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WHOLESALE AGREEMENT

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BELLSOUTH® / CLEC Agreement

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By and Between
BellSouth Telecommunications, Inc.
And
ACN Communications Services, Inc.

AGREEMENT

This Agreement, which shall become effective thirty (30) days following the date of the last signature of both Parties ("Effective Date"), is entered into by and between ACN Communications Services, Inc., ("ACN") a Michigan corporation on behalf of itself, and BellSouth Telecommunications, Inc., ("BellSouth"), a Georgia corporation, having an office at 675 W. Peachtree Street, Atlanta, Georgia, 30375, on behalf of itself and its successors and assigns.

WHEREAS, the Telecommunications Act of 1996 (the "Act") was signed into law on February 8, 1996; and

WHEREAS, section 252(i) of the Act requires BellSouth to make available any interconnection, service, or network element provided under an agreement approved by the appropriate state regulatory body to any other requesting telecommunications carrier upon the same terms and conditions as those provided in the agreement in its entirety; and

WHEREAS, ACN has requested that BellSouth make available the interconnection agreement in its entirety executed between BellSouth and MCI WorldCom Communications, Inc. ("MCI") dated June 17, 2002 for the state of Alabama.

NOW, THEREFORE, in consideration of the promises and mutual covenants of this Agreement, ACN and BellSouth hereby agree as follows:

1. ACN and BellSouth shall adopt in its entirety, except for those items identified in Paragraphs 2 – 19 following, the MCI Interconnection Agreement dated June 17, 2002 and any and all amendments to said agreement executed and approved by the appropriate state regulatory commission as of the date of the execution of this Agreement. The MCI Interconnection Agreement and all amendments are attached hereto as Exhibit 1 and incorporated herein by this reference. The adoption of this agreement with amendment(s) consists of the following:

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2. The Parties hereby agree to delete Section 9.1.1 of Attachment 4 and replace with Section 9.1.1 as follows:

“For the purpose of compensation for call termination under this Agreement, the traffic exchanged between ACN and BellSouth will be classified as Local Traffic, ISP-bound Traffic, IntraLATA Transit Traffic, or switched access Traffic. The Parties agree that, notwithstanding the classification of traffic under this Agreement, either Party is free to define its own local calling areas for the purposes of providing Telecommunications Services to its own Customers.”

3. The Parties hereby agree to delete Sections 9.4.7 – 9.4.7.9 of Attachment 4 and replace with Sections 9.4.7, 9.4.7.1 and 9.4.7.2 as follows:

9.4.7 ISP-bound Traffic is defined as calls to an information service provider or Internet service provider (“ISP”) that are dialed by using a local dialing pattern (7 or 10 digits) by a calling party in one exchange to an ISP server or modem in either the same exchange or a corresponding Extended Area Service (“EAS”) exchange as defined and specified in Section A3 of BellSouth’s General Subscriber Service tariff. ISP-bound Traffic is not Local Traffic subject to reciprocal compensation, but instead is information access traffic subject to the FCC’s jurisdiction.

9.4.7.1 Notwithstanding the definitions of Local Traffic and ISP-bound traffic above, and pursuant to the FCC’s Order on Remand and Report and Order in CC Docket 99-68 released April 27, 2001 (“ISP Order on Remand”), BellSouth and ACN agree to the rebuttable presumption that all combined circuit switched Local and ISP-bound Traffic delivered to BellSouth or ACN that exceeds a 3:1 ratio of terminating to originating traffic on a statewide basis shall be considered ISP-bound traffic for compensation purposes. BellSouth

and ACN further agree to the rebuttable presumption that all combined circuit switched Local and ISP-bound Traffic delivered to BellSouth or ACN that does not exceed a 3:1 ratio of terminating to originating traffic on a statewide basis shall be considered Local Traffic for compensation purposes.

- 9.4.7.2 Neither Party shall pay compensation to the other Party for per minute of use rate elements associated with the Call Transport and Termination of ISP-bound Traffic.

4. The Parties hereby agree to delete Sections 9.4, 9.4.1, and 9.4.1.1 of Attachment 4 and replace with Sections 9.4 as follows:

“Neither Party shall pay compensation to the other Party for per minute of use rate elements associated with the Call and Termination of Local Traffic.”

5. The rates (Network Elements, Local Interconnection, Collocation, Number Portability, Billing Usage) in Attachment 1, Table 1 are deleted in their entirety, and replaced with rates for Network Elements (Exhibit A), Local Interconnection (Exhibit B), Collocation (Exhibit C), Billing Usage (Exhibit I).
6. Attachment 3, Network Elements and Appendix 1 are replaced in entirety with Attachment 3, Network Elements and Other Services, Exhibit E attached. Attachment 5, Collocation is deleted in its entirety and replaced with Attachment 5, Collocation, Exhibit F attached.
7. Attachment 2, Section 1.4 of the Agreement is hereby deleted in its entirety and replaced with new Attachment 2, Section 1.4, as follows:

BellSouth will post changes to business processes and policies, not requiring an amendment to this Agreement, notices required to be posted to BellSouth’s website, and any other information of general applicability to CLECs.

8. The Parties agree to add to Attachment 2, Local Resale, Exhibits G and H as set forth in Exhibit 2. The Parties also agree to add to Attachment 2, Local Resale, Section 8 – ODUF and Section 9 – EODUF, as follows:

Section 8. Optional Daily Usage File

8.1 The Optional Daily Usage File (“ODUF”) Agreement with terms and conditions is included in this Attachment as Exhibit G, attached hereto and incorporated herein by this reference. Rate for ODUF are as set forth in Table 1 of Attachment 1.

- 8.2 BellSouth will provide ODUF service upon written request to its Account Manager stating a requested activation date.

Section 9. Enhanced Optional Daily Usage File

- 9.1 The Enhanced Optional Daily Usage File ("EODUF") service Agreement with terms and conditions is included in this Attachment as Exhibit H, attached hereto and incorporated herein by this reference. Rates for EODUF are as set forth in Table 1 of Attachment 1.
- 9.2 BellSouth will provide EODUF service upon written request to its Account Manager stating a requested activation date.

- 9. Attachment 6 is deleted in its entirety and replaced with the following:

"Rights-of-Way, Conduits and Pole Attachments

BellSouth will provide nondiscriminatory access to any pole, duct, conduit, or right-of-way owned or controlled by BellSouth pursuant to 47 U.S.C. § 224, as amended by the Act, pursuant to terms and conditions of a license agreement subsequently negotiated with BellSouth's Competitive Structure Provisioning Center."

- 10. The Parties agree Section 2.5.1 of Part A of the General Terms and Conditions is created to read:

- 2.5.1 ACN shall waive its right pursuant to Section 252(i) of the Act to adopt language from any other interconnection agreement filed and approved by any state public service commission that would effectively replace, supersede or conflict with the language to which the parties have agreed as set forth in the Percent Local Facility ("PLF") Factor, Reciprocal Compensation and Transit Traffic Amendment effective September 1, 2003. To the extent that ACN requests adoption of any other such interconnection agreement pursuant to the Section 252(i) of the Act, the Parties shall modify the adopted agreement to delete the language in such agreement pertaining to the language expressly agreed upon in the PLF Factor, Reciprocal Compensation and Transit Traffic Amendment and to incorporate the language set forth in the PLF Factor, Reciprocal Compensation and Transit Traffic Amendment.

- 11. The Parties agree Sections 3.2 and 3.3 of Part A of the General Terms and Conditions shall be deleted in their entirety and replaced with the following:

- 3.2 If, within one hundred and thirty-five (135) days of commencing the negotiation referred to in Section 3.1 above, the Parties are unable to

negotiate new terms, conditions and prices for a Subsequent Agreement, either Party may petition the Commission to establish appropriate terms, conditions and prices for the Subsequent Agreement pursuant to 47 U.S.C. 252.

3.3 If, as of the expiration of this Agreement, a Subsequent Agreement has not been executed by the Parties, this Agreement shall terminate. Upon termination of this Agreement, BellSouth shall continue to offer services to ACN pursuant to the terms, conditions and rates set forth in BellSouth's then current standard interconnection agreement. In the event that BellSouth's standard interconnection agreement becomes effective as between the Parties, the Parties may continue to negotiate a Subsequent Agreement or arbitrate disputed issues to reach a Subsequent Agreement as set forth in Section 3.2 above, and the terms of such Subsequent Agreement shall be effective as of the effective date as stated in the Subsequent Agreement.

12. The Parties agree Section 21.2.3 of Part A of the General Terms and Conditions shall be deleted in its entirety and replaced with the following:

21.2.3 Subject to reasonable security requirements and at the expense of the auditing Party, either Party may audit the books, records and other documents, including but not limited to PIU, PLU, and PLF reports, of the other Party for the purpose of evaluating usage pertaining to transport and termination of local traffic. The Parties shall retain records of call detail for a minimum of nine months from which usage audits, including a PIU and PLU, can be ascertained. Either Party may request an audit for such purpose once each Contract Year. The auditing party shall employ a mutually acceptable independent third party auditor for this purpose. Any such audit shall take place at a time and place agreed on by the Parties no later than thirty (30) calendar days after notice thereof to the Party being audited.

13. The Parties agree Section 21.2.6 of Part A of the General Terms and Conditions is created to read:

21.2.6 Percent Local Facility Each Party shall report to the other on a per state basis a Percent Local Facility (PLF) factor. The application of the PLF will determine the portion of switched dedicated transport to be billed per the local jurisdiction rates. The PLF shall be applied to Multiplexing, Local Channel and Interoffice Channel Switched Dedicated Transport utilized in the provision of local interconnection trunks. Each Party shall update its PLF on the first of January, April, July and October of the year and shall send it to the other Party to be received no later than 30 days after the first of each such month to be

effective the first bill period the following month, respectively. Requirements associated with PLU and PLF calculation and reporting shall be as set forth in BellSouth's Jurisdictional Factors Reporting Guide, as it is amended from time to time.

14. The Parties agree to delete Sections 60, 111, 123, 128 and 129 of Part B of the General Terms and Conditions and in lieu thereof shall substitute the following:

60. Left Blank Intentionally

111. "NETWORK ELEMENT PLATFORM" or "UNE-P" means the Combination of a Loop, NID, Local Switching, Shared Transport, databases and signaling (e.g. LIDB) and the vertical features resident in BellSouth's Central Office switch without separately ordering each element or disconnecting and reconnecting any aspect of a Customer's service.

123. Left Blank Intentionally

128. Left Blank Intentionally

129. Left Blank Intentionally

15. The Parties agree to delete Section 2.5.1 of Attachment 1 and in lieu thereof shall substitute the following:

2.5.1 LSRs submitted by means of one of the available electronic interfaces will incur the per LSR nonrecurring OSS electronic ordering charge associated with electronically ordered facilities as specified in Table 1 of this Attachment. Except as specified in this section, LSRs submitted by means other than one of the available electronic interfaces (mail, fax, courier, etc.) will incur a nonrecurring manual ordering charge associated with manually ordered facilities as specified in Table 1 of this Attachment. An individual LSR will be identified for billing purposes by its Purchase Order Number (PON). Each LSR and all its supplements or clarifications issued, regardless of their number, will count as a single LSR for nonrecurring charge billing purposes. Nonrecurring charges will not be refunded for LSRs that are canceled by MCIm. BellSouth may only charge manual non-recurring ordering charges if it does not provide an electronic ordering process for its retail representatives.

16. The Parties agree Attachment 4, Section 9.7.2.1 shall be created to read:

9.7.2.1 The Parties acknowledge that in certain instances it is not technically feasible for BellSouth to provide EMI data for

Transit Traffic, including but not limited to misrouting by the originating carrier and misrouting due to number portability. The Parties acknowledge that misrouting due to number portability is an industry problem that has been recognized, but not resolved, by the Ordering and Billing Forum. BellSouth is developing a solution that will be implemented no later than October 1, 2003. Provided that BellSouth's solution allows call detail information to be recorded and delivered for traffic that has been misrouted due to number portability, BellSouth will provide such records to MCI. Further, BellSouth shall cooperate with MCI to provide information to MCI and otherwise cooperate with MCI to allow MCI to bill any carrier for whom BellSouth transmitted traffic to MCI, and BellSouth shall provide available information to MCI necessary to the resolution of any such billing dispute, or necessary to allow MCI to identify the volume and identity of the third parties originating such traffic.

17. The Parties agree to delete Attachment 8, Business Process Requirements, in its entirety and replace with Attachment 8 reflected as Amendment with Exhibit D attached hereto and incorporated herein by this reference.
18. The Parties shall delete Sections 2 and 3 of Attachment 9 of the Interconnection Agreement and in lieu thereof shall substitute the following:
 2. Left Blank Intentionally
 3. Left Blank Intentionally
19. The Parties agree to delete Section 1.5 of Attachment 1.
20. In the event that ACN consists of two (2) or more separate entities as set forth in the preamble to this Agreement, all such entities shall be jointly and severally liable for the obligations of ACN under this Agreement.
21. The term of this Agreement shall be from the effective date as set forth above and shall expire as set forth in Section 11 above. For the purposes of determining the expiration date of this Agreement pursuant to the 1st paragraph of the General Terms and Conditions of the MCI Interconnection Agreement for Alabama, the effective date shall be June 17, 2002.
22. ACN shall accept and incorporate any amendments to the MCI Interconnection Agreement executed as a result of any effective judicial, regulatory, or legislative action in accordance with Section 2.3 of the General Terms and Conditions of the MCI Interconnection Agreement.

23. Every notice, consent, approval, or other communications required or contemplated by this Agreement shall be in writing and shall be delivered in person or given by postage prepaid mail, address to:

BellSouth Telecommunications, Inc.
BellSouth Local Contract Manager
8th Floor
600 North 19th Street
Birmingham, AL 35203

and

ICS Attorney
Suite 4300
675 W. Peachtree St.
Atlanta, GA 30375

ACN Communications Services, Inc.
Attn: David Stevanovski
32991 Hampton Court
Farmington Hills, Michigan 48334
248-699-3404

or at such other address as the intended recipient previously shall have designated by written notice to the other Party. Where specifically required, notices shall be by certified or registered mail. Unless otherwise provided in this Agreement, notice by mail shall be effective on the date it is officially recorded as delivered by return receipt or equivalent, and in the absence of such record of delivery, it shall be presumed to have been delivered the fifth day, or next business day after the fifth day, after it was deposited in the mails.

IN WITNESS WHEREOF, the Parties have executed this Agreement through their authorized representatives.

BellSouth Telecommunications, Inc.

By: Pat C. Finlen

Name: Patrick C. Finlen

Title: Asst. Director

Date: 12/18/03

ACN Communications Services, Inc.

By: Dave Stevenson

Name: Dave Stevenson

Title: COO

Date: 12/12/03

ACN AL Adoption

Attachment 3

Network Elements and Other Services

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ACCESS TO NETWORK ELEMENTS AND OTHER SERVICES**1 Introduction**

- 1.1 This Attachment sets forth rates, terms and conditions for Network Elements and combinations of Network Elements that BellSouth agrees to offer to ACN in accordance with its obligations under Section 251(c)(3) of the Act. Additionally, this Attachment sets forth the rates, terms and conditions for other facilities and services BellSouth makes available to ACN (Other Services). The rates for each Network Element and combination of Network Elements and Other Services are set forth in Exhibit A of this Attachment. Additionally, the provision of a particular Network Element or Other Service may require ACN to purchase other Network Elements or services. In the event of a conflict between this Attachment and any other section or provision of this Agreement, the provisions of this Attachment shall control.
- 1.2 For purposes of this Agreement, “Network Element” is defined to mean a facility or equipment ACN used in the provision of a qualifying service, as defined by the FCC. ACN may not access a Network Element for the sole purpose of providing non-qualifying services as defined by the FCC. For purposes of this Agreement, combinations of Network Elements shall be referred to as “Combinations.”
- 1.3 BellSouth shall, upon request of ACN, and to the extent technically feasible, provide to ACN access to its Network Elements for the provision of ACN’s qualifying services. If no rate is identified in this Agreement, the rate will be as set forth in the applicable BellSouth tariff or as negotiated by the Parties upon request by either Party.
- 1.4 ACN may purchase and use Network Elements and Other Services from BellSouth in accordance with 47 C.F.R 51.309.
- 1.5 BellSouth shall comply with the requirements as set forth in the technical references within this Attachment 2.
- 1.6 Except to the extent required by the Report and Order on Remand and Further Notice of Proposed Rulemaking (rel. Aug. 21, 2003) (“TRO”), any Network Elements that no longer require unbundling on a national level will no longer be available pursuant to this Agreement.
- 1.7 Upon request, BellSouth shall convert a wholesale service, or group of wholesale services, to the equivalent unbundled Network Element, or combination of elements that is available to ACN under Section 251(c)(3) of the Telecommunications Act of 1996. Nonrecurring switch-as-is rates for conversion of Network Elements are contained in Exhibit A of this Attachment. Conversion of a wholesale service or group of wholesale services shall be considered termination for purposes of any volume and/or term commitments and/or

grandfathered status between ACN and BellSouth. Any change from a wholesale service to a Network Element that requires a physical rearrangement of the Network Element will not be considered a conversion for purposes of this Agreement.

- 1.8 Except to the extent expressly provided otherwise in this Attachment, for elements or combinations of elements that are no longer offered pursuant to, or are not in compliance with, the terms set forth in this Agreement (for example, but not limited to, local channels or non-compliant EELs), ACN will submit orders to rearrange or disconnect those arrangements or services within thirty (30) calendar days of the Effective Date of this Amendment. If orders to rearrange or disconnect those arrangements or services are not received by the 31st day after the Effective Date of this Amendment, BellSouth may disconnect those arrangements or services without further notice. Where no re-termination or physical rearrangement of circuits or service is required, ACN will be charged a nonrecurring switch-as-is charge for the individual Network Element(s) as set forth in Exhibit A. For arrangements that require a re-termination or other physical rearrangement of circuits to comply with the terms of this Agreement, nonrecurring charges for the applicable Network Element from Exhibit A of this Attachment will apply. To the extent a Network Element requires re-termination or other physical rearrangement in order to comply with a tariff or separate agreement, the applicable rates, terms and conditions of such tariff or separate agreement shall apply.
- 1.8.1 ACN may utilize Network Elements and Other Services to provide services as long as such services are consistent with industry standards and applicable BellSouth Technical References.
- 1.8.2 Except to the extent expressly provided otherwise in this Attachment, if a Network Element is not readily available but can be made available through routine network modifications, as defined by the FCC, ACN may request BellSouth to perform such routine network modifications. Each request will be handled as a project on an individual case basis. BellSouth will provide a price quote for the request, and upon receipt of payment by ACN, BellSouth shall perform the routine network modifications.
- 1.8.3 Notwithstanding any other provision of this Agreement, BellSouth will not commingle or combine Network Elements or combinations of Network Elements with any service, network element or other offering that it is obligated to make available only pursuant to Section 271 of the Act.
- 1.9 Commingling of Services**
- 1.9.1 Commingling means the connecting, attaching, or otherwise linking of a Network Element, or a Network Element combination, to one or more telecommunications services or facilities that ACN has obtained at wholesale from BellSouth, or the

combining of a Network Element or Network Element combination with one or more such wholesale telecommunications services or facilities.

- 1.9.2 Subject to the limitations set forth elsewhere in this Attachment, BellSouth shall not deny access to a Network Element or a combination of Network Elements on the grounds that one or more of the elements: 1) is connected to, attached to, linked to, or combined with such a facility or service obtained from BellSouth; or 2) shares part of BellSouth's network with access services or inputs for non-qualifying services.
- 1.9.3 BellSouth will not "ratchet" a commingled circuit. Unless otherwise agreed to by the Parties, the Network Element portion of such circuit will be billed at the rates set forth in this Agreement and the remainder of the circuit or service will be billed in accordance with BellSouth's tariffed rates.
- 1.9.4 When multiplexing equipment is attached to a commingled circuit, the multiplexing equipment and Central Office Channel Interfaces will be billed from the same jurisdictional authorization (agreement or tariff) as the higher grade of service.
- 1.10 If ACN reports a trouble on a Network Element or Other Service and no trouble actually exists on the BellSouth portion, BellSouth will charge ACN for any dispatching and testing (both inside and outside the Central Office (CO)) required by BellSouth in order to confirm the working status.
- 1.11 Rates
- 1.11.1 The prices that ACN shall pay to BellSouth for Network Elements and Other Services are set forth in Exhibit A to this Attachment. If ACN purchases a service(s) from a tariff, all terms and conditions and rates as set forth in such tariff shall apply.
- 1.11.2 Rates, terms and conditions for order cancellation charges and Service Date Advancement Charges will apply in accordance with Attachment 6 and are incorporated herein by this reference.
- 1.11.3 If ACN modifies an order (Order Modification Charge (OMC)) after being sent a Firm Order Confirmation (FOC) from BellSouth, any costs incurred by BellSouth to accommodate the modification will be paid by ACN in accordance with FCC No. 1 Tariff, Section 5.
- 1.11.4 A one-month minimum billing period shall apply to all Network Elements and Other Services.

2 Unbundled Loops

2.1 General

- 2.1.1 The local loop Network Element (Loop) is defined as a transmission facility between a distribution frame (or its equivalent) in BellSouth's central office and the Loop demarcation point at an End User's customer premises, including inside wire owned by BellSouth. Facilities that do not terminate at a demarcation point at an End User customer premises, including, by way of example, but not limited to, facilities that terminate to another carrier's switch or premises, a cell site, Mobile Switching Center or base station, do not constitute Loops. The Loop Network Element includes all features, functions, and capabilities of the transmission facilities, including the network interface device, and attached electronics (except those used for the provision of advanced services, such as Digital Subscriber Line Access Multiplexers), optronics and intermediate devices (including repeaters and load coils) used to establish the transmission path to the End User's customer premises. ACN shall purchase the entire bandwidth of the Loop and, except as required herein or as otherwise agreed to by the Parties, BellSouth shall not subdivide the frequency of the Loop.
- 2.1.1.1 The Loop does not include any packet switched features, functions or capabilities.
- 2.1.1.2 In new build (Greenfield) areas, where BellSouth has only deployed Fiber To The Home (FTTH) facilities, BellSouth is under no obligation to provide Loops.
- 2.1.1.3 In FTTH overbuild situations where BellSouth also has copper Loops, BellSouth will make those copper Loops available to ACN on an unbundled basis, until such time as BellSouth chooses to retire those copper Loops using the FCC's network disclosure requirements. In these cases, BellSouth will offer a 64kbps second voice grade channel over its FTTH facilities.
- 2.1.1.4 Furthermore, in FTTH overbuild areas, BellSouth is not obligated to ensure that copper Loops in that area are capable of transmitting signals prior to receiving a request for access to such Loops by ACN. If a request is received by BellSouth for a copper Loop, BellSouth will restore the copper Loop to serviceable condition if technically feasible. In these instances of Loop orders in an FTTH overbuild area, BellSouth's standard Loop provisioning interval will not apply, and the order will be handled on a project basis by which the Parties will negotiate the applicable provisioning interval.
- 2.1.1.5 For hybrid loops, where ACN seeks access to a hybrid loop for the provision of broadband services, BellSouth shall provide ACN with nondiscriminatory access to the time division multiplexing features, functions and capabilities of that hybrid loop, including DS1 or DS3, on an unbundled basis to establish a complete transmission path between BellSouth's central office and an End User's customer premises.
- 2.1.1.6 ACN may not purchase Loops or convert Special Access circuits to Loops if such Loops will be used to provide wireless telecommunications services.

- 2.1.2 The provisioning of a Loop to ACN's collocation space will require cross office cabling and cross connections within the central office to connect the Loop to a local switch or to other transmission equipment. These cross connects are separate components that are not considered a part of the Loop, and thus, have a separate charge.
- 2.1.3 Where facilities are available, BellSouth will install Loops in compliance with BellSouth's Products and Services Interval Guide available at the website at <http://www.interconnection.bellsouth.com>. For orders of fifteen (15) or more Loops, the installation and any applicable Order Coordination as described below will be handled on a project basis, and the intervals will be set by the BellSouth project manager for that order. When Loops require a Service Inquiry (SI) prior to issuing the order to determine if facilities are available, the interval for the SI process is separate from the installation interval.
- 2.1.4 The Loop shall be provided to ACN in accordance with BellSouth's TR73600 Unbundled Local Loop Technical Specification and applicable industry standard technical references.
- 2.1.5 BellSouth will only provision, maintain and repair the Loops to the standards that are consistent with the type of Loop ordered.
- 2.1.5.1 When a BellSouth technician is required to be dispatched to provision the Loop, BellSouth will tag the Loop with the Circuit ID number and the name of the ordering CLEC. When a dispatch is not required to provision the Loop, BellSouth will tag the Loop on the next required visit to the End User's location. If ACN wants to ensure the Loop is tagged during the provisioning process for Loops that may not require a dispatch (e.g. UVL-SL1, UVL-SL2, and UCL-ND), ACN may order Loop Tagging. Rates for Loop Tagging are as set forth in Exhibit A of this Attachment.
- 2.1.5.2 In the event BellSouth must dispatch to the end-user's location more than once due to incorrect or incomplete information provided by ACN (e.g., incomplete address, incorrect contact name/number, etc.), BellSouth will bill ACN for each additional dispatch required to provision the circuit due to the incorrect/incomplete information provided. BellSouth will assess the applicable Trouble Determination rates from BellSouth's FCC or state tariffs.
- 2.1.6 **Loop Testing/Trouble Reporting**
- 2.1.6.1 ACN will be responsible for testing and isolating troubles on the Loops. ACN must test and isolate trouble to the BellSouth portion of a designed/non-designed unbundled Loop (e.g., UVL-SL2, UCL-D, UVL-SL1, UCL-ND, etc.) before reporting repair to the UNE Customer Wholesale Interconnection Network Services (CWINS) Center. Upon request from BellSouth at the time of the trouble

report, ACN will be required to provide the results of the ACN test which indicate a problem on the BellSouth provided Loop.

2.1.6.2 Once ACN has isolated a trouble to the BellSouth provided Loop, and had issued a trouble report to BellSouth on the Loop, BellSouth will take the actions necessary to repair the Loop if a trouble actually exists. BellSouth will repair these Loops in the same time frames that BellSouth repairs similarly situated Loops to its End Users.

2.1.6.3 If ACN reports a trouble on a non-designed or designed Loop and no trouble actually exists, BellSouth will charge ACN for any dispatching and testing (both inside and outside the CO) required by BellSouth in order to confirm the Loop's working status.

2.1.6.4 In the event BellSouth must dispatch to the end-user's location more than once due to incorrect or incomplete information provided by ACN (e.g., incomplete address, incorrect contact name/number, etc.), BellSouth will bill ACN for each additional dispatch required to repair the circuit due to the incorrect/incomplete information provided. BellSouth will assess the applicable Trouble Determination rates from BellSouth's FCC or state tariffs.

2.1.7 **Order Coordination and Order Coordination-Time Specific**

2.1.7.1 "Order Coordination" (OC) allows BellSouth and ACN to coordinate the installation of the SL2 Loops, Unbundled Digital Loops (UDL) and other Loops where OC may be purchased as an option, to ACN's facilities to limit End User service outage. OC is available when the Loop is provisioned over an existing circuit that is currently providing service to the End User. OC for physical conversions will be scheduled at BellSouth's discretion during normal working hours on the committed due date. OC shall be provided in accordance with the chart set forth below.

2.1.7.2 "Order Coordination – Time Specific" (OC-TS) allows ACN to order a specific time for OC to take place. BellSouth will make every effort to accommodate ACN's specific conversion time request. However, BellSouth reserves the right to negotiate with ACN a conversion time based on load and appointment control when necessary. This OC-TS is a chargeable option for all Loops except Unbundled Copper Loops (UCL) and is billed in addition to the OC charge. ACN may specify a time between 9:00 a.m. and 4:00 p.m. (location time) Monday through Friday (excluding holidays). If ACN specifies a time outside this window, or selects a time or quantity of Loops that requires BellSouth technicians to work outside normal work hours, overtime charges will apply in addition to the OC and OC-TS charges. Overtime charges will be applied based on the amount of overtime worked and in accordance with the rates established in the Access Services Tariff, Section E13.2, for each state. The OC-TS charges for an order

due on the same day at the same location will be applied on a per Local Service Request (LSR) basis.

2.1.8 **CLEC to CLEC Conversions for Unbundled Loops**

2.1.8.1 The CLEC to CLEC conversion process for unbundled Loops may be used by ACN when converting an existing unbundled Loop from another CLEC for the same End User. The Loop type being converted must be included in ACN's Interconnection Agreement before requesting a conversion.

2.1.8.2 To utilize the CLEC to CLEC conversion process, the Loop being converted must be the same Loop type with no requested changes to the Loop, must serve the same End User location from the same serving wire center, and must not require an outside dispatch to provision.

2.1.8.3 The Loops converted to ACN pursuant to the CLEC to CLEC conversion process shall be provisioned in the same manner and with the same functionality and options as described in this Attachment for the specific Loop type.

2.1.8.4

	Order Coordination (OC)	Order Coordination – Time Specific (OC-TS)	Test Points	DLR	Charge for Dispatch and Testing if No Trouble Found
SL-1 (Non-Designed)	Chargeable Option	Chargeable Option	Not available	Chargeable Option – ordered as Engineering Information Document	Charged for Dispatch inside and outside Central Office
UCL-ND (Non-Designed)	Chargeable Option	Not Available	Not Available	Chargeable Option – ordered as Engineering Information Document	Charged for Dispatch inside and outside Central Office
Unbundled Voice Loops - SL-2 (including 2- and 4-wire UVL) (Designed)	Included	Chargeable Option	Included	Included	Charged for Dispatch outside Central Office
Unbundled Digital Loop (Designed)	Included	Chargeable Option (except on Universal Digital Channel)	Included (where appropriate)	Included	Charged for Dispatch outside Central Office
Unbundled Copper Loop (Designed)	Chargeable in accordance with Section 2	Not available	Included	Included	Charged for Dispatch outside Central Office
For UVL-SL1 and UCLs, ACN must order and will be billed for both OC and OC-TS if requesting OC-TS.					

2.1.9 **Bulk Migration**

2.1.9.1 If ACN requests to migrate twenty-five (25) or more UNE-Port/Loop Combination (UNE-P) customers to UNE-Loop (UNE-L) in the same Central Office on the same due date, ACN must use the Bulk Migration process, which is described in the BellSouth CLEC Information Package, “UNE-Port/Loop Combination (UNE-P) to UNE-Loop (UNE-L) Bulk Migration.” This CLEC Information package, incorporated herein by reference as it may be amended from time to time, is located at

www.interconnection.bellsouth.com/guides/html/unes.html. The rates for the Bulk Migration process shall be the nonrecurring rates associated with the Loop type being requested on the Bulk Migration, as set forth in Exhibit A of this Attachment. Additionally, OSS charges will also apply per LSR generated per customer account as provided for in the Bulk Migration Request. The migration of loops from Integrated Digital Loop Carrier (IDLC) will be done pursuant to Section 2.6 of this Attachment.

2.1.10 **Ordering Guidelines and Processes**

2.1.10.1 For information regarding Ordering Guidelines and Processes for various UNEs, ACN should refer to the “Guides” section of the BellSouth Interconnection website, which is incorporated herein by reference, as amended from time to time. The website address is: <http://www.interconnection.bellsouth.com/>

2.1.10.2 Additional information may also be found in the individual CLEC Information Packages, as amended from time to time and which are incorporated herein by reference, located at the “CLEC UNE Products” website at the following address: <http://www.interconnection.bellsouth.com/guides/html/unes.html>

2.2 **Unbundled Voice Loops (UVLs)**

2.2.1 BellSouth shall make available the following UVLs:

2.2.1.1 2-wire Analog Voice Grade Loop – SL1 (Non-Designed)

2.2.1.2 2-wire Analog Voice Grade Loop – SL2 (Designed)

2.2.1.3 4-wire Analog Voice Grade Loop (Designed)

2.2.2 Unbundled Voice Loops (UVL) may be provisioned using any type of facility that will support voice grade services. This may include loaded copper, non-loaded copper, digital loop carrier systems, fiber/copper combination (hybrid loop) or a combination of any of these facilities. BellSouth, in the normal course of maintaining, repairing, and configuring its network, may also change the facilities that are used to provide any given voice grade circuit. This change may occur at any time. In these situations, BellSouth will only ensure that the newly provided facility will support voice grade services. BellSouth will not guarantee that ACN will be able to continue to provide any advanced services over the new facility. BellSouth will offer UVL in two different service levels - Service Level One (SL1) and Service Level Two (SL2).

2.2.3 Unbundled Voice Loop - SL1 (UVL-SL1) Loops are 2-wire Loop start circuits, will be non-designed, and will not have remote access test points. OC will be offered as a chargeable option on SL1 Loops when reuse of existing facilities has been requested by ACN. ACN may also order OC-TS when a specified

conversion time is requested. OC-TS is a chargeable option for any coordinated order and is billed in addition to the OC charge. An Engineering Information (EI) document can be ordered as a chargeable option. The EI document provides Loop Make-Up information which is similar to the information normally provided in a Design Layout Record (DLR). Upon issuance of a non-coordinated order in the service order system, SL1 Loops will be activated on the due date in the same manner and time frames that BellSouth normally activates POTS-type Loops for its End Users.

2.2.4 For an additional charge BellSouth will make available Loop Testing so that ACN may request further testing on new UVL-SL1 Loops. Rates for Loop Testing are as set forth in Exhibit A of this Attachment.

2.2.5 Unbundled Voice Loop – SL2 (UVL-SL2) Loops may be 2-wire or 4-wire circuits, shall have remote access test points, and will be designed with a DLR provided to ACN. SL2 circuits can be provisioned with loop start, ground start or reverse battery signaling. OC is provided as a standard feature on SL2 Loops. The OC feature will allow ACN to coordinate the installation of the Loop with the disconnect of an existing customer's service and/or number portability service. In these cases, BellSouth will perform the order conversion with standard order coordination at its discretion during normal work hours.

2.3 **Unbundled Digital Loops**

2.3.1 BellSouth will offer Unbundled Digital Loops (UDL). UDLs are service specific, will be designed, will be provisioned with test points (where appropriate), and will come standard with OC and a DLR. The various UDLs are intended to support a specific digital transmission scheme or service.

2.3.2 BellSouth shall make available the following UDLs, subject to restrictions set forth herein:

2.3.2.1 2-wire Unbundled ISDN Digital Loop

2.3.2.2 2-wire Unbundled ADSL Compatible Loop

2.3.2.3 2-wire Unbundled HDSL Compatible Loop

2.3.2.4 4-wire Unbundled HDSL Compatible Loop

2.3.2.5 4-wire Unbundled DS1 Digital Loop

2.3.2.6 4-wire Unbundled Digital Loop/DS0 – 64 kbps, 56 kbps and below

2.3.2.7 DS3 Loop

2.3.2.8 STS-1 Loop

- 2.3.3 2-Wire Unbundled ISDN Digital Loops will be provisioned according to industry standards for 2-Wire Basic Rate ISDN services and will come standard with a test point, OC, and a DLR. ACN will be responsible for providing BellSouth with a Service Profile Identifier (SPID) associated with a particular ISDN-capable Loop and End User. With the SPID, BellSouth will be able to adequately test the circuit and ensure that it properly supports ISDN service.
- 2.3.3.1 Upon the Effective Date of this Amendment, Universal Digital Channel (UDC) elements will no longer be offered by BellSouth and no new orders for UDC will be accepted. Any existing UDCs that were provisioned prior to the Effective Date of this Amendment will be grandfathered at the rates set forth in the Parties' interconnection agreement that was in effect immediately prior to the Effective Date of this Amendment. Existing UDCs that were provisioned prior to the Effective Date of this Amendment may remain connected, maintained and repaired according to BellSouth's TR73600 until such time as they are disconnected by ACN or BellSouth provides ninety (90) calendar days notice that such UDC must be terminated. ACN may order an ISDN loop, if available, to provide the same functionality as the previously offered UDC product.
- 2.3.4 2-Wire ADSL-Compatible Loop. This is a designed Loop that is provisioned according to Revised Resistance Design (RRD) criteria and may be up to 18,000 feet long and may have up to 6,000 feet of bridged tap (inclusive of Loop length). The Loop is a 2-wire circuit and will come standard with a test point, OC, and a DLR.
- 2.3.5 2-Wire or 4-Wire HDSL-Compatible Loop. This is a designed Loop that meets Carrier Serving Area (CSA) specifications, may be up to 12,000 feet long and may have up to 2,500 feet of bridged tap (inclusive of Loop length). It may be a 2-wire or 4-wire circuit and will come standard with a test point, OC, and a DLR.
- 2.3.6 4-Wire Unbundled DS1 Digital Loop. This is a designed 4-wire Loop that is provisioned according to industry standards for DS1 or Primary Rate ISDN services and will come standard with a test point, OC, and a DLR. A DS1 Loop may be provisioned over a variety of loop transmission technologies including copper, HDSL-based technology or fiber optic transport systems. It will include a 4-Wire DS1 Network Interface at the End User's location.
- 2.3.7 4-Wire Unbundled Digital/DS0 Loop. These are designed 4-wire Loops that may be configured as 64kbps, 56kbps, 19kbps, and other sub-rate speeds associated with digital data services and will come standard with a test point, OC, and a DLR.
- 2.3.8 DS3 Loop. DS3 Loop is a two-point digital transmission path which provides for simultaneous two-way transmission of serial, bipolar, return-to-zero isochronous digital electrical signals at a transmission rate of 44.736 megabits per second (Mbps) that is dedicated to the use of the ordering CLEC in its provisioning of local exchange and associated exchange access services. It may provide transport

for twenty-eight (28) DS1 channels, each of which provides the digital equivalent of twenty-four (24) analog voice grade channels. The interface to unbundled dedicated DS3 transport is a metallic-based electrical interface.

- 2.3.9 STS-1 Loop. STS-1 Loop is a high-capacity digital transmission path with SONET VT1.5 mapping that is dedicated for the use of the ordering customer for the purpose of provisioning local exchange and associated exchange access services. It is a two-point digital transmission path which provides for simultaneous two-way transmission of serial bipolar return-to-zero synchronous digital electrical signals at a transmission rate of 51.84 megabits per second (Mbps). It may provide transport for twenty-eight (28) DS1 channels, each of which provides the digital equivalent of twenty-four (24) analog voice grade channels. The interface to unbundled dedicated STS-1 transport is a metallic-based electrical interface.
- 2.3.10 Both DS3 Loop and STS-1 Loop require a Service Inquiry (SI) in order to ascertain availability.
- 2.3.11 If DS3/STS-1 Loops are not readily available but can be made available through routine network modifications, as defined by the FCC, ACN may request BellSouth to perform such routine network modifications. The request may not be used to place fiber. Each request will be handled as a project on an individual case basis. BellSouth will provide a price quote for the request, and upon receipt of payment by ACN, BellSouth shall perform the routine network modifications.
- 2.3.12 DS3 services come with a test point and a DLR. Mileage is airline miles, rounded up and a minimum of one mile applies. BellSouth TR 73501 LightGate[®] Service Interface and Performance Specifications, Issue D, June 1995 applies to DS3 services.
- 2.3.13 ACN may access a total capacity of two (2) DS3s per End User location at the Network Element rates set forth in Exhibit A.

2.4 **Unbundled Copper Loops (UCL)**

- 2.4.1 BellSouth shall make available Unbundled Copper Loops (UCLs). The UCL is a copper twisted pair Loop that is unencumbered by any intervening equipment (e.g., filters, load coils, range extenders, digital loop carrier, or repeaters) and is not intended to support any particular telecommunications service. The UCL will be offered in two types – Designed and Non-Designed.

2.4.2 **Unbundled Copper Loop – Designed (UCL-D)**

- 2.4.2.1 The UCL-D will be provisioned as a dry copper twisted pair (2- or 4-wire) Loop that is unencumbered by any intervening equipment (e.g., filters, load coils, range extenders, digital loop carrier, or repeaters).
- 2.4.2.2 A UCL-D will be 18,000 feet or less in length and is provisioned according to Resistance Design parameters, may have up to 6,000 feet of bridged tap and will have up to 1300 Ohms of resistance.
- 2.4.2.3 The UCL-D is a designed circuit, is provisioned with a test point, and comes standard with a DLR. OC is a chargeable option for a UCL-D; however, OC is always required on UCLs where a reuse of existing facilities has been requested by ACN.
- 2.4.2.4 These Loops are not intended to support any particular services and may be utilized by ACN to provide a wide-range of telecommunications services as long as those services do not adversely affect BellSouth's network. This facility will include a Network Interface Device (NID) at the customer's location for the purpose of connecting the Loop to the customer's inside wire.
- 2.4.2.5 Upon the Effective Date of this Amendment, Unbundled Copper Loop – Long (UCL-L) elements will no longer be offered by BellSouth and no new orders for UCL-L will be accepted. Any existing UCL-Ls that were provisioned prior to the Effective Date of this Amendment will be grandfathered at the rates set forth in the Parties' interconnection agreement that was in effect immediately prior to the Effective Date of this Amendment. Existing UCL-Ls that were provisioned prior to the Effective Date of this Amendment may remain connected, maintained and repaired according to BellSouth's TR73600 and may remain connected until such time as they are disconnected by ACN or BellSouth provides ninety (90) calendar days notice that such UCL-L must be terminated.

2.4.3 **Unbundled Copper Loop – Non-Designed (UCL-ND)**

- 2.4.3.1 The UCL-ND is provisioned as a dedicated 2-wire metallic transmission facility from BellSouth's Main Distribution Frame (MDF) to a customer's premises (including the NID). The UCL-ND will be a "dry copper" facility in that it will not have any intervening equipment such as load coils, repeaters, or digital access main lines (DAMLs), and may have up to 6,000 feet of bridged tap between the End User's premises and the serving wire center. The UCL-ND typically will be 1300 Ohms resistance and in most cases will not exceed 18,000 feet in length, although the UCL-ND will not have a specific length limitation. For Loops less than 18,000 feet and with less than 1300 Ohms resistance, the Loop will provide a voice grade transmission channel suitable for Loop start signaling and the transport of analog voice grade signals. The UCL-ND will not be designed and will not be provisioned with either a DLR or a test point.

