions for itself, SBC KANSAS will make electronic access available to CLEC.

3.12 The Information Services (I.S.) Call Center for the SBC KANSAS region provides for technical support function of electronic OSS interfaces. CLEC will also provide a single point of contact for technical issues related to the CLEC's electronic interfaces.

3.13 SBC KANSAS will provide CLEC with access to the interfaces during the hours of operation posted in the CLEC Handbook on the CLEC Website. Changes to hours of operation will be handled in accordance with the Change Management Process.

3.14 SBC KANSAS shall provide support for the interfaces described in this Attachment. CLEC will provide a single point of contact for issues related to the interfaces. Each Party shall also provide to the other Party telephone numbers for resolution of problems in connection with pre-ordering, ordering, provisioning and maintenance of the services. SBC KANSAS shall list the business days and hours for each call center in SBC-13STATE's CLEC Handbook and notice any changes via Accessible Letter. Minimum hours of operation for each center shall be:

IS Call Center: 7 days per week, 24 hours per day

LSC, LECC, & MCPSC: Monday through Friday, excluding Holidays,
8:00 AM to 5:00 PM (in each applicable time zone)

LOC – Maintenance: 7 days per week, 24 hours per day

LOC – Provisioning: Monday through Friday, excluding Holidays, 8:00 AM to 5:00 PM (in each applicable time zone)

SBC KANSAS shall ensure adequate coverage in its service centers during these minimum hours.

3.15 The Parties will follow the final adopted guidelines of "SBC's Change Management Process", in accordance with the Change Management principles. Those guidelines, or a successor, as they may be modified from time to time, are incorporated into this Agreement by reference as if fully set forth herein.

3.16 SBC KANSAS will continue to maintain the editing capabilities of SBC KANSAS' LEX and Verigate interfaces that enable CLEC to copy existing service and address information from Verigate and paste it into the appropriate fields in LEX and/or to copy data from field to field within LEX or from Verigate to LEX.

3.17 Intentionally left blank

3.18 Due to enhancements and on-going development of access to SBC KANSAS' OSS functions, certain interfaces described in this Appendix may be modified, temporarily unavailable or may be phased out after execution of this Appendix. SBC KANSAS shall provide proper notice of interface phase-out as required by the Change Management process.

3.19 CLEC is responsible for obtaining operating system software and hardware to access SBC KANSAS' OSS functions as specified in Sections 8 and 9 of this Attachment.

4.0 PREORDER INTERFACES & FUNCTIONALITY

4.1 SBC KANSAS will provide real time access to pre-order functions to support CLEC ordering of Resale services and Section 251(c)(3) UNEs. The Parties acknowledge that ordering requirements necessitate the use of current, real time pre-order information to accurately build service orders. The following lists represent pre-order functions that are available to CLEC so that CLEC order requests may be created to comply with SBC KANSAS ordering requirements.

4.2 Pre-Ordering functions for Resale Services and UNEs include:

4.2.1 Feature/Service Availability

4.2.1.1 Feature Inquiry provides SBC KANSAS with feature and service availability by WTN, NPA/NXX, and CLLI Code (as applicable).

4.2.1.2 PIC/LPIC Inquiry provides SBC KANSAS Primary Interexchange Carrier (PIC) options for intraLATA toll and interLATA toll.

4.2.2 Customer Service Information - CSI Inquiry

Access to SBC KANSAS retail or resold CPNI and account information for pre-ordering will include: billing name, service address, billing address, service and feature subscription, directory listing information, and long distance carrier identity. CLEC agrees that CLEC's representatives will not access the information specified in this subsection until after it obtains authorization for release of CPNI.

4.2.3 Telephone Number Inquiry

SBC KANSAS provides a Telephone Number Reservation Inquiry and a Cancel Reservation function.

4.2.4 Scheduling Inquiry/Availability

4.2.4.1 Due Date Inquiry provides next available dates for the end user (where available).

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

4.2.5 Address Validation Inquiry

SBC KANSAS provides address validation function.

4.3 The following are Pre-Order functions specific to UNEs:

4.3.1 Loop Pre-Qualification and Loop Qualification Inquiry

SBC KANSAS provides pre-order loop qualification information specific to Section 251(c)(3) UNE DSL capable and Line Shared loops consistent with the XDSL and Advanced Services OSS Plan of Record filed 4/3/00 and approved by FCC on 12/22/00.

4.3.2 Common Language Location Indicator (CLLI) Inquiry

SBC KANSAS provides CLLI code inquiry function.

4.3.3 Connecting Facility Assignment (CFA) Inquiry

SBC KANSAS provides a CFA inquiry function.

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

SBC KANSAS provides a NC/NCI inquiry function.

4.4 Electronic Access to Pre-Order Functions

4.4.1 Resale and lawful UNE Pre-order Interface Availability

4.4.1.1 Enhanced Verigate is the 13-state uniform pre-order GUI interface available in SBC KANSAS to provide the pre-ordering functions listed in Section 4.2. Enhanced Verigate is accessible via a web-based Toolbar.

4.4.1.2 An industry standard EDI/CORBA Pre-ordering Gateway is provided by SBC KANSAS. This pre-ordering gateway supports two structural protocols, EDI and CORBA, as recommended by the technical industry committees. EDI/CORBA is the 13-state uniform pre-order application-to-application interface that can be integrated with the CLEC's own negotiation system and that supports both Resale services and UNEs.

4.4.1.3 DataGate is a transaction-based data query system through which SBC KANSAS provides CLEC access to pre-ordering functions. This gateway shall be a Transmission Control Protocol/Internet Protocol (TCP/IP) gateway and will, once CLEC has developed its own interface, allow CLEC to access the pre-order functions for Resale services and Section 251(c)(3) UNE. DataGate follows industry guidelines, but is based on SBC KANSAS' proprietary pre-ordering functionality.

4.4.1.4 Consumer Easy Access Sales Environment (C-EASE): C-EASE is an ordering entry system through which SBC KANSAS provides CLEC access to the functions of pre-ordering to order SBC KANSAS consumer Resale services.

4.4.1.5 Business Easy Access Sales Environment (B-EASE): B-EASE is an ordering entry system through which SBC KANSAS provides CLEC access to the functions of pre-ordering to order SBC KANSAS business Resale services.

4.4.1.6 Service Order Retrieval and Distribution (SORD) is available for the pre-order function of viewing the CPNI, when SORD is used to order SBC KANSAS Resale service.

4.5 Other Pre-order Function Availability

4.5.1 Where pre-ordering functions are not available electronically, CLEC will manually request this information from the LSC, dependent on operating region, for inclusion on the service order request.

4.5.2 Data Validation Files are available for the purpose of providing requesting CLECs with an alternate method of acquiring pre-ordering information that is considered relatively static. Upon request, SBC KANSAS will provide CLECs with any of the following Data Validation Files via Connect: Direct, CD-ROM, or downloadable via the pre-order GUI – Enhanced Verigate. Due to its size, the Street Address Guide (SAG) will be available only via Connect:Direct, and CD-ROM.

Data Validation Files:

SAG (Street Address Guide)
Feature/Service Availability by Switch
Directory Names
Class of Service Codes
USOC (Universal Service Order Codes)
Community Names
Yellow Page Headings
PIC/LPIC (InterLATA/IntraLATA)

5.0 ORDERING/PROVISIONING

5.1 SBC KANSAS provides access to ordering functions to support CLEC provisioning of Resale services and Section 251(c)(3) UNEs via one or more electronic interfaces. To order Resale services and UNEs, CLEC will format the service request to identify what features, services, or elements it wishes SBC KANSAS to provision in accordance with applicable SBC KANSAS LSOR ordering requirements. SBC KANSAS will provide CLEC access to one or more of the following systems or interfaces:

5.2 Service Order Request System Availability

5.2.1 SBC KANSAS makes available to CLEC an Electronic Data Interchange (EDI) application to application interface for transmission of Local Service Requests (LSR) as defined by the OBF, consistent with SBC KANSAS' Local Service Order Requirements (LSOR), and via EDI mapping as defined by TCIF. In ordering and provisioning of Resale Services or UNEs, CLEC and SBC KANSAS will utilize industry guidelines developed by OBF and TCIF EDI to transmit data based upon SBC KANSAS' Resale Service and Section 251(c)(3) UNE ordering requirements. In addition, Local Number Portability (LNP) will be ordered consistent with the OBF LSR and EDI process.

5.2.2 Web-based LEX is the new 13-state uniform ordering GUI interface that provides access to the uniform ordering functions for Resale Services and UNEs. Web-based LEX is accessible via a web-based Toolbar.

5.2.3 C-EASE is available in SBC KANSAS for the ordering of consumer Resale services.

5.2.4 B-EASE is available in SBC KANSAS for the ordering of business Resale services.

5.2.5 SORD interface provides CLECs in SBC KANSAS with the ability to create Resale and Section 251(c)(3) UNE orders as well as certain complex Resale and Section 251(c)(3) UNE orders that cannot be ordered through Easy Access Sales Environment (EASE), Electronic Data Interchange (EDI) or Web Local Exchange (Web LEX).

5.2.5.1 SORD interface supports CLEC initiated modification of service orders submitted electronically by CLEC via the following SBC KANSAS OSS applications: Business EASE, Consumer EASE or SORD (via DOES-Direct Order Entry System). CLEC should not use SORD to modify service orders issued electronically via LEX/EDI. In addition, CLEC should not use SORD to modify orders submitted manually to the LSC. The Parties agree that the following conditions are applicable to EASE and SORD generated service orders with errors corrected via SORD. If CLEC chooses to use SORD to issue orders and/or modify EASE generated orders, then CLEC becomes responsible for correction of all EASE and SORD service order errors that occur between order application and order completion. CLEC may need to call the LSC to obtain additional information. For terms and conditions for service order error correction within SORD, see Section 5.3.3.

5.2.6 In ordering and provisioning Section 251(c)(3) Unbundled Dedicated Transport and local interconnection trunks, CLEC and SBC KANSAS will utilize industry ASR guidelines developed by OBF based upon SBC KANSAS ordering requirements.

5.3 Additional Terms for Provisioning

SBC KANSAS will provision Resale services and Section 251(c)(3) UNE as detailed in CLEC order requests. Access to status on such orders will be provided via the following electronic interfaces:

5.3.1 Order Status and Provisioning Order Status functionality is provided through the Enhanced Verigate interface which will allow CLEC to check service order status. In addition, in SBC KANSAS pending orders can be viewed in SORD.

5.3.2 When CLEC places an electronic order using SBC KANSAS' LSOR-based ordering system (e.g. EDI and WebLEX) or the ASR-based ordering system as described in Section 5.2.6 above, SBC KANSAS will provide CLEC with an electronic confirmation notice (also known as a firm order confirmation ("FOC")). The confirmation notice will follow industry-standard formats and contain the SBC KANSAS confirmed due date for order completion. ("Due Date"). Upon completion of an LSR, SBC KANSAS will provide CLEC with an electronic completion notice that follows industry-standard formats and states when that order was completed (also known as a service order completion ("SOC")). In addition, SBC KANSAS will provide a loss notification and a post to bill notification, as discussed in the Uniform Plan of Record and defined in the SBC LSOR.

Post to Bill Notification is sent to CLEC for each complete LSR/PON after all serve orders associated with the request post to billing. The time frame between an order posting to bill and the CLEC notification would be a minimum of two days. Post to Bill Notifications are provided consistent with the SBC LSOR.

5.3.3 As detailed in Section 5.2.5, the Parties agree that the following timelines are applicable to electronically generated service orders with errors corrected via SORD:

5.3.3.1 Errors occurring between application and distribution must be corrected within five (5) business hours for a simple order and within twenty four (24) hours for a complex order;

5.3.3.2 Error Service Order Image (ESOI) errors must be corrected within three (3) business hours.

5.3.3.3 If CLEC fails to correct service order errors within the timeframes specified in this Section 5.3.3, service orders on which errors occur will be excluded from calculation of the results for all related performance measurements, described in Appendix Performance Measurements.

5.3.3.4 Intentionally left blank

6.0 MAINTENANCE/REPAIR

6.1 Two electronic interfaces are accessible in each region to place, and check the status of, trouble reports for both Resale services and UNEs. Upon request, CLEC may access these functions via the following methods:

6.1.1 Electronic Bonding for Trouble Administration Graphical User Interface (EBTA-GUI) is the 13 state uniform GUI interface that allows CLEC to perform MLT, issue trouble tickets, view status, and view trouble history on-line.

6.1.2 Electronic Bonding Trouble Administration (EBTA) is the 13 state uniform application to application interface that is available for trouble report submission and status updates. EBTA conforms to ANSI guidelines T1:227:1995, T1.228:1995 and T1.262:1998, Electronic Communications Implementation Committee (ECIC) Trouble Report Format Definition (TFRD) Number 1 as defined in ECIC document ECIC/TRA/95-003, and all guidelines referenced within those documents, as mutually agreed upon by CLEC and SBC KANSAS. Functions currently implemented include Enter Trouble, Request Trouble Report Status, Add Trouble Information, Modify Trouble Report Attributes, Trouble Report Attribute Value Change Notification, and Cancel Trouble Report, as explained in 6 and 9 of ANSI T1.228:1995. CLEC and SBC KANSAS will exchange requests over a mutually agreeable X.25-based network.

7.0 BILLING MEDIA AND INTERFACES

7.1 SBC KANSAS will bill CLEC for Resold services and UNEs. SBC KANSAS will send associated billing information to CLEC as necessary to allow CLEC to perform billing functions. At minimum SBC KANSAS will provide CLEC billing information in a paper format, or via 18-track magnetic tape, as selected by CLEC. Such alternate bill media will be made available to CLEC consistent with the individual state tariff provisions.

7.2 Electronic access to billing information for Resale services will also be available via the following interfaces:

7.2.1 CLEC may receive a mechanized bill format via the EDI 811 transaction set.

7.2.2 For Resale Services in SBC KANSAS, CLEC may receive Bill Plus™, an electronic version of its bill, as described in, and in accordance with, SBC's Local Exchange Tariff.

7.2.3 For Resale Services in SBC KANSAS, CLEC may also view billing information through the Bill Information interface. Bill Information will be accessible via SBC's Classic Toolbar.

7.2.4 Intentionally left blank

7.2.5 CLEC may receive electronically a Daily Usage Extract. On a daily basis, this feed provides information on the usage billed to its accounts for Resale services in the industry standardized EMI format.

7.2.6 SBC KANSAS will provide Loss Notifications. This notification alerts CLECs that a change requested by another telecommunications provider has been completed and, as a result, the Local Service Provider associated with a given telephone number has been changed. It will be provided via the uniform ordering application-to-application interface using the EDI 836 transaction, and will also be available via the uniform ordering GUI interface, LEX.

7.3 Electronic access to billing information for Section 251(c)(3) UNE will also be available via the following interfaces:

7.3.1 SBC KANSAS makes available to CLECs a local Bill Data Tape to receive data in an electronic format from its CABS database. The local Bill Data Tape contains the same information that would appear on CLEC's paper bill.

7.3.2 In SBC KANSAS, CLEC may also view billing information through the Bill Information interface. Bill Information will be accessible via SBC's Classic Toolbar.

7.3.3 CLECs will receive a Daily Usage Extract electronically, on a daily basis, with information on the usage billed to its accounts for UNEs in the industry standardized Exchange Message Interface (EMI) format.

7.3.4 CLEC may receive a uniform loss notification via EDI 836 transaction or via the uniform GUI interface, LEX. For UNEs this loss notification indicates when CLEC's end users, utilizing SBC KANSAS ports, change their Competitive Local Exchange Carrier.

8.0 REMOTE ACCESS FACILITY

8.1 CLEC must access OSS interfaces via a CLEC Remote Access Facility. For SBC SOUTHWEST REGION 5-STATE, the LRAF located in Dallas, TX will be used. The PRAF in Fairfield, CA handles the SBC-2STATE region. The ARAF, located in Chicago, IL, serves SBC MIDWEST REGION 5-STATE and the SRAF in New Haven, CT, handles the SBC CONNECTICUT region. Connection to these remote access facilities will be established via a "port" either through dial-up or direct connection as described in Section 8.2. CLEC may utilize a port to access SBC-13STATE OSS interfaces to perform the supported functions in any SBC-13STATE where CLEC has executed an Appendix OSS. OSS applications that are accessible through the Internet will also go through a secured Remote Access Facility.

8.2 CLEC may use three types of access: Switched, Private Line, and Frame Relay. For Private Line and Frame Relay "Direct Connections," CLEC shall provide its own router, circuit, and two Channel Service Units/Data Service Units (CSU/DSU). The demarcation point shall be the router interface at the LRAF, PRAF, ARAF, or SRAF. Switched Access "Dial-up Connections" require CLEC to provide its own modems and connection

to the SBC KANSAS LRAF, SBC-2STATE PRAF, SBC MIDWEST REGION 5-STATE ARAF, and SBC CONNECTICUT SRAF. CLEC shall pay the cost of the call if Switched Access is used. Connections via the Public Internet require CLEC to connect to an ISP of their choice and use one of the HTTPS URLs associated with access to SBC OSS via the public internet.

8.3 CLEC shall use TCP/IP to access SBC KANSAS OSS via the LRAF, ARAF, SRAF, and the PRAF. In addition, each CLEC shall have one valid Internet Protocol (IP) network address per region. CLEC shall maintain a user-id / password unique to each individual for accessing a SBC KANSAS, SBC-2STATE, SBC MIDWEST REGION 5-STATE, or SBC CONNECTICUT OSS on CLEC's behalf. CLEC shall provide estimates regarding its volume of transactions, number of concurrent users, desired number of private line or dial-up (switched) connections, and length of a typical session.

8.4 CLEC shall attend and participate in implementation meetings to discuss CLEC LRAF/PRAF/ARAF/SRAF access plans in detail and schedule testing of such connections.

9.0 DATA CONNECTION SECURITY REQUIREMENTS

9.1 CLEC agrees that interconnection of CLEC data facilities with SBC KANSAS data facilities for access to OSS will be in compliance with SBC-13STATE's "Competitive Local Exchange Carrier (CLEC) Operations Support System Interconnection Procedures" document current at the time of initial connection to a RAF. The following additional terms in this Section 9 govern direct and dial up connections between CLEC and the PRAF, LRAF, ARAF and SRAF for access to OSS Interfaces.

9.2 Joint Security Requirements

9.2.1 Both Parties will maintain accurate and auditable records that monitor user authentication and machine integrity and confidentiality (e.g., password assignment and aging, chronological logs configured, system accounting data, etc.).

9.2.2 Both Parties shall maintain accurate and complete records detailing the individual data connections and systems to which they have granted the other Party access or interface privileges. These records will include, but are not limited to, user ID assignment, user request records, system configuration, time limits of user access or system interfaces. These records should be kept until the termination of this Agreement or the termination of the requested access by the identified individual. Either Party may initiate a compliance review of the connection records to verify that only the agreed to connections are in place and that the connection records are accurate.

9.2.3 CLEC shall immediately notify the ISCC when a employee userid is no longer valid (e.g. employee termination or movement to another department).

9.2.4 Both Parties shall use an industry standard virus detection software program at all times. The Parties shall immediately advise each other by telephone upon actual knowledge that a virus or other malicious code has been transmitted to the other Party.

9.2.5 All physical access to equipment and services required to transmit data will be in secured locations. Verification of authorization will be required for access to all such secured locations. A secured location is where walls and doors are constructed and arranged to serve as barriers and to provide uniform protection for all equipment used in the data connections which are made as a result of the user's access to either the CLEC or SBC KANSAS network. At a minimum, this shall include: access doors equipped with card reader control or an equivalent authentication procedure and/or device, and egress doors which generate a real-time alarm when opened and which are equipped with tamper resistant and panic hardware as required to meet building and safety standards.

9.2.6 Both Parties shall maintain accurate and complete records on the card access system or lock and key administration to the rooms housing the equipment utilized to make the connection(s) to the other Party's network. These records will include management of card or key issue, activation or distribution and deactivation.

9.3 Additional Responsibilities of Both Parties

9.3.1 Modem/DSU Maintenance And Use Policy: To the extent the access provided hereunder involves the support and maintenance of CLEC equipment on SBC KANSAS' premises, such maintenance will be provided under the terms of the Competitive Local Exchange Carrier (CLEC) Operations Support System Interconnection Procedures document cited above.

9.3.2 Monitoring: Each Party will monitor its own network relating to any user's access to the Party's networks, processing systems, and applications. This information may be collected, retained, and analyzed to identify potential security risks without notice. This information may include, but is not limited to, trace files, statistics, network addresses, and the actual data or screens accessed or transferred.