- 2.4.3.2 The UCL-ND facilities may be mechanically assigned using BellSouth's assignment systems. Therefore, the Loop Makeup (LMU) process is not required to order and provision the UCL-ND. However, ACN can request LMU for which additional charges would apply.
- 2.4.3.3 For an additional charge, BellSouth also will make available Loop Testing so that ACN may request further testing on the UCL-ND. Rates for Loop Testing are as set forth in Exhibit A of this Attachment.
- 2.4.3.4 UCL-ND Loops are not intended to support any particular service and may be utilized by ACN to provide a wide-range of telecommunications services as long as those services do not adversely affect BellSouth's network. The UCL-ND will include a NID at the customer's location for the purpose of connecting the Loop to the customer's inside wire.
- 2.4.3.5 OC will be provided as a chargeable option and may be utilized when the UCL-ND provisioning is associated with the reuse of BellSouth facilities. OC-TS does not apply to this product.
- 2.4.3.6 ACN may use BellSouth's Unbundled Loop Modification (ULM) offering to remove excessive bridged taps and/or load coils from any copper Loop within the BellSouth network. Therefore, some Loops that would not qualify as UCL-ND could be transformed into Loops that do qualify, using the ULM process.

2.5 **Unbundled Loop Modifications (Line Conditioning)**

- 2.5.1 Line Conditioning is defined as routine network modification that BellSouth regularly undertakes to provide xDSL services to its own customers. This may include the removal of any device, from a copper Loop or copper Sub-loop that may diminish the capability of the Loop or Sub-loop to deliver high-speed switched wireline telecommunications capability, including xDSL service. Such devices include, but are not limited to, load coils, excessive bridged taps, low pass filters, and range extenders. Excessive bridged taps are bridged taps that serves no network design purpose and that are beyond the limits set according to industry standards and/or the BellSouth TR 73600.
- 2.5.2 BellSouth will remove load coils only on copper loops and sub-loops that are less than 18,000 feet in length.
- 2.5.3 For any copper loop being ordered by ACN which has over 6,000 feet of combined bridged tap will be modified, upon request from ACN, so that the loop will have a maximum of 6,000 feet of bridged tap. This modification will be performed at no additional charge to ACN. Loop conditioning orders that require the removal of bridged tap that serves no network design purpose on a copper loop that will result in a combined total of bridged tap between 2,500 and 6,000 feet will be performed at the rates set forth in Exhibit A of this Attachment.

- 2.5.4 ACN may request removal of any unnecessary and non-excessive bridged tap (bridged tap between 0 and 2,500 feet which serves no network design purpose), at rates pursuant to BellSouth's Special Construction Process as mutually agreed to by the Parties.
- 2.5.5 Rates for ULM are as set forth in Exhibit A of this Attachment.
- 2.5.6 BellSouth will not modify a Loop in such a way that it no longer meets the technical parameters of the original Loop type (e.g., voice grade, ADSL, etc.) being ordered.
- 2.5.7 If ACN requests ULM on a reserved facility for a new loop order, BellSouth may perform a pair change and provision a different loop facility in lieu of the reserved facility with ULM if feasible. The loop provisioned will meet or exceed specifications of the requested loop facility as modified. ACN will not be charged for ULM if a different loop is provisioned. For loops that require a DLR or its equivalent, BellSouth will provide LMU detail of the loop provisioned.
- 2.5.8 ACN shall request Loop make up information pursuant to this Attachment prior to submitting a service inquiry and/or a LSR for the Loop type that ACN desires BellSouth to condition.
- 2.5.9 When requesting ULM for a Loop that BellSouth has previously provisioned for ACN, ACN will submit a service inquiry to BellSouth. If a spare Loop facility that meets the loop modification specifications requested by ACN is available at the location for which the ULM was requested, ACN will have the option to change the Loop facility to the qualifying spare facility rather than to provide ULM. In the event that BellSouth changes the Loop facility in lieu of providing ULM, ACN will not be charged for ULM but will only be charged the service order charges for submitting an order.
- 2.6 **Loop Provisioning Involving Integrated Digital Loop Carriers**
- 2.6.1 Where ACN has requested an Unbundled Loop and BellSouth uses IDLC systems to provide the local service to the End User and BellSouth has a suitable alternate facility available, BellSouth will make such alternative facilities available to ACN. If a suitable alternative facility is not available, then to the extent it is technically feasible, BellSouth will implement one of the following alternative arrangements for ACN (e.g. hairpinning):
1. Roll the circuit(s) from the IDLC to any spare copper that exists to the customer premises.
 2. Roll the circuit(s) from the IDLC to an existing DLC that is not integrated.
 3. If capacity exists, provide "side-door" porting through the switch.

4. If capacity exists, provide "Digital Access Cross Connect System (DACS)-door" porting (if the IDLC routes through a DACS prior to integration into the switch).

2.6.2 Arrangements 3 and 4 above require the use of a designed circuit. Therefore, non-designed Loops such as the SL1 voice grade and UCL-ND may not be ordered in these cases.

2.6.3 If no alternate facility is available, and upon request from ACN, and if agreed to by both Parties, BellSouth may utilize its Special Construction (SC) process to determine the additional costs required to provision facilities. ACN will then have the option of paying the one-time SC rates to place the Loop.

2.7 **Network Interface Device**

2.7.1 The NID is defined as any means of interconnection of the End User's customer premises wiring to BellSouth's distribution plant, such as a cross connect device used for that purpose. The NID is a single-line termination device or that portion of a multiple line termination device required to terminate a single line or circuit at the premises. The NID features two independent chambers or divisions that separate the service provider's network from the End User's customer premises wiring. Each chamber or division contains the appropriate connection points or posts to which the service provider and the End User each make their connections. The NID provides a protective ground connection and is capable of terminating cables such as twisted pair cable.

2.7.2 BellSouth shall permit ACN to connect ACN's Loop facilities to the End User's customer premises wiring through the BellSouth NID or at any other technically feasible point.

2.7.3 **Access to NID**

2.7.3.1 ACN may access the End User's customer premises wiring by any of the following means and ACN shall not disturb the existing form of electrical protection and shall maintain the physical integrity of the NID:

2.7.3.1.1 BellSouth shall allow ACN to connect its Loops directly to BellSouth's multi-line residential NID enclosures that have additional space and are not used by BellSouth or any other telecommunications carriers to provide service to the premises.

2.7.3.1.2 Where an adequate length of the End User's customer premises wiring is present and environmental conditions permit, either Party may remove the customer premises wiring from the other Party's NID and connect such wiring to that Party's own NID;

- 2.7.3.1.3 Either Party may enter the subscriber access chamber or dual chamber NID enclosures for the purpose of extending a connect divisioned or spliced jumper wire from the customer premises wiring through a suitable “punch-out” hole of such NID enclosures; or
- 2.7.3.1.4 ACN may request BellSouth to make other rearrangements to the End User customer premises wiring terminations or terminal enclosure on a time and materials cost basis.
- 2.7.3.2 In no case shall either Party remove or disconnect the other Party’s Loop facilities from either Party’s NIDs, enclosures, or protectors unless the applicable Commission has expressly permitted the same and the disconnecting Party provides prior notice to the other Party. In such cases, it shall be the responsibility of the Party disconnecting Loop facilities to leave undisturbed the existing form of electrical protection and to maintain the physical integrity of the NID. It will be ACN’s responsibility to ensure there is no safety hazard, and ACN will hold BellSouth harmless for any liability associated with the removal of the BellSouth Loop from the BellSouth NID. Furthermore, it shall be the responsibility of the disconnecting Party, once the other Party’s Loop has been disconnected from the NID, to reconnect the disconnected Loop to a nationally recognized testing laboratory listed station protector, which has been grounded as per Article 800 of the National Electrical Code. If no spare station protector exists in the NID, the disconnected Loop must be appropriately cleared, capped and stored.
- 2.7.3.3 ACN shall not remove or disconnect ground wires from BellSouth’s NIDs, enclosures, or protectors.
- 2.7.3.4 ACN shall not remove or disconnect NID modules, protectors, or terminals from BellSouth’s NID enclosures.
- 2.7.3.5 Due to the wide variety of NID enclosures and outside plant environments, BellSouth will work with ACN to develop specific procedures to establish the most effective means of implementing this section if the procedures set forth herein do not apply to the NID in question.
- 2.7.4 Technical Requirements
- 2.7.4.1 The NID shall provide an accessible point of interconnection and shall maintain a connection to ground.
- 2.7.4.2 If an existing NID is accessed, it shall be capable of transferring electrical analog or digital signals between the End User’s customer premises and the distribution media and/or cross connect to ACN’s NID.
- 2.7.4.3 Existing BellSouth NIDs will be provided in “as is” condition. ACN may request BellSouth to do additional work to the NID on a time and material basis. When

ACN deploys its own local Loops in a multiple-line termination device, ACN shall specify the quantity of NID connections that it requires within such device.

2.8 **Sub-loop Elements**

2.8.1 Where facilities permit, BellSouth shall offer access to its Unbundled Sub-Loop (USL) elements as specified herein.

2.8.2 **Unbundled Sub-Loop Distribution**

2.8.2.1 The Unbundled Sub-Loop Distribution facility is a dedicated transmission facility that BellSouth provides from an End User's point of demarcation to a BellSouth cross-connect device. The BellSouth cross-connect device may be located within a remote terminal (RT) or a stand-alone cross-box in the field or in the equipment room of a building. The unbundled sub-loop distribution media is a copper twisted pair that can be provisioned as a 2-Wire or 4-Wire facility. BellSouth will make available the following sub-loop distribution offerings where facilities exist:

Unbundled Sub-Loop Distribution – Voice Grade

Unbundled Copper Sub-Loop

Unbundled Sub-Loop Distribution – Intrabuilding Network Cable (aka riser cable)

2.8.2.2 Unbundled Sub-Loop Distribution – Voice Grade (USLD-VG) is a copper sub-loop facility from the cross-box in the field up to and including the point of demarcation at the End User's premises and may have load coils.

2.8.2.3 Unbundled Copper Sub-Loop (UCSL) is a copper facility of any length provided from the cross-box in the field up to and including the End User's point of demarcation. If available, this facility will not have any intervening equipment such as load coils between the End User and the cross-box.

2.8.2.3.1 If ACN requests a UCSL and it is not available, ACN may request the copper Sub-Loop facility be modified pursuant to the ULM process to remove load coils and/or excessive bridged taps. If load coils and/or excessive bridged taps are removed, the facility will be classified as a UCSL.

2.8.2.4 Unbundled Sub-Loop Distribution – Intrabuilding Network Cable (USLD-INC) is the distribution facility owned or controlled by BellSouth inside a building or between buildings on the same property that is not separated by a public street or road. USLD-INC includes the facility from the cross connect device in the building equipment room up to and including the point of demarcation at the End User's premises.

2.8.2.4.1 Upon request for USLD-INC from ACN, BellSouth will install a cross connect panel in the building equipment room for the purpose of accessing USLD-INC pairs from a building equipment room. The cross-connect panel will function as a

single point of interconnection (SPOI) for USLD-INC and will be accessible by multiple carriers as space permits. BellSouth will place cross-connect blocks in 25-pair increments for ACN's use on this cross-connect panel. ACN will be responsible for connecting its facilities to the 25-pair cross-connect block(s).

2.8.2.5 For access to Voice Grade USLD and UCSL, ACN shall install a cable to the BellSouth cross-box pursuant to the terms and conditions for physical collocation for remote sites set forth in this Agreement. This cable would be connected by a BellSouth technician within the BellSouth cross-box during the set-up process. ACN's cable pairs can then be connected to BellSouth's USL within the BellSouth cross-box by the BellSouth technician.

2.8.2.6 Through the SI process, BellSouth will determine whether access to Unbundled Sub-Loops at the location requested by ACN is technically feasible and whether sufficient capacity exists in the cross-box. If existing capacity is sufficient to meet ACN's request, then BellSouth will perform the site set-up as described in the CLEC Information Package, located at the website address:
<http://www.interconnection.bellsouth.com/products/html/unel.html>.

2.8.2.7 The site set-up must be completed before ACN can order sub-loop pairs. For the site set-up in a BellSouth cross-connect box in the field, BellSouth will perform the necessary work to splice ACN's cable into the cross-connect box. For the site set-up inside a building equipment room, BellSouth will perform the necessary work to install the cross-connect panel and the connecting block(s) that will be used to provide access to the requested USLs.

2.8.2.8 Once the site set-up is complete, ACN will request sub-loop pairs through submission of a LSR form to the Local Carrier Service Center (LCSC). OC is required with USL pair provisioning when ACN requests reuse of an existing facility, and the Order Coordination charge shall be billed in addition to the USL pair rate. For expedite requests by ACN for sub-loop pairs, expedite charges will apply for intervals less than five (5) calendar days.

2.8.2.9 Unbundled Sub-Loops will be provided in accordance with technical reference TR73600.

2.8.3 **Unbundled Network Terminating Wire (UNTW)**

2.8.3.1 UNTW is unshielded twisted copper wiring that is used to extend circuits from an intra-building network cable terminal or from a building entrance terminal to an individual End User's point of demarcation. It is the final portion of the Loop that in multi-subscriber configurations represents the point at which the network branches out to serve individual subscribers.

2.8.3.2 This element will be provided in Multi-Dwelling Units (MDUs) and/or Multi-Tenants Units (MTUs) where either Party owns wiring all the way to the End

User's premises. Neither Party will provide this element in locations where the property owner provides its own wiring to the End User's premises, where a third party owns the wiring to the End User's premises.

2.8.3.3 Requirements

- 2.8.3.3.1 On a multi-unit premises, upon request of the other Party (Requesting Party), the Party owning the network terminating wire (Provisioning Party) will provide access to UNTW pairs on an Access Terminal that is suitable for use by multiple carriers at each Garden Terminal or Wiring Closet.
- 2.8.3.3.2 The Provisioning Party shall not be required to install new or additional NTW beyond existing NTW to provision the services of the Requesting Party.
- 2.8.3.3.3 In existing MDUs and/or MTUs in which BellSouth does not own or control wiring (INC/NTW) to the End Users premises, ACN will install UNTW Access Terminals for BellSouth at no additional charge.
- 2.8.3.3.4 In situations in which BellSouth activates a UNTW pair, BellSouth will compensate ACN for each pair activated commensurate to the price specified in ACN's Agreement.
- 2.8.3.3.5 Upon receipt of the UNTW SI requesting access to the Provisioning Party's UNTW pairs at a multi-unit premises, representatives of both Parties will participate in a meeting at the site of the requested access. The purpose of the site visit will include discussion of the procedures for installation and location of the Access Terminals. By request of the Requesting Party, an Access Terminal will be installed either adjacent to each of the Provisioning Party's Garden Terminal or inside each Wiring Closet. The Requesting Party will deliver and connect its central office facilities to the UNTW pairs within the Access Terminal. The Requesting Party may access any available pair on an Access Terminal. A pair is available when a pair is not being utilized to provide service or where the End User has requested a change in its local service provider to the Requesting Party. Prior to connecting the Requesting Party's service on a pair previously used by the Provisioning Party, the Requesting Party is responsible for ensuring the End User is no longer using the Provisioning Party's service or another CLEC's service before accessing UNTW pairs.
- 2.8.3.3.6 Access Terminal installation intervals will be established on an individual case basis.
- 2.8.3.3.7 The Requesting Party is responsible for obtaining the property owner's permission for the Provisioning Party to install an Access Terminal(s) on behalf of the Requesting Party. The submission of the SI by the Requesting Party will serve as certification by the Requesting Party that such permission has been obtained. If the property owner objects to Access Terminal installations that are in progress or

subsequent to completion and demands removal of Access Terminals, the Requesting Party will be responsible for costs associated with removing Access Terminals and restoring the property to its original state prior to Access Terminals being installed.

- 2.8.3.3.8 The Requesting Party shall indemnify and hold harmless the Provisioning Party against any claims of any kind that may arise out of the Requesting Party's failure to obtain the property owner's permission. The Requesting Party will be billed for nonrecurring and recurring charges for accessing UNTW pairs at the time the Requesting Party activates the pair(s). The Requesting Party will notify the Provisioning Party within five (5) business days of activating UNTW pairs using the LSR form.
- 2.8.3.3.9 If a trouble exists on a UNTW pair, the Requesting Party may use an alternate spare pair that serves that End User if a spare pair is available. In such cases, the Requesting Party will re-terminate its existing jumper from the defective pair to the spare pair. Alternatively, the Requesting Party will isolate and report troubles in the manner specified by the Provisioning Party. The Requesting Party must tag the UNTW pair that requires repair. If the Provisioning Party dispatches a technician on a reported trouble call and no UNTW trouble is found, the Provisioning Party will charge Requesting Party for time spent on the dispatch and testing the UNTW pair(s).
- 2.8.3.3.10 If the Requesting Party initiates the Access Terminal installation and the Requesting Party has not activated at least ten (10) percent of the capacity of the Access Terminal installed pursuant to the Requesting Party's request for an Access Terminal within six (6) months of installation of the Access Terminal, the Provisioning Party will bill the Requesting Party a nonrecurring charge equal to the actual cost of provisioning the Access Terminal.
- 2.8.3.3.11 If the Provisioning Party determines that the Requesting Party is using the UNTW pairs without reporting the activation of the pairs, the Requesting Party will be billed for the use of that pair back to the date the End User began receiving service from the Requesting Party at that location. Upon request, the Requesting Party will provide copies of its billing record to substantiate such date. If the Requesting Party fails to provide such records, then the Provisioning Party will bill the Requesting Party back to the date of the Access Terminal installation.

2.8.4 **Unbundled Sub-Loop Feeder**

- 2.8.4.1 Upon the Effective Date of this Amendment, Unbundled Sub-Loop Feeder (USLF) elements will no longer be offered by BellSouth at TELRIC prices. Within ninety (90) calendar days of the Effective Date of this Amendment, ACN will either negotiate market-based rates for these elements or will issue orders to have these elements disconnected. If, after this ninety (90)-day period, market-based rates have not been negotiated and ACN has not issued the appropriate disconnect

orders, BellSouth may immediately disconnect any remaining USLF elements and will bill ACN any applicable disconnect charges.

2.8.5 **Unbundled Loop Concentration**

2.8.5.1 Upon the Effective Date of this Amendment, the Unbundled Loop Concentration (ULC) element will no longer be offered by BellSouth and no new orders for ULC will be accepted. Any existing ULCs that were provisioned prior to the Effective Date of this Amendment will be grandfathered at the rates set forth in the Parties' interconnection agreement that was in effect immediately prior to this Amendment and may remain connected, maintained and repaired according to BellSouth's TR73600 until such time as they are disconnected by ACN, or BellSouth provides ninety (90) calendar days notice that such ULC must be terminated.

2.8.6 **Dark Fiber Loop**

2.8.6.1 Dark Fiber Loop is an unused optical transmission facility, without attached signal regeneration, multiplexing, aggregation or other electronics, from the demarcation point at an End User's premises to the End User's serving wire center. Dark Fiber Loops may be strands of optical fiber existing in aerial or underground structure. BellSouth will not provide line terminating elements, regeneration or other electronics necessary for ACN to utilize Dark Fiber Loops.

2.8.6.2 If Dark Fiber Loop is not readily available but can be made available through routine network modifications, as defined by the FCC, ACN may request BellSouth to perform such routine network modifications. The request may not be used to place fiber. Each request will be handled as a project on an individual case basis. BellSouth will provide a price quote for the request, and upon receipt of payment by ACN, BellSouth shall perform the routine network modifications.

2.8.6.3 **Requirements**

2.8.6.3.1 BellSouth shall make available Dark Fiber Loop where it exists in BellSouth's network and where, as a result of future building or deployment, it becomes available. Dark Fiber Loop will not be deemed available if: (1) it is used by BellSouth for maintenance and repair purposes; (2) it is designated for use pursuant to a firm order placed by another customer; (3) it is restricted for use by all carriers, including BellSouth, because of transmission problems or because it is scheduled for removal due to documented changes to roads and infrastructure; or (4) BellSouth has plans to use the fiber within a two-year planning period. BellSouth is not required to place the fiber for Dark Fiber Loop if none is available.

2.8.6.3.2 ACN is solely responsible for testing the quality of the Dark Fiber to determine its usability and performance specifications.

- 2.8.6.3.3 BellSouth shall use its commercially reasonable efforts to provide to ACN information regarding the location, availability and performance of Dark Fiber Loop within ten (10) business days after receiving a SI from ACN.
- 2.8.6.3.4 If the requested Dark Fiber Loop is available, BellSouth shall use commercially reasonable efforts to provision the Dark Fiber Loop to ACN within twenty (20) business days after ACN submits a valid, error free LSR. Provisioning includes identification of appropriate connection points (e.g., Light Guide Interconnection (LGX)) to enable ACN to connect ACN provided transmission media (e.g., optical fiber) or equipment to the Dark Fiber Loop.

2.9 **Loop Makeup**

2.9.1 **Description of Service**

- 2.9.1.1 BellSouth shall make available to ACN LMU information so that ACN can make an independent judgment about whether the Loop is capable of supporting the advanced services equipment ACN intends to install and the services ACN wishes to provide. This section addresses LMU as a preordering transaction, distinct from ACN ordering any other service(s). Loop Makeup Service Inquiries (LMUSI) and mechanized LMU queries for preordering LMU are likewise unique from other preordering functions with associated SIs as described in this Agreement.
- 2.9.1.2 BellSouth will provide ACN LMU information consisting of the composition of the Loop material (copper/fiber); the existence, location and type of equipment on the Loop, including but not limited to digital loop carrier or other remote concentration devices, feeder/distribution interfaces, bridged taps, load coils, pair-gain devices; the Loop length; the wire gauge and electrical parameters.
- 2.9.1.3 BellSouth's LMU information is provided to ACN as it exists either in BellSouth's databases or in its hard copy facility records. BellSouth does not guarantee accuracy or reliability of the LMU information provided.
- 2.9.1.4 BellSouth's provisioning of LMU information to the requesting CLEC for facilities is contingent upon either BellSouth or the requesting CLEC controlling the Loop(s) that serve the service location for which LMU information has been requested by the CLEC. The requesting CLEC is not authorized to receive LMU information on a facility used or controlled by another CLEC unless BellSouth receives a Letter of Authorization (LOA) from the voice CLEC (owner) or its authorized agent on the LMUSI submitted by the requesting CLEC.
- 2.9.1.5 ACN may choose to use equipment that it deems will enable it to provide a certain type and level of service over a particular BellSouth Loop as long as that equipment does not disrupt other services on the BellSouth network. The determination shall be made solely by ACN and BellSouth shall not be liable in any

way for the performance of the advanced data services provisioned over said Loop. The specific Loop type (ADSL, HDSL, or otherwise) ordered on the LSR must match the LMU of the Loop reserved taking into consideration any requisite line conditioning. The LMU data is provided for informational purposes only and does not guarantee ACN's ability to provide advanced data services over the ordered Loop type. Further, if ACN orders Loops that do not require a specific facility medium (i.e. copper only) or Loops that are not intended to support advanced services (such as UV-SL1, UV-SL2, or ISDN compatible Loops) and that are not inventoried as advanced services Loops, the LMU information for such Loops is subject to change at any time due to modifications and/or upgrades to BellSouth's network. ACN is fully responsible for any of its service configurations that may differ from BellSouth's technical standard for the Loop type ordered.

2.9.2 **Submitting Loop Makeup Service Inquiries**

2.9.2.1 ACN may obtain LMU information by submitting a mechanized LMU query or a Manual LMUSI. Mechanized LMUs should be submitted through BellSouth's OSS interfaces. After obtaining the Loop information from the mechanized LMU process, if ACN needs further Loop information in order to determine Loop service capability, ACN may initiate a separate Manual Service Inquiry for a separate nonrecurring charge as set forth in Exhibit A of this Attachment.

2.9.2.2 Manual LMUSIs shall be submitted according to the guidelines in the LMU CLEC Information Package, incorporated herein by reference, as it may be amended from time to time, which can be found at the following BellSouth website: <http://interconnection.bellsouth.com/guides/html/unes.html> . The service interval for the return of a Manual LMUSI is three (3) business days. Manual LMUSIs are not subject to expedite requests. This service interval is distinct from the interval applied to the subsequent service order.

2.9.3 **Loop Reservations**

2.9.3.1 For a Mechanized LMUSI, ACN may reserve up to ten (10) Loop facilities. For a Manual LMUSI, ACN may reserve up to three (3) Loop facilities.

2.9.3.2 ACN may reserve facilities for up to four (4) business days for each facility requested through LMU from the time the LMU information is returned to ACN. During and prior to ACN placing an LSR, the reserved facilities are rendered unavailable to other customers, including BellSouth. If ACN does not submit an LSR for a UNE service on a reserved facility within the four (4)-day reservation timeframe, the reservation of that spare facility will become invalid and the facility will be released.

2.9.3.3 Charges for preordering Manual LMUSI or Mechanized LMU are separate from any charges associated with ordering other services from BellSouth.

2.9.3.4 All LSRs issued for reserved facilities shall reference the facility reservation number as provided by BellSouth. ACN will not be billed any additional LMU charges for the Loop ordered on such LSR. If, however, ACN does not reserve facilities upon an initial LMUSI, ACN's placement of an order for an advanced data service type facility will incur the appropriate billing charges to include SI and reservation per Exhibit A of this Attachment.

2.9.3.5 Where ACN has reserved multiple Loop facilities on a single reservation, ACN may not specify which facility shall be provisioned when submitting the LSR. For those occasions, BellSouth will assign to ACN, subject to availability, a facility that meets the BellSouth technical standards of the BellSouth type Loop as ordered by ACN.

3 Line Sharing

3.1 General

3.1.1 Line Sharing is defined as the process by which ACN provides digital subscriber line service over the same copper loop that BellSouth uses to provide voice service, with BellSouth using the low frequency portion of the loop and ACN using the high frequency spectrum (as defined below) of the loop.

3.1.2 Line Sharing arrangements in service as of October 1, 2003, will be grandfathered until the earlier of the date the End User discontinues or moves service with ACN. Grandfathered arrangements pursuant to this Section will be billed at the rates set forth in Exhibit A.

3.1.3 For the period from October 2, 2003, through October 1, 2004, ACN may request new Line Sharing arrangements. For Line Sharing arrangements placed in service between October 2, 2003, and October 1, 2004, the rates will be as set forth in Exhibit A. After October 1, 2004, ACN may not request new Line Sharing arrangements under the terms of this Agreement.

3.1.4 The rates set forth herein will be applied retroactively back to the date set forth in the Triennial Review Order.

3.1.5 As of the earlier of October 2, 2006, or the date that the End User discontinues or moves service with ACN, all Line Sharing arrangements pursuant to Section 3.1.3 of this Attachment shall be terminated.

3.1.6 The High Frequency Spectrum is defined as the frequency range above the voiceband on a copper Loop facility carrying analog circuit-switched voiceband transmissions. Access to the High Frequency Spectrum is intended to allow ACN the ability to provide Digital Subscriber Line (xDSL) data services to the End User for which BellSouth provides voice services. The High Frequency Spectrum shall be available for any version of xDSL complying with Spectrum Management Class

5 of ANSI T1.417, American National Standard for Telecommunications, Spectrum Management for Loop Transmission Systems. BellSouth will continue to have access to the low frequency portion of the Loop spectrum (from 300 Hertz to at least 3000 Hertz, and potentially up to 3400 Hertz, depending on equipment and facilities) for the purposes of providing voice service. ACN shall only use xDSL technology that is within the PSD mask for Spectrum Management Class 5 as found in the above-mentioned document.

- 3.1.7 Access to the High Frequency Spectrum requires an unloaded, 2-wire copper Loop. An unloaded Loop is a copper Loop with no load coils, low-pass filters, range extenders, DAMLs, or similar devices and minimal bridged taps consistent with ANSI T1.413 and T1.601.
- 3.1.8 BellSouth will provide Loop Modification to ACN on an existing Loop in accordance with procedures as specified in Section 2 of this Attachment. BellSouth is not required to modify a Loop for access to the High Frequency spectrum if modification of that Loop significantly degrades BellSouth's voice service. If ACN requests that BellSouth modify a Loop and such modification significantly degrades the voice services on the Loop, ACN shall pay for the Loop to be restored to its original state.
- 3.1.9 Line Sharing shall only be available on Loops on which BellSouth is also providing, and continues to provide, analog voice service directly to the End User. In the event the End User terminates its BellSouth provided voice service for any reason, or in the event BellSouth disconnects the End User's voice service pursuant to its tariffs or applicable law, and ACN desires to continue providing xDSL service on such Loop, ACN shall be required to purchase a full stand-alone Loop UNE. To the extent commercially practicable, BellSouth shall give ACN notice in a reasonable time prior to disconnect, which notice shall give ACN an adequate opportunity to notify BellSouth of its intent to purchase such Loop. In those cases in which BellSouth no longer provides voice service to the End User and ACN purchases the full stand-alone Loop, ACN may elect the type of Loop it will purchase. ACN will pay the appropriate recurring and nonrecurring rates for such Loop as set forth in Exhibit A to this Attachment. In the event ACN purchases a voice grade Loop, ACN acknowledges that such Loop may not remain xDSL compatible.
- 3.1.10 If ACN reports a trouble on the High Frequency Spectrum of a Loop and no trouble actually exists on the BellSouth portion, BellSouth will charge ACN for any dispatching and testing (both inside and outside the CO) required by BellSouth in order to confirm the working status. The rates charged for no trouble found (NTF) shall be as set forth in Exhibit A of this Attachment.
- 3.1.11 Only one CLEC shall be permitted access to the High Frequency Spectrum of any particular Loop.

3.2 Provisioning of Line Sharing and Splitter Space

3.2.1 BellSouth will provide ACN with access to the High Frequency Spectrum as follows:

3.2.1.1 To order High Frequency Spectrum on a particular Loop, ACN must have a Digital Subscriber Line Access Multiplexer (DSLAM) collocated in the central office that serves the End User of such Loop.

3.2.1.2 ACN may provide its own splitters or may order splitters in a central office once it has installed its DSLAM in that central office. BellSouth will install splitters within thirty-six (36) calendar days of ACN's submission of an error free Line Splitter Ordering Document (LSOD) to the BellSouth Complex Resale Support Group.

3.2.1.3 Once a splitter is installed on behalf of ACN in a central office in which ACN is located, ACN shall be entitled to order the High Frequency Spectrum on lines served out of that central office. BellSouth will bill and ACN shall pay the electronic or manual ordering charges as applicable when ACN orders High Frequency Spectrum for End User service.

3.2.1.4 BellSouth shall test the data portion of the Loop to ensure the continuity of the wiring for ACN's data.

3.3 BellSouth Provided Splitter – Line Sharing

3.3.1 BellSouth will select, purchase, install, and maintain a central office POTS splitter and provide ACN access to data ports on the splitter. The splitter will route the High Frequency Spectrum on the circuit to ACN's xDSL equipment in ACN's collocation space. At least thirty (30) calendar days before making a change in splitter suppliers, BellSouth will provide ACN with a carrier notification letter, informing ACN of change. ACN shall purchase ports on the splitter in increments of eight (8), twenty-four (24), or ninety-six (96) ports in Alabama, Florida, Georgia, Kentucky, Louisiana, Mississippi, North Carolina and South Carolina. ACN shall purchase ports on the splitter in increments of twenty-four (24) or ninety-six (96) ports in Tennessee.

3.3.2 BellSouth will install the splitter in (i) a common area close to ACN's collocation area, if possible; or (ii) in a BellSouth relay rack as close to ACN's DS0 termination point as possible. ACN shall have access to the splitter for test purposes, regardless of where the splitter is placed in the BellSouth premises. For purposes of this section, a common area is defined as an area in the central office in which both Parties have access to a common test access point. A Termination Point is defined as the point of termination for ACN on the main distributing frame in the central office and is not the demarcation point set forth in Attachment 4 of

this Agreement. BellSouth will cross-connect the splitter data ports to a specified ACN DS0 at such time that a ACN End User's service is established.

3.4 **CLEC Provided Splitter – Line Sharing**

3.4.1 ACN may at its option purchase, install and maintain central office POTS splitters in its collocation arrangements. ACN may use such splitters for access to its customers and to provide digital line subscriber services to its customers using the High Frequency Spectrum. Existing Collocation rules and procedures and the terms and conditions relating to Collocation set forth in Attachment 4-Central Office shall apply.

3.4.2 Any splitters installed by ACN in its collocation arrangement shall comply with ANSI T1.413, Annex E, or any future ANSI splitter Standards. ACN may install any splitters that BellSouth deploys or permits to be deployed for itself or any BellSouth affiliate.

3.5 **Ordering – Line Sharing**

3.5.1 ACN shall use BellSouth's LSOD to order splitters from BellSouth and to activate and deactivate DS0 Collocation Connecting Facility Assignments (CFA) for use with High Frequency Spectrum.

3.5.2 BellSouth will provide ACN the LSR format to be used when ordering the High Frequency Spectrum.

3.5.3 BellSouth will provision High Frequency Spectrum in compliance with BellSouth's Products and Services Interval Guide available at the website at <http://www.interconnection.bellsouth.com>.

3.5.4 BellSouth will provide ACN access to Preordering LMU in accordance with the terms of this Agreement. BellSouth shall bill and ACN shall pay the rates for such services, as described in Exhibit A.

3.6 **Maintenance and Repair – Line Sharing**

3.6.1 ACN shall have access for repair and maintenance purposes to any Loop for which it has access to the High Frequency Spectrum. If ACN is using a BellSouth owned splitter, ACN may access the Loop at the point where the combined voice and data signal exits the central office splitter via a bantam test jack. If ACN provides its own splitter, it may test from the collocation space or the Termination Point.

3.6.2 BellSouth will be responsible for repairing voice services and the physical line between the NID at the customer's premises and the Termination Point. ACN will be responsible for repairing data services. Each Party will be responsible for maintaining its own equipment.

- 3.6.3 ACN shall inform its End Users to direct data problems to ACN, unless both voice and data services are impaired, in which event the End Users should call BellSouth.
- 3.6.4 Once a Party has isolated a trouble to the other Party's portion of the Loop, the Party isolating the trouble shall notify the End User that the trouble is on the other Party's portion of the Loop.
- 3.6.5 Notwithstanding anything else to the contrary in this Agreement, when BellSouth receives a voice trouble and isolates the trouble to the physical collocation arrangement belonging to ACN, BellSouth will notify ACN. ACN will provide at least one but no more than two (2) verbal CFA pair changes to BellSouth in an attempt to resolve the voice trouble. In the event a CFA pair change resolves the voice trouble, ACN will provide BellSouth an LSR with the new CFA pair information within twenty-four (24) hours. If the owner of the collocation space fails to resolve the trouble by providing BellSouth with the verbal CFA pair changes, BellSouth may discontinue ACN's access to the High Frequency Spectrum on such Loop. BellSouth will not be responsible for any loss of data as a result of this action.

3.7 **Line Splitting**

- 3.7.1 Line splitting allows a provider of data services (a Data LEC) and a provider of voice services (a Voice CLEC) to deliver voice and data service to End Users over the same Loop. The Voice CLEC and Data LEC may be the same or different carriers.
- 3.7.2 In the event ACN provides its own switching or obtains switching from a third party, ACN may engage in line splitting arrangements with another CLEC using a splitter, provided by ACN, in a Collocation Arrangement at the central office where the loop terminates into a distribution frame or its equivalent.
- 3.7.3 Where ACN is purchasing a UNE-port and a UNE-loop, BellSouth shall offer line splitting pursuant to the following sections in this Attachment.
- 3.7.4 ACN shall provide BellSouth with a signed LOA between it and the Data LEC or Voice CLEC with which it desires to provision Line Splitting services, if ACN will not provide voice and data services.
- 3.7.5 End Users currently receiving voice service from a Voice CLEC through a UNE-P may be converted to Line Splitting arrangements by ACN or its authorized agent ordering Line Splitting Service. If the CLEC wishes to provide the splitter, the UNE-P arrangement will be converted to a stand-alone UNE Loop, a UNE port, two collocation cross connects and the high frequency spectrum line activation. If BellSouth owns the splitter, the UNE-P arrangement will be converted to a stand-alone UNE Loop, port, and one collocation cross connection.

- 3.7.6 When End Users on Loops using High Frequency Spectrum CO Based line sharing service are converted to Line Splitting, BellSouth will discontinue billing ACN for the High Frequency Spectrum. BellSouth will continue to bill the Data LEC for all associated splitter charges if the Data LEC continues to use a BellSouth splitter. It is the responsibility of ACN or its authorized agent to determine if the Loop is compatible for Line Splitting Service. ACN or its authorized agent may use the existing Loop unless it is not compatible with the Data LEC's data service and ACN or its authorized agent submits an LSR to BellSouth to change the Loop.

3.8 **Provisioning Line Splitting and Splitter Space**

- 3.8.1 The Data LEC, Voice CLEC or BellSouth may provide the splitter. When ACN or its authorized agent owns the splitter, Line Splitting requires the following: a non-designed analog Loop from the serving wire center to the NID at the End User's location; a collocation cross connection connecting the Loop to the collocation space; a second collocation cross connection from the collocation space connected to a voice port; the high frequency spectrum line activation, and a splitter. The Loop and port cannot be a Loop and port combination (i.e. UNE-P), but must be individual stand-alone Network Elements. When BellSouth owns the splitter, Line Splitting requires the following: a non designed analog Loop from the serving wire center to the NID at the End User's location with CFA and splitter port assignments, and a collocation cross connection from the collocation space connected to a voice port.
- 3.8.2 An unloaded 2-wire copper Loop must serve the End User. The meet point for the Voice CLEC and the Data LEC is the point of termination on the MDF for the Data LEC's cable and pairs.
- 3.8.3 The foregoing procedures are applicable to migration to Line Splitting Service from a UNE-P arrangement, BellSouth Retail Voice Service, BellSouth High Frequency Spectrum (CO Based) Line Sharing.
- 3.8.4 For other migration scenarios to line splitting, BellSouth will work cooperatively with CLECs to develop methods and procedures to develop a process whereby a Voice CLEC and a Data LEC may provide services over the same Loop.

3.9 **Ordering – Line Splitting**

- 3.9.1 ACN shall use BellSouth's LSOD to order splitters from BellSouth and to activate and deactivate DS0 Collocation CFA for use with Line Splitting.
- 3.9.2 BellSouth shall provide ACN the LSR format to be used when ordering Line Splitting service.

- 3.9.3 BellSouth will provision Line Splitting service in compliance with BellSouth's Products and Services Interval Guide available at the website at <http://www.interconnection.bellsouth.com>.
- 3.9.4 BellSouth will provide ACN access to Preordering LMU in accordance with the terms of this Agreement. BellSouth shall bill and ACN shall pay the rates for such services as described in Exhibit A.
- 3.9.5 BellSouth will provide Loop modification to ACN on an existing Loop in accordance with procedures developed in the Line Sharing Collaborative. High Frequency Spectrum (CO Based) Unbundled Loop Modification is a separate distinct service from Unbundled Loop Modification set forth in Section 2.5 of this Attachment. Procedures for High Frequency Spectrum (CO Based) Unbundled Loop Modification may be found on the web at: <http://www.interconnection.bellsouth.com/html/unes.html>. Nonrecurring rates for this offering are as set forth in Exhibit A of this Attachment.

3.10 Maintenance – Line Splitting

- 3.10.1 BellSouth will be responsible for repairing voice services and the physical loop between the NID at the customer's premises and the termination point. ACN will be responsible for maintaining the voice and data services. Each Party will be responsible for maintaining its own equipment.
- 3.10.2 ACN shall inform its End Users to direct all problems to ACN or its authorized agent.
- 3.10.3 If ACN is not the data provider, ACN shall indemnify, defend and hold harmless BellSouth from and against any claims, losses, actions, causes of action, suits, demands, damages, injury, and costs including reasonable attorney fees, which arise out of actions related to the data provider.

4 Local Switching

- 4.1 BellSouth shall provide non-discriminatory access to local circuit switching capability and local tandem switching capability on an unbundled basis, except as set forth in the Sections below to ACN for the provision of a telecommunications service.

4.2 Local Circuit Switching Capability, including Tandem Switching Capability

- 4.2.1 Local circuit switching capability is defined as all line-side and trunk-side facilities, plus the features, functions, and capabilities of the switch. The features, functions, and capabilities of the switch shall include the basic switching function of connecting lines to lines, lines to trunks, trunks to lines, and trunks to trunks. Local circuit switching includes all vertical features that the switch is capable of

providing, including custom calling, custom local area signalling service features, and Centrex, as well as any technically feasible customized routing functions.

- 4.2.2 Notwithstanding BellSouth's general duty to unbundle local circuit switching, BellSouth shall not be required to unbundle local circuit switching for ACN when ACN: (1) serves an End User with four (4) or more voice-grade (DS0) equivalents or lines served by BellSouth in Zone 1 of one of the following MSAs: Atlanta, GA; Miami, FL; Orlando, FL; Ft. Lauderdale, FL; Charlotte-Gastonia-Rock Hill, NC; Greensboro-Winston Salem-High Point, NC; Nashville, TN; and New Orleans, LA; or (2) serves an End User with a DS1 or higher capacity Loop in any service area covered by this Agreement. To the extent that ACN is serving any End User as described in (2) above as of October 2, 2003, such arrangement may not remain in place any longer than April 1, 2004, after which such arrangement must be terminated by ACN or BellSouth shall convert such arrangement to tariff pricing. The filing of this Agreement with the applicable Commission shall constitute the filing of the joint transition plan specified by the FCC.
- 4.2.3 Rates for unbundled switching at the DS1 level and above or for combinations with unbundled switching at the DS1 level and above provisioned prior to the Effective Date of this Amendment shall be those rates set forth in Exhibit A of this Attachment until April 1, 2004.
- 4.2.4 Local Switching that is not required to be provided as a UNE will be provided pursuant to a separate agreement or a tariff, at BellSouth's discretion.
- 4.2.5 Unbundled Local Switching consists of three separate unbundled elements: Unbundled Ports, End Office Switching Functionality, and End Office Interoffice Trunk Ports.
- 4.2.6 Unbundled Local Switching combined with Common Transport and, if necessary, Tandem Switching provides to ACN's End User local calling and the ability to presubscribe to a primary carrier for intraLATA and/or to presubscribe to a primary carrier for interLATA toll service.
- 4.2.7 Provided that ACN purchases unbundled local switching from BellSouth and uses the BellSouth Carrier Identification Code (CIC) for its End Users' Local Preferred Interexchange Carrier (LPIC) or if a BellSouth local End User selects BellSouth as its LPIC, then the Parties will consider as local any calls originated by a ACN local End User, or originated by a BellSouth local End User and terminated to a ACN local End User, where such calls originate and terminate in the same LATA, except for those calls originated and terminated through switched access arrangements (i.e., calls that are transported by a Party other than BellSouth). For such calls, BellSouth will charge ACN the UNE elements for the BellSouth facilities utilized. Neither Party shall bill the other originating or terminating switched access charges for such calls. Intercarrier compensation for local calls

between BellSouth and ACN shall be as described in BellSouth's UNE Local Call Flows set forth on BellSouth's website.

4.2.8 Where ACN purchases unbundled local switching from BellSouth but does not use the BellSouth CIC for its End Users' LPIC, BellSouth will consider as local those direct dialed telephone calls that originate from a ACN End User and terminate within the basic local calling area or within the extended local calling areas and that are dialed using seven (7) or ten (10) digits as defined and specified in Section A3 of BellSouth's General Subscriber Services Tariffs (GSST). For such local calls, BellSouth will charge ACN the UNE elements for the BellSouth facilities utilized. Intercarrier compensation for local calls between BellSouth and ACN shall be as described in BellSouth's UNE Local Call Flows set forth on BellSouth's website.

4.2.9 For any calls that originate and terminate through switched access arrangements (i.e., calls that are transported by a party other than BellSouth), BellSouth shall bill ACN the UNE elements for the BellSouth facilities utilized. Each Party may bill the toll provider originating or terminating switched access charges as appropriate.

4.2.10 **Unbundled Port Features**

4.2.10.1 Charges for Unbundled Port are as set forth in Exhibit A, and as specified in such exhibit, may or may not include individual features.

4.2.10.2 Where applicable and available, non-switch-based services may be ordered with the Unbundled Port at BellSouth's retail rates.

4.2.10.3 Any features that are not currently available but are technically feasible through the switch can be requested through the BFR/NBR process.

4.2.10.4 BellSouth will provide to ACN selective routing of calls to a requested Operator System platform pursuant to this Attachment. Any other routing requests by ACN will be made pursuant to the BFR/NBR Process as set forth in Attachment 11.

4.2.11 **Remote Call Forwarding**

4.2.11.1 As an option, BellSouth shall make available to ACN an unbundled port with Remote Call Forwarding capability (URCF service). URCF service combines the functionality of unbundled local switching, tandem switching and common transport to forward calls from the URCF service telephone number (the number dialed by the calling party) to another telephone number selected by the URCF service subscriber. When ordering URCF service, ACN will ensure that the following conditions are satisfied:

4.2.11.1.1 That the End User of the forward-to number (service) agrees to receive calls forwarded using the URCF service (if such End User is different from the URCF service End User);

- 4.2.11.1.2 That the forward-to number (service) is equipped with sufficient capacity to receive the volume of calls that will be generated from the URCF service;
- 4.2.11.1.3 That the URCF service will not be utilized to forward calls to another URCF or similar service; and
- 4.2.11.1.4 That the forward-to number (service) is not a public safety number (e.g. 911, fire or police number).
- 4.2.11.2 In addition to the charge for the URCF service port, BellSouth shall charge ACN the rates set forth in Exhibit A for unbundled local switching, tandem switching, and common transport, including all associated usage incurred for calls from the URCF service telephone number (the number dialed by the calling party) to the forward-to number (service).
- 4.2.12 **Provision for Local Switching**
 - 4.2.12.1 BellSouth shall perform routine testing (e.g., Mechanized Loop Tests (MLT) and test calls such as 105, 107 and 108 type calls) and fault isolation on a mutually agreed upon schedule.
 - 4.2.12.2 BellSouth shall control congestion points such as those caused by radio station call-ins and network routing abnormalities. All traffic shall be restricted in a non-discriminatory manner.
 - 4.2.12.3 BellSouth shall perform manual call trace and permit customer originated call trace. BellSouth shall provide Switching Service Point (SSP) capabilities and signaling software to interconnect the signaling links destined to the Signaling Transfer Point Switch (STPS). These capabilities shall adhere to the technical specifications set forth in the applicable industry standard technical references.
 - 4.2.12.4 BellSouth shall provide interfaces to adjuncts through Telcordia standard interfaces. These adjuncts can include, but are not limited to, the Service Circuit Node and Automatic Call Distributors. BellSouth shall offer to ACN all Advanced Intelligent Network (AIN) triggers in connection with its SMS/SCE offering.
 - 4.2.12.5 BellSouth shall provide access to SS7 Signaling Network or Multi-Frequency trunking if requested by ACN.
- 4.2.13 **Local Switching Interfaces.**
 - 4.2.13.1 ACN shall order ports and associated interfaces compatible with the services it wishes to provide as listed in Exhibit A. BellSouth shall provide the following local switching interfaces:
 - 4.2.13.1.1 Standard Tip/Ring interface including loopstart or groundstart, on-hook signaling (e.g., for calling number, calling name and message waiting lamp);

- 4.2.13.1.2 Coin phone signaling;
- 4.2.13.1.3 Basic Rate Interface ISDN adhering to appropriate Telcordia Technical Requirements;
- 4.2.13.1.4 Two-wire analog interface to PBX;
- 4.2.13.1.5 Four-wire analog interface to PBX;
- 4.2.13.1.6 Four-wire DS1 interface to PBX or customer provided equipment (e.g. computers and voice response systems);
- 4.2.13.1.7 Primary Rate ISDN to PBX adhering to ANSI standards Q.931, Q.932 and appropriate Telcordia Technical Requirements;
- 4.2.13.1.8 Switched Fractional DS1 with capabilities to configure Nx64 channels (where N = 1 to 24); and
- 4.2.13.1.9 Loops adhering to Telcordia TR-NWT-08 and TR-NWT-303 specifications to interconnect Digital Loop Carriers.
- 4.2.14 All End Users of ACN who have service provisioned via 4-Wire ISDN DS1 Port with E911 Locator Capability shall physically be located in the E911 Tandem Switch service area.
- 4.2.15 ACN shall pass its End User's telephone number to BellSouth over the Primary Interface (PRI) trunk group via ANI or via direct Centralized Automated Message Accounting (CAMA) trunks to the appropriate E911 tandem switch.
- 4.2.16 ACN shall maintain the individual telephone number and the correct corresponding address/location data, including maintaining the End User listed address as the actual physical End User location in the E911 Automatic Location Identification (ALI) Database.
- 4.2.17 ACN will be responsible and liable for any errors resulting from the submission of invalid telephone number and address/location data for the CLEC's End Users.
- 4.3 **Tandem Switching**
- 4.3.1 The Tandem Switching capability Network Element is defined as: (i) trunk-connect facilities, which include, but are not limited to, the connection between trunk termination at a cross connect panel and switch trunk card; (ii) the basic switch trunk function of connecting trunks to trunks; and (iii) the functions that are centralized in the Tandem Switches (as distinguished from separate end office switches), including but not limited to call recording, the routing of calls to operator services and signaling conversion features.

4.3.1.1 Where ACN utilizes portions of the BellSouth network in originating or terminating traffic, the Tandem Switching rates are applied in call scenarios where the Tandem Switching Network Element has been utilized. Because switch recordings cannot accurately indicate on a per call basis when the Tandem Switching Network Element has been utilized for an interoffice call originating from a UNE port and terminating to a BellSouth, Independent Company or Facility-Based CLEC office, BellSouth has developed, based upon call studies, a melded rate that takes into account the average percentage of calls that utilize Tandem Switching in these scenarios. BellSouth shall apply the melded Tandem Switching rate for every call in these scenarios. BellSouth shall utilize the melded Tandem Switching Rate until BellSouth has the capability to measure actual Tandem Switch usage in each call scenario specifically mentioned above, at which point the rate for the actual Tandem Switch usage shall apply. The UNE Call Flows set forth on BellSouth's website, as amended from time to time and incorporated herein by this reference, illustrate when the full or melded Tandem Switching rates apply for specific scenarios.

4.3.2 Technical Requirements

4.3.2.1 Tandem Switching shall have the same capabilities or equivalent capabilities as those described in Telcordia TR-TSY-000540 Issue 2R2, Tandem Supplement, June 1, 1990. The requirements for Tandem Switching include but are not limited to the following:

4.3.2.1.1 Tandem Switching shall provide signaling to establish a tandem connection;

4.3.2.1.2 Tandem Switching will provide screening as jointly agreed to by ACN and BellSouth;

4.3.2.1.3 Where applicable, Tandem Switching shall provide AIN triggers supporting AIN features where such routing is not available from the originating end office switch, to the extent such Tandem switch has such capability;

4.3.2.1.4 Where applicable, Tandem Switching shall provide access to Toll Free number database;

4.3.2.1.5 Tandem Switching shall provide connectivity to Public Safety Answering Point (PSAP)s where 911 solutions are deployed and the tandem is used for 911; and

4.3.2.1.6 Where appropriate, Tandem Switching shall provide connectivity for the purpose of routing transit traffic to and from other carriers.

4.3.2.2 BellSouth may perform testing and fault isolation on the underlying switch that is providing Tandem Switching. Such testing shall be testing routinely performed by BellSouth. The results and reports of the testing shall be made available to ACN.

- 4.3.2.3 BellSouth shall control congestion points and network abnormalities. All traffic will be restricted in a non-discriminatory manner.
- 4.3.2.4 Tandem Switching shall process originating toll free traffic received from ACN's local switch.
- 4.3.2.5 In support of AIN triggers and features, Tandem Switching shall provide SSP capabilities when these capabilities are not available from the Local Switching Network Element to the extent such Tandem Switch has such capability.
- 4.3.3 Upon ACN's purchase of overflow trunk groups, Tandem Switching shall provide an alternate routing pattern for ACN's traffic overflowing from direct end office high usage trunk groups.
- 4.4 **AIN Selective Carrier Routing for Operator Services, Directory Assistance and Repair Centers**
- 4.4.1 Where BellSouth provides local switching to ACN, BellSouth will provide AIN Selective Carrier Routing (AIN SCR) at the request of ACN. AIN SCR will provide ACN with the capability of routing operator calls, 0+ and 0- and 0+ NPA Local Numbering Plan Area (LNPA), 555-1212 directory assistance, 1+411 directory assistance and 611 repair center calls to pre-selected destinations.
- 4.4.2 ACN shall order AIN SCR through its Account Team and/or Local Contract Manager. AIN SCR must first be established regionally and then on a per central office per state basis.
- 4.4.3 AIN SCR is not available in DMS 10 switches.
- 4.4.4 Where AIN SCR is utilized by ACN, the routing of ACN's End User calls shall be pursuant to information provided by ACN and stored in BellSouth's AIN SCR Service Control Point database. AIN SCR shall utilize a set of Line Class Codes (LCCs) unique to a basic class of service assigned on an "as needed" basis. The same LCCs will be assigned in each central office where AIN SCR is established.
- 4.4.5 Upon ordering AIN SCR Regional Service, ACN shall remit to BellSouth the Regional Service Order nonrecurring charges set forth in Exhibit A of this Attachment. There shall be a nonrecurring End Office Establishment Charge per office due at the addition of each central office where AIN SCR will be utilized. Said nonrecurring charge shall be as set forth in Exhibit A of this Attachment. For each ACN End User activated, there shall be a nonrecurring End User Establishment charge as set forth in Exhibit A of this Attachment. ACN shall pay the AIN SCR Per Query Charge set forth in Exhibit A of this Attachment.
- 4.4.6 This Regional Service Order nonrecurring charge will be non-refundable and will be paid with one half due up-front with the submission of all fully completed

required forms including: Regional Selective Carrier Routing (SCR) Order Request-Form A, Central Office AIN SCRSCR Order Request - Form B, AIN SCR Central Office Identification Form - Form C, AIN SCR Routing Options Selection Form - Form D, and Routing Combinations Table - Form E. BellSouth has thirty (30) calendar days to respond to ACN's fully completed firm order as a Regional Service Order. With the delivery of this firm order response to ACN, BellSouth considers that the delivery schedule of this service commences. The remaining half of the Regional Service Order payment must be paid when at least ninety (90) percent of the Central Offices listed on the original order have been turned up for the service.

- 4.4.7 The nonrecurring End Office Establishment Charge will be billed to ACN following BellSouth's normal monthly billing cycle for this type of order.
- 4.4.8 End-User Establishment Orders will not be turned-up until the second payment is received for the Regional Service Order. The nonrecurring End-User Establishment Charges will be billed to ACN following BellSouth's normal monthly billing cycle for this type of order.
- 4.4.9 Additionally, the AIN SCR Per Query Charge will be billed to ACN following the normal billing cycle for per query charges.
- 4.4.10 All other network components needed, for example, unbundled switching, unbundled local transport, etc., will be billed per contracted rates.

4.5 Selective Call Routing Using Line Class Codes (SCR-LCC)

- 4.5.1 Where ACN purchases unbundled local switching from BellSouth and utilizes an operator services provider other than BellSouth, BellSouth will route ACN's End User calls to that provider through Selective Call Routing.
- 4.5.2 Selective Call Routing using Line Class Codes (SCR-LCC) provides the capability for ACN to have its Operator Call Processing/Directory Assistance (OCP/DA) calls routed to BellSouth's OCP/DA platform for BellSouth provided Custom Branded or Unbranded OCP/DA or to its own or an alternate OCP/DA platform for Self-Branded OCP/DA. SCR-LCC is only available if line class code capacity is available in the requested BellSouth end office switches.
- 4.5.3 Custom Branding for Directory Assistance (DA) is not available for certain classes of service, including but not limited to Hotel/Motel services, WATS service, and certain PBX services.
- 4.5.4 Where available, ACN specific and unique LCCs are programmed in each BellSouth end office switch where ACN intends to serve End Users with customized OCP/DA branding. The LCCs specifically identify ACN's End Users so OCP/DA calls can be routed over the appropriate trunk group to the requested

OCP/DA platform. Additional LCCs are required in each end office if the end office serves multiple NPAs (i.e., a unique LCC is required per NPA), and/or if the end office switch serves multiple rate areas and ACN intends to provide ACN - branded OCP/DA to its End Users in these multiple rate areas.

- 4.5.5 SCR-LCC supporting Custom Branding and Self Branding require ACN to order dedicated trunking from each BellSouth end office identified by ACN, either to the BellSouth Traffic Operator Position System (TOPS) for Custom Branding or to the ACN Operator Service Provider for Self Branding. Separate trunk groups are required for Operator Services and for DA. Rates for trunks are set forth in applicable BellSouth tariffs.
- 4.5.6 Unbranding - Unbranded DA and/or OCP calls ride common trunk groups provisioned by BellSouth from those end offices identified by ACN to the BellSouth TOPS.
- 4.5.7 The Rates for SCR-LCC are as set forth in this Attachment. There is a nonrecurring charge for the establishment of each LCC in each BellSouth central office. Furthermore, for Unbranded and Custom Branded OCP/DA provided by BellSouth Operator Services with unbundled ports and unbundled port/loop switch combinations, monthly recurring usage charges shall apply for the UNEs necessary to provide the service, such as end office and tandem switching and common transport. A flat rated end office switching charge shall apply to Self-Branded OCP/DA when used in conjunction with unbundled ports and unbundled port/loop switch combinations.

5 Unbundled Network Element Combinations

- 5.1 For purposes of this Section, references to “Currently Combined” Network Elements shall mean that the particular Network Elements requested by ACN are in fact already combined by BellSouth in the BellSouth network. References to “Ordinarily Combined” Network Elements shall mean that the particular Network Elements requested by ACN are not already combined by BellSouth in the location requested by ACN but are elements that are typically combined in BellSouth’s network. References to “Not Typically Combined” Network Elements shall mean that the particular Network Elements requested by ACN are not elements that BellSouth combines for its use in its network.
- 5.1.1 Upon request, BellSouth shall perform the functions necessary to combine unbundled Network Elements in any manner, even if those elements are not ordinarily combined in BellSouth’s network, provided that such combination is technically feasible and will not undermine the ability of other carriers to obtain access to unbundled Network Elements or to interconnect with BellSouth’s network.

5.2 Enhanced Extended Links (EELs)

- 5.2.1 EELs are combinations of unbundled Loops and unbundled dedicated transport as defined in this Attachment, together with any facilities, equipment, or functions necessary to combine those Network Elements. BellSouth shall provide ACN with EELs where the underlying UNEs are available and in all instances where the requesting carrier meets the eligibility requirements, if applicable.
- 5.2.2 High-capacity EELs are combinations of loop and transport UNEs or commingled loop and transport facilities at the DS1 and/or DS3 level as described in 47 CFR 51.318(b). High-capacity EELs must comply with the service eligibility requirements set forth in 5.2.4 below.
- 5.2.3 By placing an order for a high-capacity EEL, ACN thereby certifies that the service eligibility criteria set forth herein are met for access to a converted high-capacity EEL, a new high-capacity EEL, or part of a high-capacity commingled EEL as a UNE. BellSouth shall have the right to audit ACN's high-capacity EELs as specified below.
- 5.2.4 If a high-capacity EEL or Ordinarily Combined Network Element is not readily available but can be made available through routine network modifications, as defined by the FCC, ACN may request BellSouth to perform such routine network modifications. The request may not be used to place fiber. Each request will be handled as a project on an individual case basis. BellSouth will provide a price quote for the request, and upon receipt of payment by ACN, BellSouth shall perform the routine network modifications.
- 5.2.5 Service Eligibility Criteria
- 5.2.5.1 ACN must certify for each high-capacity EEL that all of the following service eligibility criteria are met:
- 5.2.5.1.1 ACN has received state certification to provide local voice service in the area being served;
- 5.2.5.2 For each combined circuit, including each DS1 circuit, each DS1 EEL, and each DS1-equivalent circuit on a DS3 EEL:
- 5.2.5.2.1 1) Each circuit to be provided to each End User will be assigned a local number prior to the provision of service over that circuit;
- 5.2.5.2.2 2) Each DS1-equivalent circuit on a DS3 EEL must have its own local number assignment so that each DS3 must have at least twenty-eight (28) local voice numbers assigned to it;
- 5.2.5.2.3 3) Each circuit to be provided to each End User will have 911 or E911 capability prior to provision of service over that circuit;

- 5.2.5.2.4 4) Each circuit to be provided to each End User will terminate in a collocation arrangement that meets the requirements of 47 CFR 51.318(c);
- 5.2.5.2.5 5) Each circuit to be provided to each End User will be served by an interconnection trunk over which <customer short name> will transmit the calling party's number in connection with calls exchanged over the trunk;
- 5.2.5.2.6 6) For each twenty-four (24) DS1 EELs or other facilities having equivalent capacity, ACN will have at least one (1) active DS1 local service interconnection trunk over which <customer short name> will transmit the calling party's number in connection with calls exchanged over the trunk;
- 5.2.5.2.7 7) Each circuit to be provided to each End User will be served by a switch capable of switching local voice traffic.
- 5.2.6 BellSouth may, on an annual basis, audit ACN's records in order to verify compliance with the qualifying service eligibility criteria. The audit shall be conducted by a third party independent auditor, and the audit must be performed in accordance with the standards established by the American Institute for Certified Public Accountants (AICPA). To the extent the independent auditor's report concludes that ACN failed to comply with the service eligibility criteria, ACN must true-up any difference in payments, convert all noncompliant circuits to the appropriate service, and make the correct payments on a going-forward basis. In the event the auditor's report concludes that , ACN did not comply in any material respect with the service eligibility criteria, ACN shall reimburse BellSouth for the cost of the independent auditor. To the extent the auditor's report concludes that ACN did comply in all material respects with the service eligibility criteria, BellSouth will reimburse ACN for its reasonable and demonstrable costs associated with the audit. ACN will maintain appropriate documentation to support its certifications.
- 5.2.7 In the event ACN converts special access services to UNEs, ACN shall be subject to the termination liability provisions in the applicable special access tariffs, if any.

5.3 UNE Port/Loop Combinations

- 5.3.1 Combinations of port and loop unbundled Network Elements along with switching and transport unbundled Network Elements provide local exchange service for the origination or termination of calls. Port/loop combinations support the same local calling and feature requirements as described in the Unbundled Local Switching or Port section of this Attachment and the ability to presubscribe to a primary carrier for intraLATA toll service and/or to presubscribe to a primary carrier for interLATA toll service.
- 5.3.2 BellSouth is not required to provide combinations of port and loop Network Elements on an unbundled basis in locations where, pursuant to FCC and

Commission rules, BellSouth is not required to provide local circuit switching as an unbundled Network Element.

- 5.3.3 BellSouth shall not be required to provide local circuit switching as a UNE in density Zone 1, as defined in 47 CFR 69.123 as of January 1, 1999 of the Atlanta, GA; Miami, FL; Orlando, FL; Ft. Lauderdale, FL; Charlotte-Gastonia-Rock Hill, NC; Greensboro-Winston Salem-High Point, NC; Nashville, TN; and New Orleans, LA, MSAs to ACN if ACN's customer has four (4) or more DS0 equivalent lines.
- 5.3.4 BellSouth shall not be required to provide local circuit switching as a UNE or combination of UNEs if the End User is being served by a BellSouth DS1 or higher capacity Loop in any service area covered by this Agreement. To the extent that ACN is serving any End User as described above as of October 2, 2003, such arrangement may not remain in place any longer than April 1, 2004, after which such arrangement must be terminated by ACN or BellSouth shall convert such arrangement to tariff pricing. The filing of this Agreement with the applicable Commission shall constitute the filing of the joint transition plan specified by the FCC.
- 5.3.5 BellSouth shall make 911 updates in the BellSouth 911 database for ACN's UNE port/Loop combinations. BellSouth will not bill ACN for 911 surcharges. ACN is responsible for paying all 911 surcharges to the applicable governmental agency.

5.4 Rates

- 5.4.1 The rates for the Currently Combined Network Elements specifically set forth in Exhibit A of this Attachment shall be the rates associated with such combinations. Where a Currently Combined combination is not specifically set forth in Exhibit A, the rate for such Currently Combined combination of Network Elements shall be the sum of the recurring rates for those individual Network Elements in addition to the applicable non-recurring switch-as-is charge set forth in Exhibit A.
- 5.4.2 The rates for the Ordinarily Combined Network Elements specifically set forth in Exhibit A of this Attachment shall be the non-recurring and recurring charges for those combinations. Where an Ordinarily Combined combination is not specifically set forth in Exhibit A, the rate for such Ordinarily Combined combination of Network Elements shall be the sum of the recurring and non-recurring rates for those individual Network Elements as set forth in Exhibit A.
- 5.4.3 Except as set forth in this Section 5, BellSouth shall provide UNE port/loop combinations specifically set forth in Exhibit A that are Currently Combined or Ordinarily Combined in BellSouth's network at the cost-based rates in Exhibit A.
- 5.4.4 BellSouth shall provide other Currently Combined and Ordinarily Combined and Not Typically Combined UNE Combinations to ACN in addition to those

specifically referenced in this Section 5 above, where available. To the extent ACN requests a combination for which BellSouth does not have rates and methods and procedures in place to provide such combination, rates and/or methods and procedures for such combination will be developed pursuant to the BFR/NBR process.

6 Transport, Channelization and Dark Fiber

6.1 Transport

- 6.1.1 BellSouth shall provide nondiscriminatory access, in accordance with FCC Rules 51.311, 51.319, and Section 251(c)(3) of the Act to interoffice transmission facilities described in this Section 6 on an unbundled basis to ACN for the provision of a qualifying service, as set forth herein.
 - 6.1.1.1 Dedicated Transport is defined as BellSouth's interoffice transmission facilities, dedicated to a particular customer or carrier that ACN uses for transmission between wire centers or switches owned by BellSouth and within the same LATA.
 - 6.1.1.2 Dark Fiber Transport, defined as BellSouth's optical transmission facilities without attached signal regeneration, multiplexing, aggregation or other electronics, between wire centers or switches owned by BellSouth and within the same LATA;
 - 6.1.1.3 Common (Shared) Transport, defined as transmission facilities shared by more than one carrier, including BellSouth, between end office switches, between end office switches and tandem switches, and between tandem switches, in BellSouth's network. Where BellSouth Network Elements are connected by intraoffice wiring, such wiring is provided as part of the Network Element and is not Common (Shared) Transport.
 - 6.1.1.3.1 Notwithstanding any other provision of this Agreement, BellSouth will only provide unbundled access to Common (Shared) Transport to the extent BellSouth is required to provide and is providing unbundled Local Circuit Switching to ACN.
- 6.1.2 BellSouth shall:
 - 6.1.2.1 Provide ACN exclusive use of Dedicated Transport to a particular customer or carrier, or shared use of the features, functions, and capabilities of interoffice transmission facilities shared by more than one customer or carrier;
 - 6.1.2.2 Provide all technically feasible features, functions, and capabilities of the transport facility;
 - 6.1.2.3 Permit, to the extent technically feasible, ACN to connect such interoffice facilities to equipment designated by ACN, including but not limited to, ACN's collocated facilities; and

- 6.1.2.4 Permit, to the extent technically feasible, ACN to obtain the functionality provided by BellSouth's digital cross-connect systems.
- 6.1.3 Technical Requirements of Common (Shared) Transport
- 6.1.3.1 Common (Shared) Transport provided on DS1, DS3, and STS-1 circuits shall at a minimum meet the performance, availability, jitter, and delay requirements specified for Central Office to Central Office (CO to CO) connections in the applicable industry standards.
- 6.1.3.2 BellSouth shall be responsible for the engineering, provisioning, and maintenance of the underlying equipment and facilities that are used to provide Common (Shared) Transport.
- 6.1.3.3 At a minimum, Common (Shared) Transport shall meet all of the requirements set forth in the applicable industry standards.
- 6.2 **Dedicated Transport**
- 6.2.1 BellSouth shall offer Dedicated Transport in each of the following ways:
- 6.2.1.1 As capacity on a shared UNE facility.
- 6.2.1.2 As a circuit (e.g., DS0, DS1, DS3) dedicated to ACN.
- 6.2.2 Dedicated Transport may be provided over facilities such as optical fiber, copper twisted pair, and coaxial cable, and shall include transmission equipment such as line terminating equipment, amplifiers, and regenerators.
- 6.2.3 ACN may obtain a maximum of twelve (12) unbundled dedicated DS3 circuits, or their equivalent, for any single route at the UNE rates set forth in Exhibit A for which dedicated DS3 transport is available as unbundled transport. Additional capacity may be purchased pursuant to the rates, terms and conditions as set forth in the applicable tariff. A route is defined as a transmission path between one of BellSouth's wire centers or switches and another of BellSouth's wire centers or switches. A route between two (2) points may pass through one or more intermediate wire centers or switches. Transmission paths between identical end points are the same "route", irrespective of whether they pass through the same intermediate wire centers or switches, if any.
- 6.2.4 Any request to re-terminate one end of a circuit will require the issuance of new service and disconnection of the existing service and the applicable charges in Exhibit A shall apply, and the re-terminated circuit shall be considered a new circuit as of the installation date.
- 6.2.5 If Dedicated Transport is not readily available but can be made available through routine network modifications, as defined by the FCC, ACN may request

BellSouth to perform such routine network modifications. The request may not be used to place fiber. Each request will be handled as a project on an individual case basis. BellSouth will provide a price quote for the request, and upon receipt of payment by ACN, BellSouth shall perform the routine network modifications.

6.2.6 Technical Requirements

6.2.6.1 The entire designated transmission service (e.g., DS0, DS1, DS3) shall be dedicated to ACN designated traffic.

6.2.6.2 For DS1 or DS3 circuits, Dedicated Transport shall at a minimum meet the performance, availability, jitter, and delay requirements specified for Customer Interface to Central Office (CI to CO) connections in the applicable industry standards.

6.2.6.3 BellSouth shall offer the following interface transmission rates for Dedicated Transport:

6.2.6.3.1 DS0 Equivalent;

6.2.6.3.2 DS1;

6.2.6.3.3 DS3; and

6.2.6.3.4 SDH (Synchronous Digital Hierarchy) Standard interface rates are in accordance with International Telecommunications Union (ITU) Recommendation G.707 and Plesiochronous Digital Hierarchy (PDH) rates per ITU Recommendation G.704.

6.2.6.4 BellSouth shall design Dedicated Transport according to its network infrastructure. ACN shall specify the termination points for Dedicated Transport.

6.2.6.5 At a minimum, Dedicated Transport shall meet each of the requirements set forth in the applicable industry technical references.

6.2.6.6 BellSouth Technical References:

6.2.6.6.1 TR-TSY-000191 Alarm Indication Signals Requirements and Objectives, Issue 1, May 1986.

6.2.6.6.2 TR 73501 LightGate® Service Interface and Performance Specifications, Issue D, June 1995.

6.2.6.6.3 TR 73525 MegaLink® Service, MegaLink Channel Service and MegaLink Plus Service Interface and Performance Specifications, Issue C, May 1996.

6.3 Unbundled Channelization (Multiplexing)

- 6.3.1 Unbundled Channelization (UC) provides the optional multiplexing capability that will allow a DS1 (1.544 Mbps) or DS3 (44.736 Mbps) or STS-1 (51.84 Mbps) UNE or collocation cross connect to be multiplexed or channelized at a BellSouth central office. Channelization can be accomplished through the use of a multiplexer or a digital cross connect system at the discretion of BellSouth. Once UC has been installed, ACN may request channel activation on an as needed basis and BellSouth shall connect the requested facilities via Central Office Channel Interfaces (COCIs). The COCI must be compatible with the lower capacity facility and ordered with the lower capacity facility. This service is available as defined in NECA 4.
- 6.3.2 BellSouth shall make available the following channelization systems and interfaces:
- 6.3.2.1 DS1 Channelization System: channelizes a DS1 signal into a maximum of twenty-four (24) DS0s. The following Central Office Channel Interfaces (COCI) are available: Voice Grade, Digital Data and ISDN.
- 6.3.2.2 DS3 Channelization System: channelizes a DS3 signal into a maximum of twenty-eight (28) DS1s. A DS1 COCI is available with this system.
- 6.3.2.3 STS-1 Channelization System: channelizes a STS-1 signal into a maximum of twenty-eight (28) DS1s. A DS1 COCI is available with this system.
- 6.3.2.4 AMI and B8ZS line coding with either Super Frame (SF) and Extended Super Frame (ESF) framing formats will be supported as an optional feature on DS1 facilities.
- 6.3.3 Technical Requirements
- 6.3.3.1 In order to assure proper operation with BellSouth provided central office multiplexing functionality, ACN's channelization equipment must adhere strictly to form and protocol standards. ACN must also adhere to such applicable industry standards for the multiplex channel bank, for voice frequency encoding, for various signaling schemes, and for sub rate digital access.
- 6.3.3.2 TR 73501 LightGate[®] Service Interface and Performance Specifications, Issue D, June 1995
- 6.4 Dark Fiber Transport
- 6.4.1 Dark Fiber Transport is strands of optical fiber existing in aerial or underground structure. BellSouth will not provide line terminating elements, regeneration or other electronics necessary for ACN to utilize Dark Fiber Transport.
- 6.4.2 If Dark Fiber Transport is not readily available but can be made available through routine network modifications, as defined by the FCC, ACN may request

BellSouth to perform such routine network modifications. The request may not be used to place fiber. Each request will be handled as a project on an individual case basis. BellSouth will provide a price quote for the request, and upon receipt of payment by ACN, BellSouth shall perform the routine network modifications.

6.4.3 Requirements

6.4.3.1 BellSouth shall make available Dark Fiber Transport where it exists in BellSouth's network and where, as a result of future building or deployment, it becomes available. Dark Fiber Transport will not be deemed available if (1) it is used by BellSouth for maintenance and repair purposes, (2) it is designated for use pursuant to a firm order placed by another customer, (3) it is restricted for use by all carriers, including BellSouth, because of transmission problems or because it is scheduled for removal due to documented changes to roads and infrastructure, or (4) BellSouth has plans to use the fiber within a two-year planning period. BellSouth is not required to place fibers for Dark Fiber Transport if there are none available.

6.4.3.2 ACN is solely responsible for testing the quality of the Dark Fiber Transport to determine its usability and performance specifications.

6.4.3.3 BellSouth shall use its best efforts to provide to ACN information regarding the location, availability and performance of Dark Fiber Transport within ten (10) business days after receiving a request from ACN. Within such time period, BellSouth shall send written confirmation of availability of the Dark Fiber Transport.

6.4.3.4 If the requested Dark Fiber Transport is available, BellSouth shall use its commercially reasonable efforts to provision the Dark Fiber Transport to ACN within twenty (20) business days after ACN submits a valid, error free LSR. Provisioning includes identification of appropriate connection points (e.g., LGX) to enable ACN to connect ACN provided transmission media (e.g., optical fiber) or equipment to the Dark Fiber Transport.

7 Databases

7.1 Call Related Databases are the databases set forth in this Attachment, other than OSS, that are used in signaling networks for billing and collection, or the transmission, routing or other provision of a telecommunications service. Notwithstanding anything to the contrary herein, BellSouth shall only provide unbundled access to BellSouth Switched Access (SWA) 8XX Toll Free Dialing Ten Digit Screening Service, Line Information Database (LIDB), Signaling, Signaling Link Transport, Signaling Transfer Points, SS7 AIN Access, Service Control Point\Databases, Local Number Portability Databases, SS7 Network Interconnection, and Calling Name (CNAM) Database Service at the prices set

forth herein where BellSouth is required to provide and is providing unbundled access to local circuit switching to ACN.

- 7.2 To the extent unbundled local circuit switching is converted to market based switching pursuant to Section 4.2.2 of this Attachment, BellSouth may, at its discretion, provide access to BellSouth Switched Access (SWA) 8XX Toll Free Dialing Ten Digit Screening Service, LIDB, Signaling, Signaling Link Transport, Signaling Transfer Points, SS7 AIN Access, Service Control Point\Databases, Local Number Portability Databases, SS7 Network Interconnection, Calling Name (CNAM) at market based rates pursuant to a separate agreement or tariff.

8 BellSouth Switched Access (SWA) 8XX Toll Free Dialing Ten Digit Screening Service

- 8.1 The BellSouth SWA 8XX Toll Free Dialing Ten Digit Screening Service database (8XX SCP Database) is a SCP that contains customer record information and the functionality to provide call-handling instructions for 8XX calls. The 8XX SCP IN software stores data downloaded from the national SMS/8XX database and provides the routing instructions in response to queries from the SSP or tandem. The BellSouth SWA 8XX Toll Free Dialing Ten Digit Screening Service (8XX TFD Service) utilizes the 8XX SCP Database to provide identification and routing of the 8XX calls, based on the ten digits dialed. At ACN's option, 8XX TFD Service is provided with or without POTS number delivery, dialing number delivery, and other optional complex features as selected by ACN.
- 8.2 The 8XX SCP Database is designated to receive and respond to queries using the ANSI Specification of Signaling System Seven (SS7) protocol.

9 Line Information Database

- 9.1 LIDB is a transaction-oriented database accessible through Common Channel Signaling (CCS) networks. For access to LIDB, ACN must purchase appropriate signaling links pursuant to Section 10 of this Attachment. LIDB contains records associated with End User Line Numbers and Special Billing Numbers. LIDB accepts queries from other Network Elements and provides appropriate responses. The query originator need not be the owner of LIDB data. LIDB queries include functions such as screening billed numbers that provides the ability to accept Collect or Third Number Billing calls and validation of Telephone Line Number based non-proprietary calling cards. The interface for the LIDB functionality is the interface between BellSouth's CCS network and other CCS networks. LIDB also interfaces to administrative systems.
- 9.2 Technical Requirements
- 9.2.1 BellSouth will offer to ACN any additional capabilities that are developed for LIDB during the life of this Agreement.

- 9.2.2 BellSouth shall process ACN's customer records in LIDB at least at parity with BellSouth customer records, with respect to other LIDB functions. BellSouth shall indicate to ACN what additional functions (if any) are performed by LIDB in the BellSouth network.
- 9.2.3 Within two (2) weeks after a request by ACN, BellSouth shall provide ACN with a list of the customer data items, which ACN would have to provide in order to support each required LIDB function. The list shall indicate which data items are essential to LIDB function and which are required only to support certain services. For each data item, the list shall show the data formats, the acceptable values of the data item and the meaning of those values.
- 9.2.4 BellSouth shall provide LIDB systems for which operating deficiencies that would result in calls being blocked shall not exceed thirty (30) minutes per year.
- 9.2.5 BellSouth shall provide LIDB systems for which operating deficiencies that would not result in calls being blocked shall not exceed twelve (12) hours per year.
- 9.2.6 BellSouth shall provide LIDB systems for which the LIDB function shall be in overload no more than twelve (12) hours per year.
- 9.2.7 All additions, updates and deletions of ACN data to the LIDB shall be solely at the direction of ACN. Such direction from ACN will not be required where the addition, update or deletion is necessary to perform standard fraud control measures (e.g., calling card auto-deactivation).
- 9.2.8 BellSouth shall provide priority updates to LIDB for ACN data upon ACN's request (e.g., to support fraud detection), via password-protected telephone card, facsimile, or electronic mail within one hour of notice from the established BellSouth contact.
- 9.2.9 BellSouth shall provide LIDB systems such that no more than 0.01% of ACN customer records will be missing from LIDB, as measured by ACN audits. BellSouth will audit ACN records in LIDB against Data Base Administration System (DBAS) to identify record mismatches and provide this data to a designated ACN contact person to resolve the status of the records and BellSouth will update system appropriately. BellSouth will refer record of mismatches to ACN within one (1) business day of audit. Once reconciled records are received back from ACN, BellSouth will update LIDB the same business day if less than 500 records are received before 1:00PM Central Time. If more than 500 records are received, BellSouth will contact ACN to negotiate a time frame for the updates, not to exceed three business days.
- 9.2.10 BellSouth shall perform backup and recovery of all of ACN's data in LIDB including sending to LIDB all changes made since the date of the most recent backup copy, in at least the same time frame BellSouth performs backup and

recovery of BellSouth data in LIDB for itself. Currently, BellSouth performs backups of the LIDB for itself on a weekly basis; and when a new software release is scheduled, a backup is performed prior to loading the new release.

- 9.2.11 BellSouth shall provide ACN with LIDB reports of data which are missing or contain errors, as well as any misrouted errors, within a reasonable time period as negotiated between ACN and BellSouth.
- 9.2.12 BellSouth shall prevent any access to or use of ACN data in LIDB by BellSouth personnel that are outside of established administrative and fraud control personnel, or by any other Party that is not authorized by ACN in writing.
- 9.2.13 BellSouth shall provide ACN performance of the LIDB Data Screening function, which allows a LIDB to completely or partially deny specific query originators access to LIDB data owned by specific data owners, for Customer Data that is part of an NPA-NXX or RAO-0/1XX wholly or partially owned by ACN at least at parity with BellSouth Customer Data. BellSouth shall obtain from ACN the screening information associated with LIDB Data Screening of ACN data in accordance with this requirement. BellSouth currently does not have LIDB Data Screening capabilities. When such capability is available, BellSouth shall offer it to ACN under the BFR/NBR process as set forth in Attachment 11.
- 9.2.14 BellSouth shall accept queries to LIDB associated with ACN customer records and shall return responses in accordance with industry standards.
- 9.2.15 BellSouth shall provide mean processing time at the LIDB within 0.50 seconds under normal conditions as defined in industry standards.
- 9.2.16 BellSouth shall provide processing time at the LIDB within 1 second for 99% of all messages under normal conditions as defined in industry standards.

9.3 Interface Requirements

- 9.3.1 BellSouth shall offer LIDB in accordance with the requirements of this subsection.
- 9.3.2 The interface to LIDB shall be in accordance with the technical references contained within.
- 9.3.3 The CCS interface to LIDB shall be the standard interface described herein.
- 9.3.4 The LIDB Data Base interpretation of the ANSI-TCAP messages shall comply with the technical reference herein. Global Title Translation (GTT) shall be maintained in the signaling network in order to support signaling network routing to the LIDB.
- 9.3.5 The application of the LIDB rates contained in Exhibit A to this Attachment will be based on a Percent CLEC LIDB Usage (PCLU) factor. ACN shall provide

BellSouth a PCLU. The PCLU will be applied to determine the percentage of total LIDB usage to be billed to the other Party at local rates. ACN shall update its PCLU on the first of January, April, July and October and shall send it to BellSouth to be received no later than thirty (30) calendar days after the first of each such month based on local usage for the past three months ending the last day of December, March, June and September, respectively. Requirements associated with PCLU calculation and reporting shall be as set forth in BellSouth's Jurisdictional Factors Reporting Guide, as it is amended from time to time.

10 Signaling

10.1 BellSouth shall offer access to signaling and access to BellSouth's signaling databases subject to compatibility testing and at the rates set forth in this Attachment. BellSouth may provide mediated access to BellSouth signaling systems and databases. Available signaling elements include signaling links, signal transfer points and service control points. Signaling functionality will be available with both A-link and B-link connectivity.

10.2 Signaling Link Transport

10.2.1 Signaling Link Transport is a set of two (2) or four (4) dedicated 56 kbps transmission paths between ACN designated Signaling Points of Interconnection that provide appropriate physical diversity.

10.2.2 Technical Requirements

10.2.3 Signaling Link Transport shall consist of full duplex mode 56 kbps transmission paths and shall perform in the following two ways:

10.2.3.1 As an "A-link" Signaling Link Transport is a connection between a switch or SCP and a home Signaling Transfer Point switch pair; and

10.2.3.2 As a "B-link" Signaling Link Transport is a connection between two Signaling Transfer Point switch pairs in different company networks (e.g., between two Signaling Transfer Point switch pairs for two CLECs).

10.2.4 Signaling Link Transport shall consist of two (2) or more signaling link layers as follows:

10.2.4.3 An A-link layer shall consist of two (2) links.

10.2.4.4 A B-link layer shall consist of four (4) links.

10.2.4.5 A signaling link layer shall satisfy interoffice and intraoffice diversity of facilities and equipment, such that:

10.2.4.6 No single failure of facilities or equipment causes the failure of both links in an A-link layer (i.e., the links should be provided on a minimum of two (2) separate physical paths end-to-end); and

10.2.4.7 No two (2) concurrent failures of facilities or equipment shall cause the failure of all four (4) links in a B-link layer (i.e., the links should be provided on a minimum of three separate physical paths end-to-end).

10.2.5 Interface Requirements

10.2.5.8 There shall be a DS1 (1.544 Mbps) interface at ACN's designated SPOIs. Each 56 kbps transmission path shall appear as a DS0 channel within the DS1 interface.

10.3 Signaling Transfer Points

10.3.1 A STP is a signaling network function that includes all of the capabilities provided by the signaling transfer point switches (STPS) and their associated signaling links that enables the exchange of SS7 messages among and between switching elements, database elements and signaling transfer point switches.

10.3.2 Technical Requirements

10.3.2.9 STPs shall provide access to BellSouth Local Switching or Tandem Switching and to BellSouth Service Control Points/Databases connected to BellSouth SS7 network. STPs also provide access to third-party local or tandem switching and third-party-provided STPs.

10.3.2.10 The connectivity provided by STPs shall fully support the functions of all other Network Elements connected to the BellSouth SS7 network. This includes the use of the BellSouth SS7 network to convey messages that neither originate nor terminate at a signaling end point directly connected to the BellSouth SS7 network (i.e., transit messages). When the BellSouth SS7 network is used to convey transit messages, there shall be no alteration of the Integrated Services Digital Network User Part or Transaction Capabilities Application Part (TCAP) user data that constitutes the content of the message.