9.3.3 Each Party shall notify the other Party's security organization immediately upon initial discovery of actual or suspected unauthorized access to, misuse of, or other "at risk" conditions regarding the identified data facilities or information. Each Party shall provide a specified point of contact. If either Party suspects unauthorized or inappropriate access, the Parties shall work together to isolate and resolve the problem.

9.3.4 In the event that one Party identifies inconsistencies or lapses in the other Party's adherence to the security provisions described herein, or a discrepancy is found, documented, and delivered to the non-complying Party, a corrective action plan to address the identified vulnerabilities must be provided by the non-complying Party within thirty (30) calendar days of the date of the identified inconsistency. The corrective action plan must identify what will be done, the Party accountable/responsible, and the proposed compliance date. The non-complying Party must provide periodic status reports (minimally monthly) to the other Party's security organization on the implementation of the corrective action plan in order to track the work to completion.

9.3.5 In the event there are technological constraints or situations where either Party's corporate security requirements cannot be met, the Parties will institute mutually agreed upon alternative security controls and safeguards to mitigate risks.

9.3.6 All network-related problems will be managed to resolution by the respective organizations, CLEC or SBC KANSAS, as appropriate to the ownership of a failed component. As necessary, CLEC and SBC KANSAS will work together to resolve problems where the responsibility of either Party is not easily identified.

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

9.4.1 Information security policies and guidelines are designed to protect the integrity, confidentiality and availability of computer, networks and information resources. Section 9.5 - 9.11 summarizes the general policies and principles for individuals who are not employees of the Party that provides the computer, network or information, but have authorized access to that Party's systems, networks or information. Questions should be referred to CLEC or SBC KANSAS, respectively, as the providers of the computer, network or information in question.

9.4.2 It is each Party's responsibility to notify its employees, contractors and vendors who will have access to the other Party's network, on the proper security responsibilities identified within this Attachment. Adherence to these policies is a requirement for continued access to the other Party's systems, networks or information. Exceptions to the policies must be requested in writing and approved by the other Party's information security organization.

9.5 General Policies

9.5.1 Each party shall utilize OSS resources for approved business purposes only.

9.5.2 Intentionally left blank

9.5.3 Individuals will only be given access to resources that they are authorized to receive and which they need to perform their job duties. Users must not attempt to access resources for which they are not authorized.

9.5.4 Authorized users must not develop, copy or use any program or code which circumvents or bypasses system security or privilege mechanism or distorts accountability or audit mechanisms.

9.5.5 Actual or suspected unauthorized access events must be reported immediately to each Party's security organization or to an alternate contact identified by that Party. Each Party shall provide its respective security contact information to the other.

9.6 User Identification

9.6.1 Access to each Party's corporate resources will be based on identifying and authenticating individual users in order to maintain clear and personal accountability for each user's actions.

9.6.2 User identification shall be accomplished by the assignment of a unique, permanent user id, and each user id shall have an associated identification number for security purposes.

9.6.3 User ids will be revalidated by CLEC on a regular basis.

9.7 User Authentication

9.7.1 Users will usually be authenticated by use of a password. Strong authentication methods (e.g. one-time passwords, digital signatures, etc.) may be required in the future.

9.7.2 Passwords must not be stored in script files.

9.7.3 Passwords must be entered by the user.

9.7.4 Passwords must be at least 6-8 characters in length, not blank or a repeat of the user id; contain at least one letter, and at least one number or special character must be in a position other than the first or last one. This format will ensure that the password is hard to guess. Most systems are capable of being configured to automatically enforce these requirements. Where a system does not mechanically require this format, the users must manually follow the format.

9.7.5 Systems will require users to change their passwords regularly.

9.7.6 Systems are to be configured to prevent users from reusing the same password for 6 changes/months.

9.7.7 Personal passwords must not be shared. A user who has shared his password is responsible for any use made of the password.

9.8 Access and Session Control

9.8.1 Destination restrictions will be enforced at remote access facilities used for access to OSS Interfaces. These connections must be approved by each Party's corporate security organization.

9.8.2 Terminals or other input devices must not be left unattended while they may be used for system access. Upon completion of each work session, terminals or workstations must be properly logged off.

9.9 User Authorization

9.9.1 On the destination system, users are granted access to specific resources (e.g. databases, files, transactions, etc.). These permissions will usually be defined for an individual user (or user group) when a user id is approved for access to the system.

9.10 Software and Data Integrity

9.10.1 Each Party shall use a comparable degree of care to protect the other Party's software and data from unauthorized access, additions, changes and deletions as it uses to protect its own similar software and data. This may be accomplished by physical security at the work location and by access control software on the workstation.

9.10.2 Untrusted software or data shall be scanned for viruses before use on a Party's corporate facilities that can be accessed through the direct connection or dial up access to OSS interfaces.

9.10.3 Unauthorized use of copyrighted software is prohibited on each Party's corporate systems that can be access through the direct connection or dial up access to OSS Interfaces.

9.10.4 Proprietary software or information (whether electronic or paper) of a Party shall not be given by the other Party to unauthorized individuals. When it is no longer needed, each Party's proprietary software or information shall be returned by the other Party or disposed of securely. Paper copies shall be shredded. Electronic copies shall be overwritten or degaussed.

9.11 Monitoring and Audit

9.11.1 To deter unauthorized access events, a warning or no trespassing message will be displayed at the point of initial entry (i.e., network entry or applications with direct entry points). Each Party should have several approved versions of this message. Users should expect to see a warning message similar to this one:

"This is a (SBC KANSAS or CLEC) system restricted to Company official business and subject to being monitored at any time. Anyone using this system expressly consents to such monitoring and to any evidence of unauthorized access, use, or modification being used for criminal prosecution."

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

10.0 OPERATIONAL READINESS TEST (ORT) FOR ORDERING/PROVISIONING AND REPAIR/ MAINTENANCE INTERFACES

10.1 Prior to live access to OSS interface functionality, the Parties must conduct Operational Readiness Testing (ORT). SBC KANSAS will participate with CLEC in Operational Readiness Testing (ORT) which will allow for the testing of the systems, interfaces, and processes for the pre-ordering, ordering and provisioning of Section 251(c)(3) unbundled Network Elements or Combinations. ORT will be completed in accordance with a schedule mutually agreed to by the Parties. Such ORT will begin not later than three (3) months after the Effective Date of the Agreement.

10.2 Prior to introduction of new applications or interfaces, or modifications of the same, upon the request of either party, the Parties shall conduct cooperative testing pursuant to a mutually agreed test plan.

11.0 OSS TRAINING COURSES

11.1 Prior to initial live system usage, CLEC must complete user education classes for SBC KANSAS provided interfaces that affect the SBC-13STATE network. Course descriptions for all available classes by region are posted on the CLEC website in the Customer Education section. CLEC Training schedules by region are also available on the CLEC website and are subject to change, with class lengths varying. Classes are train-the-trainer format to enable CLEC to devise its own course work for its own employees. Charges as specified below will apply for each class:

Training Rates	5 day class	4.5 day class	4 day class	3.5 day class	3 day class	2.5 day class	2 day class	1.5 day class	1 day class	½ day class
1 to 5 students	$4,050	$3,650	$3,240	$2,835	$2,430	$2,025	$1,620	$1,215	$810	$405
6 students	$4,860	$4,380	$3,890	$3,402	$2,915	$2,430	$1,945	$1,455	$970	$490
7 students	$5,670	$5,100	$4,535	$3,969	$3,400	$2,835	$2,270	$1,705	$1,135	$570
8 students	$6,480	$5,830	$5,185	$4,536	$3,890	$3,240	$2,590	$1,950	$1,300	$650
9 students	$7,290	$6,570	$5,830	$5,103	$4,375	$3,645	$2,915	$2,190	$1,460	$730
10 students	$8,100	$7,300	$6,480	$5,670	$4,860	$4,050	$3,240	$2,430	$1,620	$810
11 students	$8,910	$8,030	$7,130	$6,237	$5,345	$4,455	$3,565	$2,670	$1,780	$890
12 students	$9,720	$8,760	$7,780	$6,804	$5,830	$4,860	$3,890	$2,920	$1,945	$970

11.2 A separate agreement will be required as a commitment to pay for a specific number of CLEC students in each class. CLEC agrees that charges will be billed by SBC KANSAS and CLEC payment is due thirty (30) days following the bill date. CLEC agrees that personnel from other competitive Local Service Providers

may be scheduled into any class to fill any seats for which the CLEC has not contracted. Class availability is first-come, first served with priority given to CLECs who have not yet attended the specific class.

11.3 Class dates will be based upon SBC KANSAS availability and will be coordinated among CLEC, the CLEC's SBC KANSAS Account Manager, and SBC KANSAS Industry Markets CLEC Training Product Management.

11.4 CLEC agrees to pay the cancellation fee of the full price noted in the separate agreement if CLEC cancels scheduled classes less than two (2) weeks prior to the scheduled start date, and such cancellation results in the cancellation or rescheduling of such class(es). CLEC agrees to provide to SBC KANSAS completed registration forms for each student no later than one week prior to the scheduled training class.

11.5 CLEC agrees that CLEC personnel attending classes are to utilize only training databases and training presented to them in class. Attempts to access any other SBC-13STATE system are strictly prohibited.

11.6 CLEC further agrees that training material, manuals and instructor guides can be duplicated only for internal use for the purpose of training employees to utilize the capabilities of SBC KANSAS' OSS in accordance with this Appendix and shall be deemed "Proprietary Information" and subject to the terms, conditions and limitations of Section 6.0 of the General Terms and Conditions.

12.0 OSS CHARGES FOR SYSTEM ACCESS AND CONNECTIVITY

12.1 This Agreement does not include flat rate charges for OSS system access and connectivity. SBC KANSAS is not waiving its right to recover its OSS costs during the term of this Agreement and nothing herein shall preclude SBC KANSAS from proposing new rates and charges for OSS cost recovery during the term of this Agreement. Provided however, SBC KANSAS may not impose such new rates or charges unless the Parties amend this Agreement pursuant to the General Terms and Conditions. New rates or charges as provided herein, if any, shall be on a going forward basis only.

13.0 MISCELLANEOUS CHARGES

13.1 For SBC KANSAS region only, CLEC requesting the Bill Plus™, as described in 7.2.2, agrees to pay applicable tariffed rate, less Resale discount.

13.2 CLEC requesting the billing function for the Daily Usage Extract which contains the usage billable records, as described in 7.2.5 and 7.3.3, agrees to pay established rates pursuant to Appendix Pricing.

13.3 For SBC KANSAS, CLEC requesting the Local Disconnect Report, as described in 7.2.6 and 7.3.4, agrees to pay established rates pursuant to Appendix Pricing.

13.4 Should CLEC request custom development of an exclusive interface to support OSS functions, such development will be considered by SBC KANSAS on an Individual Case Basis (ICB) and priced as such.

14.0 SERVICE BUREAU PROVIDER ARRANGEMENTS FOR SHARED ACCESS TO OSS

14.1 SBC KANSAS shall allow CLEC to access its OSS via a Service Bureau Provider under the following terms and conditions:

14.2 Notwithstanding any language in this Agreement regarding access to OSS to the contrary, CLEC shall be permitted to access SBC KANSAS' OSS via a Service Bureau Provider as follows:

14.2.1 CLEC shall be permitted to access SBC KANSAS application-to-application OSS interfaces, via a Service Bureau Provider where CLEC has entered into an agency relationship with such Service Bureau Provider, and the Service Bureau Provider has executed an Agreement with SBC KANSAS to allow Service Bureau Provider to establish access to and use of SBC KANSAS' OSS.

14.2.2 CLEC's use of a Service Bureau Provider shall not relieve CLEC of the obligation to abide by all terms and conditions of this Agreement. CLEC must ensure that its agent properly performs all OSS obligations of CLEC under this Agreement, which CLEC delegates to Service Bureau Provider.

14.2.3 It shall be the obligation of CLEC to provide notice in accordance with the notice provisions of the Terms and Conditions of this Agreement whenever it established an agency relationship with a Service Bureau Provider or terminates such a relationship. SBC KANSAS shall have a reasonable transition time to establish a connection to a Service Bureau Provider once CLEC provides notice. Additionally, SBC KANSAS shall have a reasonable transition period to terminate any such connection after notice from CLEC that it has terminated its agency relationship with a Service Bureau Provider.

14.3 SBC KANSAS shall not be obligated to pay liquidated damages or assessments for noncompliance with a performance measurement to the extent that such noncompliance was the result of actions or events beyond SBC KANSAS' control associated with third-party systems or equipment including systems, equipment and services provided by a Service Bureau Provider (acting as CLEC's agent for connection to SBC KANSAS' OSS) which could not be avoided by SBC KANSAS through the exercise of reasonable diligence or delays or other problems resulting from actions of a Service Bureau Provider, including Service Bureau provided processes, services, systems or connectivity.

AMENDMENT
TO THE INTERCONNECTION AGREEMENTS

This amendment ("Amendment") to the interconnection agreements ("Agreements") is being entered into by and between Illinois Bell Telephone Company d/b/a SBC Illinois, Indiana Bell Telephone Company Incorporated d/b/a SBC Indiana, Michigan Bell Telephone Company d/b/a SBC Michigan, Nevada Bell Telephone Company d/b/a SBC Nevada, The Ohio Bell Telephone Company d/b/a SBC Ohio, Pacific Bell Telephone Company d/b/a SBC California, The Southern New England Telephone Company d/b/a SBC Connecticut, Southwestern Bell Telephone, L.P. d/b/a SBC Arkansas, SBC Kansas, SBC Missouri, SBC Oklahoma and SBC Texas, and Wisconsin Bell, Inc. d/b/a SBC Wisconsin, (collectively, "**SBC-13STATE**") and MCImetro Access Transmission Services LLC (including those Agreements held by MCImetro as successor in interest to MCI WORLDCOM Communications, Inc., Brooks Fiber Communications, Inc., and Intermedia Communications LLC) ("collectively, "MCI") and amends the Agreements, in effect as of the Amendment Effective Date, between the Parties in the states of Arkansas, California, Connecticut, Illinois, Indiana, Kansas, Michigan, Missouri, Nevada, Ohio, Oklahoma, Texas and Wisconsin.

WHEREAS, **SBC-13STATE** and MCI are parties to Agreements that were previously submitted to the state Commissions for approval; and

WHEREAS, the Parties wish to amend the Agreements as set forth in this Amendment;

NOW, THEREFORE, in consideration of the mutual promises contained herein, the Parties agree as follows:

1. INTRODUCTION

1.1 Unless otherwise defined herein, capitalized terms shall have the meanings assigned to such terms in the Agreements.

1.2 To the extent there is a conflict or inconsistency between the provisions of this Amendment and the provisions of the Agreements (including all incorporated or accompanying Appendices, Addenda and Exhibits to the Agreements), the provisions of this Amendment shall control and apply but only to the extent of such conflict or inconsistency.

2. AMENDMENT TO THE AGREEMENT

2.1. On and after the Amendment Effective Date (as defined in Section 3 of this Amendment), the Agreements are hereby amended by adding Attachment A of this Amendment ("Appendix Out of Exchange Traffic") to the Agreements as a new appendix.

3. AMENDMENT EFFECTIVE DATE

3.1 The effective date of this Amendment shall be immediate upon approval of this Amendment by the applicable state Commission or, absent such Commission approval, the date this Amendment is filed under Section 252(e)(4) of the Act ("Amendment Effective Date").

4. TERM OF AMENDMENT

4.1 Except as modified herein, all other rates, terms and conditions of the Agreements shall remain unchanged. This Amendment will become effective as of the Amendment Effective Date, and will terminate on the termination or expiration of the Agreements.

5. RESERVATIONS OF RIGHTS

5.1The Parties acknowledge that they disagree as to whether this Amendment is necessary for the Parties to exchange Out of Exchange Traffic (as defined in Attachment A of this Amendment) and

that, in entering into this Amendment, neither Party is waiving, and each Party hereby expressly reserves, any of the rights, remedies or arguments it may have about whether this Amendment, or any of its specific terms or conditions, is required for the exchange of Out of Exchange Traffic.

5.2 The Parties further acknowledge that this Amendment is intended to be an interim solution for the exchange of Out of Exchange Traffic and that in the event any legislative or administrative body of competent jurisdiction (including the FCC and the Commissions) or any court of competent jurisdiction promulgates legally effective statutes, rules, regulations or orders which materially affect any provision of this Amendment or either Party's obligations regarding Out of Exchange Traffic, the Parties shall, upon the written request of either Party, negotiate promptly and in good faith in order to amend the affected Agreements in accordance with such statutes, rules, regulations or orders.

5.3 The Parties further acknowledge that this Amendment and the terms and conditions set forth in Attachment A are specifically intended to apply prospectively only and that the Parties shall continue to use existing interconnection facilities and traffic routing arrangements for the exchange of Out of Exchange Traffic to the extent that such facilities and routing arrangements were used to exchange Out of Exchange Traffic prior to the Amendment Effective Date.

5.4 The Parties fully reserve, and do not waive, any and all rights under their existing Agreements with respect to any orders, decisions, legislation or proceedings, and any remands thereof, from any federal or state regulatory, legislative or judicial action(s), including, without limitation, their intervening law or change of law rights relating to the following actions which the Parties have not yet fully incorporated into their Agreements: *Verizon v. FCC, et. al*, 535 U.S. 467 (2002); *USTA, et. al v. FCC*, 290 F.3d 415 (D.C. Cir. 2002)("USTA I") and following remand and appeal, *USTA v. FCC*, 359 F.3d 554 (D.C. Cir. June 16, 2004)("USTA II"); the FCC's "Triennial Review Order," CC Docket Nos. 01-338, 96-98 and 98-147 (FCC 03-36); the FCC's "Interim Rules" in WC Docket No. 04-313 and CC Docket 01-338 (FCC 04-179)(rel. August 21, 2004); and any order issued in CC Docket 96-98 or the FCC's rulemaking *In the Matter of Developing a Unified Intercarrier Compensation Regime*, CC Docket 01-92 (est. April 27, 2001). Further, neither Party will argue or take the position before any state or federal regulatory commission or court that any provisions set forth in this Amendment constitutes an agreement or waiver relating to the appropriate routing, treatment and compensation for Voice Over Internet Protocol traffic and/or traffic utilizing in whole or part Internet Protocol technology; rather, each Party expressly reserves any rights, remedies, and arguments they may have as to such issues including but not limited, to any rights each may have as a result of the FCC's Order *In the Matter of Petition for Declaratory Ruling that AT&T's Phone-to-Phone IP Telephony Services are Exempt from Access Charges*, WC Docket No. 02-361 (rel. April 21, 2004) and the FCC's Notice of Proposed Rulemaking *In the Matter of IP-Enabled Services*, WC Docket 04-36 (rel. March 10, 2004).

6. MISCELLANEOUS

6.1 This Amendment may be executed in counterparts, each of which shall be deemed an original but all of which when taken together shall constitute a single agreement.

IN WITNESS WHEREOF, each Party has caused this Amendment to be executed by its duly authorized representative.

MCImetro Access Transmission Services LLC

By: _____

Printed: Michael A. Beach

Title: Vice President, Carrier Management

Date: 3/1/05

Illinois Bell Telephone Company d/b/a SBC Illinois, Indiana Bell Telephone Company Incorporated d/b/a SBC Indiana, Michigan Bell Telephone Company d/b/a SBC Michigan, Nevada Bell Telephone Company d/b/a SBC Nevada, The Ohio Bell Telephone Company d/b/a SBC Ohio, Pacific Bell Telephone Company d/b/a SBC California, The Southern New England Telephone Company d/b/a SBC Connecticut, Southwestern Bell Telephone, L.P. d/b/a SBC Arkansas, SBC Kansas, SBC Missouri, SBC Oklahoma and/or SBC Texas, and Wisconsin Bell, Inc. d/b/a SBC Wisconsin by SBC Operations, Inc., its authorized agent

By: _____

Printed: **Mike Auinbauh**

Title: AVP-Local Interconnection Marketing

Date: MAR 28 2005

FACILITIES-BASED OCN # _____
ACNA _____

ATTACHMENT A: OUT OF EXCHANGE APPENDIX

APPENDIX OUT OF EXCHANGE TRAFFIC

TABLE OF CONTENTS

1. DEFINITIONS 3
2. INTRODUCTION 3
3. NETWORK MANAGEMENT 3
4. NETWORK CONNECTIONS FOR OUT OF EXCHANGE TRAFFIC 3
5. INTERCARRIER TRAFFIC COMPENSATION 5
6. INTENTIONALLY LEFT BLANK 5
7. INTRASTATE INTRALATA INTERCOMPANY TRAFFIC 5
8. MEET-POINT-BILLING (MPB) and SWITCHED ACCESS TRAFFIC COMPENSATION 5
9. INTERLATA SECTION 251(B)(5) TRAFFIC 5

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 **SBC Operations Inc. (SBC-13STATE)** means the holding company which directly or indirectly owns the following ILECs: Illinois Bell Telephone Company d/b/a SBC Illinois, Indiana Bell Telephone Company Incorporated d/b/a SBC Indiana, Michigan Bell Telephone Company d/b/a SBC Michigan, Nevada Bell Telephone Company d/b/a SBC Nevada, The Ohio Bell Telephone Company d/b/a SBC Ohio, Pacific Bell Telephone Company d/b/a SBC California, The Southern New England Telephone Company d/b/a SBC Connecticut, Southwestern Bell Telephone, L.P. d/b/a SBC Arkansas, SBC Kansas, SBC Missouri, SBC Oklahoma and/or SBC Texas and/or Wisconsin Bell, Inc. d/b/a SBC Wisconsin.