10.3.2.11 If a BellSouth tandem switch routes traffic, based on dialed or translated digits, on SS7 trunks between a ACN local switch and third party local switch, the BellSouth SS7 network shall convey the TCAP messages that are necessary to provide Call Management features (Automatic Callback, Automatic Recall, and Screening List Editing) between ACN local STPs and the STPs that provide connectivity with the third party local switch, even if the third party local switch is not directly connected to BellSouth STPs.

10.3.2.12 STPs shall provide all functions of the SCCP necessary for Class 0 (basic connectionless) service as defined in Telcordia ANSI Interconnection

Requirements. This includes GTT and SCCP Management procedures, as specified in ANSI T1.112.4. Where the destination signaling point is a ACN or third party local or tandem switching system directly connected to BellSouth SS7 network, BellSouth shall perform final GTT of messages to the destination and SCCP Subsystem Management of the destination. In all other cases, BellSouth shall perform intermediate GTT of messages to a gateway pair of STPs in an SS7 network connected with BellSouth SS7 network and shall not perform SCCP Subsystem Management of the destination. If BellSouth performs final GTT to a ACN database, then ACN agrees to provide BellSouth with the Destination Point Code for ACN database.

10.3.2.13 STPs shall provide all functions of the Operations, Maintenance and Administration Part (OMAP) as specified in applicable industry standard technical references, which may include, where available in BellSouth's network, MTP Routing Verification Test (MRVT) and SCCP Routing Verification Test (SRVT).

10.3.2.14 Where the destination signaling point is a BellSouth local or tandem switching system or database, or is a ACN or third party local or tandem switching system directly connected to the BellSouth SS7 network, STPs shall perform MRVT and SRVT to the destination signaling point. In all other cases, STPs shall perform MRVT and SRVT to a gateway pair of STPs in an SS7 network connected with the BellSouth SS7 network. This requirement may be superseded by the specifications for Internetwork MRVT and SRVT when these become approved ANSI standards and available capabilities of BellSouth STPs.

10.4 SS7

10.4.1 When technically feasible and upon request by ACN, SS7 AIN Access shall be made available in association with switching. SS7 AIN Access is the provisioning of AIN 0.1 triggers in an equipped BellSouth local switch and interconnection of the BellSouth SS7 network with ACN's SS7 network to exchange TCAP queries and responses with a ACN SCP.

10.4.2 SS7 AIN Access shall provide ACN SCP access to an equipped BellSouth local switch via interconnection of BellSouth's SS7 and ACN SS7 Networks. BellSouth shall offer SS7 AIN Access through its STPs. If BellSouth requires a mediation device on any part of its network specific to this form of access, BellSouth must route its messages in the same manner. The interconnection arrangement shall result in the BellSouth local switch recognizing the ACN SCP as at least at parity with BellSouth's SCPs in terms of interfaces, performance and capabilities.

10.4.3 Interface Requirements

10.4.3.15 BellSouth shall provide the following STP options to connect ACN or ACN-designated local switching systems to the BellSouth SS7 network:

- 10.4.3.15.1 An A-link interface from ACN local switching systems; and,
- 10.4.3.15.2 A B-link interface from ACN local STPs.
- 10.4.3.16 Each type of interface shall be provided by one or more layers of signaling links.
- 10.4.3.17 The Signaling Point of Interconnection for each link shall be located at a cross-connect element in the CO where the BellSouth STP is located. There shall be a DS1 or higher rate transport interface at each of the SPOIs. Each signaling link shall appear as a DS0 channel within the DS1 or higher rate interface.
- 10.4.3.18 BellSouth shall provide intraoffice diversity between the SPOI and BellSouth STPs so that no single failure of intraoffice facilities or equipment shall cause the failure of both B-links in a layer connecting to a BellSouth STP.
- 10.4.3.19 STPs shall provide all functions of the MTP as defined in the applicable industry standard technical references.
- 10.4.4 Message Screening
- 10.4.4.20 BellSouth shall set message screening parameters so as to accept valid messages from ACN local or tandem switching systems destined to any signaling point within BellSouth's SS7 network where the ACN switching system has a valid signaling relationship.
- 10.4.4.21 BellSouth shall set message screening parameters so as to pass valid messages from ACN local or tandem switching systems destined to any signaling point or network accessed through BellSouth's SS7 network where the ACN switching system has a valid signaling relationship.
- 10.4.4.22 BellSouth shall set message screening parameters so as to accept and pass/send valid messages destined to and from ACN from any signaling point or network interconnected through BellSouth's SS7 network where the ACN SCP has a valid signaling relationship.
- 10.5 Service Control Points (SCP)/Databases
- 10.5.1 Call Related Databases provide the storage of, access to, and manipulation of information required to offer a particular service and/or capability. BellSouth shall provide access to the following Databases: Local Number Portability, LIDB, Toll Free Number Database, Automatic Location Identification/Data Management System, and Calling Name Database. BellSouth also provides access to Service Creation Environment and Service Management System (SCE/SMS) application databases and Directory Assistance.
- 10.5.2 A SCP is deployed in a SS7 network that executes service application logic in response to SS7 queries sent to it by a switching system also connected to the SS7

network. Service Management Systems provide operational interfaces to allow for provisioning, administration and maintenance of subscriber data and service application data stored in SCPs.

10.5.3 Technical Requirements for SCPs/Databases

10.5.3.23 BellSouth shall provide physical access to SCPs through the SS7 network and protocols with TCAP as the application layer protocol.

10.5.3.24 BellSouth shall provide physical interconnection to databases via industry standard interfaces and protocols (e.g. SS7, ISDN and X.25).

10.5.3.25 The reliability of interconnection options shall be consistent with requirements for diversity and survivability.

10.6 Local Number Portability Database

10.6.1 The Permanent Number Portability (PNP) database supplies routing numbers for calls involving numbers that have been ported from one local service provider to another. BellSouth agrees to provide access to the PNP database at rates, terms and conditions as set forth by BellSouth and in accordance with an effective FCC or Commission directive.

10.7 SS7 Network Interconnection

10.7.1 SS7 Network Interconnection is the interconnection of ACN local signaling transfer point switches or ACN local or tandem switching systems with BellSouth signaling transfer point switches. This interconnection provides connectivity that enables the exchange of SS7 messages among BellSouth switching systems and databases, ACN local or tandem switching systems, and other third-party switching systems directly connected to the BellSouth SS7 network.

10.7.2 The connectivity provided by SS7 Network Interconnection shall fully support the functions of BellSouth switching systems and databases and ACN or other third-party switching systems with A-link access to the BellSouth SS7 network.

10.7.3 If traffic is routed based on dialed or translated digits between a ACN local switching system and a BellSouth or other third-party local switching system, either directly or via a BellSouth tandem switching system, then it is a requirement that the BellSouth SS7 network convey via SS7 Network Interconnection the TCAP messages that are necessary to provide Call Management services (Automatic Callback, Automatic Recall, and Screening List Editing) between the ACN local signaling transfer point switches and BellSouth or other third-party local switch.

- 10.7.4 SS7 Network Interconnection shall provide:
 - 10.7.4.1 Signaling Data Link functions, as specified in ANSI T1.111.2;
 - 10.7.4.2 Signaling Link functions, as specified in ANSI T1.111.3; and
 - 10.7.4.3 Signaling Network Management functions, as specified in ANSI T1.111.4.
- 10.7.5 SS7 Network Interconnection shall provide all functions of the SCCP necessary for Class 0 (basic connectionless) service as specified in ANSI T1.112. This includes GTT and SCCP Management procedures as specified in ANSI T1.112.4. Where the destination signaling point is a BellSouth switching system or DB, or is another third-party local or tandem switching system directly connected to the BellSouth SS7 network, SS7 Network Interconnection shall include final GTT of messages to the destination and SCCP Subsystem Management of the destination. Where the destination signaling point is a ACN local or tandem switching system, SS7 Network Interconnection shall include intermediate GTT of messages to a gateway pair of ACN local STPs and shall not include SCCP Subsystem Management of the destination.
- 10.7.6 SS7 Network Interconnection shall provide all functions of the Integrated Services Digital Network User Part as specified in ANSI T1.113.
- 10.7.7 SS7 Network Interconnection shall provide all functions of the TCAP as specified in ANSI T1.114.
- 10.7.8 If Internetwork MRVT and SRVT become approved ANSI standards and available capabilities of BellSouth STPs, SS7 Network Interconnection may provide these functions of the OMAP.
- 10.7.9 Interface Requirements
 - 10.7.9.1 The following SS7 Network Interconnection interface options are available to connect ACN or ACN-designated local or tandem switching systems or signaling transfer point switches to the BellSouth SS7 network:
 - 10.7.9.1.1 A-link interface from ACN local or tandem switching systems; and
 - 10.7.9.1.2 B-link interface from ACN STPs.
 - 10.7.9.2 The Signaling Point of Interconnection for each link shall be located at a cross-connect element in the central office where the BellSouth STP is located. There shall be a DS1 or higher rate transport interface at each of the Signaling Points of interconnection. Each signaling link shall appear as a DS0 channel within the DS1 or higher rate interface.

- 10.7.9.3 BellSouth shall provide intraoffice diversity between the Signaling Points of Interconnection and the BellSouth STP, so that no single failure of intraoffice facilities or equipment shall cause the failure of both B-links in a layer connecting to a BellSouth STP.
- 10.7.9.4 The protocol interface requirements for SS7 Network Interconnection include the MTP, ISDNUP, SCCP, and TCAP. These protocol interfaces shall conform to the applicable industry standard technical references.
- 10.7.9.5 BellSouth shall set message screening parameters to accept messages from ACN local or tandem switching systems destined to any signaling point in the BellSouth SS7 network with which the ACN switching system has a valid signaling relationship.

11 Automatic Location Identification/Data Management System (ALI/DMS)

- 11.1 The ALI/DMS Database contains End User information (including name, address, telephone information, and sometimes special information from the local service provider or End User) used to determine to which PSAP to route the call. The ALI/DMS database is used to provide enhanced routing flexibility for E911. ACN will be required to provide BellSouth daily updates to E911 database. ACN shall also be responsible for providing BellSouth with complete and accurate data for submission to the 911/E911 database for the purpose of providing 911/E911 service to its End Users.
- 11.2 Technical Requirements
- 11.2.1 BellSouth shall provide ACN the capability of providing updates to the ALI/DMS database. BellSouth shall provide error reports from the ALI/DMS database to ACN after ACN provides End User information for input into the ALI/DMS database.
- 11.2.2 ACN shall conform to the National Emergency Number Association (NENA) recommended standards for LNP and updating the ALI/DMS database.

12 Calling Name Database Service

- 12.1 CNAM is the ability to associate a name with the calling party number, allowing the End User (to which a call is being terminated) to view the calling party's name before the call is answered. The calling party's information is accessed by queries launched to the CNAM database. This service also provides ACN the opportunity to load and store its subscriber names in the BellSouth CNAM SCPs.
- 12.2 ACN shall submit to BellSouth a notice of its intent to access and utilize BellSouth CNAM Database Services. Said notice shall be in writing no less than sixty (60)

calendar days prior to ACN's access to BellSouth's CNAM Database Services and shall be addressed to ACN's Local Contract Manager.

- 12.3 BellSouth's provision of CNAM Database Services to ACN requires interconnection from ACN to BellSouth CNAM SCPs. Such interconnections shall be established pursuant to Attachment 3 of this Agreement.
- 12.4 In order to formulate a CNAM query to be sent to the BellSouth CNAM SCP, ACN shall provide its own CNAM SSP. ACN's CNAM SSPs must be compliant with TR-NWT-001188, "CLASS Calling Name Delivery Generic Requirements".
- 12.5 If ACN elects to access the BellSouth CNAM SCP via a third party CCS7 transport provider, the third party CCS7 provider shall interconnect with the BellSouth CCS7 network according to BellSouth's Common Channel Signaling Interconnection Guidelines and Telcordia's CCS Network Interface Specification document, TR-TSV-000905. In addition, the third party provider shall establish CCS7 interconnection at the BellSouth Local Signal Transfer Points (LSTPs) serving the BellSouth CNAM SCPs that ACN desires to query.
- 12.6 If ACN queries the BellSouth CNAM SCP via a third party national SS7 transport provider, the third party SS7 provider shall interconnect with the BellSouth CCS7 network according to BellSouth's Common Channel Signaling Interconnection Guidelines and Telcordia's CCS Network Interface Specification document, TR-TSV-000905. In addition, the third party provider shall establish SS7 interconnection at one or more of the BellSouth Gateway STPs. The payment of all costs associated with the transport of SS7 signals via a third party will be established by mutual agreement of the Parties and this Agreement shall be amended in accordance with modification of the General Terms and Conditions incorporated herein by this reference.
- 12.7 The mechanism to be used by ACN for initial CNAM record load and/or updates shall be determined by mutual agreement. The initial load and all updates shall be provided by ACN in the BellSouth specified format and shall contain records for every working telephone number that can originate phone calls. It is the responsibility of ACN to provide accurate information to BellSouth on a current basis.
- 12.8 Updates to the SMS shall occur no less than once a week, reflect service order activity affecting either name or telephone number, and involve only record additions, deletions or changes.
- 12.9 ACN CNAM records provided for storage in the BellSouth CNAM SCP shall be available, on a SCP query basis only, to all Parties querying the BellSouth CNAM SCP. Further, CNAM service shall be provided by each Party consistent with state and/or federal regulation.

13 Service Creation Environment and Service Management System (SCE/SMS)
Advanced Intelligent Network Access

- 13.1 BellSouth's SCE/SMS AIN Access shall provide ACN the capability to create service applications in a BellSouth SCE and deploy those applications in a BellSouth SMS to a BellSouth SCP.
- 13.2 BellSouth's SCE/SMS AIN Access shall provide access to SCE hardware, software, testing and technical support (e.g., help desk, system administrator) resources available to ACN. Training, documentation, and technical support will address use of SCE and SMS access and administrative functions but will not include support for the creation of a specific service application.
- 13.3 BellSouth SCP shall partition and protect ACN service logic and data from unauthorized access.
- 13.4 When ACN selects SCE/SMS AIN Access, BellSouth shall provide training, documentation, and technical support to enable ACN to use BellSouth's SCE/SMS AIN Access to create and administer applications.
- 13.5 ACN access will be provided via remote data connection (e.g., dial-in, ISDN).
- 13.6 BellSouth shall allow ACN to download data forms and/or tables to BellSouth SCP via BellSouth SMS without intervention from BellSouth.

14 Operational Support Systems

- 14.1 BellSouth has developed and made available electronic interfaces by which ACN may submit LSRs electronically.
- 14.2 LSRs submitted by means of one of these electronic interfaces will incur an OSS electronic ordering charge. An individual LSR will be identified for billing purposes by its Purchase Order Number (PON). LSRs submitted by means other than one of these interactive interfaces (mail, fax, courier, etc.) will incur a manual order charge. All OSS charges are specified in Exhibit A of this Attachment.
- 14.3 Denial/Restoral OSS Charge
- 14.3.1 In the event ACN provides a list of customers to be denied and restored, rather than an LSR, each location on the list will require a separate PON and therefore will be billed as one LSR per location.
- 14.4 Cancellation OSS Charge
- 14.4.1 ACN will incur an OSS charge for an accepted LSR that is later canceled.

- 14.5 Supplements or clarifications to a previously billed LSR will not incur another OSS charge.
- 14.6 Network Elements and Other Services Manual Additive
 - 14.6.1 The Commissions in some states have ordered per element manual additive nonrecurring charges (NRC) for Network Elements and Other Services ordered by means other than one of the interactive interfaces. These ordered Network Elements and Other Services manual additive NRCs will apply in these states, rather than the charge per LSR. The per element charges are listed in Exhibit A.

UNBUNDLED NETWORK ELEMENTS - Alabama												Attachment: 3		Exhibit: A				
CATEGORY	RATE ELEMENTS				Interim	Zone	BCS	USOC	RATES (\$)				Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l
									Rec	Nonrecurring		Nonrecurring Disconnect		OSS Rates (\$)				
										First	Add'l	First	Add'l	SOMEc	SOMAN	SOMAN	SOMAN	SOMAN
The "Zone" shown in the sections for stand-alone loops or loops as part of a combination refers to Geographically Deaveraged UNE Zones. To view Geographically Deaveraged UNE Zone Designations by Central Office, refer to internet Website: http://www.interconnection.bellsouth.com/become_a_clec/html/interconnection.htm																		
OPERATIONAL SUPPORT SYSTEMS (OSS) - "REGIONAL RATES"																		
NOTE: (1) CLEC should contact its contract negotiator if it prefers the "state specific" OSS charges as ordered by the State Commissions. The OSS charges currently contained in this rate exhibit are the BellSouth "regional" service ordering charges. CLEC may elect either the state specific Commission ordered rates for the service ordering charges, or CLEC may elect the regional service ordering charge, however, CLEC can not obtain a mixture of the two regardless if CLEC has a interconnection contract established in each of the 9 states.																		
NOTE: (2) Any element that can be ordered electronically will be billed according to the SOMEc rate listed in this category. Please refer to BellSouth's Local Ordering Handbook (LOH) to determine if a product can be ordered electronically. For those elements that cannot be ordered electronically at present per the LOH, the listed SOMEc rate in this category reflects the charge that would be billed to a CLEC once electronic ordering capabilities come on-line for that element. Otherwise, the manual ordering charge, SOMAN, will be applied to a CLECs bill when it submits an LSR to BellSouth.																		
	OSS - Electronic Service Order Charge, Per Local Service Request (LSR) - UNE Only							SOMEc		3.50	0.00	3.50	0.00					
	OSS - Manual Service Order Charge, Per Local Service Request (LSR) - UNE Only							SOMAN		15.66	0.00	1.97	0.00					
UNE SERVICE DATE ADVANCEMENT CHARGE																		
NOTE: The Expedite charge will be maintained commensurate with BellSouth's FCC No.1 Tariff, Section 5 as applicable.																		
				UAL, UEANL, UCL, UEF, UDF, UEQ, UDL, UENTW, UDN, UEA, UHL, ULC, USL, U1T12, U1T48, U1TD1, U1TD3, U1TDX, U1TO3, U1TS1, U1TVX, UC1BC, UC1BL, UC1CC, UC1CL, UC1DC, UC1DL, UC1EC, UC1EL, UC1FC, UC1FL, UC1GC, UC1GL, UC1HC, UC1HL, UDL12, UDL48, UDL03, UDSLX, UE3, ULD12, ULD48, ULDD1, ULDD3, ULDDX, ULDO3, ULDS1, ULDVX, UNC1X, UNC3X, UNCDX, UNCNX, UNCSX, UNCVX, UNLD1, UNLD3, UXTD1, UXTD3, UXTS1, U1TUC, U1TUD, U1TUB, U1TUA														
	UNE Expedite Charge per Circuit or Line Assignable USOC, per Day							SDASP		200.00								
UNBUNDLED EXCHANGE ACCESS LOOP																		
2-WIRE ANALOG VOICE GRADE LOOP																		
	2-Wire Analog Voice Grade Loop - Service Level 1- Zone 1					1	UEANL	UEAL2		12.58	37.81	17.56	23.49	5.30				
	2-Wire Analog Voice Grade Loop - Service Level 1- Zone 2					2	UEANL	UEAL2		21.05	37.81	17.56	23.49	5.30				
	2-Wire Analog Voice Grade Loop - Service Level 1- Zone 3					3	UEANL	UEAL2		34.34	37.81	17.56	23.49	5.30				
	2-Wire Analog Voice Grade Loop - Service Level 1- Zone 1					1	UEANL	UEASL		12.58	37.81	17.56	23.49	5.30				
	2-Wire Analog Voice Grade Loop - Service Level 1- Zone 2					2	UEANL	UEASL		21.05	37.81	17.56	23.49	5.30				
	2-Wire Analog Voice Grade Loop - Service Level 1- Zone 3					3	UEANL	UEASL		34.34	37.81	17.56	23.49	5.30				
	Unbundled Miscellaneous Rate Element, Tag Loop at End User Premise						UEANL	URETL		8.33	0.83							
	Loop Testing - Basic 1st Half Hour						UEANL	URET1		34.16	34.16							
	Loop Testing - Basic Additional Half Hour						UEANL	URETA		19.85	19.85							

UNBUNDLED NETWORK ELEMENTS - Alabama												Attachment: 3		Exhibit: A						
CATEGORY	RATE ELEMENTS					Interim	Zone	BCS	USOC	RATES (\$)				Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l	
										Rec	Nonrecurring		Nonrecurring Disconnect		OSS Rates (\$)					
											First	Add'l	First	Add'l	SOMEc	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN
		CLEC to CLEC Conversion Charge Without Outside Dispatch (UVL-SL1)			UEANL	UREWO					15.78	8.94								
		Unbundled Voice Loop, Non-Design Voice Loop, billing for BST providing make-up (Engineering Information - E.I.)			UEANL	UEANM					13.44									
		Manual Order Coordination for UVL-SL1s (per loop)			UEANL	UEAMC					8.15	8.15								
		Order Coordination for Specified Conversion Time for UVL-SL1 (per LSR)			UEANL	OCOSL					18.09									
	2-WIRE Unbundled COPPER LOOP																			
		2-Wire Unbundled Copper Loop - Non-Designed Zone 1	I	1	UEQ	UEQ2X	11.20	34.14	15.10	21.25	4.15									
		2 Wire Unbundled Copper Loop - Non-Designed - Zone 2	I	2	UEQ	UEQ2X	13.27	34.14	15.10	21.25	4.15									
		2 Wire Unbundled Copper Loop - Non-Designed - Zone 3	I	3	UEQ	UEQ2X	15.07	34.14	15.10	21.25	4.15									
		Unbundled Miscellaneous Rate Element, Tag Loop at End User Premise			UEQ	URETL	8.33	0.83												
		Manual Order Coordination 2 Wire Unbundled Copper Loop - Non-Designed (per loop)			UEQ	USBMC	8.15													
		Unbundled Copper Loop, Non-Design Copper Loop, billing for BST providing make-up (Engineering Information - E.I.)			UEQ	UEQMU	13.44													
		Loop Testing - Basic 1st Half Hour			UEQ	URET1	34.16	34.16												
		Loop Testing - Basic Additional Half Hour			UEQ	URETA	19.85	19.85												
		CLEC to CLEC Conversion Charge Without Outside Dispatch (UCL-ND)			UEQ	UREWO	14.27	7.43												
UNBUNDLED EXCHANGE ACCESS LOOP																				
	2-WIRE ANALOG VOICE GRADE LOOP																			
		2 Wire Analog Voice Grade Loop-Service Level 1-Line Splitting-Zone 1		1	UEPSR UEPSB	UEALS	12.58	37.81	17.56	23.49	5.30									
		2 Wire Analog Voice Grade Loop-Service Level 1-Line Splitting-Zone 1		1	UEPSR UEPSB	UEABS	12.58	37.81	17.56	23.49	5.30									
		2 Wire Analog Voice Grade Loop- Service Level 1-Line Splitting-Zone 2		2	UEPSR UEPSB	UEALS	21.05	37.81	17.56	23.49	5.30									
		2 Wire Analog Voice Grade Loop- Service Level 1-Line Splitting-Zone 2		2	UEPSR UEPSB	UEABS	21.05	37.81	17.56	23.49	5.30									
		2 Wire Analog Voice Grade Loop-Service Level 1-Line Splitting-Zone 3		3	UEPSR UEPSB	UEALS	34.34	37.81	17.56	23.49	5.30									
		2 Wire Analog Voice Grade Loop-Service Level 1-Line Splitting-Zone 3		3	UEPSR UEPSB	UEABS	34.34	37.81	17.56	23.49	5.30									
UNBUNDLED EXCHANGE ACCESS LOOP																				
	2-WIRE ANALOG VOICE GRADE LOOP																			
		2-Wire Analog Voice Grade Loop - Service Level 2 w/Loop or Ground Start Signaling - Zone 1		1	UEA	UEAL2	14.38	88.00	55.00	47.24	7.44									
		2-Wire Analog Voice Grade Loop - Service Level 2 w/Loop or Ground Start Signaling - Zone 2		2	UEA	UEAL2	22.85	88.00	55.00	47.24	7.44									
		2-Wire Analog Voice Grade Loop - Service Level 2 w/Loop or Ground Start Signaling - Zone 3		3	UEA	UEAL2	36.14	88.00	55.00	47.24	7.44									
		Order Coordination for Specified Conversion Time (per LSR)			UEA	OCOSL	18.09													
		2-Wire Analog Voice Grade Loop - Service Level 2 w/Reverse Battery Signaling - Zone 1		1	UEA	UEAR2	14.38	88.00	55.00	47.24	7.44									
		2-Wire Analog Voice Grade Loop - Service Level 2 w/Reverse Battery Signaling - Zone 2		2	UEA	UEAR2	22.85	88.00	55.00	47.24	7.44									
		2-Wire Analog Voice Grade Loop - Service Level 2 w/Reverse Battery Signaling - Zone 3		3	UEA	UEAR2	36.14	88.00	55.00	47.24	7.44									
		Order Coordination for Specified Conversion Time (per LSR)			UEA	OCOSL	18.09													
		CLEC to CLEC Conversion Charge without outside dispatch			UEA	UREWO	87.72	36.36												
		Loop Tagging - Service Level 2 (SL2)			UEA	URETL	11.21	1.10												
	4-WIRE ANALOG VOICE GRADE LOOP																			
		4-Wire Analog Voice Grade Loop - Zone 1		1	UEA	UEAL4	25.34	131.97	94.51	59.14	14.50									
		4-Wire Analog Voice Grade Loop - Zone 2		2	UEA	UEAL4	38.58	131.97	94.51	59.14	14.50									
		4-Wire Analog Voice Grade Loop - Zone 3		3	UEA	UEAL4	60.02	131.97	94.51	59.14	14.50									
		Order Coordination for Specified Conversion Time (per LSR)			UEA	OCOSL	18.09													
		CLEC to CLEC Conversion Charge without outside dispatch			UEA	UREWO	87.72	36.36												

UNBUNDLED NETWORK ELEMENTS - Alabama											Attachment: 3		Exhibit: A						
CATEGORY	RATE ELEMENTS					Interim	Zone	BCS	USOC	RATES (\$)				Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l
										Rec	Nonrecurring		Nonrecurring Disconnect				OSS Rates (\$)		
											First	Add'l	First	Add'l	SOMECH	SOMAN	SOMAN	SOMAN	SOMAN
		2-WIRE ISDN DIGITAL GRADE LOOP																	
		2-Wire ISDN Digital Grade Loop - Zone 1						1	UDN	U1L2X	21.88	117.24	79.77	52.88	10.54				
		2-Wire ISDN Digital Grade Loop - Zone 2						2	UDN	U1L2X	32.85	117.24	79.77	52.88	10.54				
		2-Wire ISDN Digital Grade Loop - Zone 3						3	UDN	U1L2X	48.55	117.24	79.77	52.88	10.54				
		Order Coordination For Specified Conversion Time (per LSR)							UDN	OCOSL	18.09								
		CLEC to CLEC Conversion Charge without outside dispatch							UDN	UREWO	91.63	44.16							
		2-WIRE ASYMMETRICAL DIGITAL SUBSCRIBER LINE (ADSL) COMPATIBLE LOOP																	
		2 Wire Unbundled ADSL Loop including manual service inquiry & facility reservation - Zone 1						1	UAL	UAL2X	11.01	110.00	68.00	47.24	7.44				
		2 Wire Unbundled ADSL Loop including manual service inquiry & facility reservation - Zone 2						2	UAL	UAL2X	12.73	110.00	68.00	47.24	7.44				
		2 Wire Unbundled ADSL Loop including manual service inquiry & facility reservation - Zone 3						3	UAL	UAL2X	14.30	110.00	68.00	47.24	7.44				
		Order Coordination for Specified Conversion Time (per LSR)							UAL	OCOSL	18.09								
		2 Wire Unbundled ADSL Loop without manual service inquiry & facility reservaton - Zone 1						1	UAL	UAL2W	11.01	90.00	57.00	47.24	7.44				
		2 Wire Unbundled ADSL Loop without manual service inquiry & facility reservaton - Zone 2						2	UAL	UAL2W	12.73	90.00	57.00	47.24	7.44				
		2 Wire Unbundled ADSL Loop without manual service inquiry & facility reservaton - Zone 3						3	UAL	UAL2W	14.30	90.00	57.00	47.24	7.44				
		Order Coordination for Specified Conversion Time (per LSR)							UAL	OCOSL	18.09								
		CLEC to CLEC Conversion Charge without outside dispatch							UAL	UREWO	86.20	40.40							
		2-WIRE HIGH BIT RATE DIGITAL SUBSCRIBER LINE (HDSL) COMPATIBLE LOOP																	
		2 Wire Unbundled HDSL Loop including manual service inquiry & facility reservation - Zone 1						1	UHL	UHL2X	8.74	110.00	68.00	47.24	7.44				
		2 Wire Unbundled HDSL Loop including manual service inquiry & facility reservation - Zone 2						2	UHL	UHL2X	10.17	110.00	68.00	47.24	7.44				
		2 Wire Unbundled HDSL Loop including manual service inquiry & facility reservation - Zone 3						3	UHL	UHL2X	11.44	110.00	68.00	47.24	7.44				
		Order Coordination for Specified Conversion Time (per LSR)							UHL	OCOSL	18.09								
		2 Wire Unbundled HDSL Loop without manual service inquiry and facility reservation - Zone 1						1	UHL	UHL2W	8.74	90.00	57.00	47.24	7.44				
		2 Wire Unbundled HDSL Loop without manual service inquiry and facility reservation - Zone 2						2	UHL	UHL2W	10.17	90.00	57.00	47.24	7.44				
		2 Wire Unbundled HDSL Loop without manual service inquiry and facility reservation - Zone 3						3	UHL	UHL2W	11.44	90.00	57.00	47.24	7.44				
		Order Coordination for Specified Conversion Time (per LSR)							UHL	OCOSL	18.09								
		CLEC to CLEC Conversion Charge without outside dispatch							UHL	UREWO	86.14	40.40							
		4-WIRE HIGH BIT RATE DIGITAL SUBSCRIBER LINE (HDSL) COMPATIBLE LOOP																	
		4 Wire Unbundled HDSL Loop including manual service inquiry and facility reservation - Zone 1						1	UHL	UHL4X	13.95	148.36	68.00	51.70	9.73				
		4-Wire Unbundled HDSL Loop including manual service inquiry and facility reservation - Zone 2						2	UHL	UHL4X	15.56	148.36	68.00	51.70	9.73				
		4-Wire Unbundled HDSL Loop including manual service inquiry and facility reservation - Zone 3						3	UHL	UHL4X	15.25	148.36	68.00	51.70	9.73				
		Order Coordination for Specified Conversion Time (per LSR)							UHL	OCOSL	18.09								
		4-Wire Unbundled HDSL Loop without manual service inquiry and facility reservation - Zone 1						1	UHL	UHL4W	13.95	94.00	57.00	51.70	9.73				
		4-Wire Unbundled HDSL Loop without manual service inquiry and facility reservation - Zone 2						2	UHL	UHL4W	15.56	94.00	57.00	51.70	9.73				
		4-Wire Unbundled HDSL Loop without manual service inquiry and facility reservation - Zone 3						3	UHL	UHL4W	15.25	94.00	57.00	51.70	9.73				
		Order Coordination for Specified Conversion Time (per LSR)							UHL	OCOSL	18.09								
		CLEC to CLEC Conversion Charge without outside dispatch							UHL	UREWO	86.14	40.40							
		4-WIRE DS1 DIGITAL LOOP																	
		4-Wire DS1 Digital Loop - Zone 1						1	USL	USLXX	82.55	252.47	157.54	44.70	11.71				
		4-Wire DS1 Digital Loop - Zone 2						2	USL	USLXX	154.18	252.47	157.54	44.70	11.71				
		4-Wire DS1 Digital Loop - Zone 3						3	USL	USLXX	314.52	252.47	157.54	44.70	11.71				
		Order Coordination for Specified Conversion Time (per LSR)							USL	OCOSL	18.09								

UNBUNDLED NETWORK ELEMENTS - Alabama											Attachment: 3		Exhibit: A			
CATEGORY	RATE ELEMENTS					Interim	Zone	BCS	USOC	RATES (\$)	Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l

UNBUNDLED NETWORK ELEMENTS - Alabama											Attachment: 3		Exhibit: A						
CATEGORY	RATE ELEMENTS					Interim	Zone	BCS	USOC	RATES (\$)				Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l
</																			

UNBUNDLED NETWORK ELEMENTS - Alabama											Attachment: 3		Exhibit: A			
CATEGORY	RATE ELEMENTS				Interim	Zone	BCS	USOC	RATES (\$)		Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l
																</

UNBUNDLED NETWORK ELEMENTS - Alabama												Attachment: 3		Exhibit: A		
CATEGORY	RATE ELEMENTS		Interim	Zone	BCS	USOC	RATES (\$)				Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l
							Rec	Nonrecurring		Nonrecurring Disconnect		OSS Rates (\$)				
								First	Add'l	First	Add'l	SOMEc	SOMAN	SOMAN	SOMAN	SOMAN
		Line Share Service, TRO per line activation, CLEC owned splitter - Central Office Located (25% of UCLND) - please see NOTE 1 (E:10/2/2003)			ULS	ULSCT	2.80	47.44	19.31	20.02	9.83					
		Line Share Service, TRO per line activation, CLEC owned splitter - Central Office Located (50% of UCLND) - please see NOTE 1 (E:10/2/2004)			ULS	ULSCT	5.60	47.44	19.31	20.02	9.83					
		Line Share Service, TRO per line activation, CLEC owned splitter - Central Office Located (75% of UCLND) - please see NOTE 1 (E:10/2/2005)			ULS	ULSCT	8.40	47.44	19.31	20.02	9.83					
	LINE SPLITTING															
	END USER ORDERING-CENTRAL OFFICE BASED															
		Line Splitting - per line activation DLEC owned splitter			UEPSR UEPSB	UREOS	0.61									
		Line Splitting - per line activation BST owned - physical			UEPSR UEPSB	UREBP	0.61	37.01	21.19	20.02	9.83					
		Line Splitting - per line activation BST owned - virtual			UEPSR UEPSB	UREBV	0.61	37.01	21.19	20.02	9.83					
	MAINTENANCE															
		No Trouble Found - per 1/2 hour increments - Basic						80.00	55.00							
		No Trouble Found - per 1/2 hour increments - Overtime						120.00	82.50							
		No Trouble Found - per 1/2 hour increments - Premium						160.00	110.00							
UNBUNDLED DEDICATED TRANSPORT																
	INTEROFFICE CHANNEL - DEDICATED TRANSPORT															
		Interoffice Channel - Dedicated Transport - 2-Wire Voice Grade - Per Mile per month			U1TVX	1L5XX	0.008838									
		Interoffice Channel - Dedicated Transport- 2- Wire Voice Grade - Facility Termination			U1TVX	U1TV2	21.13	40.54	27.41	16.74	6.90					
		Interoffice Channel - Dedicated Transport - 2-Wire Voice Grade Rev Bat. - Per Mile per month			U1TVX	1L5XX	0.008838									
		Interoffice Channel - Dedicated Transport- 2- Wire VG Rev Bat. - Facility Termination			U1TVX	U1TR2	21.13	40.54	27.41	16.74	6.90					
		Interoffice Channel - Dedicated Transport - 4-Wire Voice Grade - Per Mile per month			U1TVX	1L5XX	0.008838									
		Interoffice Channel - Dedicated Transport - 4- Wire Voice Grade - Facility Termination			U1TVX	U1TV4	18.73	40.54	27.41	16.74	6.90					
		Interoffice Channel - Dedicated Transport - 56 kbps - per mile per month			U1TDX	1L5XX	0.008838									
		Interoffice Channel - Dedicated Transport - 56 kbps - Facility Termination			U1TDX	U1TD5	15.12	40.54	27.41	16.74	6.90					
		Interoffice Channel - Dedicated Transport - 64 kbps - per mile per month			U1TDX	1L5XX	0.008838									
		Interoffice Channel - Dedicated Transport - 64 kbps - Facility Termination			U1TDX	U1TD6	15.12	40.54	27.41	16.74	6.90					
		Interoffice Channel - Dedicated Channel - DS1 - Per Mile per month			U1TD1	1L5XX	0.18									
		Interoffice Channel - Dedicated Tranport - DS1 - Facility Termination			U1TD1	U1TF1	60.16	89.27	81.81	16.35	14.44					
		Interoffice Channel - Dedicated Transport - DS3 - Per Mile per month			U1TD3	1L5XX	4.09									
		Interoffice Channel - Dedicated Transport - DS3 - Facility Termination per month			U1TD3	U1TF3	703.52	278.75	162.76	60.20	28.46					
		Interoffice Channel - Dedicated Transport - STS-1 - Per Mile per month			U1TS1	1L5XX	4.09									
		Interoffice Channel - Dedicated Transport - STS-1 - Facility Termination			U1TS1	U1TFS	701.37	278.75	162.76	60.20	28.46					
DARK FIBER																
		Dark Fiber, Four Fiber Strands, Per Route Mile or Fraction Thereof per month - Interoffice Channel			UDF, UDFCX	1L5DF	23.29									
		NRC Dark Fiber - Interoffice Channel			UDF, UDFCX	UDF14		639.09	137.87	317.06	197.66					
		Dark Fiber, Four Fiber Strands, Per Route Mile or Fraction Thereof per month - Local Loop			UDF, UDFCX	1L5DL	60.32									
		NRC Dark Fiber - Local Loop			UDF, UDFCX	UDFL4		639.09	137.87	317.06	197.66					

UNBUNDLED NETWORK ELEMENTS - Alabama											Attachment: 3		Exhibit: A		
CATEGORY	RATE ELEMENTS	Interim	Zone	BCS	USOC	RATES (\$)				Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l
						Rec	Nonrecurring		Nonrecurring Disconnect		OSS Rates (\$)				
							First	Add'l	First	Add'l	SOMEc	SOMAN	SOMAN	SOMAN	SOMAN
8XX ACCESS TEN DIGIT SCREENING															
	8XX Access Ten Digit Screening, Per Call			OHD		0.00056									
	8XX Access Ten Digit Screening, Reservation Charge Per 8XX Number Reserved			OHD	N8R1X		2.58	0.44							
	8XX Access Ten Digit Screening, Per 8XX No. Established W/O POTS Translations			OHD			5.94	0.81	4.57	0.54					
	8XX Access Ten Digit Screening, Per 8XX No. Established With POTS Translations			OHD	N8FTX		5.94	0.81	4.57	0.54					
	8XX Access Ten Digit Screening, Customized Area of Service Per 8XX Number			OHD	N8FCX		2.58	1.29							
	8XX Access Ten Digit Screening, Multiple InterLATA CXR Routing Per CXR Requested Per 8XX No.			OHD	N8FMX		3.02	1.73							
	8XX Access Ten Digit Screening, Change Charge Per Request			OHD	N8FAX		3.02	0.44							
	8XX Access Ten Digit Screening, Call Handling and Destination Features			OHD	N8FDX		2.58								
	8XX Access Ten Digit Screening, w/ 8FL No. Delivery			OHD		0.000565									
	8XX Access Ten Digit Screening, w/ POTS No. Delivery			OHD		0.000565									
LINE INFORMATION DATA BASE ACCESS (LIDB)															
	LIDB Common Transport Per Query			OQT		0.00002									
	LIDB Validation Per Query			OQU		0.012002									
	LIDB Originating Point Code Establishment or Change			OQT, OQU	NRBPX		34.32		42.08						
SIGNALING (CCS7)															
	CCS7 Signaling Connection, Per 56Kbps Facility					15.46	35.53	35.53	16.44	16.44					
	CCS7 Signaling Termination, Per STP Port			UDB	PT8SX	130.83									
	CCS7 Signaling Usage, Per Call Setup Message					0.0000142									
	CCS7 Signaling Usage, Per TCAP Message			UDB		0.0000569									
	CCS7 Signaling Connection, Per link (A link)			UDB	TPP++	15.46	35.53	35.53	16.44	16.44					
	CCS7 Signaling Connection, Per link (B link) (also known as D link)			UDB	TPP++	15.46	35.53	35.53	16.44	16.44					
	CCS7 Signaling Usage, Per ISUP Message			UDB		0.0000142									
	CCS7 Signaling Usage Surrogate, per link per LATA			UDB	STU56	650.33									
	CCS7 Signaling Point Code, per Originating Point Code Establishment or Change, per STP affected			UDB	CCAPO		29.01	29.01	35.57	35.57					
E911 SERVICE															
	Local Channel - Dedicated - 2-wr Voice Grade					13.97	193.10	33.17	36.64	3.20					
	Interoffice Transport - Dedicated - 2-wr Voice Grade Per Mile					0.008838									
	Interoffice Transport - Dedicated - 2-wr Voice Grade Per Facility Termination					21.13	40.54	27.41	16.74	6.90					
	Local Channel - Dedicated - DS1 - Zone 1					35.76	177.47	153.72	22.19	15.26					
	Local Channel - Dedicated - DS1 - Zone 2					49.98	177.47	153.72	22.19	15.26					
	Local Channel - Dedicated - DS1 - Zone 3					107.63	177.47	153.72	22.19	15.26					
	Interoffice Transport - Dedicated - DS1 Per Mile					0.18									
	Interoffice Transport - Dedicated - DS1 Per Facility Termination					60.16	89.27	81.81	16.35	14.44					
CALLING NAME (CNAM) SERVICE															
	CNAM For DB Owners - Service Establishment			OQV			22.95		21.11						
	CNAM For Non DB Owners - Service Establishment			OQV			22.95		21.11						
	CNAM For DB Owners - Service Provisioning With Point Code Establishment			OQV			990.88	732.84	268.93	197.74					
	CNAM For Non DB Owners - Service Provisioning With Point Code Establishment			OQV			342.33	245.14	275.25	197.74					
	CNAM for DB Owners, Per Query			OQV		0.000902									
	CNAM for Non DB Owners, Per Query			OQV		0.000902									
SELECTIVE ROUTING															
	Selective Routing Per Unique Line Class Code Per Request Per Switch						84.70	84.70	14.11	14.11					
VIRTUAL COLLOCATION															
	Virtual Collocation-2 Wire Cross Connects (Loop) for Line Splitting			UEPSR UEPSB	VE1LS	0.03	12.30	11.80	6.03	5.44					

UNBUNDLED NETWORK ELEMENTS - Alabama											Attachment: 3		Exhibit: A			
CATEGORY	RATE ELEMENTS		Interim	Zone	BCS	USOC	RATES (\$)				Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l
							Rec	Nonrecurring		Nonrecurring Disconnect		OSS Rates (\$)				
								First	Add'l	First	Add'l	SOMEc	SOMAN	SOMAN	SOMAN	SOMAN
PHYSICAL COLLOCATION																
		Physical Collocation-2 Wire Cross Connects (Loop) for Line Splitting			UEPSR UEPSB	PE1LS	0.03	12.30	11.80	6.03	5.44					
AIN SELECTIVE CARRIER ROUTING																
		Regional Service Establishment			SRC	SRCEC		101,098.91		8,590.70						
		End Office Establishment			SRC	SRCEO		169.88	169.88	1.70	1.70					
		Query NRC, per query			SRC		0.002749									
AIN - BELL SOUTH AIN SMS ACCESS SERVICE																
		AIN SMS Access Service - Service Establishment, Per State, Initial Setup			A1N	CAMSE		39.44	39.44	40.69	40.69					
		AIN SMS Access Service - Port Connection - Dial/Shared Access			A1N	CAMDP		7.83	7.83	9.09	9.09					
		AIN SMS Access Service - Port Connection - ISDN Access			A1N	CAM1P		7.83	7.83	9.09	9.09					
		AIN SMS Access Service - User Identification Codes - Per User ID Code			A1N	CAMAU		35.00	35.00	27.06	27.06					
		AIN SMS Access Service - Security Card, Per User ID Code, Initial or Replacement			A1N	CAMRC		41.88	41.88	11.71	11.71					
		AIN SMS Access Service - Storage, Per Unit (100 Kilobytes)					0.002188									
		AIN SMS Access Service - Session, Per Minute					0.59									
		AIN SMS Access Service - Company Performed Session, Per Minute					0.73									
AIN - BELL SOUTH AIN TOOLKIT SERVICE																
		AIN Toolkit Service - Service Establishment Charge, Per State, Initial Setup			CAM	BAPSC		39.44	39.44	40.69	40.69					
		AIN Toolkit Service - Training Session, Per Customer				BAPVX		4,202.17	4,202.17							
		AIN Toolkit Service - Trigger Access Charge, Per Trigger, Per DN, Term. Attempt				BAPTT		7.83	7.83	9.09	9.09					
		AIN Toolkit Service - Trigger Access Charge, Per Trigger, Per DN, Off-Hook Delay				BAPTD		7.83	7.83	9.09	9.09					
		AIN Toolkit Service - Trigger Access Charge, Per Trigger, Per DN, Off-Hook Immediate				BAPTM		7.83	7.83	9.09	9.09					
		AIN Toolkit Service - Trigger Access Charge, Per Trigger, Per DN, 10-Digit PODP				BAPTO		34.47	34.47	14.36	14.36					
		AIN Toolkit Service - Trigger Access Charge, Per Trigger, Per DN, CDP				BAPTC		34.47	34.47	14.36	14.36					
		AIN Toolkit Service - Trigger Access Charge, Per Trigger, Per DN, Feature Code				BAPTF		34.47	34.47	14.36	14.36					
		AIN Toolkit Service - Query Charge, Per Query					0.05									
		AIN Toolkit Service - Type 1 Node Charge, Per AIN Toolkit Subscription, Per Node, Per Query					0.00582									
		AIN Toolkit Service - SCP Storage Charge, Per SMS Access Account, Per 100 Kilobytes					0.05									
		AIN Toolkit Service - Monthly report - Per AIN Toolkit Service Subscription			CAM	BAPMS	10.17	7.83	7.83	5.50	5.50					
		AIN Toolkit Service - Special Study - Per AIN Toolkit Service Subscription			CAM	BAPLS	2.87	8.66	8.66							
		AIN Toolkit Service - Call Event Report - Per AIN Toolkit Service Subscription			CAM	BAPDS	7.39	7.83	7.83	5.50	5.50					
		AIN Toolkit Service - Call Event Special Study - Per AIN Toolkit Service Subscription			CAM	BAPES	0.10	8.66	8.66							
ENHANCED EXTENDED LINK (EELs)																
NOTE: The monthly recurring and non-recurring charges below will apply and the Switch-As-Is Charge will not apply for UNE combinations provisioned as ' Ordinarily Combined' Network Elements.																
NOTE: The monthly recurring and the Switch-As-Is Charge and not the non-recurring charges below will apply for UNE combinations provisioned as ' Currently Combined' Network Elements.																
EXTENDED 2-WIRE VOICE GRADE EXTENDED LOOP WITH DEDICATED DS1 INTEROFFICE TRANSPORT																
		First 2-Wire VG Loop (SL2) in Combination - Zone 1		1	UNCVX	UEAL2	14.38	88.00	55.00	47.24	7.44					
		First 2-Wire VG Loop (SL2) in Combination - Zone 2		2	UNCVX	UEAL2	22.85	88.00	55.00	47.24	7.44					
		First 2-Wire VG Loop (SL2) in Combination - Zone 3		3	UNCVX	UEAL2	36.14	88.00	55.00	47.24	7.44					
		Interoffice Transport - Dedicated - DS1 combination - Per Mile per month			UNC1X	1L5XX	0.18									

UNBUNDLED NETWORK ELEMENTS - Alabama											Attachment: 3		Exhibit: A				
CATEGORY	RATE ELEMENTS					Interim	Zone	BCS	USOC	RATES (\$)	Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l	
						Rec	Nonrecurring		Nonrecurring Disconnect		OSS Rates (\$)						
							First	Add'l	First	Add'l	SOMEc	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN	
		Interoffice Transport - Dedicated - DS1 combination - Facility Termination per month							UNC1X	U1TF1	60.16	89.27	81.81	16.35	14.44		
		1/0 Channelization System in combination Per Month							UNC1X	MQ1	101.06	91.04	62.57	10.54	9.79		
		Voice Grade COCI - Per Month							UNCVX	1D1VG	0.53	6.58	4.72				
		Each Additional 2-Wire VG Loop (SL 2) in Combination - Zone 1						1	UNCVX	UEAL2	14.38	88.00	55.00	47.24	7.44		
		Each Additional 2-Wire VG Loop (SL 2) in Combination - Zone 2						2	UNCVX	UEAL2	22.85	88.00	55.00	47.24	7.44		
		Each Additional 2-Wire VG Loop (SL 2) in Combination - Zone 3						3	UNCVX	UEAL2	36.14	88.00	55.00	47.24	7.44		
		Voice Grade COCI - Per Month							UNCVX	1D1VG	0.53	6.58	4.72				
		Nonrecurring Currently Combined Network Elements Switch -As-Is Charge							UNC1X	UNCCC		5.59	5.59	6.98	6.98		
EXTENDED 4-WIRE VOICE GRADE EXTENDED LOOP WITH DEDICATED DS1 INTEROFFICE TRANSPORT																	
		First 4-Wire Analog Voice Grade Loop in Combination - Zone 1						1	UNCVX	UEAL4	25.34	131.97	94.51	59.14	14.50		
		First 4-Wire Analog Voice Grade Loop in Combination - Zone 2						2	UNCVX	UEAL4	38.58	131.97	94.51	59.14	14.50		
		First 4-Wire Analog Voice Grade Loop in Combination - Zone 3						3	UNCVX	UEAL4	60.02	131.97	94.51	59.14	14.50		
		Interoffice Transport - Dedicated - DS1 combination - Per Mile Per Month							UNC1X	1L5XX	0.18						
		Interoffice Transport - Dedicated - DS1 - Facility Termination Per Month							UNC1X	U1TF1	60.16	89.27	81.81	16.35	14.44		
		1/0 Channel System in combination Per Month							UNC1X	MQ1	101.06	91.04	62.57	10.54	9.79		
		Voice Grade COCI in combination - per month							UNCVX	1D1VG	0.53	6.58	4.72				
		Additional 4-Wire Analog Voice Grade Loop in same DS1 Interoffice Transport Combination - Zone 1						1	UNCVX	UEAL4	25.34	131.97	94.51	59.14	14.50		
		Additional 4-Wire Analog Voice Grade Loop in same DS1 Interoffice Transport Combination - Zone 2						2	UNCVX	UEAL4	38.58	131.97	94.51	59.14	14.50		
		Additional 4-Wire Analog Voice Grade Loop in same DS1 Interoffice Transport Combination - Zone 3						3	UNCVX	UEAL4	60.02	131.97	94.51	59.14	14.50		
		Additional Voice Grade COCI in combination - per month							UNCVX	1D1VG	0.53	6.58	4.72				
		Nonrecurring Currently Combined Network Elements Switch -As-Is Charge							UNC1X	UNCCC		5.59	5.59	6.98	6.98		
EXTENDED 4-WIRE 56 KBPS EXTENDED DIGITAL LOOP WITH DEDICATED DS1 INTEROFFICE TRANSPORT																	
		First 4-Wire 56Kbps Digital Grade Loop in Combination - Zone 1						1	UNCDX	UDL56	26.09	126.27	88.80	59.14	14.50		
		First 4-Wire 56Kbps Digital Grade Loop in Combination - Zone 2						2	UNCDX	UDL56	35.95	126.27	88.80	59.14	14.50		
		First 4-Wire 56Kbps Digital Grade Loop in Combination - Zone 3						3	UNCDX	UDL56	37.88	126.27	88.80	59.14	14.50		
		Interoffice Transport - Dedicated - DS1 combination - Per Mile Per Month							UNC1X	1L5XX	0.18						
		Interoffice Transport - Dedicated - DS1 - combination Facility Termination Per Month							UNC1X	U1TF1	60.16	89.27	81.81	16.35	14.44		
		1/0 Channel System in combination Per Month							UNC1X	MQ1	101.06	91.04	62.57	10.54	9.79		
		OCU-DP COCI (data) per month (2.4-64kbs)							UNCDX	1D1DD	1.12	6.58	4.72				
		Additional 4-Wire 56Kbps Digital Grade Loop in same DS1 Interoffice Transport Combination - Zone 1						1	UNCDX	UDL56	26.09	126.27	88.80	59.14	14.50		
		Additional 4-Wire 56Kbps Digital Grade Loop in same DS1 Interoffice Transport Combination - Zone 2						2	UNCDX	UDL56	35.95	126.27	88.80	59.14	14.50		
		Additional 4-Wire 56Kbps Digital Grade Loop in same DS1 Interoffice Transport Combination - Zone 3						3	UNCDX	UDL56	37.88	126.27	88.80	59.14	14.50		
		Additional OCU-DP COCI (data) - in combination per month (2.4-64kbs)							UNCDX	1D1DD	1.12	6.58	4.72				
		Nonrecurring Currently Combined Network Elements Switch -As-Is Charge							UNC1X	UNCCC		5.59	5.59	6.98	6.98		
EXTENDED 4-WIRE 64 KBPS EXTENDED DIGITAL LOOP WITH DEDICATED DS1 INTEROFFICE TRANSPORT																	

UNBUNDLED NETWORK ELEMENTS - Alabama											Attachment: 3		Exhibit: A			
CATEGORY	RATE ELEMENTS	Interim	Zone	BCS	USOC	RATES (\$)					Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l
						Rec	Nonrecurring		Nonrecurring Disconnect		OSS Rates (\$)					
							First	Add'l	First	Add'l	SOMEc	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN
	First 4-Wire 64Kbps Digital Grade Loop in Combination - Zone 1		1	UNCDX	UDL64	26.09	126.27	88.80	59.14	14.50						
	First 4-Wire 64Kbps Digital Grade Loop in Combination - Zone 2		2	UNCDX	UDL64	35.95	126.27	88.80	59.14	14.50						
	First 4-Wire 64Kbps Digital Grade Loop in Combination - Zone 3		3	UNCDX	UDL64	37.88	126.27	88.80	59.14	14.50						
	Interoffice Transport - Dedicated - DS1 combination - Per Mile Per Month			UNC1X	1L5XX	0.18										
	Interoffice Transport - Dedicated - DS1 combination - Facility Termination Per Month			UNC1X	U1TF1	60.16	89.27	81.81	16.35	14.44						
	1/0 Channel System in combination Per Month			UNC1X	MQ1	101.06	91.04	62.57	10.54	9.79						
	OCU-DP COCI (data) - in combination - per month (2.4-64kbs)			UNCDX	1D1DD	1.12	6.58	4.72								
	Additional 4-Wire 64Kbps Digital Grade Loop in same DS1 Interoffice Transport Combination - Zone 1		1	UNCDX	UDL64	26.09	126.27	88.80	59.14	14.50						
	Additional 4-Wire 64Kbps Digital Grade Loop in same DS1 Interoffice Transport Combination - Zone 2		2	UNCDX	UDL64	35.95	126.27	88.80	59.14	14.50						
	Additional 4-Wire 64Kbps Digital Grade Loop in same DS1 Interoffice Transport Combination - Zone 3		3	UNCDX	UDL64	37.88	126.27	88.80	59.14	14.50						
	Additional OCU-DP COCI (data) - in combination - per month (2.4-64kbs)			UNCDX	1D1DD	1.12	6.58	4.72								
	Nonrecurring Currently Combined Network Elements Switch -As-Is Charge			UNC1X	UNCCC		5.59	5.59	6.98	6.98						
EXTENDED 4-WIRE DS1 DIGITAL EXTENDED LOOP WITH DEDICATED DS1 INTEROFFICE TRANSPORT																
	4-Wire DS1 Digital Loop in Combination - Zone 1		1	UNC1X	USLXX	82.55	252.47	157.54	44.70	11.71						
	4-Wire DS1 Digital Loop in Combination - Zone 2		2	UNC1X	USLXX	154.18	252.47	157.54	44.70	11.71						
	4-Wire DS1 Digital Loop in Combination - Zone 3		3	UNC1X	USLXX	314.52	252.47	157.54	44.70	11.71						
	Interoffice Transport - Dedicated - DS1 combination - Per Mile Per Month			UNC1X	1L5XX	0.18										
	Interoffice Transport - Dedicated - DS1 combination - Facility Termination Per Month			UNC1X	U1TF1	60.16	89.27	81.81	16.35	14.44						
	Nonrecurring Currently Combined Network Elements Switch -As-Is Charge			UNC1X	UNCCC		5.59	5.59	6.98	6.98						
EXTENDED 4-WIRE DS1 DIGITAL EXTENDED LOOP WITH DEDICATED DS3 INTEROFFICE TRANSPORT																
	First DS1Loop in Combination - Zone 1		1	UNC1X	USLXX	82.55	252.47	157.54	44.70	11.71						
	First DS1Loop in Combination - Zone 2		2	UNC1X	USLXX	154.18	252.47	157.54	44.70	11.71						
	First DS1Loop in Combination - Zone 3		3	UNC1X	USLXX	314.52	252.47	157.54	44.70	11.71						
	Interoffice Transport - Dedicated - DS3 combination - Per Mile Per Month			UNC3X	1L5XX	4.09										
	Interoffice Transport - Dedicated - DS3 - Facility Termination per month			UNC3X	U1TF3	703.52	278.75	162.76	60.20	58.46						
	3/1 Channel System in combination per month			UNC3X	MQ3	166.13	178.14	93.97	33.26	31.83						
	DS1 COCI in combination per month			UNC1X	UC1D1	12.70	6.58	4.72								
	Additional DS1Loop in DS3 Interoffice Transport Combination - Zone 1		1	UNC1X	USLXX	82.55	252.47	157.54	44.70	11.71						
	Additional DS1Loop in DS3 Interoffice Transport Combination - Zone 2		2	UNC1X	USLXX	154.18	252.47	157.54	44.70	11.71						
	Additional DS1Loop in DS3 Interoffice Transport Combination - Zone 3		3	UNC1X	USLXX	314.52	252.47	157.54	44.70	11.71						
	Additional DS1 COCI in combination per month			UNC1X	UC1D1	12.70	6.58	4.72								
	Nonrecurring Currently Combined Network Elements Switch -As-Is Charge			UNC3X	UNCCC		5.59	5.59	6.98	6.98						
EXTENDED 2-WIRE VOICE GRADE EXTENDED LOOP/ 2 WIRE VOICE GRADE INTEROFFICE TRANSPORT																
	2-WireVG Loop in combination - Zone 1		1	UNCVX	UEAL2	14.38	88.00	55.00	47.24	7.44						
	2-WireVG Loop in combination - Zone 2		2	UNCVX	UEAL2	22.85	88.00	55.00	47.24	7.44						
	2-WireVG Loop in combination - Zone 3		3	UNCVX	UEAL2	36.14	88.00	55.00	47.24	7.44						
	Interoffice Transport - 2-wire VG - Dedicated- Per Mile Per Month			UNCVX	1L5XX	0.008838										
	Interoffice Transport - 2-wire VG - Dedicated - Facility Termination per month			UNCVX	U1TV2	21.13	40.54	27.41	16.74	6.90						

UNBUNDLED NETWORK ELEMENTS - Alabama												Attachment: 3		Exhibit: A		
CATEGORY	RATE ELEMENTS		Interim	Zone	BCS	USOC	RATES (\$)				Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l
							Rec	Nonrecurring		Nonrecurring Disconnect		OSS Rates (\$)				
								First	Add'l	First	Add'l	SOMEC	SOMAN	SOMAN	SOMAN	SOMAN
		Nonrecurring Currently Combined Network Elements Switch -As-Is Charge			UNCVX	UNCCC		5.59	5.59	6.98	6.98					
		EXTENDED 4-WIRE VOICE GRADE EXTENDED LOOP/ 4 WIRE VOICE GRADE INTEROFFICE TRANSPORT														
		4-WireVG Loop in combination - Zone 1		1	UNCVX	UEAL4	25.34	131.97	94.51	59.14	14.50					
		4-WireVG Loop in combination - Zone 2		2	UNCVX	UEAL4	38.58	131.97	94.51	59.14	14.50					
		4-WireVG Loop in combination - Zone 3		3	UNCVX	UEAL4	60.02	131.97	94.51	59.14	14.50					
		Interoffice Transport - 4-wire VG - Dedicated - Per Mile Per Month			UNCVX	1L5XX	0.008838									
		Interoffice Transport - 4-wire VG - Dedicated - Facility Termination per month			UNCVX	U1TV4	18.73	40.54	27.41	16.74	6.90					
		Nonrecurring Currently Combined Network Elements Switch -As-Is Charge			UNCVX	UNCCC		5.59	5.59	6.98	6.98					
		EXTENDED DS3 DIGITAL EXTENDED LOOP WITH DEDICATED DS3 INTEROFFICE TRANSPORT														
		DS3 Local Loop in combination - per mile per month			UNC3X	1L5ND	8.38									
		DS3 Local Loop in combination - Facility Termination per month			UNC3X	UE3PX	308.98	451.52	263.94	119.49	83.58					
		Interoffice Transport - Dedicated - DS3 - Per Mile per month			UNC3X	1L5XX	4.09									
		Interoffice Transport - Dedicated - DS3 combination - Facility Termination per per month			UNC3X	U1TF3	703.52	278.75	162.76	60.20	58.46					
		Nonrecurring Currently Combined Network Elements Switch -As-Is Charge			UNC3X	UNCCC		5.59	5.59	6.98	6.98					
		EXTENDED STS-1 DIGITAL EXTENDED LOOP WITH DEDICATED STS-1 INTEROFFICE TRANSPORT														
		STS-1 Local Lolo in combination - per mile per month			UNCSX	1L5ND	8.38									
		STS-1 Local Loop in combination - Facility Termination per month			UNCSX	UDLS1	319.83	451.52	263.94	119.49	83.58					
		Interoffice Transport - Dedicated - STS-1 combination - per mile per month			UNCSX	1L5XX	4.09									
		Interoffice Transport - Dedicated - STS-1 combination - Facility Termination per month			UNCSX	U1TFS	701.37	278.75	162.76	60.20	58.46					
		Nonrecurring Currently Combined Network Elements Switch -As-Is Charge			UNCSX	UNCCC		5.59	5.59	6.98	6.98					
		EXTENDED 2-WIRE ISDN EXTENDED LOOP WITH DS1 INTEROFFICE TRANSPORT														
		First 2-Wire ISDN Loop in Combination - Zone 1		1	UNCNX	U1L2X	21.88	117.24	79.77	52.88	10.54					
		First 2-Wire ISDN Loop in Combination - Zone 2		2	UNCNX	U1L2X	32.85	117.24	79.77	52.88	10.54					
		First 2-Wire ISDN Loop in Combination - Zone 3		3	UNCNX	U1L2X	48.55	117.24	79.77	52.88	10.54					
		Interoffice Transport - Dedicated - DS1 combination - per mile per month			UNC1X	1L5XX	0.18									
		Interoffice Transport - Dedicated - DS1 combination - Facility Termination per month			UNC1X	U1TF1	60.16	89.27	81.81	16.35	14.44					
		1/0 Channel System in combination - per month			UNC1X	MQ1	101.06	91.04	62.57	10.54	9.79					
		2-wire ISDN COCI (BRITE) - in combination - per month			UNCNX	UC1CA	2.41	6.58	4.72							
		Additional 2-wire ISDN Loop in same DS1Interoffice Transport Combination - Zone 1		1	UNCNX	U1L2X	21.88	117.24	79.77	52.88	10.54					
		Additional 2-wire ISDN Loop in same DS1Interoffice Transport Combination - Zone 2		2	UNCNX	U1L2X	32.85	117.24	79.77	52.88	10.54					
		Additional 2-wire ISDN Loop in same DS1Interoffice Transport Combination - Zone 3		3	UNCNX	U1L2X	48.55	117.24	79.77	52.88	10.54					
		Additional 2-wire ISDN COCI (BRITE) - in combination- per month			UNCNX	UC1CA	2.41	6.58	4.72							
		Nonrecurring Currently Combined Network Elements Switch -As-Is Charge			UNC1X	UNCCC		5.59	5.59	6.98	6.98					
		EXTENDED 4-WIRE DS1 DIGITAL EXTENDED LOOP WITH DEDICATED STS-1 INTEROFFICE TRANSPORT														
		First DS1 Loop Combination - Zone 1		1	UNC1X	USLXX	82.55	252.47	157.54	44.70	11.71					
		First DS1 Loop Combination - Zone 2		2	UNC1X	USLXX	154.18	252.47	157.54	44.70	11.71					
		First DS1 Loop Combination - Zone 3		3	UNC1X	USLXX	314.52	252.47	157.54	44.70	11.71					
		Interoffice Transport - Dedicated - STS-1 combination - Per Mile Per Month			UNCSX	1L5XX	4.09									
		Interoffice Transport - Dedicated - STS-1 combination - Facility Termination per month			UNCSX	U1TFS	701.37	278.75	162.76	60.20	58.46					

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CATEGORY	RATE ELEMENTS					Interim	Zone	BCS	USOC	RATES (\$)					Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l
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UNBUNDLED NETWORK ELEMENTS - Alabama												Attachment: 3		Exhibit: A					
CATEGORY	RATE ELEMENTS					Interim	Zone	BCS	USOC	RATES (\$)				Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l
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UNBUNDLED NETWORK ELEMENTS - Alabama												Attachment: 3		Exhibit: A						
CATEGORY	RATE ELEMENTS					Interim	Zone	BCS	USOC	RATES (\$)					Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l
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UNBUNDLED NETWORK ELEMENTS - Alabama											Attachment: 3		Exhibit: A			
CATEGORY	RATE ELEMENTS	Interim	Zone	BCS	USOC	RATES (\$)				Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l	
						Rec	Nonrecurring		Nonrecurring Disconnect		OSS Rates (\$)					
							First	Add'l	First	Add'l	SOME C	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN
	Each Additional DS1 COCI in the same 3/1 channel system combination per month			UNC1X	UC1D1	12.70	6.58	4.72								
	Nonrecurring Currently Combined Network Elements Switch -As-Is Charge			UNC1X	UNCCC		5.59	5.59	6.98	6.98						
	EXTENDED 4-WIRE DS1 LOOP WITH DEDICATED DS1 INTEROFFICE TRANSPORT w/ 3/1 MUX															
	First 4-wire DS1 Digital Lcoal Loop in Combination - Zone 1		1	UNC1X	USLXX	82.55	252.47	157.54	44.70	11.71						
	First 4-wire DS1 Digital Lcoal Loop in Combination - Zone 2		2	UNC1X	USLXX	154.18	252.47	157.54	44.70	11.71						
	First 4-wire DS1 Digital Lcoal Loop in Combination - Zone 3		3	UNC1X	USLXX	314.52	252.47	157.54	44.70	11.71						
	First Interoffice Transport - Dedicated - DS1 combination - Per Mile Per Month			UNC1X	1L5XX	0.18										
	First Interoffice Transport - Dedicated - DS1 combination - Facility Termination Per Month			UNC1X	U1TF1	60.16	89.27	81.81	16.35	14.44						
	3/1 Channel System in combination per month			UNC3X	MQ3	166.13	178.14	93.97	33.26	31.83						
	Per each DS1 COCI combination per month			UNC1X	UC1D1	12.70	6.58	4.72								
	Each Additional DS1 Interoffice Channel per mile in same 3/1 Channel System per month			UNC1X	1L5XX	0.18										
	Each Additional DS1 Interoffice Channel Facility Termination in same 3/1 Channel System per month			UNC1X	U1TF1	60.16	89.27	81.81	16.35	14.44						
	Each Additional DS1 COCI in the same 3/1 channel system combination per month			UNC1X	UC1D1	12.70	6.58	4.72								
	Additional 4-Wire DS1 Digital Local Loop in Combination - Zone 1		1	UNC1X	USLXX	82.55	252.47	157.54	44.70	11.71						
	Additional 4-Wire DS1 Digital Local Loop in Combination - Zone 2		2	UNC1X	USLXX	154.18	252.47	157.54	44.70	11.71						
	Additional 4-Wire DS1 Digital Local Loop in Combination - Zone 3		3	UNC1X	USLXX	314.52	252.47	157.54	44.70	11.71						
	Nonrecurring Currently Combined Network Elements Switch -As-Is Charge			UNC1X	UNCCC		5.59	5.59	6.98	6.98						
	EXTENDED 4-WIRE 56 KBPS DIGITAL EXTENDED LOOP WITH DS0 INTEROFFICE TRANSPORT															
	First 4-wire 56 kbps Local Loop in combination - Zone 1		1	UNCDX	UDL56	26.09	126.27	88.80	59.14	14.50						
	First 4-wire 56 kbps Local Loop in combination - Zone 2		2	UNCDX	UDL56	35.95	126.27	88.80	59.14	14.50						
	First 4-wire 56 kbps Local Loop in combination - Zone 3		3	UNCDX	UDL56	37.88	126.27	88.80	59.14	14.50						
	First 4-wire 56 kbps Interoffice Transport - Dedicated - Per Mile per month			UNCDX	1L5XX	0.008838										
	First 4-wire 56 kbps Interoffice Transport - Dedicated - Facility Termination per month			UNCDX	U1TD5	15.12	40.54	27.41	16.74	6.90						
	Nonrecurring Currently Combined Network Elements Switch -As-Is Charge			UNCDX	UNCCC		5.59	5.59	6.98	6.98						
	EXTENDED 4-WIRE 64 KBPS DIGITAL EXTENDED LOOP WITH DS0 INTEROFFICE TRANSPORT															
	First 4-wire 64 kbps Local Loop in combination - Zone 1		1	UNCDX	UDL64	26.09	126.27	88.80	59.14	14.50						
	First 4-wire 64 kbps Local Loop in combination - Zone 2		2	UNCDX	UDL64	35.95	126.27	88.80	59.14	14.50						
	First 4-wire 64 kbps Local Loop in combination - Zone 3		3	UNCDX	UDL64	37.88	126.27	88.80	59.14	14.50						
	First 4-wire 65 kbps Interoffice Transport - Dedicated - Per Mile per month			UNCDX	1L5XX	0.008838										
	First 4-wire 64 kbps Interoffice Transport - Dedicated - Facility Termination per month			UNCDX	U1TD6	15.12	40.54	27.41	16.74	6.90						
	Nonrecurring Currently Combined Network Elements Switch -As-Is Charge			UNCDX	UNCCC		5.59	5.59	6.98	6.98						
ADDITIONAL NETWORK ELEMENTS																
	When used as a part of a currently combined facility, the non-recurring charges do not apply, but a Switch As Is charge does apply.															
	When used as ordinarily combined network elements in All States, the non-recurring charges apply and the Switch As Is Charge does not.															
	Nonrecurring Currently Combined Network Elements "Switch As Is" Charge (One applies to each combination)															
	Nonrecurring Currently Combined Network Elements Switch -As-Is Charge - 2 wire/4-Wire VG			UNCVX	UNCCC		5.59	5.59	6.98	6.98						
	Nonrecurring Currently Combined Network Elements Switch -As-Is Charge - 56/64 kbps			UNCDX	UNCCC		5.59	5.59	6.98	6.98						
	Nonrecurring Currently Combined Network Elements Switch -As-Is Charge - DS1			UNC1X	UNCCC		5.59	5.59	6.98	6.98						

UNBUNDLED NETWORK ELEMENTS - Alabama											Attachment: 3		Exhibit: A			
CATEGORY	RATE ELEMENTS	Interim	Zone	BCS	USOC	RATES (\$)				Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l	
						Rec	Nonrecurring		Nonrecurring Disconnect		OSS Rates (\$)					
							First	Add'l	First	Add'l	SOMEc	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN
	Nonrecurring Currently Combined Network Elements Switch -As-Is Charge - DS3			UNC3X	UNCCC		5.59	5.59	6.98	6.98						
	Nonrecurring Currently Combined Network Elements Switch -As-Is Charge - STS1			UNC3X	UNCCC		5.59	5.59	6.98	6.98						
	Optional Features & Functions:															
	Clear Channel Capability Extended Frame Option - per DS1	I		U1TD1, ULDD1,UNC1X	CCOEF		0I	0I	0I	0I						
	Clear Channel Capability Super FrameOption - per DS1	I		U1TD1, ULDD1,UNC1X	CCOSF		0I	0I	0I	0I						
	Clear Channel Capability (SF/ESF) Option - Subsequent Activity - per DS1	I		ULDD1, U1TD1, UNC1X, USL	NRCCC		184.85S	23.81S	1.99S	0.7741S						
	C-bit Parity Option - Subsequent Activity - per DS3	i		U1TD3, ULDD3, UE3, UNC3X	NRCC3		219.13S	7.67S	0.7355S	0S						
	MULTIPLEXERS															
	DS1 to DS0 Channel System per month			UNC1X	MQ1	101.06	91.04	62.57	10.54	9.79						
	OCU-DP COCI (data) - DS1 to DS0 Channel System - per month (2.4-64kbs) used for a Local Loop			UDL	1D1DD	1.12	6.58	4.72	0.00	0.00						
	OCU-DP COCI (data) - DS1 to DS0 Channel System - per month (2.4-64kbs) used for connection to a channelized DS1 Local Channel in the same SWC as collocation			U1TUD	1D1DD	1.12	6.58	4.72	0.00	0.00						
	2-wire ISDN COCI (BRITE) - DS1 to DS0 Channel Systsem - per month for a Local Loop			UDN	UC1CA	2.41	6.58	4.72	0.00	0.00						
	2-wire ISDN COCI (BRITE) - DS1 to DS0 Channel Systsem - per month used for connection to a channelized DS1 Local Channel in the same SWC as collocation			U1TUB	UC1CA	2.41	6.58	4.72	0.00	0.00						
	Voice Grade COCI - DS1 to DS0 Channel System - per month used for a Local Loop			UEA	1D1VG	0.53	6.58	4.72	0.00	0.00						
	Voice Grade COCI - DS1 to DS0 Channel System - per month used for connection to a channelized DS1 Local Channel in the same SWC as collocation			U1TUC	1D1VG	0.53	6.58	4.72	0.00	0.00						
	DS3 to DS1 Channel System per month			UNC3X	MQ3	166.13	178.14	93.97	33.26	31.83						
	STS-1 to DS1 Channel System per month			UNC3X	MQ3	166.13	178.14	93.97	33.26	31.83						
	DS1 COCI used with Loop per month			USL	UC1D1	12.70	6.58	4.72	0.00	0.00						
	DS1 COCI (used for connection to a channelized DS1 Local Channel in the same SWC as collocation) per month			U1TUA	UC1D1	12.70	6.58	4.72	0.00	0.00						
	DS1 COCI used with Interoffice Channel per month			U1TD1	UC1D1	12.70	6.58	4.72	0.00	0.00						
	DS3 Interface Unit (DS1 COCI) used with Local Channel per month			ULDD1	UC1D1	12.70	6.58	4.72	0.00	0.00						
UNBUNDLED LOCAL EXCHANGE SWITCHING(PORTS)																
	Exchange Ports															
	NOTE: Although the Port Rate includes all available features in GA, KY, LA & TN, the desired features will need to be ordered using retail USOCs															
	2-WIRE VOICE GRADE LINE PORT RATES (RES)															
	Exchange Ports - 2-Wire Analog Line Port- Res.			UEPSR	UEPRL	1.38	2.38	2.27	1.42	1.33						
	Exchange Ports - 2-Wire Analog Line Port with Caller ID - Res.			UEPSR	UEPRC	1.38	2.38	2.27	1.42	1.33						
	Exchange Ports - 2-Wire Analog Line Port outgoing only - Res.			UEPSR	UEPRO	1.38	2.38	2.27	1.42	1.33						
	Exchange Ports - 2-Wire VG unbundled AL extended local dialing parity Port with Caller ID - Res.			UEPSR	UEPAR	1.38	2.38	2.27	1.42	1.33						
	Exchange Ports - 2-Wire VG unbundled res, low usage line port with Caller ID (LUM)			UEPSR	UEPAP	1.38	2.38	2.27	1.42	1.33						
	Exchange Ports - 2-Wire VG Alabama Residence Dialing Plan without Caller Id			UEPSR	UEPWA	1.38	2.38	2.27	1.42	1.33						
	2-Wire voice unbundled Low Usage Line Port without Caller ID Capability			UEPSR	UEPRT	1.38	2.38	2.27	1.42	1.33						
	Subsequent Activity			UEPSR	USASC	0.00	0.00	0.00								
	FEATURES															
	All Available Vertical Features			UEPSR	UEPVF	1.98	0.00	0.00								
	2-WIRE VOICE GRADE LINE PORT RATES (BUS)															

UNBUNDLED NETWORK ELEMENTS - Alabama											Attachment: 3		Exhibit: A		
CATEGORY	RATE ELEMENTS	Interim	Zone	BCS	USOC	RATES (\$)				Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l
						Rec	Nonrecurring		Nonrecurring Disconnect		OSS Rates (\$)				
							First	Add'l	First	Add'l	SOMEc	SOMAN	SOMAN	SOMAN	SOMAN
	Exchange Ports - 2-Wire Analog Line Port without Caller ID - Bus			UEPSB	UEPBL	1.38	2.38	2.27	1.42	1.33					
	Exchange Ports - 2-Wire VG unbundled Line Port with unbundled port with Caller+E484 ID - Bus.			UEPSB	UEPBC	1.38	2.38	2.27	1.42	1.33					
	Exchange Ports - 2-Wire Analog Line Port outgoing only - Bus.			UEPSB	UEPBO	1.38	2.38	2.27	1.42	1.33					
	Exchange Ports - 2-Wire VG unbundled AL extended local dialing parity Port with Caller ID - Bus.			UEPSB	UEPAW	1.38	2.38	2.27	1.42	1.33					
	Exchange Ports - 2-Wire VG unbundled incoming only port with Caller ID - Bus			UEPSB	UEPB1	1.38	2.38	2.27	1.42	1.33					
	Exchange Ports - 2-Wire Voice Alabama Business Dialing Plan without Caller ID			UEPSB	UEPWB	1.38	2.38	2.27	1.42	1.33					
	2-Wire voice unbundled Incoming Only Port without Caller ID Capability			UEPSB	UEPBE	1.38	2.38	2.27	1.42	1.33					
	Subsequent Activity			UEPSB	USASC	0.00	0.00	0.00							
	FEATURES														
	All Available Vertical Features			UEPSB	UEPVF	1.98	0.00	0.00							
	EXCHANGE PORT RATES (DID & PBX)														
	2-Wire VG Unbundled 2-Way PBX Trunk - Res			UEPSE	UEPRD	1.38	31.27	14.85	13.94	0.90					
	2-Wire VG Line Side Unbundled 2-Way PBX Trunk - Bus			UEPSP	UEPPC	1.38	31.27	14.85	13.94	0.90					
	2-Wire VG Line Side Unbundled Outward PBX Trunk - Bus			UEPSP	UEPPO	1.38	31.27	14.85	13.94	0.90					
	2-Wire VG Line Side Unbundled Incoming PBX Trunk - Bus			UEPSP	UEPP1	1.38	31.27	14.85	13.94	0.90					
	2-Wire Analog Long Distance Terminal PBX Trunk - Bus			UEPSP	UEPLD	1.38	31.27	14.85	13.94	0.90					
	2-Wire Voice Unbundled 2-Way PBX Alabama Calling Port			UEPSP	UEPA2	1.38	31.27	14.85	13.94	0.90					
	2-Wire Voice Unbundled PBX LD Terminal Ports			UEPSP	UEPLD	1.38	31.27	14.85	13.94	0.90					
	2-Wire Vice Unbundled 2-Way PBX Usage Port			UEPSP	UEPXA	1.38	31.27	14.85	13.94	0.90					
	2-Wire Voice Unbundled PBX Toll Terminal Hotel Ports			UEPSP	UEPXB	1.38	31.27	14.85	13.94	0.90					
	2-Wire Voice Unbundled PBX LD DDD Terminals Port			UEPSP	UEPXC	1.38	31.27	14.85	13.94	0.90					
	2-Wire Voice Unbundled PBX LD Terminal Switchboard Port			UEPSP	UEPXD	1.38	31.27	14.85	13.94	0.90					
	2-Wire Voice Unbundled PBX LD Terminal Switchboard IDD Capable Port			UEPSP	UEPXE	1.38	31.27	14.85	13.94	0.90					
	2-Wire Voice Unbundled 2-Way PBX Hotel/Hospital Economy Administrative Calling Port			UEPSP	UEPXL	1.38	31.27	14.85	13.94	0.90					
	2-Wire Voice Unbundled 2-Way PBX Hotel/Hospital Economy Room Calling Port			UEPSP	UEPXM	1.38	31.27	14.85	13.94	0.90					
	2-Wire Voice Unbundled 1-Way Outgoing PBX Hotel/Hospital Discount Room Calling Port			UEPSP	UEPXO	1.38	31.27	14.85	13.94	0.90					
	2-Wire Voice Unbundled 1-Way Outgoing PBX Measured Port			UEPSP	UEPXS	1.38	31.27	14.85	13.94	0.90					
	Subsequent Activity			UEPSP	USASC	0.00	0.00	0.00							
	FEATURES														
	All Available Vertical Features			UEPSP UEPSE	UEPVF	1.98	0.00	0.00							
	EXCHANGE PORT RATES (COIN)														
	Exchange Ports - Coin Port					1.38	2.38	2.27	1.42	1.33					
NOTE: Transmission/usage charges associated with POTS circuit switched usage will also apply to circuit switched voice and/or circuit switched data transmission by B-Channels associated with 2-wire ISDN ports.															
NOTE: Access to B Channel or D Channel Packet capabilities will be available only through BFR/New Business Request Process. Rates for the packet capabilities will be determined via the Bona Fide Request/New Business Request Process.															
UNBUNDLED LOCAL EXCHANGE SWITCHING(PORTS)															
	EXCHANGE PORT RATES														
The DS1 Port rates below for 4-Wire DDITS Trunk Port and 4-Wire ISDN Port in this rate exhibit apply to the embedded base in place as of 10/2/03 until 4/1/04. After 4/1/04 these rates shall revert to tariff rates or a separate agreement.															
Requests for 4-Wire DDITS Trunk Ports with 4-Wire ISDN DS1 Ports after the effective date of this amendment shall be provided pursuant to a separate agreement or tariff at BellSouth's discretion.															
	Exchange Ports - 2-Wire DID Port			UEPEX	UEPP2	8.05	119.31	18.74	59.90	3.76					
	Exchange Ports - DDITS Port - 4-Wire DS1 Port with DID capability (E:4/1/2004)			UEPDD	UEPDD	60.09	202.02	95.69	72.59	2.46					
	Exchange Ports - 2-Wire ISDN Port (See Notes below.)			UEPTX, UEPSX	U1PMA	9.79	72.77	52.99	47.79	10.74					
	All Features Offered			UEPTX, UEPSX	UEPVF	1.98	0.00	0.00							
	Exchange Ports - 2-Wire ISDN Port -- Channel Profiles			UEPTX, UEPSX	U1UMA	0.00	0.00	0.00							
NOTE: Transmission/usage charges associated with POTS circuit switched usage will also apply to circuit switched voice and/or circuit switched data transmission by B-Channels associated with 2-wire ISDN ports.															
NOTE: Access to B Channel or D Channel Packet capabilities will be available only through BFR/New Business Request Process. Rates for the packet capabilities will be determined via the Bona Fide Request/New Business Request Process.															
EXCHANGE PORT RATES (continued)															