1.3 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 MCIm end user located in another ILEC's incumbent local exchange area and terminates to an **SBC-13STATE** end user customer located in an **SBC-13STATE** local exchange area or;

(ii) Originates from an **SBC-13STATE** end user located in an **SBC-13STATE** local exchange area and terminates to an MCIm end user customer located in another ILEC's incumbent local exchange area.

2 INTRODUCTION

2.1 For purposes of this Appendix, MCIm intends to operate and/or provide telecommunications services outside of **SBC-13STATE** incumbent local exchange areas and desires to interconnect MCIm's network with SBC- 13STATE's network(s).

2.2 Intentionally Omitted.

2.3 Other than as set forth in this Appendix, **SBC-13STATE**'s obligations under this Agreement shall apply only to the specific operating area(s) or portion thereof in which **SBC-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 **SBC-13STATE**'s originating traffic destined for MCIm end user customers in another ILEC's exchange will be delivered to MCIm's POI arrangements in an SBC 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 MCIm's traffic originating from another ILEC's exchange and destined for **SBC-13STATE** end

users will be delivered to MCIm's POI arrangements in the SBC 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 **SBC-13STATE** exceeds one DS1 (24 DS0s) to or from an **SBC-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, **SBC-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, **SBC-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, **SBC-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 **SBC-13STATE**'s End Office via a Third Party ILEC's Tandem 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 **SBC-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 **SBC-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 **SBC-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 **SBC-13STATE**'s tandem(s) will provide MCIm accessibility to End Offices, IXCs, LECs, WSPs and NXXs which subtend that tandem(s). Connection of a trunk group from one Party to the other Party's End Office(s) will provide the connecting Party accessibility only to the NXXs served by that individual End Office(s) to which the connecting Party interconnects. Direct End Office Trunk groups that connect the Parties End Office(s) shall provide the Parties accessibility only to the NXXs that are served by that End Office(s).

4.10 **SBC-13STATE** will open MCIm NPA-NXX codes, rated to or identified to reside in non-**SBC-13STATE** exchange areas, in **SBC-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. **SBC-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 **SBC-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 **SBC-13STATE** exchange, **SBC-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. **SBC-13STATE** will not provision or be responsible for facilities located outside of **SBC-13STATE** exchange areas.

9.2 The Parties agree that the associated traffic from each **SBC-13STATE** End Office will not alternate route.

9.3 Intentionally Omitted

9.4 Except as otherwise provided in this Appendix, for MCIm originated/**SBC-13STATE** terminated traffic or **SBC-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.

9.5 Intentionally Omitted.

9.6 Intentionally Omitted.

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 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) 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, 2007[1] ("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 C LEC 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 Intercarrier 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: Director	Title: Director – Contract Management
Date: Oct 29 2007	Date: 11-1-07

EXHIBIT A

		Arkansas	**Kansas**	**Oklahoma**	**Missouri**[3]
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
		California	**Nevada**	**Michigan**	
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	
		Illinois	**Indiana**	**Ohio**	**Wisconsin**
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
Texas					
Call Set-Up		$0.0010887			
Duration		$0.0010423			
Connecticut					
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

State	Rate [4]
Arkansas	$0.000881
California	
Set Up	$0.000229
Duration	$0.000877
Connecticut	$0.001186
Illinois	$0.001188
Indiana	$0.001196
Kansas	$0.000880
Michigan	
Set Up	$0.000104
Duration	$0.000693
Missouri (70% MCA)[5]	$0.000282
Nevada	
Set Up	$0.000547
Duration	$0.001031
Ohio	$ 0.001142
Oklahoma	$ 0.001037
Texas	
Set Up	$0.000152
Duration	$0.000748
Wisconsin	$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.

AMENDMENT TO
INTERCONNECTION AGREEMENT UNDER SECTIONS 251 AND 252 OF THE TELECOMMUNICATIONS ACT OF 1996
BETWEEN
SOUTHWESTERN BELL TELEPHONE, L.P. D/B/A AT&T KANSAS
AND
MCIMETRO ACCESS TRANSMISSION SERVICES LLC

The Interconnection Agreement effective October 26, 2005 by and between Southwestern Bell Telephone, L.P. d/b/a AT&T Kansas ("AT&T") and MCImetro Access Transmission Services LLC ("MCIm") ("Agreement") effective in the State of Kansas is hereby amended as follows:

1. Section 4 of the General Terms and Conditions is amended by adding the following section:

   4.2. Notwithstanding anything to the contrary in this Section 4.2, the term of this Agreement, as modified by this Amendment, will be extended and shall remain in effect for a period of three (3) years from December 13, 2008 until December 13, 2011, and thereafter as set forth in the Agreement.

2. AT&T and MCIm acknowledge and agree that the Agreement is, and shall remain, subject to intervening changes in law in accordance with Section 23 of the Agreement.

3. 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.

4. In entering into this Amendment, neither Party waives, and each Party expressly reserves, any rights, remedies or arguments it may have at law or under the intervening law or regulatory change provisions in the underlying Agreement (including intervening law rights asserted by either Party via written notice predating this Amendment) with respect to any orders, decisions, legislation or proceedings and any remands thereof, which the Parties have not yet fully incorporated into this Agreement or which may be the subject of further review.

5. This Amendment shall be filed with and is subject to approval by the Kansas Corporation Commission and shall become effective ten (10) days following approval by such Commission.

MCImetro Access Transmission Services LLC

By: _____

Name: **Peter H. Reynolds**
(Print or Type)

Title: Director
(Print or Type)

Date: June 11, 2009

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

By: _____

Name: Eddie A. Reed, Jr.

Title: Director-Interconnection Agreements

Date: 6-19-09

Resale OCN # 7229 and 7020

UNE OCN # 7524, 7593 and 2533

Switch Based OCN # 7524, 7593 and 2533

ACNA WUA and BFP and AKJ

AT&T Wholesale Amendment

Contract Number: 10305

FURTHER AMENDMENT TO AMENDMENT SUPERSEDING CERTAIN RECIPROCAL COMPENSATION, INTERCONNECTION AND TRUNKING TERMS BETWEEN SOUTHWESTERN BELL TELEPHONE COMPANY D/B/A AT&T KANSAS AND MCIMETRO ACCESS TRANSMISSION SERVICES LLC

The Amendment Superseding Certain Reciprocal Compensation Interconnection and Trunking Terms effective August 1, 2007 by and between Southwestern Bell Telephone Company d/b/a AT&T Kansas ("AT&T") and MCImetro Access Transmission Services LLC ("MCIm") (including those arrangements (ACNAs and OCNs) held by MCIm as successor in interest to Brooks Fiber Communications of Missouri, Inc., Rhythms Links Inc.) (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

By: _____

Name: Peter H. Reynolds

Title: Director

Date: July 24, 2011

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

By: _____

Name: Patrick Doherty
(Print or Type)

Title: Director - Regulatory
(Print or Type)

Date: JUL 28 2011

	Resale OCN	ULEC OCN	CLEC OCN
KANSAS	7020		7593
ACNA -	BFP		

	Resale OCN	ULEC OCN	CLEC OCN
KANSAS			2533
ACNA -	AKJ		

	Resale OCN	ULEC OCN	CLEC OCN
KANSAS	7229	7524	7524
ACNA -	WUA		

AT&T Wholesale Amendment

Contract Number: 18399

FURTHER AMENDMENT TO
AMENDMENT SUPERSEDING CERTAIN RECIPROCAL COMPENSATION, INTERCONNECTION AND TRUNKING TERMS
BETWEEN
SOUTHWESTERN BELL TELEPHONE COMPANY D/B/A AT&T KANSAS
AND
MCIMETRO ACCESS TRANSMISSION SERVICES LLC

The Amendment Superseding Certain Reciprocal Compensation Interconnection and Trunking Terms effective August 1, 2007 by and between Southwestern Bell Telephone Company d/b/a AT&T KANSAS ("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 October 26, 2005 (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	Southwestern Bell Telephone Company d/b/a AT&T KANSAS, by AT&T Services, Inc., its authorized agent
By: eSigned - Peter H Reynolds	By: eSigned - Kristen E. Shore
Name: eSigned - Peter H Reynolds (Print or Type)	Name: eSigned - Kristen E. Shore
Title: Dir-Vendor Mgmt (Print or Type)	Title: Director
Date: 30 Aug 2013	Date: 04 Sep 2013

MCImetro Access Transmission Services LLC
OCNs and ACNAs:

	Resale OCN	ULEC OCN	CLEC OCN
KANSAS	7020		7593
ACNA -	BFP		

	Resale OCN	ULEC OCN	CLEC OCN
KANSAS			2533
ACNA -	AKJ		

	Resale OCN	ULEC OCN	CLEC OCN
KANSAS	7229	7524	7524
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

Contract Number: 19648

AMENDMENT

BETWEEN

SOUTHWESTERN BELL TELEPHONE COMPANY D/B/A AT&T KANSAS

AND

MCIMETRO ACCESS TRANSMISSION SERVICES LLC

Signature: eSigned - Daniel J Higgins II

Name: eSigned - Daniel J Higgins II
(Print or Type)

Title: AVP, Verizon Partner Solutions
(Print or Type)

Date: 29 Jul 2014

MCIMetro Access Transmission Services LLC

Signature: eSigned - Kristen E. Shore

Name: eSigned - Kristen E. Shore
(Print or Type)

Title: Executive Director-Regulatory
(Print or Type)

Date: 08 Aug 2014

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

State	Resale OCN	ULEC OCN	CLEC OCN
KANSAS	7020 7229	7524	2533 7593 7524

Description	ACNA Code(s)
ACNA(s)	AKJ BFP WUA

FURTHER AMENDMENT TO

AMENDMENT SUPERSEDING CERTAIN RECIPROCAL COMPENSATION, INTERCONNECTION AND TRUNKING TERMS

BETWEEN

SOUTHWESTERN BELL TELEPHONE COMPANY D/B/A AT&T KANSAS

AND

MCIMETRO ACCESS TRANSMISSION SERVICES LLC

The Amendment Superseding Certain Reciprocal Compensation Interconnection and Trunking Terms effective August 1, 2007 by and between Southwestern Bell Telephone Company d/b/a AT&T Kansas ("AT&T KANSAS") and MCImetro Access Transmission Services LLC ("MCIm") (such Amendment, the "Superseding Amendment") is as applicable to AT&T KANSAS and MCIm amended as follows:

WHEREAS, AT&T KANSAS 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 October 26, 2005 (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 Superceding Amendment will be extended and shall remain in effect through June 30, 2015. Thereafter, the Superceding Amendment will remain in full force and effect unless terminated in accordance with the terms thereof.

3. The Parties also agree to replace Sections 15.0 – 15.7 in its entirety of the General Terms and Conditions from the Agreement with the following language for the State of Kansas:

15.0 Notice

15.1 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:

15.1.1 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.

15.2 Notices will be deemed given as of the earliest of:

15.2.1 the date of actual receipt;

15.2.2 the next Business Day when sent via express delivery service; or

15.2.3 five (5) calendar days after mailing in the case of first class or certified U.S. Postal Service;

15.3 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
FACSIMILENUMBER	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.

15.4 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 15. 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 shall be deemed effective ten (10) calendar days following receipt by the other Party.

15.5 AT&T KANSAS 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.

15.6 Intentionally blank.

15.7 Intentionally blank.

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

Contract Number: 21107

AMENDMENT

BETWEEN

SOUTHWESTERN BELL TELEPHONE COMPANY D/B/A AT&T KANSAS

AND

MCIMETRO ACCESS TRANSMISSION SERVICES LLC

Signature: eSigned - Daniel J. Higgins II	Signature: eSigned - Kristen E. Shore
Name: 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 2015	Date: 14 Oct 2015
MCImetro Access Transmission Services LLC	Southwestern Bell Telephone Company d/b/a AT&T KANSAS by AT&T Services, Inc., its authorized agent

	Resale OCN	ULEC OCN	CLEC OCN
KANSAS	7020		7593

ACNA - BFP

	Resale OCN	ULEC OCN	CLEC OCN
KANSAS			2533

ACNA - AKJ

	Resale OCN	ULEC OCN	CLEC OCN
KANSAS	7229	7524	7524

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 SOUTHWESTERN BELL TELEPHONE COMPANY D/B/A AT&T KANSAS

This Amendment (the "Amendment") amends the Interconnection Agreement by and between Southwestern Bell Telephone Company d/b/a AT&T KANSAS ("AT&T KANSAS") and MCImetro Access Transmission Services LLC ("CLEC"). AT&T KANSAS and CLEC are hereinafter referred to collectively as the "Parties" and individually as a "Party".

WHEREAS, AT&T KANSAS and CLEC are parties to an Interconnection Agreement under Sections 251 and 252 of the Communications Act of 1934, as amended (the "Act"), approved October 26, 2005 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 15 from the Agreement with the following language:

   15. Notices

   15.1 Notices given by CLEC to AT&T KANSAS 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:

      15.1.1 delivered by electronic mail (email);

      15.1.2 delivered by facsimile.

   15.2 Notices given by AT&T KANSAS 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:

      15.2.1 delivered by express delivery service with next Business Day delivery;

      15.2.2 delivered by first class, certified or registered U.S. mail, postage prepaid.

   15.3 Notices will be deemed given as of the earliest of:

      15.3.1 the date of actual receipt;

      15.3.2 where the notice is sent via express delivery service for next Business Day delivery, the next Business Day after the notice is sent;

      15.3.3 where the notice is sent via First Class U.S. Mail, three (3) Business Days after mailing;

      15.3.4 where notice is sent via certified or registered U.S. mail, the date of receipt shown on the U.S. Postal Service receipt.

15.4 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.

15.5 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 15.0. 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.

15.6 In addition, CLEC agrees that it is responsible for providing AT&T KANSAS 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 KANSAS to be received at least thirty (30) days prior to the change and/or addition in accordance with this Section 15.0 notice provision; CLEC shall also update its CLEC Profile through the applicable form and/or web-based interface.

15.6.1 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.

15.6.2 CLEC may be able to place orders for certain services in AT&T KANSAS 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.

15.7 AT&T KANSAS 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. For Kansas: 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.

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 Traffic ISP-Bound Traffic and Section 251(b)(5) Traffic as per FCC 01-131, per MOU (Effective Through 6/30/17)		ZZUR2		$ 0.0007	NA	NA	MOU
2MR-AT	KS	LOCAL INTERCONNECTION (CALL TRANSPORT AND TERMINATION	Rate for All Traffic ISP-Bound Traffic and Section 251(b)(5) Traffic as per FCC 01-131, per MOU (Effective 7/01/17)		ZZUR2		$0.00	NA	NA	MOU
2MR-AT	KS	LOCAL INTERCONNECTION (CALL TRANSPORT AND TERMINATION	Optional EAS Transport and Termination per MOU (Effective through 6/30/2017)		ZZUR2		$0.0210000	NA	NA	MOU
2MR-AT	KS	LOCAL INTERCONNECTION (CALL TRANSPORT AND TERMINATION	Optional EAS Transport and Termination per MOU (Effective 7/1/2017)		ZZUR2		$0.00	NA	NA	MOU

AT&T Wholesale Amendment

Contract Number: 21167

AMENDMENT

BETWEEN

SOUTHWESTERN BELL TELEPHONE COMPANY D/B/A AT&T KANSAS

AND

MCIMETRO ACCESS TRANSMISSION SERVICES LLC

Signature: eSigned - Daniel J. Higgins II

Name: eSigned - Daniel J. Higgins II
(Print or Type)

Title: AVP, Verizon Partner Solution
(Print or Type)

Date: 01 Dec 2015

MCImetro Access Transmission Services LLC

Signature: eSigned - William A. Bockelman

Name: eSigned - William A. Bockelman
(Print or Type)

Title: Director
(Print or Type)

Date: 02 Dec 2015

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

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.

	Resale OCN	ULEC OCN	CLEC OCN
KANSAS	7020		7593

ACNA - BFP

	Resale OCN	ULEC OCN	CLEC OCN
KANSAS			2533

ACNA - AKJ

	Resale OCN	ULEC OCN	CLEC OCN
KANSAS	7229	7524	7524

ACNA - WUA

AMENDMENT TO THE AGREEMENT BETWEEN MCIMETRO ACCESS TRANSMISSION SERVICES LLC AND SOUTHWESTERN BELL TELEPHONE COMPANY D/B/A AT&T KANSAS

This amendment ("Amendment") amends the Interconnection Agreement by and between Southwestern Bell Telephone Company d/b/a AT&T KANSAS ("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 October 26, 2005 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

TABLE OF CONTENTS

Section — Page Number

1.0 Introduction 3
2.0 Definitions 4
3.0 Operator Services (OS) / Directory Services (DA) 4
4.0 Inward Assistance Operator Services (INW) 8
5.0 Directory Assistance Listings (DAL) 9
6.0 White Pages 10
7.0 General Conditions: 12

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 (EAOSS) 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	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	
6	KS	DIRECTORY ASSISTANCE SERVICES	National Directory Assistance (NDA) - Credit		ZZUO6		$ 0.65	NA	NA	
6	KS	DIRECTORY ASSISTANCE SERVICES	Business Category Search (BCS)		ZZUOB		$ 0.65	NA	NA	
6	KS	DIRECTORY ASSISTANCE SERVICES	Reverse Directory Assistance (RDA)		ZZUO8		$ 0.65	NA	NA	
6	KS	DIRECTORY ASSISTANCE SERVICES	Reverse Directory Assistance (RDA) - Credit		ZZUO9		$ 0.65	NA	NA	
6	KS	DIRECTORY LISTING PRODUCT	White Page Directory Listings					NA	NA	
6	KS	DIRECTORY LISTING PRODUCT	Non Published/Non List Directory Listings					NA	NA	
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	DIRECTORY ASSISTANCE LISTINGS	Directory Assistance Listings (DAL)-Initial Load, per listing				$ 0.0585	NA	NA	per listing
6	KS	DIRECTORY ASSISTANCE LISTINGS	Directory Assistance Listings (DAL)-Update, per listing				$ 0.0585	NA	NA	per listing
6	KS	DIRECTORY ASSISTANCE LISTINGS	Directory Assistance Listings (DAL)-Non-Pub Emergency Message Service				$ 2.60	NA	NA	per listing
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 (Including Busy Line Verify [BLV] and Busy Line Verification/Interrup [BLV/I]) 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

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 II

Name: 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 Bockelman

Name: 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, 9th Floor
CITY, STATE, ZIP CODE	Arlington, VA 22201
PHONE NUMBER*	703.351.3656
FACSIMILE NUMBER	N/A
EMAIL ADDRESS	VZLegalWholesale@verizon.com

	AT&T CONTACT
NAME/TITLE	Contract Management ATTN: Notices Manager
FACSIMILE NUMBER	(214) 712-5792
EMAIL ADDRESS	The current email address as provided on AT&T's CLEC Online website

*Informational only and not to be considered as an official notice vehicle under this Section.

N.5 Either Party may unilaterally change its designated contact name, address, email address, and/or facsimile number for the receipt of Notices by giving written Notice to the other Party in compliance with this Section N. Unless explicitly stated otherwise, any change to the designated contact name, address, email address, and/or facsimile number will replace such information currently on file. Any Notice to change the designated contact name, address, email address, and/or facsimile number for the receipt of Notices shall be deemed effective ten (10) calendar days following receipt by the other Party.

N.6 In addition, CLEC agrees that it is responsible for providing AT&T with CLEC's OCN and ACNA numbers for the states in which CLEC is authorized to do business and in which CLEC is requesting that this Agreement apply. In the event that CLEC wants to change and/or add to the OCN and/or ACNA information in the CLEC Profile, CLEC shall send written notice to AT&T to be received at least thirty (30) days prior to the

change and/or addition in accordance with this Section N. notice provision; CLEC shall also update its CLEC Profile through the applicable form and/or web-based interface.

N.6.1 CLEC may not order services under a new account and/or subsequent state certification, established in accordance with this Section until thirty (30) days after all information specified in this Section is received from CLEC.

N.6.2 CLEC may be able to place orders for certain services in AT&T without having properly updated the CLEC Profile; however, at any time during the term of this Agreement without additional notice AT&T may at its discretion eliminate such functionality. At such time, if CLEC has not properly updated its CLEC Profile, ordering capabilities will cease, and CLEC will not be able to place orders until thirty (30) days after CLEC has properly updated its CLEC Profile.

N.7 AT&T communicates official information to CLECs via its Accessible Letter, or other applicable, notification processes. These processes involve electronic transmission and/or posting to the AT&T CLEC Online website, inclusive of a variety of subjects including declaration of a force majeure, changes on business processes and policies, and other product/service related notices not requiring an amendment to this Agreement.

7. There shall be no retroactive application of any provision of this Amendment prior to the Effective Date of an adopting CLEC's agreement.

8. This Amendment shall be deemed to revise the terms and provisions of the Agreement only to the extent necessary to give effect to the terms and provisions of this Amendment. In the event of a conflict between the terms and provisions of this Amendment and the terms and provisions of the Agreement (including all incorporated or accompanying Appendices, Addenda, and Exhibits to the Agreement), this Amendment shall govern, provided, however, that the fact that a term or provision appears in this Amendment but not in the Agreement, or in the Agreement but not in this Amendment, shall not be interpreted as, or deemed grounds for finding, a conflict for purposes of this Amendment.

9. In entering into this Amendment, neither Party waives, and each Party expressly reserves, any rights, remedies or arguments it may have at law or under the intervening law or regulatory change provisions in the underlying Agreement (including intervening law rights asserted by either Party via written notice predating this Amendment) with respect to any orders, decisions, legislation or proceedings and any remands thereof, which the Parties have not yet fully incorporated into this Agreement or which may be the subject of further review.

10. This Amendment shall not modify or extend the Effective Date or Term of the underlying Agreement, but rather, shall be coterminous with such Agreement.

11. EXCEPT AS MODIFIED HEREIN, ALL OTHER TERMS AND CONDITIONS OF THE UNDERLYING AGREEMENT SHALL REMAIN UNCHANGED AND IN FULL FORCE AND EFFECT.

12. Signatures by all Parties to this Amendment are required to effectuate this Amendment. This Amendment may be executed in counterparts. Each counterpart shall be considered an original and such counterparts shall together constitute one and the same instrument.

13. For Alabama, Florida, Georgia, Illinois, Indiana, Kansas, Kentucky, Louisiana, Michigan, Mississippi, Missouri, 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)

TABLE OF CONTENTS

Section		Page Number
1.0	Introduction	3
2.0	Definitions	3
3.0	Operator Services (OS) / Directory Assistance (DA)	4
4.0	Listings	7
5.0	General Conditions for Operator Services (OS), Directory Assistance (DA)	9
6.0	Termination – Entire Attachment 06 – Operator Assistance and Directory Assistance Services	9

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

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

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

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

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone	Monthly Recurring Charge (MRC)	Non-Recurring Charge (NRC) First	Non-Recurring Charge (NRC) Additional	Per Unit
2MR-AT	KS	LOCAL INTERCONNECTION (CALL TRANSPORT AND TERMINATION	Rate for All ISP-Bound and section 251(b)(5) Traffic as per FCC 01-131, per MOU		ZZUR2		$0.00	NA	NA	MOU
2MR-AT	KS	LOCAL INTERCONNECTION (CALL TRANSPORT AND TERMINATION	Optional EAS Transport and Termination per MOU		ZZUR2		$0.00	NA	NA	MOU
6	KS	DIRECTORY ASSISTANCE SERVICES	Directory Assistance (DA) - per call		ZZUO3		$ 0.40	NA	NA	per call
6	KS	DIRECTORY ASSISTANCE SERVICES	Directory Assistance (DA) - per call - Credit		ZZUO4		$ 0.40	NA	NA	per call
6	KS	DIRECTORY ASSISTANCE SERVICES	Directory Assistance Call Completion (DACC) - per call		ZZUO7		$ 0.15	NA	NA	per call
6	KS	DIRECTORY ASSISTANCE SERVICES	National Directory Assistance (NDA)		ZZUO5		$ 0.65	NA	NA	per call
6	KS	DIRECTORY ASSISTANCE SERVICES	National Directory Assistance (NDA) - Credit		ZZUO6		$ 0.65	NA	NA	per call
6	KS	DIRECTORY ASSISTANCE SERVICES	Business Category Search (BCS)		ZZUOB		$ 0.65	NA	NA	per call
6	KS	DIRECTORY ASSISTANCE SERVICES	Reverse Directory Assistance (RDA)		ZZUO8		$ 0.65	NA	NA	per call
6	KS	DIRECTORY ASSISTANCE SERVICES	Reverse Directory Assistance (RDA) - Credit		ZZUO9		$ 0.65	NA	NA	per call
6	KS	DIRECTORY LISTING PRODUCT	White Page Directory Listings				$0.00	$0.00	$0.00	initial listing is no charge
6	KS	DIRECTORY LISTING PRODUCT	Non Published/Non List Directory Listings					NA	NA	See Tariffs and / or Service Guidebook
6	KS	DIRECTORY ASSISTANCE - BRANDING	Directory Assistance - Branding - Initial/Subsequent Load per switch, per OCN		NRBDG		NA	$ 1,800.00	$ 1,800.00	per switch, per OCN
6	KS	DIRECTORY ASSISTANCE - BRANDING	Directory Assistance - Branding Per call		ZZUCB		$ 0.030	NA	NA	per call
6	KS	DIRECTORY ASSISTANCE - RATE REFERENCE	Directory Assistance - Rate Reference Initial Load per state, per OCN		NRBDL		NA	$ 5,000.00	NA	per state, per OCN
6	KS	DIRECTORY ASSISTANCE - RATE REFERENCE	Directory Assistance - Rate Reference - Subsequent Load per state, per OCN		NRBDM		NA	$ 1,500.00	NA	per state, per OCN
6	KS	OPERATOR CALL PROCESSING	Operated Services - Fully Automated Call Processing (Per completed automated call)		ZZUO1		$ 0.15	NA	NA	Per completed automated call
6	KS	OPERATOR CALL PROCESSING	Operator Assisted Call Processing -- All Types per work second		ZZUO2		$ 0.03	NA	NA	per work second
6	KS	OPERATOR SERVICES - BRANDING	Operator Services - Branding - Initial/Subsequent Load per switch, per OCN		NRBDG		NA	$ 1,800.00	$ 1,800.00	per switch, per OCN
6	KS	OPERATOR SERVICES - BRANDING	Operator Services - Branding Per call		ZZUCB		$ 0.030	NA	NA	per call
6	KS	OPERATOR SERVICES - RATE REFERENCE	Operator Services - Rate Reference Initial Load per state, per OCN		NRBDL		NA	$ 5,000.00	NA	per state, per OCN
6	KS	OPERATOR SERVICES - RATE REFERENCE	Operator Services - Rate Reference - Subsequent Load per state, per OCN		NRBDM		NA	$ 1,500.00	NA	per state, per OCN
6	KS	OTHER RESALE - DIRECTORY ASSISTANCE/OPERATOR SERVICES	Directory Assistance Services				21.60%	NA	NA	Flat Rate Discount for Resale
6	KS	OTHER RESALE - DIRECTORY ASSISTANCE/OPERATOR SERVICES	Local Operator Assistance Service				21.60%	NA	NA	Flat Rate Discount for Resale

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone	Monthly Recurring Charge (MRC)	Non-Recurring Charge (NRC) First	Non-Recurring Charge (NRC) Additional	Per Unit
2MR-AT	KY	LOCAL INTERCONNECTION (CALL TRANSPORT AND TERMINATION)	Rate for all ISP-Bound and Section 251(b)(5) Traffic as per FCC-01-131, per MOU				0.00bk			MOU
2MR-AT	KY	LOCAL INTERCONNECTION (CALL TRANSPORT AND TERMINATION)	Common Transport - Per Mile, Per MOU				0.00bk			MILE/MOU
2MR-AT	KY	LOCAL INTERCONNECTION (CALL TRANSPORT AND TERMINATION)	Common Transport - Facilities Termination Per MOU				0.00bk			MOU
6	KY	BRANDING - DIRECTORY ASSISTANCE	Recording and Provisioning of DA Custom Branded Announcement	AMT	CBADA			3,000.00	3,000.00	announcement
6	KY	BRANDING - DIRECTORY ASSISTANCE	Loading of Custom Branded Announcement per Switch per OCN	AMT	CBADC			1,170.00	1,170.00	per Switch per OCN
6	KY	DIRECTORY ASSISTANCE SERVICES	Directory Assistance Access Service Calls, Charge Per Call				0.31			Per Call
6	KY	DIRECTORY ASSISTANCE SERVICES	Directory Assistance Call Completion Access Service (DACC), Per Call				0.10			Per Call
6	KY	BRANDING - DIRECTORY ASSISTANCE SERVICES	Directory Assistance - Rate Reference Initial Load per state per OCN					5,000.00		per state per OCN
6	KY	BRANDING - DIRECTORY ASSISTANCE SERVICES	Directory Assistance - Rate Reference Subsequent Load per state per OCN						1,500.00	per state per OCN
6	KY	DIRECTORY ASSISTANCE DATABASE SERVICE (DADS)	Directory Assistance Database Service (DADS)-Initial Load, per listing					0.04		listing
6	KY	DIRECTORY ASSISTANCE DATABASE SERVICE (DADS)	Directory Assistance Database Service (DADS)-Monthly Recurring Fee				150.00			monthly
6	KY	BRANDING - OPERATOR CALL PROCESSING	Recording of Custom Branded OA Announcement	AMT	CBAOS			7,000.00	7,000.00	announcement
6	KY	BRANDING - OPERATOR CALL PROCESSING	Loading of Custom Branded OA Announcement per shelf/NAV per OCN	AMT	CBAOL			500.00	500.00	per shelf/NAV per OCN
6	KY	OPERATOR CALL PROCESSING	Oper. Call Processing - Oper. Provided, Per Min. - Using BST LIDB				1.20			minute
6	KY	OPERATOR CALL PROCESSING	Oper. Call Processing - Oper. Provided, Per Min. - Using Foreign LIDB				1.24			minute
6	KY	OPERATOR CALL PROCESSING	Oper. Call Processing - Fully Automated, per Call - Using BST LIDB				0.20			Per Call
6	KY	OPERATOR CALL PROCESSING	Oper. Call Processing - Fully Automated, per Call - Using Foreign LIDB				0.20			Per Call
6	KY	BRANDING - OPERATOR CALL PROCESSING	Operator Services - Rate Reference Initial Load per state per OCN					5,000.00		per state per OCN
6	KY	BRANDING - OPERATOR CALL PROCESSING	Operator Services - Rate Reference Subsequent Load per state per OCN						1,500.00	per state per OCN
6	KY	DIRECTORY ASSISTANCE DATABASE SERVICE (DADS)	Directory Assistance Database Service (DADS)-Update, per listing				0.04	N/A	N/A	listing
6	KY	DIRECTORY LISTING PRODUCT	White Page Directory Listings				0.00	0.00	0.00	initial listing is no charge
6	KY	DIRECTORY LISTING PRODUCT	Non Published /Non List / Additional Directory Listings							See Tariffs and / or Service Guidebook
6	KY	BRANDING - OPERATOR CALL PROCESSING	Loading of OA Custom Branded Announcement per Switch per OCN				N/A	1,170.00	1,170.00	per switch per OCN
6	KY	OTHER RESALE - DIRECTORY ASSISTANCE/OPERATOR SERVICES	Directory Assistance Services				16.79% (Res) 15.54% (Bus)	N/A	N/A	Flat Rate Discount for Resale
6	KY	OTHER RESALE - DIRECTORY ASSISTANCE/OPERATOR SERVICES	Local Operator Assistance Service				16.79% (Res) 15.54% (Bus)	N/A	N/A	Flat Rate Discount for Resale
6	KY	BRANDING - DIRECTORY ASSISTANCE	Unbranding - Loading of DA per OCN (1 OCN per Order)				N/A	420.00	420.00	OCN

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

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone	Monthly Recurring Charge (MRC)	Non-Recurring Charge (NRC) First	Non-Recurring Charge (NRC) Additional	Per Unit
2MR-AT	LA	LOCAL INTERCONNECTION (CALL TRANSPORT AND TERMINATION)	Rate for all ISP-Bound and Section 251(b)(5) Traffic as per FCC-01-131, per MOU				0.00bk			MOU
2MR-AT	LA	LOCAL INTERCONNECTION (CALL TRANSPORT AND TERMINATION)	Common Transport - Per Mile, Per MOU				0.00bk			MILE/MOU
2MR-AT	LA	LOCAL INTERCONNECTION (CALL TRANSPORT AND TERMINATION)	Common Transport - Facilities Termination Per MOU				0.00bk			MOU
6	LA	BRANDING - DIRECTORY ASSISTANCE	Recording and Provisioning of DA Custom Branded Announcement	AMT	CBADA			3,000.00	3,000.00	announcement
6	LA	BRANDING - DIRECTORY ASSISTANCE	Loading of Custom Branded Announcement per Switch per OCN	AMT	CBADC			1,170.00	1,170.00	per Switch per OCN
6	LA	DIRECTORY ASSISTANCE SERVICES	Directory Assistance Access Service Calls, Charge Per Call				0.31			Per Call
6	LA	DIRECTORY ASSISTANCE SERVICES	Directory Assistance Call Completion Access Service (DACC), Per Call				0.10			Per Call
6	LA	BRANDING - DIRECTORY ASSISTANCE SERVICES	Directory Assistance - Rate Reference Initial Load per state per OCN					5,000.00		per state per OCN
6	LA	BRANDING - DIRECTORY ASSISTANCE SERVICES	Directory Assistance - Rate Reference Subsequent Load per state per OCN						1,500.00	per state per OCN
6	LA	DIRECTORY ASSISTANCE DATABASE SERVICE (DADS)	Directory Assistance Database Service (DADS)-Initial Load, per listing					0.04		listing
6	LA	DIRECTORY ASSISTANCE DATABASE SERVICE (DADS)	Directory Assistance Database Service (DADS)-Update, per listing				0.04			listing
6	LA	DIRECTORY ASSISTANCE DATABASE SERVICE (DADS)	Directory Assistance Database Service (DADS)-Monthly Recurring Fee				150.00			monthly
6	LA	BRANDING - OPERATOR CALL PROCESSING	Recording of Custom Branded OA Announcement	AMT	CBAOS			7,000.00	7,000.00	announcement
6	LA	BRANDING - OPERATOR CALL PROCESSING	Loading of Custom Branded OA Announcement per shelf/NAV per OCN	AMT	CBAOL			500.00	500.00	per shelf/NAV per OCN
6	LA	BRANDING - OPERATOR CALL PROCESSING	Operator Services - Rate Reference Initial Load per state per OCN					5,000.00		per state per OCN
6	LA	BRANDING - OPERATOR CALL PROCESSING	Operator Services - Rate Reference Subsequent Load per state per OCN						1,500.00	per state per OCN
6	LA	OPERATOR CALL PROCESSING	Oper. Call Processing - Oper. Provided, Per Min. - Using BST LIDB				1.20			Minute
6	LA	OPERATOR CALL PROCESSING	Oper. Call Processing - Oper. Provided, Per Min. - Using Foreign LIDB				1.24			Minute
6	LA	OPERATOR CALL PROCESSING	Oper. Call Processing - Fully Automated, per Call - Using BST LIDB				0.20			Per Call
6	LA	OPERATOR CALL PROCESSING	Oper. Call Processing - Fully Automated, per Call - Using Foreign LIDB				0.20			Per Call
6	LA	DIRECTORY LISTING PRODUCT	White Page Directory Listings				0.00	0.00	0.00	initial listing is no charge
6	LA	DIRECTORY LISTING PRODUCT	Non Published /Non List / Additional Directory Listings							See Tariffs and / or Service Guidebook
6	LA	BRANDING - OPERATOR CALL PROCESSING	Loading of OA Custom Branded Announcement per Switch per OCN				N/A	1,170.00	1,170.00	per switch per OCN
6	LA	OTHER RESALE - DIRECTORY ASSISTANCE/OPERATOR SERVICES	Directory Assistance Services				20.72%	N/A	N/A	Flat Rate Discount for Resale
6	LA	OTHER RESALE - DIRECTORY ASSISTANCE/OPERATOR SERVICES	Local Operator Assistance Service				20.72%	N/A	N/A	Flat Rate Discount for Resale
6	LA	BRANDING - DIRECTORY ASSISTANCE	Unbranding - Loading of DA per OCN (1 OCN per Order)				N/A	420.00	420.00	OCN
6	LA	BRANDING - DIRECTORY ASSISTANCE	Unbranding - Loading of DA per Switch per OCN				N/A	16.00	16.00	per switch per OCN
6	LA	BRANDING - OPERATOR CALL PROCESSING	Unbranding - Loading of OA per OCN (Regional)				N/A	1,200.00	1,200.00	OCN

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

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone	Monthly Recurring Charge (MRC)	Non-Recurring Charge (NRC) First	Non-Recurring Charge (NRC) Additional	Per Unit
2MR-AT	MO	LOCAL INTERCONNECTION (CALL TRANSPORT AND TERMINATION)	Optional EAS Transport & Termination per MOU		ZZUR2		NA	NA	NA	MOU
2MR-AT	MO	LOCAL INTERCONNECTION (CALL TRANSPORT AND TERMINATION)	Rate for All ISP-Bound and section 251(b)(5) Traffic as per FCC 01-131, per MOU		ZZUR2		$0.00	NA	NA	MOU
6	MO	DIRECTORY ASSISTANCE SERVICES	Directory Assistance (DA) - per call		ZZUO3		$0.40	NA	NA	per call
6	MO	DIRECTORY ASSISTANCE SERVICES	Directory Assistance (DA) - per call - credit		ZZUO4		$0.40	NA	NA	per call
6	MO	DIRECTORY ASSISTANCE SERVICES	Directory Assistance Call Completion (DACC) - per call		ZZUO7		$0.15	NA	NA	per call
6	MO	DIRECTORY ASSISTANCE SERVICES	National Directory Assistance (NDA), per call		ZZUO5		$0.65	NA	NA	per call
6	MO	DIRECTORY ASSISTANCE SERVICES	National Directory Assistance (NDA), per call - credit		ZZUO6		$0.65	NA	NA	per call
6	MO	DIRECTORY ASSISTANCE SERVICES	Business Category Search (BCS), per call		ZZUOB		$0.65	NA	NA	per call
6	MO	DIRECTORY ASSISTANCE SERVICES	Reverse Directory Assistance (RDA), per call		ZZUO8		$0.65	NA	NA	per call
6	MO	DIRECTORY ASSISTANCE SERVICES	Reverse Directory Assistance (RDA), per call - credit		ZZUO9		$0.65	NA	NA	per call
6	MO	DIRECTORY ASSISTANCE - BRANDING	Directory Assistance - Branding - Initial/Subsequent Load, per switch, per OCN		NRBDG		NA	$1,800.00	$1,800.00	per switch, per OCN
6	MO	DIRECTORY ASSISTANCE - BRANDING	Directory Assistance - Branding Per call		ZZUCB		$0.03	NA	NA	per call
6	MO	DIRECTORY ASSISTANCE - RATE REFERENCE	Directory Assistance - Rate Reference Initial Load, per state, per OCN		NRBDL		NA	$5,000.00	NA	per state, per OCN
6	MO	DIRECTORY ASSISTANCE - RATE REFERENCE	Directory Assistance - Rate Reference Subsequent Load per state, per OCN		NRBDM		NA	$1,500.00	NA	per state, per OCN
6	MO	OPERATOR CALL PROCESSING	Operated Services - Fully Automated Call Processing (Per completed automated call)		ZZUO1		$0.15	NA	NA	per completed automated call
6	MO	OPERATOR CALL PROCESSING	Operator Assisted Call Processing -- All Types per work second		ZZUO2		$0.03	NA	NA	per work second
6	MO	OPERATOR SERVICES - BRANDING	Operator Services - Branding Initial/Subsequent Load, per switch, per OCN		NRBDG		NA	$1,800.00	$1,800.00	per switch, per OCN
6	MO	OPERATOR SERVICES - BRANDING	Operator Services - Branding Per call		ZZUCB		$0.03	NA	NA	per call
6	MO	OPERATOR SERVICES - RATE REFERENCE	Operator Services - Rate Reference - Initial Load, per state, per OCN		NRBDL		NA	$5,000.00	NA	Per state, per OCN
6	MO	OPERATOR SERVICES - RATE REFERENCE	Operator Services - Rate Reference - Subsequent Load, per state, per OCN		NRBDM		NA	$1,500.00	NA	Per state, per OCN
6	MO	OTHER RESALE - DIRECTORY ASSISTANCE/OPERATOR SERVICES	Directory Assistance Services				19.20%	NA	NA	Flat Rate Discount for Resale
6	MO	OTHER RESALE - DIRECTORY ASSISTANCE/OPERATOR SERVICES	Local Operator Assistance Service				19.20%	NA	NA	Flat Rate Discount for Resale
6	MO	DIRECTORY LISTING PRODUCT	White Page Directory Listings				$0.00	$0.00	$0.00	initial listing is no charge
6	MO	DIRECTORY LISTING PRODUCT	Non Published /Non List / Additional Directory Listings							See Tariffs and / or Service Guidebook