UNBUNDLED NETWORK ELEMENTS - Alabama												Attachment: 3		Exhibit: A		
CATEGORY	RATE ELEMENTS		Interim	Zone	BCS	USOC	RATES (\$)				Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l
							Rec	Nonrecurring		Nonrecurring Disconnect		OSS Rates (\$)				
								First	Add'l	First	Add'l	SOMEc	SOMAN	SOMAN	SOMAN	SOMAN
		Exchange Ports - 4-Wire ISDN DS1 Port with Detailed E911 Locator Capability (E:4/1/2004)			UEPEX	UEPEX	84.32	203.81	101.56	79.18	20.06					
		Exchange Ports - 4-Wire ISDN DS1 Port (E:4/1/2004)			UEPDX	UEPDX	84.32	203.81	101.56	79.18	20.06					
		Physical Collocation - DS1 Cross-Connects			UEPEX	UEPDX	PE1P1	1.11	22.03	15.93	6.40	5.79				
		Virtual collocation - Special Access & UNE, cross-connect per DS1			UEPEX	UEPDX	CNC1X	1.11	22.03	15.93	6.40	5.79				
	Detailed E911 with Locator Capability (required with UEPEX port)															
		Unbundled Exchange Ports, 4-Wire ISDN DS1 Port - E911 Locator Capability - Initial Profile Establishment per CLEC per State			UEPEX	UEP1A	0.00	1,804.00		156.08						
		Unbundled Exchange Ports, 4-Wire ISDN DS1 Port - E911 Locator Capability - Subsequent Profile Changes, Additions, Deletions			UEPEX	UEP1B	0.00	175.14								
	New or Additional PRI Telephone Numbers															
		Unbundled Exchange Ports, 4-Wire ISDN DS1 Port - E911 Locator Capability 2-way Telephone Numbers, per number in E911 profile [New or Additional]			UEPEX	UEP1C	0.0697	0.49								
		Unbundled Exchange Ports, 4-Wire ISDN DS1 Port - E911 Locator Capability - Outdial Telephone Numbers, per number in E911 profile [New or Additional]			UEPEX	UEP1D	0.0697	11.51								
		Unbundled Exchange Ports, 4-Wire ISDN DS1 Port - Inward Telephone Numbers - Inward Data Only Option [New or Additional]			UEPDX	UEP1E	0.00	0.049								
		Exchange Ports - 4-Wire ISDN DS1 Port - Subsequent [New] Inward Tel Numbers [Customer Testing Purposes]			UEPEX	PR7ZT	0.00	23.02								
	LOCAL NUMBER PORTABILITY															
		Local Number Portability (1 per port)			UEPEX	UEPDX	LNPCN	1.75								
	INTERFACE (Provsioning Only)															
		Voice/Data			UEPEX	PR71V	0.00	0.00	0.00							
		Digital Data			UEPEX	PR71D	0.00	0.00	0.00							
		Inward Data			UEPDX	PR71E	0.00	0.00	0.00							
	New or Additional Channel															
		New or Additional - Voice/Data "B" Channel			UEPEX	PR7BV	0.00	14.53								
		New or Additional - Digital Data "B" Channel			UEPEX	PR7BF	0.00	14.53								
		New or Additional Inward Data "B" Channel			UEPDX	PR7BD	0.00	14.53								
		New or Additional Usage Sensitive Voice Data "B" Channel			UEPEX	PR7BS	0.00	14.53								
		New or Additional Usage Sensitive Digital Data "B" Channel			UEPEX	PR7BU	0.00	14.53								
		New or Additional PRI "D" Channel			UEPEX	PR7EX	0.00	14.53								
	CALL TYPES															
		Inward			UEPEX	UEPDX	PR7C1	0.00	0.00	0.00						
		Outward			UEPEX	PR7CO	0.00	0.00	0.00							
		Two-way			UEPEX	PR7CC	0.00	0.00	0.00							
	UNBUNDLED PORT with REMOTE CALL FORWARDING CAPABILITY															
	UNBUNDLED REMOTE CALL FORWARDING SERVICE - RESIDENCE															
		Unbundled Remote Call Forwarding Service, Area Calling, Res			UEPVR	UERAC	1.38	2.38	2.27	1.42	1.33					
		Unbundled Remote Call Forwarding Service, Local Calling - Res			UEPVR	UERLC	1.38	2.38	2.27	1.42	1.33					
		Unbundled Remote Call Forwarding Service, InterLATA - Res			UEPVR	UERTE	1.38	2.38	2.27	1.42	1.33					
		Unbundled Remote Call Forwarding Service, IntraLATA - Res			UEPVR	UERTR	1.38	2.38	2.27	1.42	1.33					
	Non-Recurring															
		Unbundled Remote Call Forwarding Service - Conversion - Switch-as-is			UEPVR	USAC2		0.10	0.10							
		Unbundled Remote Call Forwarding Service - Conversion with allowed change (PIC and LPIC)			UEPVR	USACC		0.10	0.10							
	UNBUNDLED REMOTE CALL FORWARDING - Bus															
		Unbundled Remote Call Forwarding Service, Area Calling - Bus			UEPVB	UERAC	1.38	2.38	2.27	1.42	1.33					
		Unbundled Remote Call Forwarding Service, Local Calling - Bus			UEPVB	UERLC	1.38	2.38	2.27	1.42	1.33					

UNBUNDLED NETWORK ELEMENTS - Alabama											Attachment: 3		Exhibit: A			
CATEGORY	RATE ELEMENTS	Interim	Zone	BCS	USOC	RATES (\$)					Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l
						Rec	Nonrecurring		Nonrecurring Disconnect		OSS Rates (\$)					
							First	Add'l	First	Add'l	SOMEc	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN
	Unbundled Remote Call Forwarding Service, InterLATA - Bus			UEPVB	UERTE	1.38	2.38	2.27	1.42	1.33						
	Unbundled Remote Call Forwarding Service, IntraLATA - Bus			UEPVB	UERTR	1.38	2.38	2.27	1.42	1.33						
	Unbundled Remote Call Forwarding Service Expanded and Exception Local Calling			UEPVB	UERVJ	1.38	2.38	2.27	1.42	1.33						
	Non-Recurring															
	Unbundled Remote Call Forwarding Service - Conversion - Switch-as-is			UEPVB	USAC2		0.10	0.10								
	Unbundled Remote Call Forwarding Service - Conversion with allowed change (PIC and LPIC)			UEPVB	USACC		0.10	0.10								
UNBUNDLED LOCAL SWITCHING, PORT USAGE																
	End Office Switching (Port Usage)															
	End Office Switching Function, Per MOU					0.0007025										
	End Office Trunk Port - Shared, Per MOU					0.0001638										
	Tandem Switching (Port Usage) (Local or Access Tandem)															
	Tandem Switching Function Per MOU					0.000095										
	Tandem Trunk Port - Shared, Per MOU					0.0002015										
	Tandem Switching Function Per MOU (Melded)					0.000040993										
	Tandem Trunk Port - Shared, Per MOU (Melded)					0.000086947										
	Melded Factor: 43.15% of the Tandem Rate															
	Common Transport															
	Common Transport - Per Mile, Per MOU					0.0000023										
	Common Transport - Facilities Termination Per MOU					0.0003224										
UNBUNDLED PORT/LOOP COMBINATIONS - COST BASED RATES																
Cost Based Rates are applied where BellSouth is required by FCC and/or State Commission rule to provide Unbundled Local Switching or Switch Ports.																
Features shall apply to the Unbundled Port/Loop Combination - Cost Based Rate section in the same manner as they are applied to the Stand-Alone Unbundled Port section of this Rate Exhibit.																
End Office and Tandem Switching Usage and Common Transport Usage rates in the Port section of this rate exhibit shall apply to all combinations of loop/port network elements except for UNE Coin Port/Loop Combinations.																
The first and additional Port nonrecurring charges apply to Not Currently Combined Combos. For Currently Combined Combos the nonrecurring charges shall be those identified in the Nonrecurring - Currently Combined sections.																
2-WIRE VOICE GRADE LOOP WITH 2-WIRE LINE PORT (RES)																
UNE Port/Loop Combination Rates																
	2-Wire VG Loop/Port Combo - Zone 1		1			12.70										
	2-Wire VG Loop/Port Combo - Zone 2		2			21.19										
	2-Wire VG Loop/Port Combo - Zone 3		3			34.80										
UNE Loop Rates																
	2-Wire Voice Grade Loop (SL1) - Zone 1		1	UEPRX	UEPLX	11.55										
	2-Wire Voice Grade Loop (SL1) - Zone 2		2	UEPRX	UEPLX	20.04										
	2-Wire Voice Grade Loop (SL1) - Zone 3		3	UEPRX	UEPLX	33.65										
2-Wire Voice Grade Line Port Rates (Res)																
	2-Wire voice unbundled port - residence			UEPRX	UEPRL	1.15	40.19	19.83	24.91	6.63						
	2-Wire voice unbundled port with Caller ID - res			UEPRX	UEPRC	1.15	40.19	19.83	24.91	6.63						
	2-Wire voice unbundled port outgoing only - res			UEPRX	UEPRO	1.15	40.19	19.83	24.91	6.63						
	2-Wire voice Grade unbundled Alabama extended local dialing parity port with Caller ID - res			UEPRX	UEPAR	1.15	40.19	19.83	24.91	6.63						
	2-Wire voice unbundles res, low usage line port with Caller ID (LUM)			UEPRX	UEPAP	1.15	40.19	19.83	24.91	6.63						
	2-Wire Voice Unbundled Alabama Residence Dialing Plan without Caller ID			UEPRX	UEPWA	1.15	40.19	19.83	24.91	6.63						
	2-Wire voice unbundled Low Usage Line Port without Caller ID Capability			UEPRX	UEPRT	1.15	40.19	19.83	24.91	6.63						
FEATURES																
	All Features Offered			UEPRX	UEPVF	1.98	0.00	0.00								
LOCAL NUMBER PORTABILITY																
	Local Number Portability (1 per port)			UEPRX	LNPCX	0.35										
NONRECURRING CHARGES (NRCs) - CURRENTLY COMBINED																
	2-Wire Voice Grade Loop / Line Port Combination - Conversion - Switch-as-is			UEPRX	USAC2		0.10	0.10								
	2-Wire Voice Grade Loop / Line Port Combination - Conversion - Switch with change			UEPRX	USACC		0.10	0.10								
ADDITIONAL NRCs																

UNBUNDLED NETWORK ELEMENTS - Alabama												Attachment: 3		Exhibit: A	
CATEGORY	RATE ELEMENTS	Interim	Zone	BCS	USOC	RATES (\$)				Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l
						Rec	Nonrecurring		Nonrecurring Disconnect		OSS Rates (\$)				
							First	Add'l	First	Add'l	SOMEc	SOMAN	SOMAN	SOMAN	SOMAN
	2-Wire Voice Grade Loop/Line Port Combination - Subsequent Activity			UEPRX	USAS2	0.00	0.00	0.00							
	Unbundled Miscellaneous Rate Element, Tag Loop at End User Premise			UEPRX	URETL		8.33	0.83							
	OFF/ON PREMISES EXTENSION CHANNELS														
	2 Wire Analog Voice Grade Extension Loop – Non-Design		1	UEPRX	UEAEN	12.58	37.81	17.56	23.49	5.30					
	2 Wire Analog Voice Grade Extension Loop – Non-Design		2	UEPRX	UEAEN	21.05	37.81	17.56	23.49	5.30					
	2 Wire Analog Voice Grade Extension Loop – Non-Design		3	UEPRX	UEAEN	34.34	37.81	17.56	23.49	5.30					
	2 Wire Analog Voice Grade Extension Loop – Design		1	UEPRX	UEAED	14.38	88.00	55.00	47.24	7.44					
	2 Wire Analog Voice Grade Extension Loop – Design		2	UEPRX	UEAED	22.85	88.00	55.00	47.24	7.44					
	2 Wire Analog Voice Grade Extension Loop – Design		3	UEPRX	UEAED	36.14	88.00	55.00	47.24	7.44					
	INTEROFFICE TRANSPORT														
	Interoffice Transport - Dedicated - 2 Wire Voice Grade - Facility Termination			UEPRX	U1TV2	21.13	40.54	27.41	16.74	6.90					
	Interoffice Transport - Dedicated - 2 Wire Voice Grade - Per Mile or Fraction Mile			UEPRX	U1TVM	0.008838	0.00	0.00							
	2-WIRE VOICE GRADE LOOP WITH 2-WIRE LINE PORT (BUS)														
	UNE Port/Loop Combination Rates														
	2-Wire VG Loop/Port Combo - Zone 1		1			12.70									
	2-Wire VG Loop/Port Combo - Zone 2		2			21.19									
	2-Wire VG Loop/Port Combo - Zone 3		3			34.80									
	UNE Loop Rates														
	2-Wire Voice Grade Loop (SL1) - Zone 1		1	UEPBX	UEPLX	11.55									
	2-Wire Voice Grade Loop (SL1) - Zone 2		2	UEPBX	UEPLX	20.04									
	2-Wire Voice Grade Loop (SL1) - Zone 3		3	UEPBX	UEPLX	33.65									
	2-Wire Voice Grade Line Port (Bus)														
	2-Wire voice unbundled port without Caller ID - bus			UEPBX	UEPBL	1.15	40.19	19.83	24.91	6.63					
	2-Wire voice unbundled port with Caller + E484 ID - bus			UEPBX	UEPBC	1.15	40.19	19.83	24.91	6.63					
	2-Wire voice unbundled port outgoing only - bus			UEPBX	UEPBO	1.15	40.19	19.83	24.91	6.63					
	2-Wire voice Grade unbundled Alabama extended local dialing parity port with Caller ID - bus			UEPBX	UEPAW	1.15	40.19	19.83	24.91	6.63					
	2-Wire voice unbundled incoming only port with Caller ID - Bus			UEPBX	UEPB1	1.15	40.19	19.83	24.91	6.63					
	2-Wire Voice Unbundled Alabama Business Dialing Plan without Caller ID			UEPBX	UEPWB	1.15	40.19	19.83	24.91	6.63					
	2-Wire voice unbundled Incoming Only Port without Caller ID Capability			UEPBX	UEPBE	1.15	40.19	19.83	24.91	6.63					
	LOCAL NUMBER PORTABILITY														
	Local Number Portability (1 per port)			UEPBX	LNPCX	0.35									
	FEATURES														
	All Features Offered			UEPBX	UEPVF	1.98	0.00	0.00							
	NONRECURRING CHARGES (NRCs) - CURRENTLY COMBINED														
	2-Wire Voice Grade Loop / Line Port Combination - Conversion - Switch-as-is			UEPBX	USAC2		0.10	0.10							
	2-Wire Voice Grade Loop / Line Port Combination - Conversion - Switch with change			UEPBX	USACC		0.10	0.10							
	ADDITIONAL NRCs														
	2-Wire Voice Grade Loop/Line Port Combination - Subsequent Activity			UEPBX	USAS2		0.00	0.00							
	Unbundled Miscellaneous Rate Element, Tag Loop at End User Premise			UEPBX	URETL		8.33	0.83							
	OFF/ON PREMISES EXTENSION CHANNELS														
	2 Wire Analog Voice Grade Extension Loop – Non-Design		1	UEPBX	UEAEN	12.58	37.81	17.56	23.49	5.30					
	2 Wire Analog Voice Grade Extension Loop – Non-Design		2	UEPBX	UEAEN	21.05	37.81	17.56	23.49	5.30					
	2 Wire Analog Voice Grade Extension Loop – Non-Design		3	UEPBX	UEAEN	34.34	37.81	17.56	23.49	5.30					
	2 Wire Analog Voice Grade Extension Loop – Design		1	UEPBX	UEAED	14.38	88.00	55.00	47.24	7.44					
	2 Wire Analog Voice Grade Extension Loop – Design		2	UEPBX	UEAED	22.85	88.00	55.00	47.24	7.44					
	2 Wire Analog Voice Grade Extension Loop – Design		3	UEPBX	UEAED	36.14	88.00	55.00	47.24	7.44					
	INTEROFFICE TRANSPORT														

UNBUNDLED NETWORK ELEMENTS - Alabama												Attachment: 3		Exhibit: A		
CATEGORY	RATE ELEMENTS		Interim	Zone	BCS	USOC	RATES (\$)				Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l
							Rec	Nonrecurring		Nonrecurring Disconnect		OSS Rates (\$)				
								First	Add'l	First	Add'l	SOME C	SOMAN	SOMAN	SOMAN	SOMAN
		Interoffice Transport - Dedicated - 2 Wire Voice Grade - Facility Termination			UEPBX	U1TV2	21.13	40.54	27.41	16.74	6.90					
		Interoffice Transport - Dedicated - 2 Wire Voice Grade - Per Mile or Fraction Mile			UEPBX	U1TVM	0.008838	0.00	0.00							
	2-WIRE VOICE GRADE LOOP WITH 2-WIRE LINE PORT (RES - PBX)															
	UNE Port/Loop Combination Rates															
		2-Wire VG Loop/Port Combo - Zone 1		1			12.70									
		2-Wire VG Loop/Port Combo - Zone 2		2			21.19									
		2-Wire VG Loop/Port Combo - Zone 3		3			34.80									
	UNE Loop Rates															
		2-Wire Voice Grade Loop (SL 1) - Zone 1		1	UEPRG	UEPLX	11.55									
		2-Wire Voice Grade Loop (SL 1) - Zone 2		2	UEPRG	UEPLX	20.04									
		2-Wire Voice Grade Loop (SL 1) - Zone 3		3	UEPRG	UEPLX	33.65									
	2-Wire Voice Grade Line Port Rates (RES - PBX)															
		2-Wire VG Unbundled Combination 2-Way PBX Trunk Port - Res			UEPRG	UEPRD	1.15	69.08	32.41	37.43	6.20					
	LOCAL NUMBER PORTABILITY															
		Local Number Portability (1 per port)			UEPRG	LNPCP	3.15	0.00	0.00							
	FEATURES															
		All Features Offered			UEPRG	UEPVF	1.98	0.00	0.00							
	NONRECURRING CHARGES (NRCs) - CURRENTLY COMBINED															
		2-Wire Voice Grade Loop/ Line Port Combination (PBX) - Conversion - Switch-As-Is			UEPRG	USAC2		7.91	1.90							
		2-Wire Voice Grade Loop/ Line Port Combination (PBX) - Conversion - Switch with Change			UEPRG	USACC		7.81	1.90							
	ADDITIONAL NRCs															
		2-Wire Voice Grade Loop/ Line Port Combination (PBX) - Subsequent Activity			UEPRG	USAS2	0.00	0.00	0.00							
		PBX Subsequent Activity - Change/Rearrange Multiline Hunt Group						7.32	7.32							
		Unbundled Miscellaneous Rate Element, Tag Loop at End User Premise			UEPRG	URETL		8.33	0.83							
	OFF/ON PREMISES EXTENSION CHANNELS															
		Local Channel Voice grade, per termination		1	UEPRG	P2JHX	14.38	88.00	55.00	47.24	7.44					
		Local Channel Voice grade, per termination		2	UEPRG	P2JHX	22.85	88.00	55.00	47.24	7.44					
		Local Channel Voice grade, per termination		3	UEPRG	P2JHX	36.14	88.00	55.00	47.24	7.44					
		Non-Wire Direct Serve Channel Voice Grade		1	UEPRG	SDD2X	22.41	131.60	61.92	90.50	13.40					
		Non-Wire Direct Serve Channel Voice Grade		2	UEPRG	SDD2X	23.88	131.60	61.92	90.50	13.40					
		Non-Wire Direct Serve Channel Voice Grade		3	UEPRG	SDD2X	33.72	131.60	61.92	90.50	13.40					
	INTEROFFICE TRANSPORT															
		Interoffice Transport - Dedicated - 2 Wire Voice Grade - Facility Termination			UEPRG	U1TV2	21.13	40.54	27.41	16.74	6.90					
		Interoffice Transport - Dedicated - 2 Wire Voice Grade - Per Mile or Fraction Mile			UEPRG	U1TVM	0.008838	0.00	0.00							
	2-WIRE VOICE GRADE LOOP WITH 2-WIRE LINE PORT (BUS - PBX)															
	UNE Port/Loop Combination Rates															
		2-Wire VG Loop/Port Combo - Zone 1		1			12.70									
		2-Wire VG Loop/Port Combo - Zone 2		2			21.19									
		2-Wire VG Loop/Port Combo - Zone 3		3			34.80									
	UNE Loop Rates															
		2-Wire Voice Grade Loop (SL 1) - Zone 1		1	UEPPX	UEPLX	11.55									
		2-Wire Voice Grade Loop (SL 1) - Zone 2		2	UEPPX	UEPLX	20.04									
		2-Wire Voice Grade Loop (SL 1) - Zone 3		3	UEPPX	UEPLX	33.65									
	2-Wire Voice Grade Line Port Rates (BUS - PBX)															
		Line Side Unbundled Combination 2-Way PBX Trunk Port - Bus			UEPPX	UEPPC	1.15	69.08	32.41	37.43	6.20					
		Line Side Unbundled Outward PBX Trunk Port - Bus			UEPPX	UEPPO	1.15	69.08	32.41	37.43	6.20					
		Line Side Unbundled Incoming PBX Trunk Port - Bus			UEPPX	UEPPI	1.15	69.08	32.41	37.43	6.20					

UNBUNDLED NETWORK ELEMENTS - Alabama												Attachment: 3		Exhibit: A					
CATEGORY	RATE ELEMENTS					Interim	Zone	BCS	USOC	RATES (\$)				Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l
					</														

UNBUNDLED NETWORK ELEMENTS - Alabama											Attachment: 3		Exhibit: A			
CATEGORY	RATE ELEMENTS	Interim	Zone	BCS	USOC	RATES (\$)				Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l	
						Rec	Nonrecurring		Nonrecurring Disconnect		OSS Rates (\$)					
							First	Add'l	First	Add'l	SOME C	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN
	2-Wire Coin 2-Way with Operator Screening and 011 Blocking (AL, LA, MS)			UEPCO	UEPRB	1.15	40.19	19.83	24.91	6.63						
	2-Wire Coin 2-Way with Operator Screening & Blocking: 900/976, 1+DDD, 011+, & Local (AL, KY, LA, MS)			UEPCO	UEPCD	1.15	40.19	19.83	24.91	6.63						
	2-Wire Coin Outward with Operator Screening and 011 Blocking (AL, FL)			UEPCO	UEPRK	1.15	40.19	19.83	24.91	6.63						
	2-Wire Coin Outward with Operator Screening and Blocking: 011, 900/976, 1+DDD (AL, KY, LA, MS)			UEPCO	UEPRH	1.15	40.19	19.83	24.91	6.63						
	2-Wire Coin Outward Operator Screening & Blocking: 900/976, 1+DDD, 011+, and Local (AL, KY, LA, MS)			UEPCO	UEPCN	1.15	40.19	19.83	24.91	6.63						
	2-Wire 2-Way Smartline with 900/976 (all states except LA)			UEPCO	UEPCK	1.15	40.19	19.83	24.91	6.63						
	2-Wire Coin Outward Smartline with 900/976 (all states except LA)			UEPCO	UEPCR	1.15	40.19	19.83	24.91	6.63						
	ADDITIONAL UNE COIN PORT/LOOP (RC)															
	UNE Coin Port/Loop Combo Usage (Flat Rate)			UEPCO	URECU	1.56	0.00	0.00	0.00	0.00						
	LOCAL NUMBER PORTABILITY															
	Local Number Portability (1 per port)			UEPCO	LNPCX	0.35										
	NONRECURRING CHARGES - CURRENTLY COMBINED															
	2-Wire Voice Grade Loop / Line Port Combination - Conversion - Switch-as-is			UEPCO	USAC2		0.10	0.10								
	2-Wire Voice Grade Loop / Line Port Combination - Conversion - Switch with change			UEPCO	USACC		0.10	0.10								
	ADDITIONAL NRCS															
	2-Wire Voice Grade Loop/Line Port Combination - Subsequent Activity			UEPCO	USAS2		0.00	0.00								
	Unbundled Miscellaneous Rate Element, Tag Loop at End User Premise			UEPCO	URETL		8.33	0.83								
	2-WIRE VOICE LOOP/ 2WIRE VOICE GRADE IO TRANSPORT/ 2-WIRE LINE PORT (RES)															
	UNE Port/Loop Combination Rates															
	2-Wire VG Loop/IO Tranport/Port Combo - Zone 1		1			15.76										
	2-Wire VG Loop/IO Tranport/Port Combo - Zone 2		2			24.23										
	2-Wire VG Loop/IO Tranport/Port Combo - Zone 3		3			37.52										
	UNE Loop Rates															
	2-Wire Voice Grade Loop (SL2) - Zone 1		1	UEPFR	UECF2	14.38										
	2-Wire Voice Grade Loop (SL2) - Zone 2		2	UEPFR	UECF2	22.85										
	2-Wire Voice Grade Loop (SL2) - Zone 3		3	UEPFR	UECF2	36.14										
	2-Wire Voice Grade Line Port Rates (Res)															
	2-Wire voice unbundled port - residence			UEPFR	UEPRL	1.38	90.38	57.27	48.66	8.77						
	2-Wire voice unbundled port with Caller ID - res			UEPFR	UEPRC	1.38	90.38	57.27	48.66	8.77						
	2-Wire voice unbundled port outgoing only - res			UEPFR	UEPRO	1.38	90.38	57.27	48.66	8.77						
	2-Wire voice Grade unbundled Alabama extended local dialing parity port with Caller ID - res			UEPFR	UEPAR	1.38	90.38	57.27	48.66	8.77						
	2-Wire voice unbundles res, low usage line port with Caller ID (LUM)			UEPFR	UEPAP	1.38	90.38	57.27	48.66	8.77						
	2-Wire Voice Unbundled Alabama Residence Dialing Plan without Caller ID			UEPFR	UEPWA	1.38	90.38	57.27	48.66	8.77						
	INTEROFFICE TRANSPORT															
	Interoffice Transport - Dedicated - 2 Wire Voice Grade - Facility Termination			UEPFR	U1TV2	21.13	40.54	27.41	16.74	6.90						
	Interoffice Transport - Dedicated - 2 Wire Voice Grade - Per Mile or Fraction Mile			UEPFR	1L5XX	0.008838										
	FEATURES															
	All Features Offered			UEPFR	UEPVF	1.98	0.00	0.00								
	LOCAL NUMBER PORTABILITY															
	Local Number Portability (1 per port)			UEPFR	LNPCX	0.35										
	NONRECURRING CHARGES (NRCS) - CURRENTLY COMBINED															
	2-Wire Loop / Dedicated IO Transport / 2 Wire Line Port Combination - Conversion - Switch-as-is			UEPFR	USAC2		8.48	1.87								

UNBUNDLED NETWORK ELEMENTS - Alabama											Attachment: 3		Exhibit: A			
CATEGORY	RATE ELEMENTS	Interim	Zone	BCS	USOC	RATES (\$)				Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l	
						Rec	Nonrecurring		Nonrecurring Disconnect		OSS Rates (\$)					
							First	Add'l	First	Add'l	SOME C	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN
	2-Wire Loop / Dedicated IO Transport / 2 Wire Line Port Combination - Conversion - Switch-With-Change			UEPFR	USACC		8.48	1.87								
	Unbundled Miscellaneous Rate Element, Tag Designed Loop at End User Premise			UEPFR	URETN		11.21	1.10								
	2-WIRE VOICE LOOP/ 2WIRE VOICE GRADE IO TRANSPORT/ 2-WIRE LINE PORT (BUS)															
	UNE Port/Loop Combination Rates															
	2-Wire VG Loop/IO Tranport/Port Combo - Zone 1		1			15.76										
	2-Wire VG Loop/IO Tranport/Port Combo - Zone 2		2			24.23										
	2-Wire VG Loop/IO Tranport/Port Combo - Zone 3		3			37.52										
	UNE Loop Rates															
	2-Wire Voice Grade Loop (SL2) - Zone 1		1	UEPFB	UECF2	14.38										
	2-Wire Voice Grade Loop (SL2) - Zone 2		2	UEPFB	UECF2	22.85										
	2-Wire Voice Grade Loop (SL2) - Zone 3		3	UEPFB	UECF2	36.14										
	2-Wire Voice Grade Line Port (Bus)															
	2-Wire voice unbundled port without Caller ID - bus			UEPFB	UEPBL	1.38	90.38	57.27	48.66	8.77						
	2-Wire voice unbundled port with Caller + E484 ID - bus			UEPFB	UEPBC	1.38	90.38	57.27	48.66	8.77						
	2-Wire voice unbundled port outgoing only - bus			UEPFB	UEPBO	1.38	90.38	57.27	48.66	8.77						
	2-Wire voice Grade unbundled Alabama extended local dialing parity port with Caller ID - bus			UEPFB	UEPAW	1.38	90.38	57.27	48.66	8.77						
	2-Wire voice unbundled incoming only port with Caller ID - Bus			UEPFB	UEPB1	1.38	90.38	57.27	48.66	8.77						
	2-Wire Voice Unbundled Alabama Business Dialing Plan without Caller ID			UEPFB	UEPWB	1.38	90.38	57.27	48.66	8.77						
	LOCAL NUMBER PORTABILITY															
	Local Number Portability (1 per port)			UEPFB	LNPCX	0.35										
	INTEROFFICE TRANSPORT															
	Interoffice Transport - Dedicated - 2 Wire Voice Grade - Facility Termination			UEPFB	U1TV2	21.13	40.54	27.41	16.74	6.90						
	Interoffice Transport - Dedicated - 2 Wire Voice Grade - Per Mile or Fraction Mile			UEPFB	1L5XX	0.008838										
	FEATURES															
	All Features Offered			UEPFB	UEPVF	1.98	0.00	0.00								
	NONRECURRING CHARGES (NRCs) - CURRENTLY COMBINED															
	2-Wire Loop / Dedicated IO Transport / 2 Wire Line Port Combination - Conversion - Switch-as-is			UEPFB	USAC2		8.48	1.87								
	2-Wire Loop / Dedicated IO Transport / 2 Wire Line Port Combination - Conversion - Switch with change			UEPFB	USACC		8.48	1.87								
	Unbundled Miscellaneous Rate Element, Tag Designed Loop at End User Premise			UEPFB	URETN		11.21	1.10								
	2-WIRE VOICE LOOP/ 2WIRE VOICE GRADE IO TRANSPORT/ 2-WIRE LINE PORT (PBX)															
	UNE Port/Loop Combination Rates															
	2-Wire VG Loop/IO Tranport/Port Combo - Zone 1		1			15.76										
	2-Wire VG Loop/IO Tranport/Port Combo - Zone 2		2			24.23										
	2-Wire VG Loop/IO Tranport/Port Combo - Zone 3		3			37.52										
	UNE Loop Rates															
	2-Wire Voice Grade Loop (SL2) - Zone 1		1	UEPFP	UECF2	14.38										
	2-Wire Voice Grade Loop (SL2) - Zone 2		2	UEPFP	UECF2	22.85										
	2-Wire Voice Grade Loop (SL2) - Zone 3		3	UEPFP	UECF2	36.14										
	2-Wire Voice Grade Line Port Rates (BUS - PBX)															
	Line Side Unbundled Combination 2-Way PBX Trunk Port - Bus			UEPFP	UEPPC	1.38	119.27	69.85	61.18	8.34						
	Line Side Unbundled Outward PBX Trunk Port - Bus			UEPFP	UEPPO	1.38	119.27	69.85	61.18	8.34						
	Line Side Unbundled Incoming PBX Trunk Port - Bus			UEPFP	UEPP1	1.38	119.27	69.85	61.18	8.34						
	2-Wire Voice Unbundled 2-Way Combination PBX Alabama Calling Port			UEPFP	UEPA2	1.38	119.27	69.85	61.18	8.34						
	2-Wire Voice Unbundled PBX LD Terminal Ports			UEPFP	UEPLD	1.38	119.27	69.85	61.18	8.34						
	2-Wire Voice Unbundled 2-Way Combination PBX Usage Port			UEPFP	UEPXA	1.38	119.27	69.85	61.18	8.34						
	2-Wire Voice Unbundled PBX Toll Terminal Hotel Ports			UEPFP	UEPXB	1.38	119.27	69.85	61.18	8.34						
	2-Wire Voice Unbundled PBX LD DDD Terminals Port			UEPFP	UEPXC	1.38	119.27	69.85	61.18	8.34						
	2-Wire Voice Unbundled PBX LD Terminal Switchboard Port			UEPFP	UEPXD	1.38	119.27	69.85	61.18	8.34						

UNBUNDLED NETWORK ELEMENTS - Alabama											Attachment: 3		Exhibit: A			
CATEGORY	RATE ELEMENTS	Interim	Zone	BCS	USOC	RATES (\$)				Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l	
						Rec	Nonrecurring		Nonrecurring Disconnect		OSS Rates (\$)					
							First	Add'l	First	Add'l	SOMEc	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN
	2-Wire Voice Unbundled PBX LD Terminal Switchboard IDD Capable Port			UEPFP	UEPXE	1.38	119.27	69.85	61.18	8.34						
	2-Wire Voice Unbundled 2-Way PBX Hotel/Hospital Economy Administrative Calling Port			UEPFP	UEPXL	1.38	119.27	69.85	61.18	8.34						
	2-Wire Voice Unbundled 2-Way PBX Hotel/Hospital Economy Room Calling Port			UEPFP	UEPXM	1.38	119.27	69.85	61.18	8.34						
	2-Wire Voice Unbundled 1-Way Outgoing PBX Hotel/Hospital Discount Room Calling Port			UEPFP	UEPXO	1.38	119.27	69.85	61.18	8.34						
	2-Wire Voice Unbundled 1-Way Outgoing PBX Measured Port			UEPFP	UEPXS	1.38	119.27	69.85	61.18	8.34						
	LOCAL NUMBER PORTABILITY															
	Local Number Portability (1 per port)			UEPFP	LNPCP	3.15	0.00	0.00								
	INTEROFFICE TRANSPORT															
	Interoffice Transport - Dedicated - 2 Wire Voice Grade - Facility Termination			UEPFP	U1TV2	21.13	40.54	27.41	16.74	6.90						
	Interoffice Transport - Dedicated - 2 Wire Voice Grade - Per Mile or Fraction Mile			UEPFP	1L5XX	0.008838										
	FEATURES															
	All Features Offered			UEPFP	UEPVF	1.98	0.00	0.00								
	NONRECURRING CHARGES (NRCs) - CURRENTLY COMBINED															
	2-Wire Loop / Dedicated IO Transport / 2 Wire Line Port Combination - Conversion - Switch-as-is			UEPFP	USAC2		8.48	1.87								
	2-Wire Loop / Dedicated IO Transport / 2 Wire Line Port Combination - Conversion - Switch with change			UEPFP	USACC		8.48	1.87								
	Unbundled Miscellaneous Rate Element, Tag Designed Loop at End User Premise			UEPFP	URETN		11.21	1.10								
UNBUNDLED PORT/LOOP COMBINATIONS - COST BASED RATES																
	2-WIRE VOICE GRADE LOOP- BUS ONLY - WITH 2-WIRE DID TRUNK PORT															
	UNE Port/Loop Combination Rates															
	2-Wire VG Loop/2-Wire DID Trunk Port Combo - UNE Zone 1		1			22.40										
	2-Wire VG Loop/2-Wire DID Trunk Port Combo - UNE Zone 2		2			30.88										
	2-Wire VG Loop/2-Wire DID Trunk Port Combo - UNE Zone 3		3			44.17										
	UNE Loop Rates															
	2-Wire Analog Voice Grade Loop - (SL2) - UNE Zone 1		1	UEPPX	UECD1	14.38										
	2-Wire Analog Voice Grade Loop - (SL2) - UNE Zone 2		2	UEPPX	UECD1	22.85										
	2-Wire Analog Voice Grade Loop - (SL2) - UNE Zone 3		3	UEPPX	UECD1	36.14										
	UNE Port Rate															
	Exchange Ports - 2-Wire DID Port			UEPPX	UEPD1	8.02	207.31	73.74	107.14	11.20						
	NONRECURRING CHARGES - CURRENTLY COMBINED															
	2-Wire Voice Grade Loop / 2-Wire DID Trunk Port Combination - Switch-as-is			UEPPX	USAC1		7.31	1.87								
	2-Wire Voice Grade Loop / 2-Wire DID Trunk Port Conversion with BellSouth Allowable Changes			UEPPX	USA1C		7.31	1.87								
	ADDITIONAL NRCs															
	2-Wire DID Subsequent Activity - Add Trunks, Per Trunk			UEPPX	USAS1		26.78	26.78								
	Unbundled Miscellaneous Rate Element, Tag Designed Loop at End User Premise			UEPPX	URETN		11.21	1.10								
	Telephone Number/Trunk Group Establishment Charges															
	DID Trunk Termination (One Per Port)			UEPPX	NDT	0.00	0.00	0.00								
	Additional DID Numbers for each Group of 20 DID Numbers			UEPPX	ND4	0.00	0.00	0.00								
	DID Numbers, Non- consecutive DID Numbers , Per Number			UEPPX	ND5	0.00	0.00	0.00								
	Reserve Non-Consecutive DID numbers			UEPPX	ND6	0.00	0.00	0.00								
	Reserve DID Numbers			UEPPX	NDV	0.00	0.00	0.00								
	LOCAL NUMBER PORTABILITY															
	Local Number Portability (1 per port)			UEPPX	LNPCP	3.15	0.00	0.00								
2-WIRE ISDN DIGITAL GRADE LOOP WITH 2-WIRE ISDN DIGITAL LINE SIDE PORT																
	UNE Port/Loop Combination Rates															
	2W ISDN Digital Grade Loop/2W ISDN Digital Line Side Port - UNE Zone 1		1	UEPPB	UEPPR	27.28										

UNBUNDLED NETWORK ELEMENTS - Alabama												Attachment: 3		Exhibit: A		
CATEGORY	RATE ELEMENTS	Interim	Zone	BCS	USOC	RATES (\$)				Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l	
						Rec	Nonrecurring		Nonrecurring Disconnect		OSS Rates (\$)					
							First	Add'l	First	Add'l	SOMEc	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN
	2W ISDN Digital Grade Loop/2W ISDN Digital Line Side Port - UNE Zone 2		2	UEPPB UEPPR		37.86										
	2W ISDN Digital Grade Loop/2W ISDN Digital Line Side Port - UNE Zone 3		3	UEPPB UEPPR		53.84										
	UNE Loop Rates															
	2-Wire ISDN Digital Grade Loop - UNE Zone 1		1	UEPPB UEPPR	USL2X	19.03										
	2-Wire ISDN Digital Grade Loop - UNE Zone 2		2	UEPPB UEPPR	USL2X	29.62										
	2-Wire ISDN Digital Grade Loop - UNE Zone 3		3	UEPPB UEPPR	USL2X	45.60										
	UNE Port Rate															
	Exchange Port - 2-Wire ISDN Line Side Port			UEPPB UEPPR	UEPPB	8.24	190.01	132.76	100.67	21.28						
	NONRECURRING CHARGES - CURRENTLY COMBINED															
	2-Wire ISDN Digital Grade Loop / 2-Wire ISDN Line Side Port Combination - Conversion			UEPPB UEPPR	USACB	0.00	38.51	27.02								
	ADDITIONAL NRCs															
	Unbundled Miscellaneous Rate Element, Tag Designed Loop at End User Premise			UEPPB UEPPR	URETN		11.21	1.10								
	Unbundled Miscellaneous Rate Element, Tag Loop at End User Premise			UEPPB UEPPR	URETL		8.33	0.83								
	LOCAL NUMBER PORTABILITY															
	Local Number Portability (1 per port)			UEPPB UEPPR	LNPCX	0.35	0.00	0.00								
	B-CHANNEL USER PROFILE ACCESS:															
	CVS/CSD (DMS/5ESS)			UEPPB UEPPR	U1UCA	0.00	0.00	0.00								
	CVS (EWSD)			UEPPB UEPPR	U1UCB	0.00	0.00	0.00								
	CSD			UEPPB UEPPR	U1UCC	0.00	0.00	0.00								
	B-CHANNEL AREA PLUS USER PROFILE ACCESS: (AL,KY,LA,MS SC,MS, & TN)															
	CVS/CSD (DMS/5ESS)			UEPPB UEPPR	U1UCD	0.00	0.00	0.00								
	CVS (EWSD)			UEPPB UEPPR	U1UCE	0.00	0.00	0.00								
	CSD			UEPPB UEPPR	U1UCF	0.00	0.00	0.00								
	USER TERMINAL PROFILE															
	User Terminal Profile (EWSD only)			UEPPB UEPPR	U1UMA	0.00	0.00	0.00								
	VERTICAL FEATURES															
	All Vertical Features - One per Channel B User Profile			UEPPB UEPPR	UEPVF	1.98	0.00	0.00								
	INTEROFFICE CHANNEL MILEAGE															
	Interoffice Channel mileage each, including first mile and facilities termination			UEPPB UEPPR	M1GNC	21.13	40.54	27.41	16.74	6.90						
	Interoffice Channel mileage each, additional mile			UEPPB UEPPR	M1GNM	0.008838	0.00	0.00								
4-WIRE DS1 DIGITAL LOOP WITH 4-WIRE ISDN DS1 DIGITAL TRUNK PORT																
The UNE-P DS1 combination rates below for 4-Wire DS1 Digital Loop with 4-Wire ISDN DS1 Digital Trunk Port in this rate exhibit apply to the embedded base in place as of 10/2/03 until 4/1/04. After 4/1/04 these rates shall revert to tariff rates or a separate agreement.																
Requests for 4-Wire DS1 Digital Loop with 4-Wire ISDN DS1 Digital Trunk Port after the effective date of this amendment shall be provided pursuant to a separate agreement or tariff at BellSouth's discretion.																
UNE Port/Loop Combination Rates																
	4W DS1 Digital Loop/4W ISDN DS1 Digital Trunk Port - UNE Zone 1		1	UEPPP		166.87										
	4W DS1 Digital Loop/4W ISDN DS1 Digital Trunk Port - UNE Zone 2		2	UEPPP		238.50										
	4W DS1 Digital Loop/4W ISDN DS1 Digital Trunk Port - UNE Zone 3		3	UEPPP		398.85										
	UNE Loop Rates															
	4-Wire DS1 Digital Loop - UNE Zone 1		1	UEPPP	USL4P	82.55										
	4-Wire DS1 Digital Loop - UNE Zone 2		2	UEPPP	USL4P	154.18										
	4-Wire DS1 Digital Loop - UNE Zone 3		3	UEPPP	USL4P	314.52										
	UNE Port Rate															
	Exchange Ports - 4-Wire ISDN DS1 Port (E:4/1/2004)			UEPPP	UEPPP	84.32	456.28	259.10	123.88	31.77						
	NONRECURRING CHARGES - CURRENTLY COMBINED															
	4-Wire DS1 Digital Loop / 4-Wire ISDN DS1 Digital Trunk Port Combination - Conversion -Switch-as-is (E:4/1/2004)			UEPPP	USACP	0.00	119.07	78.56								
	ADDITIONAL NRCs															