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone	Monthly Recurring Charge (MRC)	Non-Recurring Charge (NRC) First	Non-Recurring Charge (NRC) Additional	Per Unit
2MR-AT	MS	LOCAL INTERCONNECTION (CALL TRANSPORT AND TERMINATION)	Rate for all ISP-Bound and Section 251(b)(5) Traffic as per FCC-01-131, per MOU				0.00bk			MOU
2MR-AT	MS	LOCAL INTERCONNECTION (CALL TRANSPORT AND TERMINATION)	Common Transport - Per Mile, Per MOU				0.00bk			MILE/MOU
2MR-AT	MS	LOCAL INTERCONNECTION (CALL TRANSPORT AND TERMINATION)	Common Transport - Facilities Termination Per MOU				0.00bk			MOU
6	MS	BRANDING - DIRECTORY ASSISTANCE	Recording and Provisioning of DA Custom Branded Announcement	AMT	CBADA			3,000.00	3,000.00	announcement
6	MS	BRANDING - DIRECTORY ASSISTANCE	Loading of Custom Branded Announcement per Switch per OCN	AMT	CBADC			1,170.00	1,170.00	per Switch per OCN
6	MS	DIRECTORY ASSISTANCE SERVICES	Directory Assistance Access Service Calls, Charge Per Call				0.31			Per Call
6	MS	DIRECTORY ASSISTANCE SERVICES	Directory Assistance Call Completion Access Service (DACC), Per Call				0.10			Per Call
6	MS	BRANDING - DIRECTORY ASSISTANCE SERVICES	Directory Assistance - Rate Reference Initial Load per state per OCN					5,000.00		per state per OCN
6	MS	BRANDING - DIRECTORY ASSISTANCE SERVICES	Directory Assistance - Rate Reference Subsequent Load per state per OCN						1,500.00	per state per OCN
6	MS	DIRECTORY ASSISTANCE DATABASE SERVICE (DADS)	Directory Assistance Database Service (DADS)-Initial Load, per listing					0.04		listing
6	MS	DIRECTORY ASSISTANCE DATABASE SERVICE (DADS)	Directory Assistance Database Service (DADS)-Update, per listing				0.04			listing
6	MS	DIRECTORY ASSISTANCE DATABASE SERVICE (DADS)	Directory Assistance Database Service (DADS)-Monthly Recurring Fee				150.00			monthly
6	MS	BRANDING - OPERATOR CALL PROCESSING	Recording of Custom Branded OA Announcement	AMT	CBAOS			7,000.00	7,000.00	announcement
6	MS	BRANDING - OPERATOR CALL PROCESSING	Loading of Custom Branded OA Announcement per shelf/NAV per OCN	AMT	CBAOL			500.00	500.00	per shelf/NAV per OCN
6	MS	OPERATOR CALL PROCESSING	Oper. Call Processing - Oper. Provided, Per Min. - Using BST LIDB				1.20			minute
6	MS	OPERATOR CALL PROCESSING	Oper. Call Processing - Oper. Provided, Per Min. - Using Foreign LIDB				1.24			minute
6	MS	OPERATOR CALL PROCESSING	Oper. Call Processing - Fully Automated, per Call - Using BST LIDB				0.20			Per Call
6	MS	OPERATOR CALL PROCESSING	Oper. Call Processing - Fully Automated, per Call - Using Foreign LIDB				0.20			Per Call
6	MS	BRANDING - OPERATOR CALL PROCESSING	Operator Services - Rate Reference Initial Load per state per OCN					5,000.00		per state per OCN
6	MS	BRANDING - OPERATOR CALL PROCESSING	Operator Services - Rate Reference Subsequent Load per state per OCN						1,500.00	per state per OCN
6	MS	DIRECTORY LISTING PRODUCT	White Page Directory Listings				0.00	0.00	0.00	initial listing is no charge
6	MS	DIRECTORY LISTING PRODUCT	Non Published /Non List / Additional Directory Listings							See Tariffs and / or Service Guidebook
6	MS	BRANDING - OPERATOR CALL PROCESSING	Loading of OA Custom Branded Announcement per Switch per OCN				N/A	1,170.00	1,170.00	per switch per OCN
6	MS	OTHER RESALE - DIRECTORY ASSISTANCE/OPERATOR SERVICES	Directory Assistance Services				15.75%	N/A	N/A	Flat Rate Discount for Resale
6	MS	OTHER RESALE - DIRECTORY ASSISTANCE/OPERATOR SERVICES	Local Operator Assistance Service				15.75%	N/A	N/A	Flat Rate Discount for Resale
6	MS	BRANDING - DIRECTORY ASSISTANCE	Unbranding - Loading of DA per OCN (1 OCN per Order)				N/A	420.00	420.00	OCN
6	MS	BRANDING - DIRECTORY ASSISTANCE	Unbranding - Loading of DA per Switch per OCN				N/A	16.00	16.00	per switch per OCN
6	MS	BRANDING - OPERATOR CALL PROCESSING	Unbranding - Loading of OA per OCN (Regional)				N/A	1,200.00	1,200.00	OCN

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone	Monthly Recurring Charge (MRC)	Non-Recurring Charge (NRC) First	Non-Recurring Charge (NRC) Additional	Per Unit
2MR-AT	NC	LOCAL INTERCONNECTION (CALL TRANSPORT AND TERMINATION)	Rate for all ISP-Bound and Section 251(b)(5) Traffic as per FCC-01-131, per MOU				0.00bk			MOU
2MR-AT	NC	LOCAL INTERCONNECTION (CALL TRANSPORT AND TERMINATION)	Common Transport - Per Mile, Per MOU				0.00bk			MILE/MOU
2MR-AT	NC	LOCAL INTERCONNECTION (CALL TRANSPORT AND TERMINATION)	Common Transport - Facilities Termination Per MOU				0.00bk			MOU
6	NC	BRANDING - DIRECTORY ASSISTANCE	Recording and Provisioning of DA Custom Branded Announcement	AMT	CBADA			3,000.00	3,000.00	announcement
6	NC	BRANDING - DIRECTORY ASSISTANCE	Loading of Custom Branded Announcement per Switch per OCN	AMT	CBADC			1,170.00	1,170.00	per Switch per OCN
6	NC	DIRECTORY ASSISTANCE SERVICES	Directory Assistance Access Service Calls, Charge Per Call				0.31			Per Call
6	NC	DIRECTORY ASSISTANCE SERVICES	Directory Assistance Call Completion Access Service (DACC), Per Call				0.10			Per Call
6	NC	BRANDING - DIRECTORY ASSISTANCE SERVICES	Directory Assistance - Rate Reference Initial Load per state per OCN					5,000.00		per state per OCN
6	NC	BRANDING - DIRECTORY ASSISTANCE SERVICES	Directory Assistance - Rate Reference Subsequent Load per state per OCN						1,500.00	per state per OCN
6	NC	DIRECTORY ASSISTANCE DATABASE SERVICE (DADS)	Directory Assistance Database Service (DADS)-Initial Load, per listing					0.04		listing
6	NC	DIRECTORY ASSISTANCE DATABASE SERVICE (DADS)	Directory Assistance Database Service (DADS)-Update, per listing				0.04			listing
6	NC	DIRECTORY ASSISTANCE DATABASE SERVICE (DADS)	Directory Assistance Database Service (DADS)-Monthly Recurring Fee				150.00			monthly
6	NC	BRANDING - OPERATOR CALL PROCESSING	Recording of Custom Branded OA Announcement	AMT	CBAOS			7,000.00	7,000.00	announcement
6	NC	BRANDING - OPERATOR CALL PROCESSING	Loading of Custom Branded OA Announcement per shelf/NAV per OCN	AMT	CBAOL			500.00	500.00	per shelf/NAV per OCN
6	NC	OPERATOR CALL PROCESSING	Oper. Call Processing - Oper. Provided, Per Min. - Using BST LIDB				1.20			minute
6	NC	OPERATOR CALL PROCESSING	Oper. Call Processing - Oper. Provided, Per Min. - Using Foreign LIDB				1.24			minute
6	NC	OPERATOR CALL PROCESSING	Oper. Call Processing - Fully Automated, per Call - Using BST LIDB				0.20			Per Call
6	NC	OPERATOR CALL PROCESSING	Oper. Call Processing - Fully Automated, per Call - Using Foreign LIDB				0.20			Per Call
6	NC	BRANDING - OPERATOR CALL PROCESSING	Operator Services - Rate Reference Initial Load per state per OCN					5,000.00		per state per OCN
6	NC	BRANDING - OPERATOR CALL PROCESSING	Operator Services - Rate Reference Subsequent Load per state per OCN						1,500.00	per state per OCN
6	NC	DIRECTORY LISTING PRODUCT	White Page Directory Listings				0.00	0.00	0.00	initial listing is no charge
6	NC	DIRECTORY LISTING PRODUCT	Non Published /Non List / Additional Directory Listings							See Tariffs and / or Service Guidebook
6	NC	BRANDING - OPERATOR CALL PROCESSING	Loading of OA Custom Branded Announcement per Switch per OCN				N/A	1,170.00	1,170.00	per switch per OCN
6	NC	OTHER RESALE - DIRECTORY ASSISTANCE/OPERATOR SERVICES	Directory Assistance Services				21.50% (Res) 17.60% (Bus)	N/A	N/A	Flat Rate Discount for Resale
6	NC	OTHER RESALE - DIRECTORY ASSISTANCE/OPERATOR SERVICES	Local Operator Assistance Service				21.50% (Res) 17.60% (Bus)	N/A	N/A	Flat Rate Discount for Resale
6	NC	BRANDING - DIRECTORY ASSISTANCE	Unbranding - Loading of DA per OCN (1 OCN per Order)				N/A	420.00	420.00	OCN

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	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
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	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

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone	Monthly Recurring Charge (MRC)	Non-Recurring Charge (NRC) First	Non-Recurring Charge (NRC) Additional	Per Unit
2MR-AT	OK	LOCAL INTERCONNECTION (CALL TRANSPORT AND TERMINATION)	Rate for All ISP-Bound and section 251(b)(5) Traffic as per FCC 01-131, per MOU		ZZUR2		$0.00	NA	NA	MOU
2MR-AT	OK	LOCAL INTERCONNECTION (CALL TRANSPORT AND TERMINATION)	Optional EAS Transport and Termination per MOU				NA	NA	NA	MOU
6	OK	DIRECTORY ASSISTANCE SERVICES	Directory Assistance (DA) - per call		ZZUO3		$0.40	NA	NA	per call
6	OK	DIRECTORY ASSISTANCE SERVICES	Directory Assistance (DA) - per call - credit		ZZUO4		$0.40	NA	NA	per call
6	OK	DIRECTORY ASSISTANCE SERVICES	Directory Assistance Call Completion (DACC) - per call		ZZUO7		$0.15	NA	NA	per call
6	OK	DIRECTORY ASSISTANCE SERVICES	National Directory Assistance (NDA)- per call		ZZUO5		$0.65	NA	NA	per call
6	OK	DIRECTORY ASSISTANCE SERVICES	National Directory Assistance (NDA)- per call - credit		ZZUO6		$0.65	NA	NA	per call
6	OK	DIRECTORY ASSISTANCE SERVICES	Business Category Search (BCS) per call		ZZUOB		$0.65	NA	NA	per call
6	OK	DIRECTORY ASSISTANCE SERVICES	Reverse Directory Assistance, per call		ZZUO8		$0.65	NA	NA	per call
6	OK	DIRECTORY ASSISTANCE SERVICES	Reverse Directory Assistance, per call - credit		ZZUO9		$0.65	NA	NA	per call
6	OK	BRANDING - DIRECTORY ASSISTANCE	Directory Assistance - Branding - Initial/Subsequent Load, per switch, per OCN		NRBDG		NA	$1,800.00	$1,800.00	per switch, per OCN
6	OK	BRANDING - DIRECTORY ASSISTANCE	Directory Assistance - Branding Per call		ZZUCB		$0.03	NA	NA	per call
6	OK	BRANDING - DIRECTORY ASSISTANCE	Directory Assistance - Based Rate Reference - Initial Load, per state, per OCN		NRBDL		NA	$5,000.00	NA	per state per OCN
6	OK	BRANDING - DIRECTORY ASSISTANCE	Directory Assistance Rate Reference - Subsequent Load, per state, per OCN		NRBDM		NA	$1,500.00	NA	per state per OCN
6	OK	DIRECTORY LISTING PRODUCT	White Page Directory Listings				$0.00	$0.00	$0.00	initial listing is no charge
6	OK	DIRECTORY LISTING PRODUCT	Non Published/Non List Directory Listings					NA	NA	See Tariffs and / or Service Guidebook
6	OK	OPERATOR CALL PROCESSING	Operated Services - Fully Automated Call Processing (Per completed automated call)		ZZUO1		$0.15	NA	NA	completed automated call
6	OK	OPERATOR CALL PROCESSING	Operator Assisted Call Processing -- All Types per work second		ZZUO2		$0.03	NA	NA	per work second
6	OK	BRANDING - OPERATOR CALL PROCESSING	Operator Services - Branding - Initial/Subsequent Load per switch, per OCN		NRBDG		NA	$1,800.00	$1,800.00	per switch, per OCN
6	OK	BRANDING - OPERATOR CALL PROCESSING	Operator Services - Branding Per call		ZZUCB		$0.030	NA	NA	per call
6	OK	BRANDING - OPERATOR CALL PROCESSING	Operator Services - Based Rate Reference - Initial Load, per state per OCN		NRBDL		NA	$5,000.00	NA	per state per OCN
6	OK	BRANDING - OPERATOR CALL PROCESSING	Operator Services Rate Reference - Subsequent Load, per state, per OCN		NRBDM		NA	$1,500.00	NA	per state per OCN
6	OK	OTHER RESALE - DIRECTORY ASSISTANCE/OPERATOR SERVICES	Directory Assistance Services				19.80%	N/A	N/A	Flat Rate Discount for Resale
6	OK	OTHER RESALE - DIRECTORY ASSISTANCE/OPERATOR SERVICES	Local Operator Assistance Service				19.80%	N/A	N/A	Flat Rate Discount for Resale

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone	Monthly Recurring Charge (MRC)	Non-Recurring Charge (NRC) First	Non-Recurring Charge (NRC) Additional	Per Unit
2MR-AT	SC	LOCAL INTERCONNECTION (CALL TRANSPORT AND TERMINATION)	Rate for all ISP-Bound and Section 251(b)(5) Traffic as per FCC-01-131, per MOU				0.00bk			MOU
2MR-AT	SC	LOCAL INTERCONNECTION (CALL TRANSPORT AND TERMINATION)	Common Transport - Per Mile, Per MOU				0.00bk			MILE/MOU
2MR-AT	SC	LOCAL INTERCONNECTION (CALL TRANSPORT AND TERMINATION)	Common Transport - Facilities Termination Per MOU				0.00bk			MOU
6	SC	BRANDING - DIRECTORY ASSISTANCE	Recording and Provisioning of DA Custom Branded Announcement	AMT	CBADA			3,000.00	3,000.00	announcement
6	SC	BRANDING - DIRECTORY ASSISTANCE	Loading of Custom Branded Announcement per Switch per OCN	AMT	CBADC			1,170.00	1,170.00	per Switch per OCN
6	SC	DIRECTORY ASSISTANCE SERVICES	Directory Assistance Access Service Calls, Charge Per Call				0.31			per call
6	SC	DIRECTORY ASSISTANCE SERVICES	Directory Assistance Call Completion Access Service (DACC), Per Call				0.10			per call
6	SC	BRANDING - DIRECTORY ASSISTANCE SERVICES	Directory Assistance - Rate Reference Initial Load per state per OCN					5,000.00		per state per OCN
6	SC	BRANDING - DIRECTORY ASSISTANCE SERVICES	Directory Assistance - Rate Reference Subsequent Load per state per OCN						1,500.00	per state per OCN
6	SC	DIRECTORY ASSISTANCE DATABASE SERVICE (DADS)	Directory Assistance Database Service (DADS)-Initial Load, per listing					0.04		listing
6	SC	DIRECTORY ASSISTANCE DATABASE SERVICE (DADS)	Directory Assistance Database Service (DADS)-Update, per listing				0.04			listing
6	SC	DIRECTORY ASSISTANCE DATABASE SERVICE (DADS)	Directory Assistance Database Service (DADS)-Monthly Recurring Fee				150.00			monthly
6	SC	BRANDING - OPERATOR CALL PROCESSING	Recording of Custom Branded OA Announcement	AMT	CBAOS			7,000.00	7,000.00	announcement
6	SC	BRANDING - OPERATOR CALL PROCESSING	Loading of Custom Branded OA Announcement per shelf/NAV per OCN	AMT	CBAOL			500.00	500.00	per shelf/NAV per OCN
6	SC	OPERATOR CALL PROCESSING	Oper. Call Processing - Oper. Provided, Per Min. - Using BST LIDB				1.20			minute
6	SC	OPERATOR CALL PROCESSING	Oper. Call Processing - Oper. Provided, Per Min. - Using Foreign LIDB				1.24			minute
6	SC	OPERATOR CALL PROCESSING	Oper. Call Processing - Fully Automated, per Call - Using BST LIDB				0.20			per call
6	SC	OPERATOR CALL PROCESSING	Oper. Call Processing - Fully Automated, per Call - Using Foreign LIDB				0.20			per call
6	SC	BRANDING - OPERATOR CALL PROCESSING	Operator Services - Rate Reference Initial Load per state per OCN					5,000.00		per state per OCN
6	SC	BRANDING - OPERATOR CALL PROCESSING	Operator Services - Rate Reference Subsequent Load per state per OCN						1,500.00	per state per OCN
6	SC	BRANDING - DIRECTORY ASSISTANCE	Unbranding via OLNS for Wholesale CLEC - Loading of DA per OCN (1 OCN per Order)					420.00	420.00	OCN
6	SC	BRANDING - DIRECTORY ASSISTANCE	Unbranding via OLNS for Wholesale CLEC - Loading of DA per Switch per OCN					16.00	16.00	per Switch per OCN
6	SC	BRANDING - OPERATOR CALL PROCESSING	Wholesale CLEC - Unbranding via OLNS - Loading of OA per OCN (Regional)					1,200.00	1,200.00	OCN
6	SC	BRANDING - OPERATOR CALL PROCESSING	Wholesale CLEC - Loading of OA Custom Branded Announcement per Switch per OCN					1,170.00	1,170.00	per Switch per OCN

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

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

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone	Monthly Recurring Charge (MRC)	Non-Recurring Charge (NRC) First	Non-Recurring Charge (NRC) Additional	Per Unit
2MR-AT	TX	LOCAL INTERCONNECTION (CALL TRANSPORT AND TERMINATION)	Optional EAS Transport & Termination per MOU		ZZUR2		$0.00	NA	NA	MOU
2MR-AT	TX	LOCAL INTERCONNECTION (CALL TRANSPORT AND TERMINATION)	Rate for All ISP-Bound and section 251(b)(5) Traffic as per FCC 01-131, per MOU		ZZUR2		$0.000000	NA	NA	MOU
6	TX	DIRECTORY ASSISTANCE SERVICES	Directory Assistance (DA) - per call		ZZUO3		$0.40	NA	NA	per call
6	TX	DIRECTORY ASSISTANCE SERVICES	Directory Assistance (DA) - per call - Credit		ZZUO4		$0.40	NA	NA	per call
6	TX	DIRECTORY ASSISTANCE SERVICES	Directory Assistance Call Completion (DACC) - per cal		ZZUO7		$0.15	NA	NA	per call
6	TX	DIRECTORY ASSISTANCE SERVICES	National Directory Assistance (NDA) per cal		ZZUO5		$0.65	NA	NA	per call
6	TX	DIRECTORY ASSISTANCE SERVICES	National Directory Assistance (NDA) per call - credit		ZZUO6		$0.65	NA	NA	per call
6	TX	DIRECTORY ASSISTANCE SERVICES	Business Category Search (BCS) per call		ZZUOB		$0.65	NA	NA	per call
6	TX	DIRECTORY ASSISTANCE SERVICES	Reverse Directory Assistance (RDA) per call		ZZUO8		$0.65	NA	NA	per call
6	TX	DIRECTORY ASSISTANCE SERVICES	Reverse Directory Assistance (RDA) per call - credit		ZZUO9		$0.65	NA	NA	per call
6	TX	DIRECTORY LISTING PRODUCT	White Page Directory Listings				$0.00	$0.00	$0.00	initial listing is no charge
6	TX	DIRECTORY LISTING PRODUCT	Non Published/Non List Directory Listings					NA	NA	See Tariffs and / or Service Guidebook
6	TX	BRANDING - DIRECTORY ASSISTANCE	Directory Assistance - Branding - Initial/Subsequent Load per switch, per OCN		NRBDG		NA	$1,800.00	$1,800.00	per switch, per OCN
6	TX	BRANDING - DIRECTORY ASSISTANCE	Directory Assistance - Branding Per call		ZZUCB		$0.03	NA	NA	per call
6	TX	BRANDING - DIRECTORY ASSISTANCE	Directory Assistance - Rate Reference Initial Load per state, per OCN		NRBDL		NA	$5,000.00	NA	per state, per OCN
6	TX	BRANDING - DIRECTORY ASSISTANCE	Directory Assistance - Rate Reference Subsequent Load per state, per OCN		NRBDM		NA	$1,500.00	NA	per state, per OCN
6	TX	OPERATOR CALL PROCESSING	Operated Services - Fully Automated Call Processing (Per completed automated call)		ZZUO1		$0.15	NA	NA	per completed automated call
6	TX	OPERATOR CALL PROCESSING	Operator Assisted Call Processing -- All Types per work second		ZZUO2		$0.03	NA	NA	per work second
6	TX	BRANDING - OPERATOR CALL PROCESSING	Operator Services - Branding Initial/Subsequent Load per switch, per OCN		NRBDG		NA	$1,800.00	$1,800.00	per switch, per OCN
6	TX	BRANDING - OPERATOR CALL PROCESSING	Operator Services - Branding Per call		ZZUCB		$0.03	NA	NA	per call
6	TX	BRANDING - OPERATOR CALL PROCESSING	Operator Services - Rate Reference - Initial Load per state, per OCN		NRBDL		NA	$5,000.00	NA	per state, per OCN
6	TX	BRANDING - OPERATOR CALL PROCESSING	Operator Services - Rate Reference - Subsequent Load per state, per OCN		NRBDM		NA	$1,500.00	NA	per state, per OCN
6	TX	OTHER RESALE - DIRECTORY ASSISTANCE/OPERATOR SERVICES	Directory Assistance Services				21.60%	N/A	N/A	Flat Rate Discount for Resale
6	TX	OTHER RESALE - DIRECTORY ASSISTANCE/OPERATOR SERVICES	Local Operator Assistance Service				21.60%	N/A	N/A	Flat Rate Discount for Resale

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone	Monthly Recurring Charge (MRC)	Non-Recurring Charge (NRC) First	Non-Recurring Charge (NRC) Additional	Per Unit
2MR-AT	WI	LOCAL INTERCONNECTION (CALL TRANSPORT AND TERMINATION)	Rate for all ISP-Bound and Section 251(b)(5) Traffic as per FCC-01-131, per MOU	OHU	USG15		$0.00			MOU
6	WI	DIRECTORY ASSISTANCE SERVICES	Directory Assistance, per call	XPU	OPEN		$ 0.40	NA	NA	per call
6	WI	DIRECTORY ASSISTANCE SERVICES	National Directory Assistance (NDA), per call	XPU	OPEN		$ 0.65	NA	NA	per call
6	WI	DIRECTORY ASSISTANCE SERVICES	Reverse Directory Assistance (RDA), per call	XPU	OPEN		$ 0.65	NA	NA	per call
6	WI	DIRECTORY ASSISTANCE SERVICES	Business Category Search (BCS) / where applicable, per call	XPU	OPEN		$ 0.65	NA	NA	per call
6	WI	DIRECTORY ASSISTANCE SERVICES	Directory Assistance Call Completion (DACC)	XPU	OPEN		$ 0.15	NA	NA	per call
6	WI	OPERATOR SERVICES/DIRECTORY ASSISTANCE AUTOMATED CALL GREETING	Branding - Other - Initial/Subsequent Load per switch per OCN				N/A	$1,800.00	$1,800.00	per switch, per OCN
6	WI	OPERATOR SERVICES/DIRECTORY ASSISTANCE AUTOMATED CALL GREETING	Branding and Rate/Reference Look Up, per OS/DA call	XPU	OPEN		$ 0.03			per OS/DA call
6	WI	OPERATOR SERVICES/DIRECTORY ASSISTANCE AUTOMATED CALL GREETING	Branding-Facility Based-Initial/Subsequent Load - Branding, per trunk group				NA	$ 800.00	NA	per trunk group
6	WI	OPERATOR SERVICES/DIRECTORY ASSISTANCE RATE/REFERENCES	Rate Reference - Initial Load, per state, per OCN				NA	$ 5,000.00	NA	per state, per OCN
6	WI	OPERATOR SERVICES/DIRECTORY ASSISTANCE RATE/REFERENCES	Rate Reference - Subsequent Load, per state, per OCN				NA	$ 1,500.00	$ 1,500.00	per state, per OCN
6	WI	OPERATOR CALL PROCESSING	Operator Services Fully Automated Call Processing, per call	XPU	OPEN		$ 0.15	NA	NA	per call
6	WI	OPERATOR CALL PROCESSING	Operator Assisted Call Processing -- All Types, per work second	XPU	OPEN		$ 0.03	NA	NA	per work second
6	WI	OPERATOR CALL PROCESSING	Branding-Other-Initial/Subsequent Load, per switch, per OCN					$ 1,800.00	$ 1,800.00	per switch, per OCN
6	WI	OPERATOR CALL PROCESSING	per call	XPU	OPEN		$ 0.03			per OS/DA call
6	WI	OPERATOR CALL PROCESSING	Branding - Initial/Subsequent Load - per trunk group					$ 800.00		per trunk group
6	WI	OPERATOR CALL PROCESSING	Operator Services - Rate Reference - Initial Load					$ 5,000.00		per state, per OCN
6	WI	OPERATOR CALL PROCESSING	Operator Services - Rate Reference - Subsequent Load				NA	$ 1,500.00	$ 1,500.00	per state, per OCN
6	WI	DIRECTORY LISTING PRODUCT	DA Listings - per listing for initial load					$ 0.040	NA	per listing
6	WI	DIRECTORY LISTING PRODUCT	DA Listings - per listing for subsequent updates				$ 0.060		NA	per listing
6	WI	DIRECTORY LISTING PRODUCT	White Page Directory Listings				$0.00	$0.00	$0.00	initial listing is no charge
6	WI	DIRECTORY LISTING PRODUCT	Non Published /Non List / Additional Directory Listings							See Tariffs and / or Service Guidebook
6	WI	OTHER RESALE - DIRECTORY ASSISTANCE/OPERATOR SERVICES	Directory Assistance Services				25.00%	N/A	N/A	Flat Rate Discount for Resale
6	WI	OTHER RESALE - DIRECTORY ASSISTANCE/OPERATOR SERVICES	Local Operator Assistance Service				25.00%	N/A	N/A	Flat Rate Discount for Resale

AMENDMENT

BETWEEN

INDIANA BELL TELEPHONE COMPANY INCORPORATED D/B/A AT&T INDIANA, NEVADA BELL TELEPHONE COMPANY D/B/A AT&T NEVADA AND AT&T WHOLESALE, SOUTHWESTERN BELL TELEPHONE COMPANY D/B/A 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 II

Name: eSigned - Daniel J. Higgins II
(Print or Type)

Title: AVP Verizon Partner Solutions
(Print or Type)

Date: 10 Jul 2020

MCImetro Access Transmission Services Corp.
MCImetro Access Transmission Services Corp. d/b/a Verizon Access Transmission Services

Signature: eSigned - William Bockelman

Name: eSigned - William Bockelman
(Print or Type)

Title: DIR-INTERCONNECTION AGREEMENTS
(Print or Type)

Date: 10 Jul 2020

Indiana Bell Telephone Company Incorporated d/b/a AT&T INDIANA, Nevada Bell Telephone Company d/b/a AT&T NEVADA and AT&T Wholesale, Southwestern Bell Telephone Company d/b/a 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
INDIANA	7440,8552	7229	2658,7149,7228,7229
KANSAS	7020,7229	7524	2533,7524,7593
MISSOURI	7020,7149,7229,7974	7290	2691,7290,7432,7594,7666
NEVADA	7020,7229	053A	053A,1794,7376
OKLAHOMA	7020,7229	7824	7258,7824
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,AKJ,WUA,BFP

AMENDMENT TO THE AGREEMENTS BETWEEN MCIMETRO ACCESS TRANSMISSION SERVICES CORP. MCIMETRO ACCESS TRANSMISSION SERVICES CORP. D/B/A VERIZON ACCESS TRANSMISSION SERVICES AND SOUTHWESTERN BELL TELEPHONE COMPANY, D//B/A AT&T KANSAS, D/B/A AT&T MISSOURI, D/B/A AT&T OKLAHOMA, D/B/A AT&T TEXAS; INDIANA BELL TELEPHONE COMPANY, INCORPORATED, D/B/A AT&T INDIANA; WISCONSIN BELL, INC., D/B/A AT&T WISCONSIN; AND NEVADA BELL TELEPHONE COMPANY, D/B/A AT&T NEVADA AND AT&T WHOLESALE

This Amendment amends seven Interconnection Agreements between MCImetro Access Transmission Services Corp. and MCImetro Access Transmission Services Corp. d/b/a Verizon Access Transmission Services (hereinafter referred to as "CLEC") and Southwestern Bell Telephone Company, d//b/a AT&T Kansas, AT&T Missouri, AT&T Oklahoma, AT&T Texas, Indiana Bell Telephone Company, Incorporated, d/b/a AT&T Indiana, Wisconsin Bell, Inc. d/b/a AT&T Wisconsin and Nevada Bell Telephone Company d/b/a AT&T Nevada and AT&T Wholesale (hereinafter collectively referred to as "AT&T"), as are more fully described in the attached Exhibit A. CLEC and AT&T are hereafter collectively referred to as the "Parties" and individually as "Party."

WHEREAS, CLEC and AT&T are Parties to the Agreements shown in the attached Exhibit A.

NOW, **THEREFORE**, in consideration of the promises and mutual agreements set forth herein, the Parties agree to amend the Agreements as follows:

1. This Amendment is composed of the foregoing recitals, the terms and conditions contained within, and Exhibit A – Listing of Agreements, immediately following, all of which are hereby incorporated into this Amendment by this reference as if fully set forth herein and 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. Structure Access is covered by a separate Stand-Alone Structure Access Agreement for Poles, Ducts, Conduits, and Rights-of-Way – FCC States.
3. This Amendment shall be deemed to revise the terms and provisions of each 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 each 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 any Agreement, or in any Agreement but not in this Amendment, shall 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 each 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 each underlying Agreement or which may be the subject of further review.
5. This Amendment shall not modify or extend the Effective Date or Term of any underlying Agreement, but rather, shall be coterminous with such Agreement.
6. EXCEPT AS MODIFIED HEREIN, ALL OTHER TERMS AND CONDITIONS OF EACH UNDERLYING AGREEMENT SHALL 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 shall be considered an original and such counterparts shall together constitute one and the same instrument.
8. For Indiana, Kansas, Missouri, Nevada, Oklahoma, and 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 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 KANSAS	MCImetro Access Transmission Services Corp. d/b/a Verizon Access Transmission Services	Interconnection	10/26/05
Southwestern Bell Telephone Company d/b/a AT&T MISSOURI	MCImetro Access Transmission Services Corp, d/b/a Verizon Access Transmission Services (Corp.)	Interconnection	10/20/10
Southwestern Bell Telephone Company d/b/a AT&T OKLAHOMA	MCImetro Access Transmission Services Corp. d/b/a Verizon Access Transmission Services	Interconnection	2/22/07
Southwestern Bell Telephone Company d/b/a AT&T TEXAS	MCImetro Access Transmission Services Corp.	Interconnection	8/29/05
Indiana Bell Telephone Company Incorporated d/b/a AT&T INDIANA	MCImetro Access Transmission Services Corp.	Interconnection	3/11/06
Wisconsin Bell, Inc. d/b/a AT&T WISCONSIN	MCImetro Access Transmission Services Corp.	Interconnection	7/18/07
Nevada Bell Telephone Company d/b/a AT&T NEVADA and AT&T Wholesale	MCImetro Access Transmission Services Corp.	Interconnection	2/24/03

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 II

Name: eSigned - Daniel Higgins II
(Print or Type)

Title: AVP
(Print or Type)

Date: 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

Signature: eSigned - Kristen E. Shore

Name: eSigned - Kristen E. Shore
(Print or Type)

Title: AVP- Regulatory
(Print or Type)

Date: 12 Dec 2022

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	URESL	
13	AL	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Spreadsheet (per DS0)	UEA	URESP	
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	URESL	

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	URESL	
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	URESL	

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	URESL	
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	URESL	
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	URESL	
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	MVVBT	
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, NTCD1, U1TD1, U1TD3, U1TDX, U1TS1, U1TVX, UDF, UDFCX, UDLSX, UE3, ULDD1, ULDD3, ULDDX, ULDS1, ULDVX, 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	URESL	
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	URESP	

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 Crossonnect)			
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Network interface Device - NID Premise Visit (OANAD Terminology - NID to NID Crossonnect)			
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+, 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++	XOX5O	
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++	HOX5O	

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++	MOX5O	
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 - MultiplexingDS3/DS1 (CESAR/LEX - Simple)	CT3++, EE7P+, EE7Q+	MQ3UC	
13	CA	UNBUNDLED DEDICATED TRANSPORT	Non Recurring Service Order/Channel Rates - Connect - MultiplexingDS3/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 - MultiplexingDS3/DS1 (CESAR/LEX - Simple)	CT3++, EE7P+, EE7Q+	MQ3UD	
13	CA	UNBUNDLED DEDICATED TRANSPORT	Non Recurring Service Order/Channel Rates - Disconnect - MultiplexingDS3/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 - MultiplexingDS3/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 - MultiplexingDS3/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 (Manaul/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++	HOXO8	
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++	XOXO8	
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++	MOXO8	
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 (Manaul/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++	HOX1O	

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++	XOX1O	
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++	MOX1O	
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++	HOX1O	

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++	XOX1O	
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Link - Disconnect - Pbx Link - Initial (Mechanized)	EE7W+, BXL++	MOX1O	
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Link - Disconnect - Coin Link - Initial (Manual/Fax - Complex)	EE7V+, BNL++	HOX1O	
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Link - Disconnect - Coin Link - Initial (CESAR/LEX - Complex)	EE7V+, BNL++	XOX1O	
13	CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Link - Disconnect - Coin Link - Initial (Mechanized)	EE7V+, BNL++	MOX1O	
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 (Manaul/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 (Manaul/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	URESL
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	URESL
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	URESL
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	URESL
13	FL	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Spreadsheet, (per DS0)	NTCVG	URESP
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	URESL
13	FL	UNE LOOP COMMINGLING	4-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Spreadsheet, (per DS0)	NTCVG	URESP
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	URESL
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	URESL
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

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	URESL

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 Coordiantion for UVL-SL1s (per loop)	UEANL	UEAMC	
13	GA	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Manual Order Coordiantion 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	URESL	
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	URESL	
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	URESL	
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	URESL	

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	URESL	
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	URESL	
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	URESL	
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, NTCD1, U1TD1, U1TD3, U1TDX, U1TS1, U1TVX, UDF, UDFCX, UDLSX, UE3, ULDD1, ULDD3, ULDDX, ULDS1, ULDVX, 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	URESL	
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	URESL	
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 elementRemoval 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 elementRemoval 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++	NRMRJ	
14	IL	LOOP MODIFICATION	Removal of All Bridged Tap DSL Loops 12Kft. To 17.5Kft.	MUJ++, UOB++, UOR++	NRMRP	
14	IL	LOOP MODIFICATION	Removal of non-excessive bridged tap DSL loops >17.5Kft DSL Loops - per element incremental	MUJ++, UOB++, UOR++	NRMRS	
14	IL	LOOP MODIFICATION	Removal of All Bridged Tap DSL loops >17.5KFt. - per element incremental	MUJ++, UOB++, UOR++	NRMRM	
13	IL	UNBUNDLED EXCHANGE ACCESS LOOP	Loop Non-Recurring Charges - Service Ordering Charge - Analog Loops - Intitial - 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 - Intitial - 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	Provisioining - 4-Wire Analog Loop Connection - Initial Connection	EE7KX	NKCBC	
7	IL	OPERATIONS SUPPORT SYSTEM	Provisioining - 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	NKCBL	
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 - Initia 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	NKCCE	
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	NKCCH	

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 Interofcfice 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-Wir 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 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	NKCBE	
13	IN	UNBUNDLED EXCHANGE ACCESS LOOP	Enhanced Extended Loop (EEL) New Combination per Element 4-Wire Analog Loop Connection, Additional, Disconnect	EE7KX	NKCBF	
13	IN	UNBUNDLED EXCHANGE ACCESS LOOP	Enhanced Extended Loop (EEL) New Combination per Element 2-Wire Digital Loop Connection, Initial, Install	EE7LX	NKCBG	
13	IN	UNBUNDLED EXCHANGE ACCESS LOOP	Enhanced Extended Loop (EEL) New Combination per Element 2-Wire Digital Loop Connection, Initial, Disconnect	EE7LX	NKCBH	
13	IN	UNBUNDLED EXCHANGE ACCESS LOOP	Enhanced Extended Loop (EEL) New Combination per Element 2-Wire Digital Loop Connection, Additional, Install	EE7LX	NKCBJ	
13	IN	UNBUNDLED EXCHANGE ACCESS LOOP	Enhanced Extended Loop (EEL) New Combination per Element 2-Wire Digital Loop Connection, Additional, Disconnect	EE7LX	NKCBK	
13	IN	UNBUNDLED EXCHANGE ACCESS LOOP	Enhanced Extended Loop (EEL) New Combination per Element 4-Wire Digital Loop Connection, Initial, Install	EE7MX	NKCBL	
13	IN	UNBUNDLED EXCHANGE ACCESS LOOP	Enhanced Extended Loop (EEL) New Combination per Element 4-Wire Digital Loop Connection, Initial, Disconnect	EE7MX	NKCBM	
13	IN	UNBUNDLED EXCHANGE ACCESS LOOP	Enhanced Extended Loop (EEL) New Combination per Element 4-Wire Digital Loop Connection, Additional, Install	EE7MX	NKCBN	
13	IN	UNBUNDLED EXCHANGE ACCESS LOOP	Enhanced Extended Loop (EEL) New Combination per Element 4-Wire Digital Loop Connection, Additional, Disconnect	EE7MX	NKCBO	
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 ActivityChannelized 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	ROUNTINE 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 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	URESL	
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	URESL	
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	URESL	
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	URESL	
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	URESL	
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	URESL	
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	URESL	
13	KY	UNE LOOP COMMINGLING	Switch-As-Is Conversion rate per UNE Loop, Spreadsheet, (per DS0)	NTCUD	URESP	
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	MVVBT	

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, NTCD1, U1TD1, U1TD3, U1TDX, U1TS1, U1TVX, UDF, UDFCX, UDLSX, UE3, ULDD1, ULDD3, ULDDX, ULDS1, ULDVX, 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, NTCD1, U1TD1, U1TD3, U1TDX, U1TS1, U1TVX, UDF, UDFCX, UDLSX, UE3, ULDD1, ULDD3, ULDDX, ULDS1, ULDVX, 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	URESL	
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	URESL	