UNBUNDLED NETWORK ELEMENTS - Alabama											Attachment: 3		Exhibit: A			
CATEGORY	RATE ELEMENTS					Interim	Zone	BCS	USOC	RATES (\$)	Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l
										Rec	Nonrecurring		Nonrecurring Disconnect		OSS Rates (\$)	
											First	Add'l	First	Add'l	SOMEC	SOMAN
		4-Wire DS1 Loop/4-W ISDN Digtl Trk Port - Subsqrt Actvy-Inward/two way Tel Nos. (except NC)			UEPPP	PR7TF					0.49					
		4-Wire DS1 Loop / 4-Wire ISDN DS1 Digital Trunk Port - Outward Tel Numbers (All States except NC)			UEPPP	PR7TO					11.51					
		4-Wire DS1 Loop / 4-Wire ISDN DS1 Digital Trk Port - Subsequent Inward Tel Numbers			UEPPP	PR7ZT					23.02					
LOCAL NUMBER PORTABILITY																
		Local Number Portability (1 per port)			UEPPP	LNPCN				1.75						
INTERFACE (Provsioning Only)																
		Voice/Data			UEPPP	PR71V				0.00	0.00	0.00				
		Digital Data			UEPPP	PR71D				0.00	0.00	0.00				
		Inward Data			UEPPP	PR71E				0.00	0.00	0.00				
New or Additional "B" Channel																
		New or Additional - Voice/Data B Channel			UEPPP	PR7BV				0.00	14.53					
		New or Additional - Digital Data B Channel			UEPPP	PR7BF				0.00	14.53					
		New or Additional Inward Data B Channel			UEPPP	PR7BD				0.00	14.53					
CALL TYPES																
		Inward			UEPPP	PR7C1				0.00	0.00	0.00				
		Outward			UEPPP	PR7CO				0.00	0.00	0.00				
		Two-way			UEPPP	PR7CC				0.00	0.00	0.00				
Interoffice Channel Mileage																
		Fixed Each Including First Mile			UEPPP	1LN1A				60.34	89.27	81.81	16.35	14.44		
		Each Airline-Fractional Additional Mile			UEPPP	1LN1B				0.18						
4-WIRE DS1 DIGITAL LOOP WITH 4-WIRE DDITS TRUNK PORT																
The UNE-P DS1 combination rates below for 4-Wire DS1 Digital Loop with 4-Wire DDITS Trunk Port in this rate exhibit apply to the embedded base in place as of 10/2/03 until 4/1/04. After 4/1/04 these rates shall revert to tariff rates or a separate agreement.																
Requests for 4-Wire DS1 Digital Loop with 4-Wire DDITS after the effective date of this amendment shall be provided pursuant to a separate agreement or tariff at BellSouth's discretion.																
UNE Port/Loop Combination Rates																
		4W DS1 Digital Loop/4W DDITS Trunk Port - UNE Zone 1		1	UEPDC					142.64						
		4W DS1 Digital Loop/4W DDITS Trunk Port - UNE Zone 2		2	UEPDC					214.26						
		4W DS1 Digital Loop/4W DDITS Trunk Port - UNE Zone 3		3	UEPDC					374.61						
UNE Loop Rates																
		4-Wire DS1 Digital Loop - UNE Zone 1		1	UEPDC	USLDC				82.55						
		4-Wire DS1 Digital Loop - UNE Zone 2		2	UEPDC	USLDC				154.18						
		4-Wire DS1 Digital Loop - UNE Zone 3		3	UEPDC	USLDC				314.52						
UNE Port Rate																
		4-Wire DDITS Digital Trunk Port (E:4/1/2004)			UEPDC	UDD1T				60.09	454.49	253.23	117.29	14.17		
NONRECURRING CHARGES - CURRENTLY COMBINED																
		4-Wire DS1 Digital Loop / 4-Wire DDITS Trunk Port Combination - Switch-as-is (E:4/1/2004)			UEPDC	USAC4				129.49	67.02					
		4-Wire DS1 Digital Loop / 4-Wire DDITS Trunk Port Combination - Conversion with DS1 Changes (E:4/1/2004)			UEPDC	USAWA				129.49	67.02					
		4-Wire DS1 Digital Loop / 4-Wire DDITS Trunk Port Combination - Conversion with Change - Trunk (E:4/1/2004)			UEPDC	USAWB				129.49	67.02					
ADDITIONAL NRCs																
		4-Wire DS1 Loop / 4-Wire DDITS Trunk Port - NRC - Subsequent Channel Activation/Chan - 2-Way Trunk			UEPDC	UDTTA				14.48	14.48					
		4-Wire DS1 Loop / 4-Wire DDITS Trunk Port - Subsequent Channel Activation/Chan - 1-Way Outward Trunk			UEPDC	UDTTB				14.48	14.48					
		4-Wire DS1 Loop / 4-Wire DDITS Trunk Port - Subsqnt Channel Activation/Chan Inward Trunk w/out DID			UEPDC	UDTTC				14.48	14.48					
		4-Wire DS1 Loop / 4-Wire DDITS Trunk Port - Subsqnt Chan Activation Per Chan - Inward Trunk with DID			UEPDC	UDTTD				14.48	14.48					
		4-Wire DS1 Loop / 4-Wire DDITS Trunk Port - Subsqnt Chan Activation / Chan - 2-Way DID w User Trans			UEPDC	UDTTE				14.48	14.48					
BIPOLAR 8 ZERO SUBSTITUTION																
		B8ZS -Superframe Format			UEPDC	CCOSF				0.00i	600.00s					
		B8ZS - Extended Superframe Format			UEPDC	CCOEF				0.00i	600.00s					
Alternate Mark Inversion																
		AMI -Superframe Format			UEPDC	MCOSF				0.00	0.00					

UNBUNDLED NETWORK ELEMENTS - Alabama											Attachment: 3		Exhibit: A			
CATEGORY	RATE ELEMENTS	Interim	Zone	BCS	USOC	RATES (\$)				Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l	
						Rec	Nonrecurring		Nonrecurring Disconnect		OSS Rates (\$)					
							First	Add'l	First	Add'l	SOMEc	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN
	AMI - Extended SuperFrame Format			UEPDC	MCOP0		0.00	0.00								
	Telephone Number/Trunk Group Establishment Charges															
	Telephone Number for 2-Way Trunk Group			UEPDC	UDTGX	0.00										
	Telephone Number for 1-Way Outward Trunk Group			UEPDC	UDTGY	0.00										
	Telephone Number for 1-Way Inward Trunk Group Without DID			UEPDC	UDTGZ	0.00										
	DID Numbers for each Group of 20 DID Numbers			UEPDC	ND4	0.00	0.00									
	DID Numbers, Non- consecutive DID Numbers , Per Number			UEPDC	ND5	0.00										
	Reserve Non-Consecutive DID Nos.			UEPDC	ND6	0.00	0.00	0.00								
	Reserve DID Numbers			UEPDC	NDV	0.00	0.00	0.00								
	Dedicated DS1 (Interoffice Channel Mileage) - FX/FCO for 4-Wire DS1 Digital Loop with 4-Wire DDITS Trunk Port															
	Interoffice Channel Mileage - Fixed rate 0-8 miles (Facilities Termination)			UEPDC	1LNO1	60.16	89.27	81.81	16.35	14.44						
	Interoffice Channel Mileage - Additional rate per mile - 0-8 miles			UEPDC	1LNOA	0.18	0.00	0.00								
	Interoffice Channel Mileage - Fixed rate 9-25 miles (Facilities Termination)			UEPDC	1LNO2	0.00	0.00	0.00								
	Interoffice Channel Mileage - Additional rate per mile - 9-25 miles			UEPDC	1LNOB	0.18	0.00	0.00								
	Interoffice Channel Mileage - Fixed rate 25+ miles (Facilities Termination)			UEPDC	1LNO3	0.00	0.00	0.00	0.00							
	Interoffice Channel Mileage - Additional rate per mile - 25+ miles			UEPDC	1LNOC	0.18	0.00	0.00								
	Local Number Portability, per DS0 Activated			UEPDC	LNPCP	3.15	0.00	0.00	0.00							
	Central Office Terminating Point			UEPDC	CTG	0.00										
	4-WIRE DS1 LOOP WITH CHANNELIZATION WITH PORT															
	System is 1 DS1 Loop, 1 D4 Channel Bank, and up to 24 Feature Activations															
	Each System can have up to 24 combinations of rates depending on type and number of ports used															
	The UNE-P DS1 combination rates below for 4-Wire DS1 Loop with Channelization with Port in this rate exhibit apply to the embedded base in place as of 10/2/03 until 4/1/04. After 4/1/04 these rates shall revert to tariff rates or a separate agreement.															
	Requests for 4-Wire DS1 Loop with Channelization with Port after the effective date of this amendment shall be provided pursuant to a separate agreement or tariff at BellSouth's discretion.															
	UNE DS1 Loop															
	4-Wire DS1 Loop - UNE Zone 1		1	UEPMG	USLDC	82.55	0.00	0.00								
	4-Wire DS1 Loop - UNE Zone 2		2	UEPMG	USLDC	154.18	0.00	0.00								
	4-Wire DS1 Loop - UNE Zone 3		3	UEPMG	USLDC	314.52	0.00	0.00								
	UNE DSO Channelization Capacities (D4 Channel Bank Configurations)															
	24 DSO Channel Capacity - 1 per DS1			UEPMG	VUM24	101.40	0.00	0.00								
	48 DSO Channel Capacity - 1 per 2 DS1s			UEPMG	VUM48	202.80	0.00	0.00								
	96 DSO Channel Capacity -1per 4 DS1s			UEPMG	VUM96	405.60	0.00	0.00								
	144 DSO Channel Capacity - 1 per 6 DS1s			UEPMG	VUM14	608.40	0.00	0.00								
	192 DSO Channel Capacity -1 per 8 DS1s			UEPMG	VUM19	811.20	0.00	0.00								
	240 DSO Channel Capacity - 1 per 10 DS1s			UEPMG	VUM20	1,014.00	0.00	0.00								
	288 DSO Channel Capacity - 1 per 12 DS1s			UEPMG	VUM28	1,216.80	0.00	0.00								
	384 DSO Channel Capacity - 1 per 16 DS1s			UEPMG	VUM38	1,622.40	0.00	0.00								
	480 DSO Channel Capacity - 1 per 20 DS1s			UEPMG	VUM40	2,028.00	0.00	0.00								
	576 DSO Channel Capacity -1 per 24 DS1s			UEPMG	VUM57	2,433.60	0.00	0.00								
	672 DSO Channel Capacity - 1 per 28 DS1s			UEPMG	VUM67	2,839.20	0.00	0.00								
	Non-Recurring Charges (NRC) Associated with 4-Wire DS1 Loop with Channelization with Port - Conversion Charge Based on a System															
	A Minimum System configuration is One (1) DS1, One (1) D4 Channel Bank, and Up To 24 DSO Ports with Feature Activations.															
	Multiples of this configuration functioning as one are considered Add'l after the minimum system configuration is counted.															
	NRC - Conversion (Currently Combined) with or without BellSouth Allowed Changes			UEPMG	USAC4	0.00	150.48	8.36								
	System Additions at End User Locations Where 4-Wire DS1 Loop with Channelization with Port Combination Currently Exists and															
	New (Not Currently Combined) in all states, except in Density Zone 1 of Top 8 MSA's															
	1 DS1/D4 Channel Bank - Additionally Add NRC for each Port and Assoc Fea Activation (E:4/1/2004)			UEPMG	VUMD4	0.00	716.11	468.04	148.75	17.65						
	Bipolar 8 Zero Substitution															
	Clear Channel Capability Format, superframe - Subsequent Activity Only			UEPMG	CCOSF	0.00	0.00i	600.00s								
	Clear Channel Capability Format - Extended Superframe - Subsequent Activity Only			UEPMG	CCOEF	0.00	0.00i	600.00s								

UNBUNDLED NETWORK ELEMENTS - Alabama											Attachment: 3		Exhibit: A			
CATEGORY	RATE ELEMENTS	Interim	Zone	BCS	USOC	RATES (\$)				Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l	
						Rec	Nonrecurring		Nonrecurring Disconnect		OSS Rates (\$)					
							First	Add'l	First	Add'l	SOMECA	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN
	Alternate Mark Inversion (AMI)															
	Superframe Format			UEPMG	MCOSF	0.00	0.00	0.00								
	Extended Superframe Format			UEPMG	MCOPO	0.00	0.00	0.00								
	Exchange Ports Associated with 4-Wire DS1 Loop with Channelization with Port Exchange Ports															
	Line Side Combination Channelized PBX Trunk Port - Business (E:4/1/2004)			UEPPX	UEPCX	1.15	0.00	0.00	0.00	0.00						
	Line Side Outward Channelized PBX Trunk Port - Business (E:4/1/2004)			UEPPX	UEPOX	1.15	0.00	0.00	0.00	0.00						
	Line Side Inward Only Channelized PBX Trunk Port without DID (E:4/1/2004)			UEPPX	UEP1X	1.15	0.00	0.00	0.00	0.00						
	2-Wire Trunk Side Unbundled Channelized DID Trunk Port (E:4/1/2004)			UEPPX	UEPDM	8.05	0.00	0.00	0.00	0.00						
	Unbundled Exchange Ports, 2-Wire Channelized – Outdial – (AL, KY, LA, MS, & TN)(Conversion from Network Access Service) (E:4/1/2004)			UEPPX	UEPCY	1.15										
	Unbundled Exchange Ports, 2-Wire Channelized – Combination (AL, KY, LA, MS, & TN) (Conversion from Network Access Service) (E:4/1/2004)			UEPPX	UEPCT	1.15										
	2-Wire Channelized PBX Area Calling Service Combination Port (AL Only) (E:4/1/2004)			UEPPX	UEPA4	1.15	0.00	0.00								
	2 Wire Channelized PBX Area Calling Service Outgoing Only Port (AL Only) (E:4/1/2004)			UEPPX	UEPA3	1.15	0.00	0.00								
	Feature Activations - Unbundled Loop Concentration															
	Feature (Service) Activation for each Line Port Terminated in D4 Bank			UEPPX	1PQWM	0.56	54.55									
	Feature (Service) Activation for each Trunk Port Terminated in D4 Bank			UEPPX	1PQWU	0.56	77.03									
	Telephone Number/ Group Establishment Charges for DID Service															
	DID Trunk Termination (1 per Port)			UEPPX	NDT	0.00	0.00	0.00								
	DID Numbers - groups of 20 - Valid all States			UEPPX	ND4	0.00	0.00	0.00								
	Non-Consecutive DID Numbers - per number			UEPPX	ND5	0.00	0.00	0.00								
	Reserve Non-Consecutive DID Numbers			UEPPX	ND6	0.00	0.00	0.00								
	Reserve DID Numbers			UEPPX	NDV	0.00	0.00	0.00								
	Local Number Portability															
	Local Number Portability - 1 per port			UEPPX	LNPCP	3.15	0.00	0.00								
	FEATURES - Vertical and Optional															
	Local Switching Features Offered with Line Side Ports Only															
	All Features Available			UEPPX	UEPVF	1.98	0.00	0.00								
UNBUNDLED CENTREX PORT/LOOP COMBINATIONS - COST BASED RATES																
1. Cost Based Rates are applied where BellSouth is required by FCC and/or State Commission rule to provide Unbundled Local Switching or Switch Ports.																
2. Features shall apply to the Unbundled Port/Loop Combination - Cost Based Rate section in the same manner as they are applied to the Stand-Alone Unbundled Port section of this Rate Exhibit.																
3. End Office and Tandem Switching Usage and Common Transport Usage rates in the Port section of this rate exhibit shall apply to all combinations of loop/port network elements except for UNE Coin Port/Loop Combinations.																
4. The first and additional Port nonrecurring charges apply to Not Currently Combined Combos. For Currently Combined Combos, the nonrecurring charges shall be those identified in the Nonrecurring - Currently Combined sections. Additional NRCs may apply also and are categorized accordingly.																
5. Market Rates for Unbundled Centrex Port/Loop Combination will be negotiated on an Individual Case Basis, until further notice.																
UNE-P CENTREX - 1AESS - (Valid in AL,FL,GA,KY,LA,MS,&TN only)																
2-Wire VG Loop/2-Wire Voice Grade Port (Centrex) Combo																
UNE Port/Loop Combination Rates (Non-Design)																
	2-Wire VG Loop/2-Wire Voice Grade Port (Centrex) Port Combo - Non-Design		1	UEP91		12.70										
	2-Wire VG Loop/2-Wire Voice Grade Port (Centrex)Port Combo - Non-Design		2	UEP91		21.19										
	2-Wire VG Loop/2-Wire Voice Grade Port (Centrex)Port Combo - Non-Design		3	UEP91		34.80										
UNE Port/Loop Combination Rates (Design)																
	2-Wire VG Loop/2-Wire Voice Grade Port (Centrex) Port Combo - Design		1	UEP91		15.53										

UNBUNDLED NETWORK ELEMENTS - Alabama												Attachment: 3		Exhibit: A		
CATEGORY	RATE ELEMENTS		Interim	Zone	BCS	USOC	RATES (\$)				Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l
							Rec	Nonrecurring		Nonrecurring Disconnect		OSS Rates (\$)				
								First	Add'l	First	Add'l	SOMEc	SOMAN	SOMAN	SOMAN	SOMAN
		2-Wire VG Loop/2-Wire Voice Grade Port (Centrex)Port Combo - Design		2	UEP91		24.00									
		2-Wire VG Loop/2-Wire Voice Grade Port (Centrex)Port Combo - Design		3	UEP91		37.29									
	UNE Loop Rate															
		2-Wire Voice Grade Loop (SL 1) - Zone 1		1	UEP91	UECS1	11.55									
		2-Wire Voice Grade Loop (SL 1) - Zone 2		2	UEP91	UECS1	20.04									
		2-Wire Voice Grade Loop (SL 1) - Zone 3		3	UEP91	UECS1	33.65									
		2-Wire Voice Grade Loop (SL 2) - Zone 1		1	UEP91	UECS2	14.38									
		2-Wire Voice Grade Loop (SL 2) - Zone 2		2	UEP91	UECS2	22.85									
		2-Wire Voice Grade Loop (SL 2) - Zone 3		3	UEP91	UECS2	36.14									
	UNE Ports															
	All States (Except North Carolina and Sout Carolina)															
		2-Wire Voice Grade Port (Centrex) Basic Local Area			UEP91	UEPYA	1.15	40.19	19.83	24.91	6.63					
		2-Wire Voice Grade Port (Centrex 800 termination)Basic Local Area			UEP91	UEPYB	1.15	40.19	19.83	24.91	6.63					
		2-Wire Voice Grade Port (Centrex with Caller ID)Note1 Basic Local Area			UEP91	UEPYH	1.15	40.19	19.83	24.91	6.63					
		2-Wire Voice Grade Port (Centrex from diff Serving Wire Center) Note 2, 3 Basic Local Area			UEP91	UEPYM	1.15	90.38	57.27	48.66	8.77					
		2-Wire Voice Grade Port, Diff Serving Wire Center - 800 Service Term - Basic Local Area			UEP91	UEPYZ	1.15	90.38	57.27	48.66	8.77					
		2-Wire Voice Grade Port terminated in on Megalink or equivalent - Basic Local Area			UEP91	UEPY9	1.15	40.19	19.83	24.91	6.63					
		2-Wire Voice Grade Port Terminated on 800 Service Term - Basic Local Area			UEP91	UEPY2	1.15	40.19	19.83	24.91	6.63					
	AL, KY, LA, MS, & TN Only															
		2-Wire Voice Grade Port (Centrex)			UEP91	UEPQA	1.15	40.19	19.83	24.91	6.63					
		2-Wire Voice Grade Port (Centrex 800 termination)			UEP91	UEPQB	1.15	40.19	19.83	24.91	6.63					
		2-Wire Voice Grade Port (Centrex with Caller ID)1			UEP91	UEPQH	1.15	40.19	19.83	24.91	6.63					
		2-Wire Voice Grade Port (Centrex from diff Serving Wire Center)2,3			UEP91	UEPQM	1.15	90.38	57.27	48.66	8.77					
		2-Wire Voice Grade Port, Diff Serving Wire Center - 2,3 - 800 Service Term			UEP91	UEPQZ	1.15	90.38	57.27	48.66	8.77					
		2-Wire Voice Grade Port terminated in on Megalink or equivalent			UEP91	UEPQ9	1.15	40.19	19.83	24.91	6.63					
		2-Wire Voice Grade Port Terminated on 800 Service Term			UEP91	UEPQ2	1.15	40.19	19.83	24.91	6.63					
	Local Switching															
		Centrex Intercom Funtionality, per port			UEP91	URECS	0.5488									
	Local Number Portability															
		Local Number Portability (1 per port)			UEP91	LNPCc	0.35									
	Features															
		All Standard Features Offered, per port			UEP91	UEPVF	1.98									
		All Select Features Offered, per port			UEP91	UEPVS	0.00	405.52								
		All Centrex Control Features Offered, per port			UEP91	UEPVC	1.98									
	NARS															
		Unbundled Network Access Register - Combination			UEP91	UARCX	0.00	0.00	0.00	0.00	0.00					
		Unbundled Network Access Register - Indial			UEP91	UAR1X	0.00	0.00	0.00	0.00	0.00					
		Unbundled Network Access Register - Outdial			UEP91	UAROx	0.00	0.00	0.00	0.00	0.00					
	Miscellaneous Terminations															
	2-Wire Trunk Side															
		Trunk Side Terminations, each			UEP91	CENA6	8.05	119.31	18.74	59.90	3.76					
	Interoffice Channel Mileage - 2-Wire															
		Interoffice Channel Facilities Termination - Voice Grade			UEP91	M1GBC	21.13	40.54	27.41	16.74	6.90					
		Interoffice Channel mileage, per mile or fraction of mile			UEP91	M1GBM	0.008838									
	Feature Activations (DS0) Centrex Loops on Channelized DS1 Service															
	D4 Channel Bank Feature Activations															
		Feature Activation on D-4 Channel Bank Centrex Loop Slot			UEP91	1PQWS	0.56									

UNBUNDLED NETWORK ELEMENTS - Alabama											Attachment: 3		Exhibit: A			
CATEGORY	RATE ELEMENTS					Interim	Zone	BCS	USOC	RATES (\$)	Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l
										</						

UNBUNDLED NETWORK ELEMENTS - Alabama												Attachment: 3		Exhibit: A			
CATEGORY	RATE ELEMENTS		Interim	Zone	BCS	USOC	RATES (\$)				Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l	
							Rec	Nonrecurring		Nonrecurring Disconnect		OSS Rates (\$)					
								First	Add'l	First	Add'l	SOMEc	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN
		2-Wire Voice Grade Port Terminated on 800 Service Term - Basic Local Area			UEP95	UEPY2	1.15	40.19	19.83	24.91	6.63						
	AL, KY, LA, MS, SC, & TN Only																
		2-Wire Voice Grade Port (Centrex)			UEP95	UEPQA	1.15	40.19	19.83	24.91	6.63						
		2-Wire Voice Grade Port (Centrex 800 termination)			UEP95	UEPQB	1.15	40.19	19.83	24.91	6.63						
		2-Wire Voice Grade Port (Centrex with Caller ID)1			UEP95	UEPQH	1.15	40.19	19.83	24.91	6.63						
		2-Wire Voice Grade Port (Centrex from diff Serving Wire Center)2,3			UEP95	UEPQM	1.15	90.38	57.27	48.66	8.77						
		2-Wire Voice Grade Port, Diff Serving Wire Center - 800 Service Term 2,3			UEP95	UEPQZ	1.15	90.38	57.27	48.66	8.77						
		2-Wire Voice Grade Port terminated in on Megalink or equivalent			UEP95	UEPQ9	1.15	40.19	19.83	24.91	6.63						
		2-Wire Voice Grade Port Terminated on 800 Service Term			UEP95	UEPQ2	1.15	40.19	19.83	24.91	6.63						
	Local Switching																
		Centrex Intercom Functionality, per port			UEP95	URECS	0.5488										
	Local Number Portability																
		Local Number Portability (1 per port)			UEP95	LNPC	0.35										
	Features																
		All Standard Features Offered, per port			UEP95	UEPVF	1.98										
		All Select Features Offered, per port			UEP95	UEPVS	0.00	405.52									
		All Centrex Control Features Offered, per port			UEP95	UEPVC	1.98										
	NARS																
		Unbundled Network Access Register - Combination			UEP95	UARCX	0.00	0.00	0.00	0.00	0.00						
		Unbundled Network Access Register - Indial			UEP95	UAR1X	0.00	0.00	0.00	0.00	0.00						
		Unbundled Network Access Register - Outdial			UEP95	UARO	0.00	0.00	0.00	0.00	0.00						
	Miscellaneous Terminations																
	2-Wire Trunk Side																
		Trunk Side Terminations, each			UEP95	CEND6	8.05	119.31	18.74	59.90	3.76						
	4-Wire Digital (1.544 Megabits)																
		DS1 Circuit Terminations, each			UEP95	M1HD1	60.09	202.02	95.69	72.59	2.46						
		DS0 Channels Activated, each			UEP95	M1HDO	0.00	14.48									
	Interoffice Channel Mileage - 2-Wire																
		Interoffice Channel Facilities Termination			UEP95	M1GBC	21.13	40.54	27.41	16.74	6.90						
		Interoffice Channel mileage, per mile or fraction of mile			UEP95	M1GBM	0.008838										
	Feature Activations (DS0) Centrex Loops on Channelized DS1 Service																
	D4 Channel Bank Feature Activations																
		Feature Activation on D-4 Channel Bank Centrex Loop Slot			UEP95	1PQWS	0.56										
		Feature Activation on D-4 Channel Bank FX line Side Loop Slot			UEP95	1PQW6	0.56										
		Feature Activation on D-4 Channel Bank FX Trunk Side Loop Slot			UEP95	1PQW7	0.56										
		Feature Activation on D-4 Channel Bank Centrex Loop Slot - Different Wire Center			UEP95	1PQWP	0.56										
		Feature Activation on D-4 Channel Bank Private Line Loop Slot			UEP95	1PQWV	0.56										
		Feature Activation on D-4 Channel Bank Tjje Line/Trunk Loop Slot			UEP95	1PQWQ	0.56										
		Feature Activation on D-4 Channel Bank WATS Loop Slot			UEP95	1PQWA	0.56										
	Non-Recurring Charges (NRC) Associated with UNE-P Centrex																
		NRC Conversion Currently Combined Switch-As-Is with allowed changes, per port			UEP95	USAC2		0.10	0.10								
		Conversion of Existing Centrex Common Block, each			UEP95	USACN		37.75	16.58								
		New Centrex Standard Common Block			UEP95	M1ACS	0.00	667.21									
		New Centrex Customized Common Block			UEP95	M1ACC	0.00	667.21									
		NAR Establishment Charge, Per Occasion			UEP95	URECA	0.00	72.73									
	Additional Non-Recurring Charges (NRC)																
		Unbundled Miscellaneous Rate Element, Tag Loop at End Use Premise			UEP95	URETL		8.33	0.83								

UNBUNDLED NETWORK ELEMENTS - Alabama												Attachment: 3		Exhibit: A			
CATEGORY	RATE ELEMENTS		Interim	Zone	BCS	USOC	RATES (\$)				Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l	
							Rec	Nonrecurring		Nonrecurring Disconnect		OSS Rates (\$)					
								First	Add'l	First	Add'l	SOMECA	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN
		Unbundled Miscellaneous Rate Element, Tag Design Loop at End Use Premise			UEP95	URETN		11.21	1.10								
	UNE-P CENTREX - DMS100 (Valid in All States)																
	2-Wire VG Loop/2-Wire Voice Grade Port (Centrex) Combo																
	UNE Port/Loop Combination Rates (Non-Design)																
		2-Wire VG Loop/2-Wire Voice Grade Port (Centrex) Port Combo - Non-Design		1	UEP9D		12.70										
		2-Wire VG Loop/2-Wire Voice Grade Port (Centrex)Port Combo - Non-Design		2	UEP9D		21.19										
		2-Wire VG Loop/2-Wire Voice Grade Port (Centrex)Port Combo - Non-Design		3	UEP9D		34.80										
	UNE Port/Loop Combination Rates (Design)																
		2-Wire VG Loop/2-Wire Voice Grade Port (Centrex) Port Combo - Design		1	UEP9D		15.53										
		2-Wire VG Loop/2-Wire Voice Grade Port (Centrex)Port Combo - Design		2	UEP9D		24.00										
		2-Wire VG Loop/2-Wire Voice Grade Port (Centrex)Port Combo - Design		3	UEP9D		37.29										
	UNE Loop Rate																
		2-Wire Voice Grade Loop (SL 1) - Zone 1		1	UEP9D	UECS1	11.55										
		2-Wire Voice Grade Loop (SL 1) - Zone 2		2	UEP9D	UECS1	20.04										
		2-Wire Voice Grade Loop (SL 1) - Zone 3		3	UEP9D	UECS1	33.65										
		2-Wire Voice Grade Loop (SL 2) - Zone 1		1	UEP9D	UECS2	14.38										
		2-Wire Voice Grade Loop (SL 2) - Zone 2		2	UEP9D	UECS2	22.85										
		2-Wire Voice Grade Loop (SL 2) - Zone 3		3	UEP9D	UECS2	36.14										
	UNE Port Rate																
	ALL STATES																
		2-Wire Voice Grade Port (Centrex) Basic Local Area			UEP9D	UEPYA	1.15	40.19	19.83	24.91	6.63						
		2-Wire Voice Grade Port (Centrex 800 termination)Basic Local Area			UEP9D	UEPYB	1.15	40.19	19.83	24.91	6.63						
		2-Wire Voice Grade Port (Centrex / EBS-PSET)3Basic Local Area			UEP9D	UEPYC	1.15	40.19	19.83	24.91	6.63						
		2-Wire Voice Grade Port (Centrex / EBS-M5009)3Basic Local Area			UEP9D	UEPYD	1.15	40.19	19.83	24.91	6.63						
		2-Wire Voice Grade Port (Centrex / EBS-M5209))3 Basic Local Area			UEP9D	UEPYE	1.15	40.19	19.83	24.91	6.63						
		2-Wire Voice Grade Port (Centrex / EBS-M5112))3 Basic Local Area			UEP9D	UEPYF	1.15	40.19	19.83	24.91	6.63						
		2-Wire Voice Grade Port (Centrex / EBS-M5312))3Basic Local Area			UEP9D	UEPYG	1.15	40.19	19.83	24.91	6.63						
		2-Wire Voice Grade Port (Centrex / EBS-M5008))3 Basic Local Area			UEP9D	UEPYT	1.15	40.19	19.83	24.91	6.63						
		2-Wire Voice Grade Port (Centrex / EBS-M5208))3 Basic Local Area			UEP9D	UEPYU	1.15	40.19	19.83	24.91	6.63						
		2-Wire Voice Grade Port (Centrex / EBS-M5216))3 Basic Local Area			UEP9D	UEPYV	1.15	40.19	19.83	24.91	6.63						
		2-Wire Voice Grade Port (Centrex / EBS-M5316))3 Basic Local Area			UEP9D	UEPY3	1.15	40.19	19.83	24.91	6.63						
		2-Wire Voice Grade Port (Centrex with Caller ID) Basic Local Area			UEP9D	UEPYH	1.15	40.19	19.83	24.91	6.63						
		2-Wire Voice Grade Port (Centrex/Caller ID/Msg Wtg Lamp Indication))4 Basic Local Area			UEP9D	UEPYW	1.15	40.19	19.83	24.91	6.63						
		2-Wire Voice Grade Port (Centrex/Msg Wtg Lamp Indication))4 Basic Local Area			UEP9D	UEPYJ	1.15	40.19	19.83	24.91	6.63						
		2-Wire Voice Grade Port (Centrex from diff Serving Wire Center) 2,3-Basic Local Area			UEP9D	UEPYM	1.15	90.38	57.27	48.66	8.77						
		2-Wire Voice Grade Port (Centrex/differ SWC /EBS-PSET)2,3,4 Basic Local Area			UEP9D	UEPYO	1.15	90.38	57.27	48.66	8.77						

UNBUNDLED NETWORK ELEMENTS - Alabama												Attachment: 3		Exhibit: A		
CATEGORY		RATE ELEMENTS	Interim	Zone	BCS	USOC	RATES (\$)				Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l
						Rec	Nonrecurring		Nonrecurring Disconnect		OSS Rates (\$)					
							First	Add'l	First	Add'l	SOMEc	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN
		2-Wire Voice Grade Port (Centrex/differ SWC /EBS-M5009)2,3,4 Basic Local Area			UEP9D	UEPYP	1.15	90.38	57.27	48.66	8.77					
		2-Wire Voice Grade Port (Centrex/differ SWC /EBS-5209)2,3,4 Basic Local Area			UEP9D	UEPYQ	1.15	90.38	57.27	48.66	8.77					
		2-Wire Voice Grade Port (Centrex/differ SWC /EBS-M5112)2,3,4 Basic Local Area			UEP9D	UEPYR	1.15	90.38	57.27	48.66	8.77					
		2-Wire Voice Grade Port (Centrex/differ SWC /EBS-M5312)2,3,4 Basic Local Area			UEP9D	UEPYS	1.15	90.38	57.27	48.66	8.77					
		2-Wire Voice Grade Port (Centrex/differ SWC /EBS-M5008)2,3,4 Basic Local Area			UEP9D	UEPY4	1.15	90.38	57.27	48.66	8.77					
		2-Wire Voice Grade Port (Centrex/differ SWC /EBS-M5208)2, 3 Basic Local Area			UEP9D	UEPY5	1.15	90.38	57.27	48.66	8.77					
		2-Wire Voice Grade Port (Centrex/differ SWC /EBS-M5216)2,3,4 Basic Local Area			UEP9D	UEPY6	1.15	90.38	57.27	48.66	8.77					
		2-Wire Voice Grade Port (Centrex/differ SWC /EBS-M5316)2,3,4 Basic Local Area			UEP9D	UEPY7	1.15	90.38	57.27	48.66	8.77					
		2-Wire Voice Grade Port, Diff Serving Wire Center - 800 Service Term 2,3			UEP9D	UEPYZ	1.15	90.38	57.27	48.66	8.77					
		2-Wire Voice Grade Port terminated in on Megalink or equivalent Basic Local Area			UEP9D	UEPY9	1.15	40.19	19.83	24.91	6.63					
		2-Wire Voice Grade Port Terminated on 800 Service Term Basic Local Area			UEP9D	UEPY2	1.15	40.19	19.83	24.91	6.63					
	AL, KY, LA, MS, SC, & TN Only															
		2-Wire Voice Grade Port (Centrex)			UEP9D	UEPQA	1.15	40.19	19.83	24.91	6.63					
		2-Wire Voice Grade Port (Centrex 800 termination)			UEP9D	UEPQB	1.15	40.19	19.83	24.91	6.63					
		2-Wire Voice Grade Port (Centrex / EBS-PSET)4			UEP9D	UEPQC	1.15	40.19	19.83	24.91	6.63					
		2-Wire Voice Grade Port (Centrex / EBS-M5009)4			UEP9D	UEPQD	1.15	40.19	19.83	24.91	6.63					
		2-Wire Voice Grade Port (Centrex / EBS-M5209)4			UEP9D	UEPQE	1.15	40.19	19.83	24.91	6.63					
		2-Wire Voice Grade Port (Centrex / EBS-M5112)4			UEP9D	UEPQF	1.15	40.19	19.83	24.91	6.63					
		2-Wire Voice Grade Port (Centrex / EBS-M5312)4			UEP9D	UEPQG	1.15	40.19	19.83	24.91	6.63					
		2-Wire Voice Grade Port (Centrex / EBS-M5008)4			UEP9D	UEPQT	1.15	40.19	19.83	24.91	6.63					
		2-Wire Voice Grade Port (Centrex / EBS-M5208)4			UEP9D	UEPQU	1.15	40.19	19.83	24.91	6.63					
		2-Wire Voice Grade Port (Centrex / EBS-M5216)4			UEP9D	UEPQV	1.15	40.19	19.83	24.91	6.63					
		2-Wire Voice Grade Port (Centrex / EBS-M5316)4			UEP9D	UEPQ3	1.15	40.19	19.83	24.91	6.63					
		2-Wire Voice Grade Port (Centrex with Caller ID)			UEP9D	UEPQH	1.15	40.19	19.83	24.91	6.63					
		2-Wire Voice Grade Port (Centrex/Caller ID/Msg Wtg Lamp Indication)4			UEP9D	UEPQW	1.15	40.19	19.83	24.91	6.63					
		2-Wire Voice Grade Port (Centrex/Msg Wtg Lamp Indication)4			UEP9D	UEPQJ	1.15	40.19	19.83	24.91	6.63					
		2-Wire Voice Grade Port (Centrex from diff Serving Wire Center) 2,3			UEP9D	UEPQM	1.15	90.38	57.27	48.66	8.77					
		2-Wire Voice Grade Port (Centrex/differ SWC /EBS-PSET)2,3,4			UEP9D	UEPQO	1.15	90.38	57.27	48.66	8.77					
		2-Wire Voice Grade Port (Centrex/differ SWC /EBS-M5009)2,3,4			UEP9D	UEPQP	1.15	90.38	57.27	48.66	8.77					
		2-Wire Voice Grade Port (Centrex/differ SWC /EBS-5209)2,3,4			UEP9D	UEPQQ	1.15	90.38	57.27	48.66	8.77					
		2-Wire Voice Grade Port (Centrex/differ SWC /EBS-M5112)2,3,4			UEP9D	UEPQR	1.15	90.38	57.27	48.66	8.77					
		2-Wire Voice Grade Port (Centrex/differ SWC /EBS-M5312)2,3,4			UEP9D	UEPQS	1.15	90.38	57.27	48.66	8.77					
		2-Wire Voice Grade Port (Centrex/differ SWC /EBS-M5008)2,3,4			UEP9D	UEPQ4	1.15	90.38	57.27	48.66	8.77					
		2-Wire Voice Grade Port (Centrex/differ SWC /EBS-M5208)2,3,4			UEP9D	UEPQ5	1.15	90.38	57.27	48.66	8.77					
		2-Wire Voice Grade Port (Centrex/differ SWC /EBS-M5216)2,3,4			UEP9D	UEPQ6	1.15	90.38	57.27	48.66	8.77					
		2-Wire Voice Grade Port (Centrex/differ SWC /EBS-M5316)2,3,4			UEP9D	UEPQ7	1.15	90.38	57.27	48.66	8.77					

UNBUNDLED NETWORK ELEMENTS - Alabama											Attachment: 3		Exhibit: A			
CATEGORY	RATE ELEMENTS		Interim	Zone	BCS	USOC	RATES (\$)				Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l
							Rec	Nonrecurring		Nonrecurring Disconnect		OSS Rates (\$)				
								First	Add'l	First	Add'l	SOMEc	SOMAN	SOMAN	SOMAN	SOMAN
		2-Wire Voice Grade Port, Diff Serving Wire Center - 800 Service Term 2,3			UEP9D	UEPQZ	1.15	90.38	57.27	48.66	8.77					
		2-Wire Voice Grade Port terminated in on Megalink or equivalent			UEP9D	UEPQ9	1.15	40.19	19.83	24.91	6.63					
		2-Wire Voice Grade Port Terminated on 800 Service Term			UEP9D	UEPQ2	1.15	40.19	19.83	24.91	6.63					
		Local Switching														
		Centrex Intercom Funtionality, per port			UEP9D	URECS	0.5488									
		Local Number Portability														
		Local Number Portability (1 per port)			UEP9D	LNPCc	0.35									
		Features														
		All Standard Features Offered, per port			UEP9D	UEPVF	1.98									
		All Select Features Offered, per port			UEP9D	UEPVS	0.00	405.52								
		All Centrex Control Features Offered, per port			UEP9D	UEPVC	1.98									
		NARS														
		Unbundled Network Access Register - Combination			UEP9D	UARCX	0.00	0.00	0.00	0.00	0.00					
		Unbundled Network Access Register - Inward			UEP9D	UAR1X	0.00	0.00	0.00	0.00	0.00					
		Unbundled Network Access Register - Outdial			UEP9D	UAROx	0.00	0.00	0.00	0.00	0.00					
		Miscellaneous Terminations														
		2-Wire Trunk Side														
		Trunk Side Terminations, each			UEP9D	CEND6	8.05	119.31	18.74	59.90	3.76					
		4-Wire Digital (1.544 Megabits)														
		DS1 Circuit Terminations, each			UEP9D	M1HD1	60.09	202.02	95.69	72.59	2.46					
		DS0 Channels Activiated per Channel			UEP9D	M1HDO	0.00	14.48								
		Interoffice Channel Mileage - 2-Wire														
		Interoffice Channel Facilities Termination			UEP9D	M1GBC	21.13	40.54	27.41	16.74	6.90					
		Interoffice Channel mileage, per mile or fraction of mile			UEP9D	M1GBM	0.008838									
		Feature Activations (DS0) Centrex Loops on Channelized DS1 Service														
		D4 Channel Bank Feature Activations														
		Feature Activation on D-4 Channel Bank Centrex Loop Slot			UEP9D	1PQWS	0.56									
		Feature Activation on D-4 Channel Bank FX line Side Loop Slot			UEP9D	1PQW6	0.56									
		Feature Activation on D-4 Channel Bank FX Trunk Side Loop Slot			UEP9D	1PQW7	0.56									
		Feature Activation on D-4 Channel Bank Centrex Loop Slot - Different Wire Center			UEP9D	1PQWP	0.56									
		Feature Activation on D-4 Channel Bank Private Line Loop Slot			UEP9D	1PQWV	0.56									
		Feature Activation on D-4 Channel Bank Tjie Line/Trunk Loop Slot			UEP9D	1PQWQ	0.56									
		Feature Activation on D-4 Channel Bank WATS Loop Slot			UEP9D	1PQWA	0.56									
		Non-Recurring Charges (NRC) Associated with UNE-P Centrex														
		NRC Conversion Currently Combined Switch-As-Is with allowed changes, per port			UEP9D	USAC2		0.10	0.10							
		Conversion of existing Centrex Common Block, each			UEP9D	USACN		37.75	16.58							
		New Centrex Standard Common Block			UEP9D	M1ACS	0.00	667.21								
		New Centrex Customized Common Block			UEP9D	M1ACC	0.00	667.21								
		NAR Establishment Charge, Per Occasion			UEP9D	URECA	0.00	72.73								
		Additional Non-Recurring Charges (NRC)														
		Unbundled Miscellaneous Rate Element, Tag Loop at End Use Premise			UEP9D	URETL		8.33	0.83							
		Unbundled Miscellaneous Rate Element, Tag Design Loop at End Use Premise			UEP9D	URETN		11.21	1.10							
		UNE-P CENTREX - EWSD (Valid in AL, FL, KY, LA, MS & TN)														
		2-Wire VG Loop/2-Wire Voice Grade Port (Centrex) Combo														
		UNE Port/Loop Combination Rates (Non-Design)														
		2-Wire VG Loop/2-Wire Voice Grade Port (Centrex) Port Combo - Non-Design		1	UEP9E		12.70									
		2-Wire VG Loop/2-Wire Voice Grade Port (Centrex)Port Combo - Non-Design		2	UEP9E		21.19									

UNBUNDLED NETWORK ELEMENTS - Alabama											Attachment: 3		Exhibit: A						
CATEGORY	RATE ELEMENTS					Interim	Zone	BCS	USOC	RATES (\$)				Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l
																		</	