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	URESL	
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	URESL	
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	URESL	
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	URESL	
13	LA	UNE LOOP COMMINGLING	4-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Spreadsheet, (per DS0)	NTCVG	URESP	
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	URESL	
13	LA	UNE LOOP COMMINGLING	4-Wire DS1 Digital Loop -Switch-As-Is Conversion rate per UNE Loop, Spreadsheet, (per DS1)	NTCD1	URESP	
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	URESL	
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	URESP	
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	MVVBT	
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	URESL	
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 reachedDesign 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 Connectto 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	I
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	I
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	I
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	I
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	URESL	
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	URESL	
13	MS	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Spreadsheet, (per DS0)	UEA	URESP	
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	URESL	
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	URESL	

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	URESL	
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	URESL	
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	URESL	

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	URESL	
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	URESL	

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	URESL	
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	URESL	
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	URESL	
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	URESL	
13	NC	UNE LOOP COMMINGLING	4-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Spreadsheet, (per DS0)	NTCVG	URESP	
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	URESL	
13	NC	UNE LOOP COMMINGLING	4-Wire DS1 Digital Loop - Switch-As-Is Conversion rate per UNE Loop, Spreadsheet, (per DS1)	NTCD1	URESP	
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	URESL	
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	URESP	

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, NTCD1	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, NTCD1, U1TD1, U1TD3, U1TDX, U1TS1, U1TVX, UDF, UDFCX, UDLSX, UE3, ULDD1, ULDD3, ULDDX, ULDS1, ULDVX, UNC1X, UNC3X, UNCDX, UNCSX, UNCVX, ULS	MVVBT	
13	NC	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	NC	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	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	URESL	
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+, 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-WireAnalog 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++	HOX1O	
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++	XOX1O	
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++	MOX1O	

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 Inital (Manual/Fax)		HCNID	
13MR-SL	NV	SUB-LOOPS	Network Interface Device - Connect - NID to NID Crossconnect - Complex Inital (CESAR/LEX)		PCNID	
13MR-SL	NV	SUB-LOOPS	Network Interface Device - Connect - NID to NID Crossconnect - Complex Inital (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 Inital (Manual/Fax)			
13MR-SL	NV	SUB-LOOPS	Network Interface Device - Disconnect - NID to NID Crossconnect - Complex Inital (CESAR/LEX)			
13MR-SL	NV	SUB-LOOPS	Network Interface Device - Disconnect - NID to NID Crossconnect - Complex Inital (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 Inital (Manual/Fax)			
13MR-SL	NV	SUB-LOOPS	Network Interface Device - Change - NID to NID Crossconnect - Complex Inital (CESAR/LEX)			
13MR-SL	NV	SUB-LOOPS	Network Interface Device - Change - NID to NID Crossconnect - Complex Inital (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 Inital (Manual/Fax)			
13MR-SL	NV	SUB-LOOPS	Network Interface Device - Record - NID to NID Crossconnect - Complex Inital (CESAR/LEX)			
13MR-SL	NV	SUB-LOOPS	Network Interface Device - Record - NID to NID Crossconnect - Complex Inital (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 AreaC)	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	URESL	
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	URESL	
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	URESL	
13	SC	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire DS1 Digital Loop - Switch-As-Is Conversion rate per UNE Loop, Spreadsheet, (per DS1)	USL	URESP	
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	URESL	
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	URESL	
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	URESL	
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	URESL	
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	URESP	
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	MVVBT	

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, NTCD1, U1TD1, U1TD3, U1TDX, U1TS1, U1TVX, UDF, UDFCX, UDLSX, UE3, ULDD1, ULDD3, ULDDX, ULDS1, ULDVX, 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, NTCD1, U1TD1, U1TD3, U1TDX, U1TS1, U1TVX, UDF, UDFCX, UDLSX, UE3, ULDD1, ULDD3, ULDDX, ULDS1, ULDVX, 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	URESL	
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	URESL	
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=URESL)	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=URESL)	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	URESL	
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=URESL)	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=URESL)	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	URESL	
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	URESL	
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	URESL	
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	URESL	
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	URESL	
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	MVVBT	
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, NTCD1, U1TD1, U1TD3, U1TDX, U1TS1, U1TVX, UDF, UDFCX, UDLSX, UE3, ULDD1, ULDD3, ULDDX, ULDS1, ULDVX, 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, NTCD1, 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, NTCD1	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	URESL	
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	Commingled DS1/DS0 Channel System [DISCONNECT]	XDH1X	MQ1	
13	TN	COMMINGLING	Commingled DS1 Local Loop Zone 1	XDH1X	USLXX	1
13	TN	COMMINGLING	Commingled DS1 Local Loop Zone 1 [DISCONNECT]	XDH1X	USLXX	1
13	TN	COMMINGLING	Commingled DS1 Local Loop Zone 2	XDH1X	USLXX	2
13	TN	COMMINGLING	Commingled DS1 Local Loop Zone 2 [DISCONNECT]	XDH1X	USLXX	2
13	TN	COMMINGLING	Commingled DS1 Local Loop Zone 3	XDH1X	USLXX	3
13	TN	COMMINGLING	Commingled DS1 Local Loop Zone 3 [DISCONNECT]	XDH1X	USLXX	3
13	TN	COMMINGLING	Commingled DS3 Local Loop	HFQC6	UE3PX	
13	TN	COMMINGLING	Commingled DS3 Local Loop [DISCONNECT]	HFQC6	UE3PX	
13	TN	COMMINGLING	Commingled DS3 Local Loop Mileage	HFQC6	1L5ND	
13	TN	COMMINGLING	Commingled DS3/DS1 Channel System	HFQC6	MQ3	
13	TN	COMMINGLING	Commingled DS3/DS1 Channel System [DISCONNECT]	HFQC6	MQ3	
13	TN	COMMINGLING	Commingled DS3 Interoffice Channel	HFQC6	U1TF3	
13	TN	COMMINGLING	Commingled DS3 Interoffice Channel [DISCONNECT]	HFQC6	U1TF3	
13	TN	COMMINGLING	Commingled DS3 Interoffice Channel Mileage	HFQC6	1L5XX	
13	TN	COMMINGLING	UNE to Commingled Conversion Tracking	XDH1X, HFQC6	CMGUN	
13	TN	COMMINGLING	UNE to Commingled Conversion Tracking [DISCONNECT]	XDH1X, HFQC6	CMGUN	
13	TN	COMMINGLING	SPA to Commingled Conversion Tracking	XDH1X, HFQC6	CMGSP	
13	TN	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	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 (dff't 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)		NRBTV	
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 - ManualDue 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 Charges4-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++	CXCDX	
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 II

Name: eSigned - Daniel Higgins II
(Print or Type)

Title: AVP
(Print or Type)

Date: 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

Signature: eSigned - Kristen E. Shore

Name: eSigned - Kristen E. Shore
(Print or Type)

Title: AVP- Regulatory
(Print or Type)

Date: 12 Dec 2022

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	**MCImetro Access Transmission Services LLC d/b/a Verizon Access Transmission Services**	Interconnection	February 13, 2007
Bellsouth Telecommunications, LLC d/b/a AT&T TENNESSEE	**MCImetro Access Transmission Services LLC**	Interconnection	January 8, 2007
Southwestern Bell Telephone Company d/b/a AT&T TEXAS	**MCImetro Access Transmission Services LLC**	Interconnection	August 29, 2005
Wisconsin Bell, Inc. d/b/a AT&T WISCONSIN	**MCImetro 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

LWT	IL	AT&T LOCAL WHOLESALE TRANSPORT	DS3 Interoffice Mileage - Per Mile - All Areas (Effective July 12, 2024 - July 11, 2025)	UB5++, EE7NX, UK3++	1YZXA		$ 447.10	NA	NA	per mile
LWT	IL	AT&T LOCAL WHOLESALE TRANSPORT	DS3 Interoffice Mileage - Per Mile - All Areas (Effective July 12, 2022 - July 11, 2023)	UB5++, EE7NX, UK3++	1YZXB		$ 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++	1YZXB		$ 89.42	NA	NA	per mile
LWT	IL	AT&T LOCAL WHOLESALE TRANSPORT	DS3 Interoffice Mileage - Per Mile - All Areas (Effective July 12, 2024 - July 11, 2025)	UB5++, EE7NX, UK3++	1YZXB		$ 447.10	NA	NA	per mile
LWT	IL	AT&T LOCAL WHOLESALE TRANSPORT	DS3 Interoffice Mileage - Per Mile - All Areas (Effective July 12, 2022 - July 11, 2023)	UB5++, EE7NX, UK3++	1YZXC		$ 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++	1YZXC		$ 89.42	NA	NA	per mile
LWT	IL	AT&T LOCAL WHOLESALE TRANSPORT	DS3 Interoffice Mileage - Per Mile - All Areas (Effective July 12, 2024 - July 11, 2025)	UB5++, EE7NX, UK3++	1YZXC		$ 447.10	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++	CZ4WA		$ 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++	CZ4WA		$ 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++	CZ4WA		$ 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++	CZ4WB		$ 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++	CZ4WB		$ 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++	CZ4WB		$ 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++	CZ4WC		$ 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++	CZ4WC		$ 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++	CZ4WC		$ 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++	1YZBA		$ 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++	1YZBA		$ 89.42	NA	NA	per mile
LWT	IL	AT&T LOCAL WHOLESALE TRANSPORT	DS3 Interoffice Mileage - Per Mile - All Areas (Effective July 12, 2024 - July 11, 2025)	UB5++, EE7NX, UK3++	1YZBA		$ 447.10	NA	NA	per mile
LWT	IL	AT&T LOCAL WHOLESALE TRANSPORT	DS3 Interoffice Mileage - Per Mile - All Areas (Effective July 12, 2022 - July 11, 2023)	UB5++, EE7NX, UK3++	1YZBB		$ 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++	1YZBB		$ 89.42	NA	NA	per mile
LWT	IL	AT&T LOCAL WHOLESALE TRANSPORT	DS3 Interoffice Mileage - Per Mile - All Areas (Effective July 12, 2024 - July 11, 2025)	UB5++, EE7NX, UK3++	1YZBB		$ 447.10	NA	NA	per mile
LWT	IL	AT&T LOCAL WHOLESALE TRANSPORT	DS3 Interoffice Mileage - Per Mile - All Areas (Effective July 12, 2022 - July 11, 2023)	UB5++, EE7NX, UK3++	1YZBC		$ 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++	1YZBC		$ 89.42	NA	NA	per mile
LWT	IL	AT&T LOCAL WHOLESALE TRANSPORT	DS3 Interoffice Mileage - Per Mile - All Areas (Effective July 12, 2024 - July 11, 2025)	UB5++, EE7NX, UK3++	1YZBC		$ 447.10	NA	NA	per mile
LWT	IL	AT&T LOCAL WHOLESALE TRANSPORT	Multiplexing DS1 to Voice Grade (Effective July 12, 2022 - July 11, 2023)	UB5++, UK1++	QMVXA		$ 413.01	NA	NA	
LWT	IL	AT&T LOCAL WHOLESALE TRANSPORT	Multiplexing DS1 to Voice Grade (Effective July 12, 2023 - July 11, 2024)	UB5++, UK1++	QMVXA		$ 826.02	NA	NA	
LWT	IL	AT&T LOCAL WHOLESALE TRANSPORT	Multiplexing DS1 to Voice Grade (Effective July 12, 2024 - July 11, 2025)	UB5++, UK1++	QMVXA		$ 4,130.10	NA	NA	
LWT	IL	AT&T LOCAL WHOLESALE TRANSPORT	Multiplexing DS1 to Voice Grade (Effective July 12, 2022 - July 11, 2023)	UB5++, UK1++	QMVXB		$ 413.01	NA	NA	
LWT	IL	AT&T LOCAL WHOLESALE TRANSPORT	Multiplexing DS1 to Voice Grade (Effective July 12, 2023 - July 11, 2024)	UB5++, UK1++	QMVXB		$ 826.02	NA	NA	
LWT	IL	AT&T LOCAL WHOLESALE TRANSPORT	Multiplexing DS1 to Voice Grade (Effective July 12, 2024 - July 11, 2025)	UB5++, UK1++	QMVXB		$ 4,130.10	NA	NA	
LWT	IL	AT&T LOCAL WHOLESALE TRANSPORT	Multiplexing DS1 to Voice Grade (Effective July 12, 2022 - July 11, 2023)	UB5++, UK1++	QMVXC		$ 413.01	NA	NA	
LWT	IL	AT&T LOCAL WHOLESALE TRANSPORT	Multiplexing DS1 to Voice Grade (Effective July 12, 2023 - July 11, 2024)	UB5++, UK1++	QMVXC		$ 826.02	NA	NA	

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	

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	IN	AT&T LOCAL WHOLESALE TRANSPORT	Interoffice Transport DS1 Interoffice Mileage Termination - Per Point of Termination - All Zones (Effective July 12, 2022 - July 11, 2023)	UB5++, EE7MX, UK1++	CZ4X1		$ 16.65	NA	NA	Per Point of Termination
LWT	IN	AT&T LOCAL WHOLESALE TRANSPORT	Interoffice Transport DS1 Interoffice Mileage Termination - Per Point of Termination - All Zones (Effective July 12, 2023 - July 11, 2024)	UB5++, EE7MX, UK1++	CZ4X1		$ 33.30	NA	NA	Per Point of Termination
LWT	IN	AT&T LOCAL WHOLESALE TRANSPORT	Interoffice Transport DS1 Interoffice Mileage Termination - Per Point of Termination - All Zones (Effective July 12, 2024 - July 11, 2025)	UB5++, EE7MX, UK1++	CZ4X1		$ 166.50	NA	NA	Per Point of Termination
LWT	IN	AT&T LOCAL WHOLESALE TRANSPORT	Interoffice Transport DS1 Interoffice Mileage Termination - Per Point of Termination - All Zones (Effective July 12, 2022 - July 11, 2023)	UB5++, EE7MX, UK1++	CZ4X2		$ 16.65	NA	NA	Per Point of Termination
LWT	IN	AT&T LOCAL WHOLESALE TRANSPORT	Interoffice Transport DS1 Interoffice Mileage Termination - Per Point of Termination - All Zones (Effective July 12, 2023 - July 11, 2024)	UB5++, EE7MX, UK1++	CZ4X2		$ 33.30	NA	NA	Per Point of Termination
LWT	IN	AT&T LOCAL WHOLESALE TRANSPORT	Interoffice Transport DS1 Interoffice Mileage Termination - Per Point of Termination - All Zones (Effective July 12, 2024 - July 11, 2025)	UB5++, EE7MX, UK1++	CZ4X2		$ 166.50	NA	NA	Per Point of Termination
LWT	IN	AT&T LOCAL WHOLESALE TRANSPORT	Interoffice Transport DS1 Interoffice Mileage Termination - Per Point of Termination - All Zones (Effective July 12, 2022 - July 11, 2023)	UB5++, EE7MX, UK1++	CZ4X3		$ 16.65	NA	NA	Per Point of Termination
LWT	IN	AT&T LOCAL WHOLESALE TRANSPORT	Interoffice Transport DS1 Interoffice Mileage Termination - Per Point of Termination - All Zones (Effective July 12, 2023 - July 11, 2024)	UB5++, EE7MX, UK1++	CZ4X3		$ 33.30	NA	NA	Per Point of Termination
LWT	IN	AT&T LOCAL WHOLESALE TRANSPORT	Interoffice Transport DS1 Interoffice Mileage Termination - Per Point of Termination - All Zones (Effective July 12, 2024 - July 11, 2025)	UB5++, EE7MX, UK1++	CZ4X3		$ 166.50	NA	NA	Per Point of Termination
LWT	IN	AT&T LOCAL WHOLESALE TRANSPORT	Interoffice Mileage - Per Mile - All Zones (Effective July 12, 2022 - July 11, 2023)	UB5++, EE7MX, UK1++	1YZX1		$ 2.47	NA	NA	per mile
LWT	IN	AT&T LOCAL WHOLESALE TRANSPORT	Interoffice Mileage - Per Mile - All Zones (Effective July 12, 2023 - July 11, 2024)	UB5++, EE7MX, UK1++	1YZX1		$ 4.94	NA	NA	per mile
LWT	IN	AT&T LOCAL WHOLESALE TRANSPORT	Interoffice Mileage - Per Mile - All Zones (Effective July 12, 2024 - July 11, 2025)	UB5++, EE7MX, UK1++	1YZX1		$ 24.70	NA	NA	per mile
LWT	IN	AT&T LOCAL WHOLESALE TRANSPORT	Interoffice Mileage - Per Mile - All Zones (Effective July 12, 2022 - July 11, 2023)	UB5++, EE7MX, UK1++	1YZX2		$ 2.47	NA	NA	per mile
LWT	IN	AT&T LOCAL WHOLESALE TRANSPORT	Interoffice Mileage - Per Mile - All Zones (Effective July 12, 2023 - July 11, 2024)	UB5++, EE7MX, UK1++	1YZX2		$ 4.94	NA	NA	per mile
LWT	IN	AT&T LOCAL WHOLESALE TRANSPORT	Interoffice Mileage - Per Mile - All Zones (Effective July 12, 2024 - July 11, 2025)	UB5++, EE7MX, UK1++	1YZX2		$ 24.70	NA	NA	per mile
LWT	IN	AT&T LOCAL WHOLESALE TRANSPORT	Interoffice Mileage - Per Mile - All Zones (Effective July 12, 2022 - July 11, 2023)	UB5++, EE7MX, UK1++	1YZX3		$ 2.47	NA	NA	per mile
LWT	IN	AT&T LOCAL WHOLESALE TRANSPORT	Interoffice Mileage - Per Mile - All Zones (Effective July 12, 2023 - July 11, 2024)	UB5++, EE7MX, UK1++	1YZX3		$ 4.94	NA	NA	per mile
LWT	IN	AT&T LOCAL WHOLESALE TRANSPORT	Interoffice Mileage - Per Mile - All Zones (Effective July 12, 2024 - July 11, 2025)	UB5++, EE7MX, UK1++	1YZX3		$ 24.70	NA	NA	per mile
LWT	IN	AT&T LOCAL WHOLESALE TRANSPORT	Interoffice Transport DS3 Interoffice Mileage Termination - Per Point of Termination - All Zones (Effective July 12, 2022 - July 11, 2023)	UB5++, EE7NX, UK3++	CZ4W1		$ 160.18	NA	NA	Per Point of Termination
LWT	IN	AT&T LOCAL WHOLESALE TRANSPORT	Interoffice Transport DS3 Interoffice Mileage Termination - Per Point of Termination - All Zones (Effective July 12, 2023 - July 11, 2024)	UB5++, EE7NX, UK3++	CZ4W1		$ 320.36	NA	NA	Per Point of Termination
LWT	IN	AT&T LOCAL WHOLESALE TRANSPORT	Interoffice Transport DS3 Interoffice Mileage Termination - Per Point of Termination - All Zones (Effective July 12, 2024 - July 11, 2025)	UB5++, EE7NX, UK3++	CZ4W1		$ 1,601.80	NA	NA	Per Point of Termination
LWT	IN	AT&T LOCAL WHOLESALE TRANSPORT	Interoffice Transport DS3 Interoffice Mileage Termination - Per Point of Termination - All Zones (Effective July 12, 2022 - July 11, 2023)	UB5++, EE7NX, UK3++	CZ4W2		$ 160.18	NA	NA	Per Point of Termination
LWT	IN	AT&T LOCAL WHOLESALE TRANSPORT	Interoffice Transport DS3 Interoffice Mileage Termination - Per Point of Termination - All Zones (Effective July 12, 2023 - July 11, 2024)	UB5++, EE7NX, UK3++	CZ4W2		$ 320.36	NA	NA	Per Point of Termination
LWT	IN	AT&T LOCAL WHOLESALE TRANSPORT	Interoffice Transport DS3 Interoffice Mileage Termination - Per Point of Termination - All Zones (Effective July 12, 2024 - July 11, 2025)	UB5++, EE7NX, UK3++	CZ4W2		$ 1,601.80	NA	NA	Per Point of Termination
LWT	IN	AT&T LOCAL WHOLESALE TRANSPORT	Interoffice Transport DS3 Interoffice Mileage Termination - Per Point of Termination - All Zones (Effective July 12, 2022 - July 11, 2023)	UB5++, EE7NX, UK3++	CZ4W3		$ 160.18	NA	NA	Per Point of Termination
LWT	IN	AT&T LOCAL WHOLESALE TRANSPORT	Interoffice Transport DS3 Interoffice Mileage Termination - Per Point of Termination - All Zones (Effective July 12, 2023 - July 11, 2024)	UB5++, EE7NX, UK3++	CZ4W3		$ 320.36	NA	NA	Per Point of Termination
LWT	IN	AT&T LOCAL WHOLESALE TRANSPORT	Interoffice Transport DS3 Interoffice Mileage Termination - Per Point of Termination - All Zones (Effective July 12, 2024 - July 11, 2025)	UB5++, EE7NX, UK3++	CZ4W3		$ 1,601.80	NA	NA	Per Point of Termination
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++	1YZB1		$ 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++	1YZB1		$ 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++	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	$ 778.40	$ 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	$ 668.90	$ 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	$ 611.70	$ 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	$ 702.90	$ 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			

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	OH	AT&T LOCAL WHOLESALE TRANSPORT	Dedicated Transport Interoffice Transport: 'DS1 Interoffice Mileage Termination - Per Point of Termination - All Zones (Effective July 12, 2022 - July 11, 2023)	UB5++, EE7MX, UK1++	CZ4X1		$ 22.18	NA		Per Point of Termination
LWT	OH	AT&T LOCAL WHOLESALE TRANSPORT	Dedicated Transport Interoffice Transport: 'DS1 Interoffice Mileage Termination - Per Point of Termination - All Zones (Effective July 12, 2023 - July 11, 2024)	UB5++, EE7MX, UK1++	CZ4X1		$ 44.36	NA		Per Point of Termination
LWT	OH	AT&T LOCAL WHOLESALE TRANSPORT	Dedicated Transport Interoffice Transport: 'DS1 Interoffice Mileage Termination - Per Point of Termination - All Zones (Effective July 12, 2024 - July 11, 2025)	UB5++, EE7MX, UK1++	CZ4X1		$ 221.80	NA		Per Point of Termination
LWT	OH	AT&T LOCAL WHOLESALE TRANSPORT	Dedicated Transport Interoffice Transport: 'DS1 Interoffice Mileage Termination - Per Point of Termination - All Zones (Effective July 12, 2022 - July 11, 2023)	UB5++, EE7MX, UK1++	CZ4X2		$ 22.18	NA		Per Point of Termination
LWT	OH	AT&T LOCAL WHOLESALE TRANSPORT	Dedicated Transport Interoffice Transport: 'DS1 Interoffice Mileage Termination - Per Point of Termination - All Zones (Effective July 12, 2023 - July 11, 2024)	UB5++, EE7MX, UK1++	CZ4X2		$ 44.36	NA		Per Point of Termination
LWT	OH	AT&T LOCAL WHOLESALE TRANSPORT	Dedicated Transport Interoffice Transport: 'DS1 Interoffice Mileage Termination - Per Point of Termination - All Zones (Effective July 12, 2024 - July 11, 2025)	UB5++, EE7MX, UK1++	CZ4X2		$ 221.80	NA		Per Point of Termination
LWT	OH	AT&T LOCAL WHOLESALE TRANSPORT	Dedicated Transport Interoffice Transport: 'DS1 Interoffice Mileage Termination - Per Point of Termination - All Zones (Effective July 12, 2022 - July 11, 2023)	UB5++, EE7MX, UK1++	CZ4X3		$ 22.18	NA		Per Point of Termination
LWT	OH	AT&T LOCAL WHOLESALE TRANSPORT	Dedicated Transport Interoffice Transport: 'DS1 Interoffice Mileage Termination - Per Point of Termination - All Zones (Effective July 12, 2023 - July 11, 2024)	UB5++, EE7MX, UK1++	CZ4X3		$ 44.36	NA		Per Point of Termination
LWT	OH	AT&T LOCAL WHOLESALE TRANSPORT	Dedicated Transport Interoffice Transport: 'DS1 Interoffice Mileage Termination - Per Point of Termination - All Zones (Effective July 12, 2024 - July 11, 2025)	UB5++, EE7MX, UK1++	CZ4X3		$ 221.80	NA		Per Point of Termination
LWT	OH	AT&T LOCAL WHOLESALE TRANSPORT	Dedicated Transport Interoffice Transport: 'DS1 Interoffice Mileage - Per Mile - All Zones (Effective July 12, 2022 - July 11, 2023)	UB5++, EE7MX, UK1++	1YZX1		$ 2.46	NA		Per Mile
LWT	OH	AT&T LOCAL WHOLESALE TRANSPORT	Dedicated Transport Interoffice Transport: 'DS1 Interoffice Mileage - Per Mile - All Zones (Effective July 12, 2023 - July 11, 2024)	UB5++, EE7MX, UK1++	1YZX1		$ 4.92	NA		Per Mile
LWT	OH	AT&T LOCAL WHOLESALE TRANSPORT	Dedicated Transport Interoffice Transport: 'DS1 Interoffice Mileage - Per Mile - All Zones (Effective July 12, 2024 - July 11, 2025)	UB5++, EE7MX, UK1++	1YZX1		$ 24.60	NA		Per Mile
LWT	OH	AT&T LOCAL WHOLESALE TRANSPORT	Dedicated Transport Interoffice Transport: 'DS1 Interoffice Mileage - Per Mile - All Zones (Effective July 12, 2022 - July 11, 2023)	UB5++, EE7MX, UK1++	1YZX2		$ 2.46	NA		Per Mile
LWT	OH	AT&T LOCAL WHOLESALE TRANSPORT	Dedicated Transport Interoffice Transport: 'DS1 Interoffice Mileage - Per Mile - All Zones (Effective July 12, 2023 - July 11, 2024)	UB5++, EE7MX, UK1++	1YZX2		$ 4.92	NA		Per Mile
LWT	OH	AT&T LOCAL WHOLESALE TRANSPORT	Dedicated Transport Interoffice Transport: 'DS1 Interoffice Mileage - Per Mile - All Zones (Effective July 12, 2024 - July 11, 2025)	UB5++, EE7MX, UK1++	1YZX2		$ 24.60	NA		Per Mile
LWT	OH	AT&T LOCAL WHOLESALE TRANSPORT	Dedicated Transport Interoffice Transport: 'DS1 Interoffice Mileage - Per Mile - All Zones (Effective July 12, 2022 - July 11, 2023)	UB5++, EE7MX, UK1++	1YZX3		$ 2.46	NA		Per Mile
LWT	OH	AT&T LOCAL WHOLESALE TRANSPORT	Dedicated Transport Interoffice Transport: 'DS1 Interoffice Mileage - Per Mile - All Zones (Effective July 12, 2023 - July 11, 2024)	UB5++, EE7MX, UK1++	1YZX3		$ 4.92	NA		Per Mile
LWT	OH	AT&T LOCAL WHOLESALE TRANSPORT	Dedicated Transport Interoffice Transport: 'DS1 Interoffice Mileage - Per Mile - All Zones (Effective July 12, 2024 - July 11, 2025)	UB5++, EE7MX, UK1++	1YZX3		$ 24.60	NA		Per Mile
LWT	OH	AT&T LOCAL WHOLESALE TRANSPORT	Dedicated Transport Interoffice Transport: 'DS3 Interoffice Mileage Termination - Per Point of Termination - All Zones (Effective July 12, 2022 - July 11, 2023)	UB5++, EE7NX, UK3++	CZ4W1		$ 191.62	NA		Per Point of Termination
LWT	OH	AT&T LOCAL WHOLESALE TRANSPORT	Dedicated Transport Interoffice Transport: 'DS3 Interoffice Mileage Termination - Per Point of Termination - All Zones (Effective July 12, 2023 - July 11, 2024)	UB5++, EE7NX, UK3++	CZ4W1		$ 383.24	NA		Per Point of Termination
LWT	OH	AT&T LOCAL WHOLESALE TRANSPORT	Dedicated Transport Interoffice Transport: 'DS3 Interoffice Mileage Termination - Per Point of Termination - All Zones (Effective July 12, 2024 - July 11, 2025)	UB5++, EE7NX, UK3++	CZ4W1		$ 1,916.20	NA		Per Point of Termination
LWT	OH	AT&T LOCAL WHOLESALE TRANSPORT	Dedicated Transport Interoffice Transport: 'DS3 Interoffice Mileage Termination - Per Point of Termination - All Zones (Effective July 12, 2022 - July 11, 2023)	UB5++, EE7NX, UK3++	CZ4W2		$ 191.62	NA		Per Point of Termination
LWT	OH	AT&T LOCAL WHOLESALE TRANSPORT	Dedicated Transport Interoffice Transport: 'DS3 Interoffice Mileage Termination - Per Point of Termination - All Zones (Effective July 12, 2023 - July 11, 2024)	UB5++, EE7NX, UK3++	CZ4W2		$ 383.24	NA		Per Point of Termination
LWT	OH	AT&T LOCAL WHOLESALE TRANSPORT	Dedicated Transport Interoffice Transport: 'DS3 Interoffice Mileage Termination - Per Point of Termination - All Zones (Effective July 12, 2024 - July 11, 2025)	UB5++, EE7NX, UK3++	CZ4W2		$ 1,916.20	NA		Per Point of Termination
LWT	OH	AT&T LOCAL WHOLESALE TRANSPORT	Dedicated Transport Interoffice Transport: 'DS3 Interoffice Mileage Termination - Per Point of Termination - All Zones (Effective July 12, 2022 - July 11, 2023)	UB5++, EE7NX, UK3++	CZ4W3		$ 191.62	NA		Per Point of Termination
LWT	OH	AT&T LOCAL WHOLESALE TRANSPORT	Dedicated Transport Interoffice Transport: 'DS3 Interoffice Mileage Termination - Per Point of Termination - All Zones (Effective July 12, 2023 - July 11, 2024)	UB5++, EE7NX, UK3++	CZ4W3		$ 383.24	NA		Per Point of Termination
LWT	OH	AT&T LOCAL WHOLESALE TRANSPORT	Dedicated Transport Interoffice Transport: 'DS3 Interoffice Mileage Termination - Per Point of Termination - All Zones (Effective July 12, 2024 - July 11, 2025)	UB5++, EE7NX, UK3++	CZ4W3		$ 1,916.20	NA		Per Point of Termination
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++	1YZB1		$ 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++	1YZB1		$ 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++	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	

Exhibit A – DS1 DS3 Local Wholesale Transport

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	1L5XX		$ 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	1L5XX		$ 1.06			
LWT	TN	AT&T LOCAL WHOLESALE TRANSPORT	Stand Alone - Interoffice Channel - DS1 - per mile (Effective July 12, 2024 - July 11, 2025)	U1TD1	1L5XX		$ 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	1L5XX		$ 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	1L5XX		$ 7.02			
LWT	TN	AT&T LOCAL WHOLESALE TRANSPORT	Stand Alone - Interoffice Channel - DS3 - per mile (Effective July 12, 2024 - July 11, 2025)	U1TD3	1L5XX		$ 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)		UCXJX		$ 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)		UCXJX		$ 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)		UCXJX		$ 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	

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	WI	AT&T LOCAL WHOLESALE TRANSPORT	Dedicated Transport Interoffice Transport: DS1 Interoffice Mileage Termination - Per Point of Termination - All Zones (Effective July 12, 2022 - July 11, 2023)	UB5++, EE7MX, UK1++	CZ4X1		$ 27.73			Per Pointof Termination - All Zones
LWT	WI	AT&T LOCAL WHOLESALE TRANSPORT	Dedicated Transport Interoffice Transport: DS1 Interoffice Mileage Termination - Per Point of Termination - All Zones (Effective July 12, 2023 - July 11, 2024)	UB5++, EE7MX, UK1++	CZ4X1		$ 55.46			Per Pointof Termination - All Zones
LWT	WI	AT&T LOCAL WHOLESALE TRANSPORT	Dedicated Transport Interoffice Transport: DS1 Interoffice Mileage Termination - Per Point of Termination - All Zones (Effective July 12, 2024 - July 11, 2025)	UB5++, EE7MX, UK1++	CZ4X1		$ 277.30			Per Pointof Termination - All Zones
LWT	WI	AT&T LOCAL WHOLESALE TRANSPORT	Dedicated Transport Interoffice Transport: DS1 Interoffice Mileage Termination - Per Point of Termination - All Zones (Effective July 12, 2022 - July 11, 2023)	UB5++, EE7MX, UK1++	CZ4X2		$ 27.73			Per Pointof Termination - All Zones
LWT	WI	AT&T LOCAL WHOLESALE TRANSPORT	Dedicated Transport Interoffice Transport: DS1 Interoffice Mileage Termination - Per Point of Termination - All Zones (Effective July 12, 2023 - July 11, 2024)	UB5++, EE7MX, UK1++	CZ4X2		$ 55.46			Per Pointof Termination - All Zones
LWT	WI	AT&T LOCAL WHOLESALE TRANSPORT	Dedicated Transport Interoffice Transport: DS1 Interoffice Mileage Termination - Per Point of Termination - All Zones (Effective July 12, 2024 - July 11, 2025)	UB5++, EE7MX, UK1++	CZ4X2		$ 277.30			Per Pointof Termination - All Zones
LWT	WI	AT&T LOCAL WHOLESALE TRANSPORT	Dedicated Transport Interoffice Transport: DS1 Interoffice Mileage Termination - Per Point of Termination - All Zones (Effective July 12, 2022 - July 11, 2023)	UB5++, EE7MX, UK1++	CZ4X3		$ 27.73			Per Pointof Termination - All Zones
LWT	WI	AT&T LOCAL WHOLESALE TRANSPORT	Dedicated Transport Interoffice Transport: DS1 Interoffice Mileage Termination - Per Point of Termination - All Zones (Effective July 12, 2023 - July 11, 2024)	UB5++, EE7MX, UK1++	CZ4X3		$ 55.46			Per Pointof Termination - All Zones
LWT	WI	AT&T LOCAL WHOLESALE TRANSPORT	Dedicated Transport Interoffice Transport: DS1 Interoffice Mileage Termination - Per Point of Termination - All Zones (Effective July 12, 2024 - July 11, 2025)	UB5++, EE7MX, UK1++	CZ4X3		$ 277.30			Per Pointof Termination - All Zones
LWT	WI	AT&T LOCAL WHOLESALE TRANSPORT	Dedicated Transport Interoffice Transport: DS1 Interoffice Mileage - Per Mile - All Zones (Effective July 12, 2022 - July 11, 2023)	UB5++, EE7MX, UK1++	1YZX1		$ 3.28			Per Mile
LWT	WI	AT&T LOCAL WHOLESALE TRANSPORT	Dedicated Transport Interoffice Transport: DS1 Interoffice Mileage - Per Mile - All Zones (Effective July 12, 2023 - July 11, 2024)	UB5++, EE7MX, UK1++	1YZX1		$ 6.56			Per Mile
LWT	WI	AT&T LOCAL WHOLESALE TRANSPORT	Dedicated Transport Interoffice Transport: DS1 Interoffice Mileage - Per Mile - All Zones (Effective July 12, 2024 - July 11, 2025)	UB5++, EE7MX, UK1++	1YZX1		$ 32.80			Per Mile
LWT	WI	AT&T LOCAL WHOLESALE TRANSPORT	Dedicated Transport Interoffice Transport: DS1 Interoffice Mileage - Per Mile - All Zones (Effective July 12, 2022 - July 11, 2023)	UB5++, EE7MX, UK1++	1YZX2		$ 3.28			Per Mile
LWT	WI	AT&T LOCAL WHOLESALE TRANSPORT	Dedicated Transport Interoffice Transport: DS1 Interoffice Mileage - Per Mile - All Zones (Effective July 12, 2023 - July 11, 2024)	UB5++, EE7MX, UK1++	1YZX2		$ 6.56			Per Mile
LWT	WI	AT&T LOCAL WHOLESALE TRANSPORT	Dedicated Transport Interoffice Transport: DS1 Interoffice Mileage - Per Mile - All Zones (Effective July 12, 2024 - July 11, 2025)	UB5++, EE7MX, UK1++	1YZX2		$ 32.80			Per Mile
LWT	WI	AT&T LOCAL WHOLESALE TRANSPORT	Dedicated Transport Interoffice Transport: DS1 Interoffice Mileage - Per Mile - All Zones (Effective July 12, 2022 - July 11, 2023)	UB5++, EE7MX, UK1++	1YZX3		$ 3.28			Per Mile
LWT	WI	AT&T LOCAL WHOLESALE TRANSPORT	Dedicated Transport Interoffice Transport: DS1 Interoffice Mileage - Per Mile - All Zones (Effective July 12, 2023 - July 11, 2024)	UB5++, EE7MX, UK1++	1YZX3		$ 6.56			Per Mile
LWT	WI	AT&T LOCAL WHOLESALE TRANSPORT	Dedicated Transport Interoffice Transport: DS1 Interoffice Mileage - Per Mile - All Zones (Effective July 12, 2024 - July 11, 2025)	UB5++, EE7MX, UK1++	1YZX3		$ 32.80			Per Mile
LWT	WI	AT&T LOCAL WHOLESALE TRANSPORT	Dedicated Transport Interoffice Transport: DS3 Interoffice Mileage Termination - Per Point of Termination - All Zones (Effective July 12, 2022 - July 11, 2023)	UB5++, EE7NX, UK3++	CZ4W1		$ 286.99			Per Point of Termination - All Zones
LWT	WI	AT&T LOCAL WHOLESALE TRANSPORT	Dedicated Transport Interoffice Transport: DS3 Interoffice Mileage Termination - Per Point of Termination - All Zones (Effective July 12, 2023 - July 11, 2024)	UB5++, EE7NX, UK3++	CZ4W1		$ 573.98			Per Point of Termination - All Zones
LWT	WI	AT&T LOCAL WHOLESALE TRANSPORT	Dedicated Transport Interoffice Transport: DS3 Interoffice Mileage Termination - Per Point of Termination - All Zones (Effective July 12, 2024 - July 11, 2025)	UB5++, EE7NX, UK3++	CZ4W1		$ 2,869.90			Per Poin tof Termination - All Zones
LWT	WI	AT&T LOCAL WHOLESALE TRANSPORT	Dedicated Transport Interoffice Transport: DS3 Interoffice Mileage Termination - Per Point of Termination - All Zones (Effective July 12, 2022 - July 11, 2023)	UB5++, EE7NX, UK3++	CZ4W2		$ 286.99			Per Point of Termination - All Zones
LWT	WI	AT&T LOCAL WHOLESALE TRANSPORT	Dedicated Transport Interoffice Transport: DS3 Interoffice Mileage Termination - Per Point of Termination - All Zones (Effective July 12, 2023 - July 11, 2024)	UB5++, EE7NX, UK3++	CZ4W2		$ 573.98			Per Point of Termination - All Zones
LWT	WI	AT&T LOCAL WHOLESALE TRANSPORT	Dedicated Transport Interoffice Transport: DS3 Interoffice Mileage Termination - Per Point of Termination - All Zones (Effective July 12, 2024 - July 11, 2025)	UB5++, EE7NX, UK3++	CZ4W2		$ 2,869.90			Per Point of Termination - All Zones
LWT	WI	AT&T LOCAL WHOLESALE TRANSPORT	Dedicated Transport Interoffice Transport: DS3 Interoffice Mileage Termination - Per Point of Termination - All Zones (Effective July 12, 2022 - July 11, 2023)	UB5++, EE7NX, UK3++	CZ4W3		$ 286.99			Per Point of Termination - All Zones
LWT	WI	AT&T LOCAL WHOLESALE TRANSPORT	Dedicated Transport Interoffice Transport: DS3 Interoffice Mileage Termination - Per Point of Termination - All Zones (Effective July 12, 2023 - July 11, 2024)	UB5++, EE7NX, UK3++	CZ4W3		$ 573.98			Per Point of Termination - All Zones
LWT	WI	AT&T LOCAL WHOLESALE TRANSPORT	Dedicated Transport Interoffice Transport: DS3 Interoffice Mileage Termination - Per Point of Termination - All Zones (Effective July 12, 2024 - July 11, 2025)	UB5++, EE7NX, UK3++	CZ4W3		$ 2,869.90			Per Point of Termination - All Zones
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++	1YZB1		$ 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++	1YZB1		$ 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++	1YZB1		$ 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++	1YZB2		$ 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++	1YZB2		$ 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++	1YZB2		$ 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++	1YZB3		$ 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++	1YZB3		$ 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++	1YZB3		$ 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	

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	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	

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	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	

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	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	

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	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+	1L5UB		$ 32.32			
13	NV	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport - DS1 Interoffice Transport - Statewide - Variable (per mile)	CT3++, EE7P+, EE7Q+	1L5UB		$ 1.84			
13	NV	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport - DS3 Interoffice Transport - Statewide - Fixed (per termination)	CT1++, EE7M+	1L5UB		$ 372.70			
13	NV	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport - DS3 Interoffice Transport - Statewide - Variable (per mile)	CT3++, EE7P+, EE7Q+	1L5UB		$ 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			

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	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	1L5XX		$ 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	1L5XX		$ 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		UCXJX		$ 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			