UNBUNDLED NETWORK ELEMENTS - Alabama											Attachment: 3		Exhibit: A			
CATEGORY	RATE ELEMENTS	Interim	Zone	BCS	USOC	RATES (\$)				Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l	
						Rec	Nonrecurring		Nonrecurring Disconnect		OSS Rates (\$)					
							First	Add'l	First	Add'l	SOMEc	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN
	DS0 Channel Activated Per Channel			UEP9E	M1HDO	0.00	14.48									
	Interoffice Channel Mileage - 2-Wire															
	Interoffice Channel Facilities Termination			UEP9E	M1GBC	21.13	40.54	27.41	16.74	6.90						
	Interoffice Channel mileage, per mile or fraction of mile			UEP9E	M1GBM	0.008838										
	Feature Activations (DS0) Centrex Loops on Channelized DS1 Service															
	D4 Channel Bank Feature Activations															
	Feature Activation on D-4 Channel Bank Centrex Loop Slot			UEP9E	1PQWS	0.56										
	Feature Activation on D-4 Channel Bank FX line Side Loop Slot			UEP9E	1PQW6	0.56										
	Feature Activation on D-4 Channel Bank FX Trunk Side Loop Slot			UEP9E	1PQW7	0.56										
	Feature Activation on D-4 Channel Bank Centrex Loop Slot - Different Wire Center			UEP9E	1PQWP	0.56										
	Feature Activation on D-4 Channel Bank Private Line Loop Slot			UEP9E	1PQWV	0.56										
	Feature Activation on D-4 Channel Bank Tjje Line/Trunk Loop Slot			UEP9E	1PQWQ	0.56										
	Feature Activation on D-4 Channel Bank WATS Loop Slot			UEP9E	1PQWA	0.56										
	Non-Recurring Charges (NRC) Associated with UNE-P Centrex															
	NRC Conversion Currently Combined Switch-As-Is with allowed changes, per port			UEP9E	USAC2		0.10	0.10								
	Conversion of Existing Centrex Common Block, each			UEP9E	USACN		37.75	16.58								
	New Centrex Standard Common Block			UEP9E	M1ACS	0.00	667.21									
	New Centrex Customized Common Block			UEP9E	M1ACC	0.00	667.21									
	NAR Establishment Charge, Per Occasion			UEP9E	URECA	0.00	72.73									
	Additional Non-Recurring Charges (NRC)															
	Unbundled Miscellaneous Rate Element, Tag Loop at End Use Premise			UEP9E	URETL		8.33	0.83								
	Unbundled Miscellaneous Rate Element, Tag Design Loop at End Use Premise			UEP9E	URETN		11.21	1.10								
	UNE-P CENTREX - DCO - Valid in AL, KY, LA, MS, & TN)															
	2-Wire VG Loop/2-Wire Voice Grade Port (Centrex) Combo															
	UNE Port/Loop Combination Rates (Non-Design)															
	2-Wire VG Loop/2-Wire Voice Grade Port (Centrex) Port Combo - Non-Design		1	UEP93		12.70										
	2-Wire VG Loop/2-Wire Voice Grade Port (Centrex)Port Combo - Non-Design		2	UEP93		21.19										
	2-Wire VG Loop/2-Wire Voice Grade Port (Centrex)Port Combo - Non-Design		3	UEP93		34.80										
	UNE Port/Loop Combination Rates (Design)															
	2-Wire VG Loop/2-Wire Voice Grade Port (Centrex) Port Combo - Design		1	UEP93		15.53										
	2-Wire VG Loop/2-Wire Voice Grade Port (Centrex)Port Combo - Design		2	UEP93		24.00										
	2-Wire VG Loop/2-Wire Voice Grade Port (Centrex)Port Combo - Design		3	UEP93		37.29										
	UNE Loop Rate															
	2-Wire Voice Grade Loop (SL 1) - Zone 1		1	UEP93	UECS1	11.55										
	2-Wire Voice Grade Loop (SL 1) - Zone 2		2	UEP93	UECS1	20.04										
	2-Wire Voice Grade Loop (SL 1) - Zone 3		3	UEP93	UECS1	33.65										
	2-Wire Voice Grade Loop (SL 2) - Zone 1		1	UEP93	UECS2	14.38										
	2-Wire Voice Grade Loop (SL 2) - Zone 2		2	UEP93	UECS2	22.85										
	2-Wire Voice Grade Loop (SL 2) - Zone 3		3	UEP93	UECS2	36.14										
	UNE Port Rate															
	AL, KY, LA, MS, & TN only															
	2-Wire Voice Grade Port (Centrex) Basic Local Area			UEP93	UEPYA	1.15	40.19	19.83	24.91	6.63						
	2-Wire Voice Grade Port (Centrex 800 termination)Basic Local Area			UEP93	UEPYB	1.15	40.19	19.83	24.91	6.63						

UNBUNDLED NETWORK ELEMENTS - Alabama											Attachment: 3		Exhibit: A				
CATEGORY	RATE ELEMENTS		Interim	Zone	BCS	USOC	RATES (\$)				Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l	
							Rec	Nonrecurring		Nonrecurring Disconnect		OSS Rates (\$)					
								First	Add'l	First	Add'l	SOMEc	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN
		2-Wire Voice Grade Port (Centrex with Caller ID)1Basic Local Area			UEP93	UEPYH	1.15	40.19	19.83	24.91	6.63						
		2-Wire Voice Grade Port (Centrex from diff Serving Wire Center)2,3 Basic Local Area			UEP93	UEPYM	1.15	90.38	57.27	48.66	8.77						
		2-Wire Voice Grade Port, Diff Serving Wire Center - 2,3 - 800 Service Term - Basic Local Area			UEP93	UEPYZ	1.15	90.38	57.27	48.66	8.77						
		2-Wire Voice Grade Port terminated in on Megalink or equivalent - Basic Local Area			UEP93	UEPY9	1.15	40.19	19.83	24.91	6.63						
		2-Wire Voice Grade Port Terminated on 800 Service Term - Basic Local Area			UEP93	UEPY2	1.15	40.19	19.83	24.91	6.63						
		2-Wire Voice Grade Port (Centrex)			UEP93	UEPQA	1.15	40.19	19.83	24.91	6.63						
		2-Wire Voice Grade Port (Centrex 800 termination)			UEP93	UEPQB	1.15	40.19	19.83	24.91	6.63						
		2-Wire Voice Grade Port (Centrex with Caller ID)1			UEP93	UEPQH	1.15	40.19	19.83	24.91	6.63						
		2-Wire Voice Grade Port (Centrex from diff Serving Wire Center)2,3			UEP93	UEPQM	1.15	90.38	57.27	48.66	8.77						
		2-Wire Voice Grade Port, Diff Serving Wire Center - 2,3 -800 Service Term			UEP93	UEPQZ	1.15	90.38	57.27	48.66	8.77						
		2-Wire Voice Grade Port terminated in on Megalink or equivalent			UEP93	UEPQ9	1.15	40.19	19.83	24.91	6.63						
		2-Wire Voice Grade Port Terminated on 800 Service Term			UEP93	UEPQ2	1.15	40.19	19.83	24.91	6.63						
	Local Switching																
		Centrex Intercom Funtionality, per port			UEP93	URECS	0.5488										
	Local Number Portability																
		Local Number Portability (1 per port)			UEP93	LNPCc	0.35										
	Features																
		All Standard Features Offered, per port			UEP93	UEPVF	1.98										
		All Centrex Control Features Offered, per port			UEP93	UEPVC	1.98										
	NARS																
		Unbundled Network Access Register - Combination			UEP93	UARCX	0.00	0.00	0.00	0.00	0.00						
		Unbundled Network Access Register - Indial			UEP93	UAR1X	0.00	0.00	0.00	0.00	0.00						
		Unbundled Network Access Register - Outdial			UEP93	UAROx	0.00	0.00	0.00	0.00	0.00						
	Miscellaneous Terminations																
	2-Wire Trunk Side																
		Trunk Side Terminations, each			UEP93	CEND6	8.05	119.31	18.74	59.90	3.76						
	4-Wire Digital (1.544 Megabits)																
		DS1 Circuit Terminations, each			UEP93	M1HD1	60.09	202.02	95.69	72.59	2.46						
		DS0 Channels Activated, Per Channel			UEP93	M1HDO	0.00	14.48									
	Interoffice Channel Mileage - 2-Wire																
		Interoffice Channel Facilities Termination			UEP93	M1GBC	21.13	40.54	27.41	16.74	6.90						
		Interoffice Channel mileage, per mile or fraction of mile			UEP93	M1GBM	0.008838										
	Feature Activations (DS0) Centrex Loops on Channelized DS1 Service																
	D4 Channel Bank Feature Activations																
		Feature Activation on D-4 Channel Bank Centrex Loop Slot			UEP93	1PQWS	0.56										
		Feature Activation on D-4 Channel Bank FX Line Side Loop Slot			UEP93	1PQW6	0.56										
		Feature Activation on D-4 Channel Bank FX Trunk Side Loop Slot			UEP93	1PQW7	0.56										
		Feature Activation on D-4 Channel Bank Centrex Loop Slot - Different Wire Center			UEP93	1PQWP	0.56										
		Feature Activation on D-4 Channel Bank Private Line Loop Slot			UEP93	1PQWV	0.56										
		Feature Activation on D-4 Channel Bank Tie Line/Trunk Loop Slot			UEP93	1PQWQ	0.56										
		Feature Activation on D-4 Channel Bank WATS Loop Slot			UEP93	1PQWA	0.56										
	Non-Recurring Charges (NRC) Associated with UNE-P Centrex																
		NRC Conversion Currently Combined Switch-As-Is with allowed changes, per port			UEP93	USAC2		0.10	0.10								
		Conversion of Existing Centrex Common Block, each			UEP93	USACN		37.75	16.58								
		New Centrex Standard Common Block			UEP93	M1ACS	0.00	667.21									

UNBUNDLED NETWORK ELEMENTS - Alabama													Attachment: 3		Exhibit: A		
CATEGORY	RATE ELEMENTS	Interim	Zone	BCS	USOC	RATES (\$)	Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l					
						Rec	Nonrecurring		Nonrecurring Disconnect		OSS Rates (\$)						
							First	Add'l	First	Add'l	SOME C	SOMAN	SOMAN	SOMAN	SOMAN		
				UEP93	M1ACC	0.00	667.21										
				UEP93	URECA	0.00	72.73										
	Additional Non-Recurring Charges (NRC)																
				UEP93	URETL		8.33	0.83									
				UEP93	URETN		11.21	1.10									
	Note 1 - Required Port for Centrex Control in 1AESS, 5ESS & EWSD																
	Note 2 - Requires Interoffice Channel Mileage																
	Note 3 - Installation is combination of Installation charge for SL2 Loop and Port																
	Note 4 - Requires Specific Customer Premises Equipment																
	Note: Rates displaying an "R" in Interim column are interim and subject to rate true-up as set forth in General Terms and Conditions.																

LOCAL INTERCONNECTION - Alabama											Attachment: 3		Exhibit: B			
CATEGORY	RATE ELEMENTS			Interim	Zone	BCS	USOC	RATES (\$)			Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l
							Rec	Nonrecurring		Nonrecurring Disconnect		OSS Rates (\$)				
								First	Add'l	First	Add'l	SOMEc	SOMAN	SOMAN	SOMAN	SOMAN
LOCAL INTERCONNECTION (CALL TRANSPORT AND TERMINATION)																
NOTE: "bk" beside a rate indicates that the Parties have agreed to bill and keep for that element pursuant to the terms and conditions in Attachment 3.																
TANDEM SWITCHING																
		Tandem Switching Function Per MOU			OHD		0.0004980bk									
		Multiple Tandem Switching, per MOU (applies to intial tandem only)			OHD		0.000498									
		Tandem Intermediary Charge, per MOU*			OHD		0.0015									
* This charge is applicable only to transit traffic and is applied in addition to applicable switching and/or interconnection charges.																
TRUNK CHARGE																
		Installation Trunk Side Service - per DS0			OHD	TPP++		21.56	8.12							
		Dedicated End Office Trunk Port Service-per DS0**			OHD	TDEOP	0.00									
		Dedicated End Office Trunk Port Service-per DS1**			OH1 OH1MS	TDE1P	0.00									
		Dedicated Tandem Trunk Port Service-per DS0**			OHD	TDWOP	0.00									
		Dedicated Tandem Trunk Port Service-per DS1**			OH1 OH1MS	TDW1P	0.00									
** This rate element is recovered on a per MOU basis and is included in the End Office Switching and Tandem Switching, per MOU rate elements																
COMMON TRANSPORT (Shared)																
		Common Transport - Per Mile, Per MOU			OHD		0.0000023bk									
		Common Transport - Facilities Termination Per MOU			OHD		0.0003224bk									
LOCAL INTERCONNECTION (DEDICATED TRANSPORT)																
INTEROFFICE CHANNEL - DEDICATED TRANSPORT																
		Interoffice Channel - Dedicated Transport - 2-Wire Voice Grade - Per Mile per month			OHL, OHM	1L5NF	0.008838									
		Interoffice Channel - Dedicated Transport- 2- Wire Voice Grade - Facility Termination per month			OHL, OHM	1L5NF	21.13	40.54	27.41	16.74	6.90					
		Interoffice Channel - Dedicated Transport - 56 kbps - per mile per month			OHL, OHM	1L5NK	0.008838									
		Interoffice Channel - Dedicated Transport - 56 kbps - Facility Termination per month			OHL, OHM	1L5NK	15.12	40.54	27.41	16.74	6.90					
		Interoffice Channel - Dedicated Transport - 64 kbps - per mile per month			OHL, OHM	1L5NK	0.008838									
		Interoffice Channel - Dedicated Transport - 64 kbps - Facility Termination per month			OHL, OHM	1L5NK	15.12	40.54	27.41	16.74	6.90					
		Interoffice Channel - Dedicated Channel - DS1 - Per Mile per month			OH1, OH1MS	1L5NL	0.18									
		Interoffice Channel - Dedicated Tranport - DS1 - Facility Termination per month			OH1, OH1MS	1L5NL	60.16	89.27	81.81	16.35	14.44					
		Interoffice Channel - Dedicated Transport - DS3 - Per Mile per month			OH3, OH3MS	1L5NM	4.09									
		Interoffice Channel - Dedicated Transport - DS3 - Facility Termination per month			OH3, OH3MS	1L5NM	703.52	278.75	162.76	60.20	58.46					
LOCAL CHANNEL - DEDICATED TRANSPORT																
		Local Channel - Dedicated - 2-Wire Voice Grade per month			OHL, OHM	TEFV2	13.97	193.10	33.17	36.64	3.20					
		Local Channel - Dedicated - 4-Wire Voice Grade per month			OHL, OHM	TEFV4	14.93	193.53	33.60	37.11	3.67					
		Local Channel - Dedicated - DS1 per month			OH1	TEFHG	35.76	177.47	153.72	22.19	15.26					
		Local Channel - Dedicated - DS3 Facility Termination per month			OH3	TEFHJ	416.54	451.52	263.94	119.49	83.58					
LOCAL INTERCONNECTION MID-SPAN MEET																
NOTE: If Access service ride Mid-Span Meet, one-half the tariffed service Local Channel rate is applicable.																
		Local Channel - Dedicated - DS1 per month			OH1MS	TEFHG	0.00	0.00								
		Local Channel - Dedicated - DS3 per month			OH3MS	TEFHJ	0.00	0.00								
MULTIPLEXERS																
		Channelization - DS1 to DS0 Channel System			OH1, OH1MS	SATN1	101.06	91.04	62.57	10.54	9.79					
		DS3 to DS1 Channel System per month			OH3, OH3MS	SATNS	166.13	178.14	93.97	33.26	31.63					
		DS3 Interface Unit (DS1 COC) per month			OH1, OH1MS	SATCO	12.70	6.58	4.72							
Notes: If no rate is identified in the contract, the rates, terms, and conditions for the specific service or function will be as set forth in applicable BellSouth tariff.																

Attachment 5

Physical Collocation

BELLSOUTH**PHYSICAL COLLOCATION****1. Scope of Attachment**

- 1.1 The rates, terms, and conditions contained within this Attachment shall only apply when ACN is physically collocated as a sole occupant or as a Host within a “BellSouth Premises” location pursuant to this Attachment. “BellSouth Premises” include BellSouth Central Offices and Serving Wire Centers (hereinafter “BellSouth Premises”). This Attachment is applicable to “BellSouth Premises” owned or leased by BellSouth. However, if the “BellSouth Premises” occupied by BellSouth is leased by BellSouth from a third party, special considerations and intervals may apply in addition to the terms and conditions contained in this Attachment.
- 1.2 Right to Occupy. BellSouth shall offer to ACN collocation on rates, terms, and conditions that are just, reasonable, non-discriminatory and consistent with the rules of the FCC. Subject to the rates, terms and conditions of this Attachment, where space is available and it is technically feasible, BellSouth will allow ACN to occupy a certain area designated by BellSouth within a “BellSouth Premises”, or on BellSouth property upon which the “BellSouth Premises” is located, of a size which is specified by ACN and agreed to by BellSouth (hereinafter “Collocation Space”). The necessary rates, terms and conditions for h premises as defined by the FCC, other than BellSouth Premises, shall be negotiated upon reasonable request for collocation at such premises.
- 1.2.1 Neither BellSouth nor any of BellSouth’s affiliates may reserve space for future use on more preferential terms than those set forth in this Attachment.
- 1.2.1.1 In all states other than Florida, the size specified by ACN may contemplate a request for space sufficient to accommodate ACN’s growth within a twenty-four (24) month period.
- 1.2.1.2 In the state of Florida, the size specified by ACN may contemplate a request for space sufficient to accommodate ACN’s growth within an eighteen (18) month period.
- 1.3 Space Allocation. BellSouth shall attempt to accommodate ACN's requested space preferences, if any. In allocating Collocation Space, BellSouth shall not materially increase ACN's cost or materially delay ACN's occupation and use of the Collocation Space, assign Collocation Space that will impair the quality of service or otherwise limit the service ACN wishes to offer, reduce unreasonably the total space available for physical collocation or preclude unreasonable physical collocation within the “BellSouth Premises”. Space shall not be available for collocation if it is: (a) physically occupied by non-obsolete equipment; (b) assigned to another collocated telecommunications carrier; (c) used to provide physical access to occupied space; (d) used to enable technicians to work on equipment located within occupied space; (e)

- properly reserved for future use, either by BellSouth or another collocated telecommunications carrier; or (f) essential for the administration and proper functioning of the “BellSouth Premises”. BellSouth may segregate Collocation Space and require separate entrances for collocated telecommunications carriers to access their Collocation Space, pursuant to FCC Rules.
- 1.4 Space Reclamation. In the event of space exhaust within a “BellSouth Premises”, BellSouth may include in its documentation for the Petition for Waiver filed with the Commission, any unutilized space in the “BellSouth Premises”, including unutilized space held by ACN and other collocated telecommunications carriers in BellSouth’s Premises. ACN will be responsible for the justification of unutilized space within its Collocation Space, if the Commission requires such justification.
- 1.4.1 If physical Collocation Space is needed to accommodate another telecommunication carrier’s request for physical collocation or BellSouth’s own immediate space needs, BellSouth may reclaim from ACN any physical Collocation Space that is not being “efficiently used” or that cannot be proven to be needed within the two (2) year (18 months in Florida) planning period. This term (“efficiently used”) shall mean that substantially all of the floor space is taken up by ACN’s collocated equipment as described in Section 5.1 of this Attachment. In addition, BellSouth may reclaim, for the same reasons as those stated above, any space that is not being used at all to house ACN’s equipment and/or facilities for collocation purposes. ACN will have one hundred eighty (180) calendar days from receipt of notice by BellSouth to ACN of the need for such physical Collocation Space to ensure that such space is being used in accordance with the terms and conditions herein and shall be responsible to justify to the Commission, if the Commission requires such justification.
- 1.5 Use of Space. ACN shall use the Collocation Space for the purpose of installing, maintaining and operating ACN’s equipment (including testing and monitoring equipment) necessary for interconnection with BellSouth’s services/facilities or for accessing BellSouth’s unbundled network elements for the provision of telecommunications services, as specifically set forth in this Agreement. The Collocation Space assigned to ACN may not be used for any purposes other than as specifically described herein or in any amendment hereto.
- 1.6 Rates and Charges. ACN agrees to pay the rates and charges identified in Exhibit B attached hereto.
- 1.7 If any due date contained in this Attachment falls on a weekend or a National holiday, the due date will be the next business day thereafter. For intervals of ten (10) calendar days or less, National holidays will be excluded.
- 1.8 The Parties agree to comply with all applicable federal, state, county, local and administrative laws, rules, ordinances, regulations and codes in the performance of their obligations hereunder.

2. Space Availability Report

2.1 Space Availability Report. Upon request from ACN and at the ACN's expense, BellSouth will provide a written report (Space Availability Report) describing in detail the space that is currently available for collocation at a particular "BellSouth Premises". This report will include the amount of Collocation Space available at the "BellSouth Premises" requested, the number of collocators present at the "BellSouth Premises", any modifications in the use of the space since the last report on the "BellSouth Premises" requested and the measures BellSouth is taking to make additional space available for collocation arrangements. A Space Availability Report does not reserve space at the "BellSouth Premises" for which the Space Availability Report was requested by ACN.

2.1.1 The request from ACN for a Space Availability Report must be in writing and include the "BellSouth Premises" street address, as identified in the Local Exchange Routing Guide (LERG) and Common Language Location Identification (CLLI) code of the "BellSouth Premises". CLLI code information is located in the National Exchange Carrier Association (NECA) Tariff FCC No. 4.

2.1.2 BellSouth will respond to a request for a Space Availability Report for a particular "BellSouth Premises" within ten (10) calendar days of the receipt of such a request. BellSouth will make its best efforts to respond in ten (10) calendar days to a Space Availability Report request when the request includes from two (2) to five (5) "BellSouth Premises" within the same state. The response time for Space Availability Report requests of more than five (5) "BellSouth Premises", whether the request are for the same state or for two or more states within the BellSouth Region, shall be negotiated between the Parties. If BellSouth cannot meet the ten (10) calendar day response time, BellSouth shall notify ACN and inform ACN of the timeframe under which it can respond.

3. Collocation Options

3.1 Cageless. BellSouth shall allow ACN to collocate ACN's equipment and facilities without requiring the construction of a cage or similar structure. BellSouth shall allow ACN to have direct access to ACN's equipment and facilities in accordance with Section 5.9. BellSouth shall make cageless collocation available in single bay increments. Except where ACN's equipment requires special technical considerations (e.g., special cable racking or isolated ground plane), BellSouth shall assign cageless Collocation Space in conventional equipment rack lineups where feasible. For equipment requiring special technical considerations, ACN must provide the equipment layout, including spatial dimensions for such equipment pursuant to generic requirements contained in Telcordia GR-63-Core, and shall be responsible for compliance with all special technical requirements associated with such equipment.

- 3.2 Caged. At ACN's expense, ACN will arrange with a Supplier certified by BellSouth (BellSouth Certified Supplier) to construct a collocation arrangement enclosure in accordance with BellSouth's Technical References (TRs) (hereinafter referred to as Specifications) prior to starting equipment installation. BellSouth will provide Specifications upon request. Where local building codes require enclosure specifications more stringent than BellSouth's enclosure Specifications, ACN and ACN's BellSouth Certified Supplier must comply with the more stringent local building code requirements. ACN's BellSouth Certified Supplier shall be responsible for filing and obtaining any and all necessary permits and/or licenses for such construction. BellSouth shall cooperate with ACN and provide, at ACN's expense, the documentation, including existing building architectural drawings, enclosure drawings, and Specifications required and necessary for ACN's BellSouth Certified Supplier to obtain all necessary permits and/or other licenses. ACN's BellSouth Certified Supplier shall bill ACN directly for all work performed for ACN to comply with this Attachment. BellSouth shall have no liability for, nor responsibility to pay, such charges imposed by ACN's BellSouth Certified Supplier. ACN must provide the local BellSouth Central Office Building Contact with two (2) Access Keys that will allow entry into the locked enclosure. Except in the case of an emergency, BellSouth will not access ACN's locked enclosure prior to notifying ACN at least forty-eight (48) hours or two (2) business days, whichever is greater, before access to the Collocation Space is required. Upon request, BellSouth shall construct the enclosure for ACN.
- 3.2.1 BellSouth may elect to review ACN's plans and specifications prior to allowing construction to start, to ensure compliance with BellSouth's Specifications. BellSouth will notify ACN of its desire to execute this review in BellSouth's response to the Initial Application, if ACN has indicated its desire to construct its own enclosure. If ACN's Initial Application does not indicate its desire to construct its own enclosure, but its subsequent firm order does indicate its desire to construct its own enclosure, then notification to review will be given within ten (10) calendar days after the date the firm order has been received by BellSouth. BellSouth shall complete its review within fifteen (15) calendar days after the receipt of ACN's plans and specifications. Regardless of whether or not BellSouth elects to review ACN's plans and specifications, BellSouth reserves the right to inspect the enclosure after construction has been completed to ensure that it is constructed according to ACN's submitted plans and specifications and/or BellSouth's Specifications, as applicable. If BellSouth decides to inspect the constructed Collocation Space, BellSouth will complete its inspection within fifteen (15) calendar days after receipt of written notification of completion of the enclosure from ACN. BellSouth shall require ACN to remove or correct within seven (7) calendar days, at ACN's expense, any structure that does not meet ACN's plans and specifications or BellSouth's Specifications, as applicable.
- 3.3 Shared Caged Collocation. ACN may allow other telecommunications carriers to share ACN's caged collocation arrangement, pursuant to the terms and conditions agreed to by ACN (Host) and the other telecommunications carriers (Guests)

contained in this Section, except where the “BellSouth Premises” is located within a leased space and BellSouth is prohibited by said lease from offering such an option to ACN. BellSouth shall be notified in writing by ACN upon the execution of any agreement between the Host and its Guest(s) within ten (10) calendar days of its execution and prior to the submission of any Firm Orders. Further, such notification shall include the name of the Guest(s), the term of the agreement, and a certification by ACN that said agreement imposes upon the Guest(s) the same terms and conditions for Collocation Space as set forth in this Attachment between BellSouth and ACN. The term of the agreement between the Host and its Guest(s) shall not exceed the term of this Attachment between BellSouth and ACN.

- 3.3.1 ACN, as the Host, shall be the sole interface and responsible Party to BellSouth for the assessment and billing of rates and charges contained within this Attachment. ACN is also responsible for ensuring that the safety and security requirements of this Attachment are fully complied with by the Guest(s), its employees and agents. BellSouth shall provide ACN with a proration of the costs of the Collocation Space based on the number of collocators and the space used by each. There will be a minimum charge of one (1) bay/rack per Host/Guest. In addition to the above, for all states other than Florida, ACN shall be the responsible party to BellSouth for the purpose of submitting applications for initial and additional equipment placement for the Guest(s). In Florida, the Guest(s) may submit its own initial and subsequent equipment placement applications using the Host’s Access Carrier Name Abbreviation (ACNA). A separate Guest application shall result in the assessment of an Initial Application Fee or a Subsequent Application Fee, as set forth in Exhibit B, which will be billed to the Host on the date that BellSouth provides its written response to the Guest(s) Bona Fide Application (Application Response).
- 3.3.2 Notwithstanding the foregoing, the Guest(s) may submit service orders directly to BellSouth to request the provisioning of interconnecting facilities between BellSouth and the Guest(s), the provisioning of services, and access to unbundled network elements. The bill for these interconnecting facilities, services and UNEs will be charged to the Guest(s) pursuant to the applicable Tariff or the Guest’s Interconnection Agreement with BellSouth.
- 3.3.3 ACN shall indemnify and hold harmless BellSouth from any and all claims, actions, causes of action, of whatever kind or nature arising out of the presence of ACN’s Guest(s) in the Collocation Space, except to the extent caused by BellSouth’s sole negligence, gross negligence, or willful misconduct.
- 3.4 Adjacent Collocation. Subject to technical feasibility and space availability, BellSouth will permit an adjacent collocation arrangement (Adjacent Arrangement) on “BellSouth Premises” property only when space within the requested “BellSouth Premises” is legitimately exhausted and where the Adjacent Arrangement does not interfere with access to existing or planned structures or facilities on the “BellSouth Premises” property. An Adjacent Arrangement shall be procured by ACN or

- constructed by the ACN's BellSouth Certified Supplier and must be in conformance with BellSouth's design and construction Specifications. Further, ACN shall construct, procure, maintain and operate said Adjacent Arrangement(s) pursuant to all of the rates, terms and conditions set forth in this Attachment.
- 3.4.1 If ACN requests Adjacent Collocation, pursuant to the conditions stated in 3.4 above, ACN must arrange with a BellSouth Certified Supplier to construct the Adjacent Arrangement structure in accordance with BellSouth's Specifications. BellSouth will provide the appropriate Specifications upon request. Where local building codes require enclosure specifications more stringent than BellSouth's Specifications, ACN and ACN's BellSouth Certified Supplier shall comply with the more stringent local building code requirements. ACN's BellSouth Certified Supplier shall be responsible for filing and receiving any and all necessary zoning, permits and/or licenses for such construction. ACN's BellSouth Certified Supplier shall bill ACN directly for all work performed for ACN to comply with this Attachment. BellSouth shall have no liability for, nor responsibility to pay, such charges imposed by ACN's BellSouth Certified Supplier. ACN must provide the local BellSouth Central Office Building Contact with two (2) cards, keys or other access devices used to gain entry into the locked enclosure. Except in the case of an emergency, BellSouth will not access ACN's locked enclosure prior to notifying ACN at least forty-eight (48) hours or two (2) business days, whichever is greater, before access to the Collocation Space is required.
- 3.4.2 ACN must submit its Adjacent Arrangement construction plans and specifications to BellSouth when it places its firm order. BellSouth shall review ACN's plans and specifications prior to the construction of an Adjacent Arrangement(s) to ensure ACN's compliance with BellSouth's Specifications. BellSouth shall complete its review within fifteen (15) calendar days after receipt of the plans and specifications from ACN for the Adjacent Arrangement. BellSouth may inspect the Adjacent Arrangement during and after construction is completed to ensure that it is constructed according to ACN's submitted plans and specifications. If BellSouth decides to inspect the completed Adjacent Arrangement, BellSouth will complete its inspection within fifteen (15) calendar days after receipt of written notification of completion of the enclosure from ACN. BellSouth shall require ACN to remove or correct within seven (7) calendar days, at ACN's expense, any structure that does not meet its submitted plans and specifications or BellSouth's Specifications, as applicable.
- 3.4.3 ACN shall provide a concrete pad, the structure housing the arrangement, heating/ventilation/air conditioning (HVAC), lighting, and all of the facilities that are required to connect the structure (i.e., racking, conduits, etc.) to the BellSouth point of demarcation. At ACN's option, and where the local authority having jurisdiction permits, BellSouth shall provide an AC power source and access to physical collocation services and facilities, subject to the same nondiscriminatory requirements as those applicable to any other physical collocation arrangement. In Alabama and Louisiana, BellSouth will provide DC power to Adjacent Collocation sites where technically feasible, as that term has been defined by the FCC, subject to individual case basis (ICB) pricing. ACN's BellSouth Certified Supplier shall be responsible, at

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- ACN's sole expense, for filing and obtaining any and all necessary permits and/or licenses for an Adjacent Arrangement. BellSouth shall allow Shared Caged Collocation within an Adjacent Arrangement, pursuant to the terms and conditions set forth in Section 3.3 above.
- 3.5 Direct Connect. BellSouth will permit ACN to directly interconnect between its own virtual/physical Collocation Space within the same central office by utilizing a Direct Connect. ACN shall contract with a BellSouth Certified Supplier to place the Direct Connect, which shall be provisioned using facilities owned by ACN. ACN-provisioned DC's shall utilize BellSouth common cable support structure. There will be a recurring charge per linear foot, and a nonrecurring charge per cable, of the actual common cable support structure used by ACN to provision the Direct Connects between its virtual/physical Collocation Spaces. In those instances where ACN's virtual/physical Collocation Space is contiguous in the central office, ACN will have the option of using ACN's own technicians to deploy the Direct Connects using either electrical or optical facilities between its Collocation Spaces by constructing its own dedicated cable support structure. ACN will deploy such electrical or optical connections directly between its own facilities without being routed through BellSouth's equipment. ACN may not self-provision Direct Connects on any BellSouth distribution frame, POT, DSX (Digital System Cross-Connect) or LGX (Light Guide Cross-Connect). ACN is responsible for ensuring the integrity of the signal.
- 3.5.1 To place an order for Direct Connects, ACN must submit an Initial Application or Subsequent Application. If no modification to the Collocation Space is requested other than the placement of Direct Connects, the Subsequent Application Fee for Direct Connects, as defined in Exhibit B, will apply. If other modifications, in addition to the placement of Direct Connects are requested, either an Initial Application Fee or Subsequent Application Fee will apply, pursuant to Section 6.3.1 of this Attachment. This non-recurring fee will be billed by BellSouth on the date that BellSouth provides an Application Response to <customer short name>.
- 3.6 Co-Carrier Cross Connect (CCXC). The primary purpose of collocation is for a telecommunications carrier to interconnect with BellSouth's network or to access BellSouth's unbundled network elements for the provision of telecommunications services. BellSouth will permit ACN to interconnect between its virtual or physical collocation arrangement(s) and that (those) of another collocated telecommunications carrier within the same "BellSouth Premises". Both ACN's agreement and the other collocated telecommunications carrier's agreement must contain the CCXC rates, terms and conditions before BellSouth will permit the provisioning of CCXCs between the two collocated carriers. ACN is prohibited from using the Collocation Space for the sole or primary purpose of cross-connecting to other collocated telecommunications carriers.
- 3.6.1 ACN must contract with a BellSouth Certified Supplier to place the CCXC. The CCXC shall be provisioned using facilities owned by ACN. Such cross-connections to

other collocated telecommunications carriers may be made using either electrical or optical facilities. ACN shall be responsible for providing a letter of authorization (LOA), with the application, to BellSouth from the other collocated telecommunications carrier to which it will be cross-connecting. The ACN-provisioned CCXC shall utilize BellSouth common cable support structure. There will be a recurring charge per linear foot, per cable, of common cable support structure used by ACN to provision the CCXC to the other collocated telecommunications carrier. In those instances where ACN's equipment and the equipment of the other collocated telecommunications carrier are located in contiguous caged Collocation Space, ACN may use its own technicians to install co-carrier cross connects using either electrical or optical facilities between the equipment of both collocated telecommunications carriers by constructing a dedicated cable support structure between the two contiguous cages. ACN shall deploy such electrical or optical cross-connections directly between its own facilities and the facilities of another collocated telecommunications carrier without being routed through BellSouth's equipment. ACN shall not provision CCXC on any BellSouth distribution frame, POT (Point of Termination) Bay, DSX (Digital System Cross-Connect) or LGX (Light Guide Cross-Connect). ACN is responsible for ensuring the integrity of the signal.

- 3.6.2 To place an order for CCXCs, ACN must submit an Initial Application or Subsequent Application to BellSouth. If no modification to the Collocation Space is requested other than the placement of CCXCs, the Subsequent Application Fee for CCXCs, as defined in Exhibit B, will apply. If other modifications, in addition to the placement of CCXCs, are requested, either an Initial Application or Subsequent Application Fee will apply, pursuant to Section 6.3.1 of this Attachment. BellSouth will bill this nonrecurring fee on the date that it provides an Application Response to ACN.

4. Occupancy

- 4.1 Occupancy. BellSouth will notify ACN in writing when the Collocation Space is ready for occupancy (Space Ready Date). ACN will schedule and complete an acceptance walkthrough of the Collocation Space with BellSouth within fifteen (15) calendar days of the Space Ready Date. BellSouth will correct any deviations in ACN's original or jointly amended application requirements within seven (7) calendar days after the walkthrough, unless the Parties mutually agree upon a different time frame. BellSouth will then establish a new Space Ready Date. Another acceptance walkthrough will be scheduled and conducted within fifteen (15) calendar days of the new Space Ready Date. This follow-up acceptance walkthrough will be limited to only those items identified in the initial walkthrough. If ACN completes its acceptance walkthrough within the fifteen (15) calendar day interval, billing will begin upon the date of ACN's acceptance of the Collocation Space (Space Acceptance Date). In the event ACN fails to complete an acceptance walkthrough within this fifteen (15) calendar day interval, the Collocation Space shall be deemed accepted by ACN on the Space Ready Date and billing will commence from that date. If ACN decides to occupy the space prior to the Space Ready Date, the date ACN occupies the space is deemed the new Space Acceptance Date and billing will begin from that date. ACN

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must notify BellSouth in writing that its collocation equipment installation is complete and operational with BellSouth's network. BellSouth may, at its discretion, refuse to accept any orders for cross-connects until it has received such notice. For the purposes of this paragraph, ACN's telecommunications equipment will be deemed operational when it has been cross-connected to BellSouth's network for the purpose of provisioning telecommunication services to its customers.

- 4.2 Termination of Occupancy. In addition to any other provisions addressing termination of occupancy in this Agreement, ACN may terminate its occupancy of a particular Collocation Space by submitting a Subsequent Application requesting termination of occupancy. Such termination shall be effective upon BellSouth's acceptance of the Space Relinquishment Form. Billing for monthly recurring charges will cease on the date that ACN and BellSouth conduct an inspection of the terminated space and jointly sign off on the Space Relinquishment Form or on the date that ACN signs off on the Space Relinquishment Form and sends this form to BellSouth, provided no discrepancies are found during BellSouth's subsequent inspection of the terminated space. If the subsequent inspection by BellSouth reveals discrepancies, billing will cease on the date that BellSouth and ACN jointly conduct an inspection, confirming that ACN has corrected all of the noted discrepancies identified by BellSouth. A Subsequent Application Fee will not apply for the termination of occupancy; however, specific disconnect fees may apply to certain rate elements in Alabama, Florida, Georgia, Kentucky, Mississippi, South Carolina and Tennessee. The particular disconnect fees that would apply in each state are contained in Exhibit B of this Attachment. BellSouth may terminate ACN's right to occupy Collocation Space in the event ACN fails to comply with any provision of this Agreement, including payment of the applicable fees contained in Exhibit B of this Attachment.

- 4.2.1 Upon termination of occupancy, ACN, at its sole expense, shall remove its equipment and any other property owned, leased or controlled by the ACN from the Collocation Space. ACN shall have thirty (30) calendar days from the Bona Fide Firm Order (BFFO) date ("Termination Date") to complete such removal, including the removal of all equipment and facilities of ACN's Guest(s), unless ACN's Guest(s) has assumed responsibility for the Collocation Space housing the Guest(s)'s equipment and executed the appropriate documentation required by BellSouth prior to the ACN removal date. ACN shall continue the payment of all monthly recurring charges to BellSouth until the date ACN, and if applicable ACN's Guest(s), has fully vacated the Collocation Space and the Space Relinquishment Form has been accepted by BellSouth. If ACN or ACN's Guest(s) fails to vacate the Collocation Space within thirty (30) calendar days from the "Termination Date", BellSouth shall have the right to remove and dispose of the equipment and any other property of ACN or ACN's Guest(s), in any manner that BellSouth deems fit, at ACN's expense and with no liability whatsoever for ACN's property or ACN's Guest(s)'s property. Upon termination of ACN's right to occupy specific Collocation Space, the Collocation Space will revert back to BellSouth's space inventory, and ACN shall surrender the Collocation Space to BellSouth in the same condition as when it was first occupied by ACN, with the exception of ordinary wear and tear, unless otherwise agreed to by the

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Parties. ACN's BellSouth Certified Supplier shall be responsible for updating and making any necessary changes to BellSouth's records as required by BellSouth's Specifications including, but not limited to, BellSouth's Central Office Record Drawings and ERMA Records. ACN shall be responsible for the cost of removing any ACN constructed enclosure, together with any supporting structures (e.g., racking, conduits, or power cables), by the "Termination Date" and restoring the grounds to their original condition.

5. Use of Collocation Space

- 5.1 Equipment Type. BellSouth permits the collocation of any equipment necessary for interconnection to BellSouth's network or access to BellSouth's unbundled network elements in the provision of telecommunications services, as the term "necessary" is defined by FCC 47 C.F.R. Section 51.323 (b). The primary purpose and function of any equipment collocated in a "BellSouth Premises" must be for interconnection to BellSouth's network or access to BellSouth's unbundled network elements in the provision of telecommunications services.
- 5.1.1 Examples of equipment that would not be considered necessary include, but are not limited to: traditional circuit switching equipment, equipment used exclusively for call-related databases, computer servers used exclusively for providing information services, operations support system (OSS) equipment used to support collocated telecommunications carrier network operations, equipment that generates customer orders, manages trouble tickets or inventory, or stores customer records in centralized databases, etc. BellSouth will determine upon receipt of an application if the requested equipment is necessary based on the criteria established by the FCC. Multifunctional equipment placed on a "BellSouth Premises" must not place any greater relative burden on BellSouth's property than comparable single-function equipment. BellSouth reserves the right to permit collocation of any equipment on a nondiscriminatory basis.
- 5.1.2 Such equipment must, at a minimum, meet the following Telcordia Network Equipment Building Systems (NEBS) General Equipment Requirements: Criteria Level 1 requirements as outlined in Telcordia Special Report SR-3580, Issue 1. Except where otherwise required by a Commission, BellSouth shall comply with the applicable FCC rules relating to denial of collocation based on ACN's failure to comply with this Section.
- 5.1.3 ACN shall not request more DS0, DS1, DS3 and optical terminations for a collocation arrangement than the total port or termination capacity of the equipment physically installed in the arrangement. The total capacity of the equipment collocated in the arrangement will include equipment contained in an application, as well as equipment already placed in the collocation arrangement. If full network termination capacity of the equipment being installed is not requested in the application, additional network terminations for the installed equipment will require the submission of another

application. In the event ACN submits an application for terminations that will exceed the total capacity of the collocated equipment, ACN will be informed of the discrepancy by BellSouth and required to submit a revision to the application.

Commencing with the most current calendar quarter after the effective date of this Attachment, and thereafter with respect to each subsequent calendar quarter during the term of this Attachment, ACN will, no later than thirty (30) days after the close of such calendar quarter, provide a report to ICS Collocation Product Management, Room 34A55, 675 W. Peachtree Street, Atlanta, Georgia 30375 listing any equipment in the Collocation Space (i) that was added during the calendar quarter to which such report pertains, and (ii) for which there is a UCC-1 lien holder or another entity that has a secured financial interest in such equipment. Equipment that satisfies both subparts (i) and (ii) of this section shall be defined as “Secured Equipment”. If no Secured Equipment has been installed within a given calendar quarter, no report shall be due hereunder in connection with such calendar quarter.

- 5.2 ACN shall not use the Collocation Space for marketing purposes, nor shall it place any identifying signs or markings outside the Collocation Space or on the grounds of the “BellSouth Premises”.
- 5.3 ACN shall place a plaque or affix other identification (e.g., stenciling) to ACN’s equipment, including the appropriate emergency contacts with their corresponding telephone numbers, in order for BellSouth to properly identify ACN’s equipment in the case of an emergency.
- 5.4 Entrance Facilities. ACN may elect to place ACN-owned or ACN-leased fiber entrance facilities into its Collocation Space. BellSouth will designate the point of interconnection in close proximity to the “BellSouth Premises” building housing the Collocation Space, such as at an entrance manhole or a cable vault, which are physically accessible by both Parties. ACN will provide and place fiber cable at the point of entrance of sufficient length to be pulled through conduit and into the splice location. ACN will provide and install a sufficient length of fire retardant riser cable, to which the entrance cable will be spliced by BellSouth. The fire retardant riser cable will extend from the splice location to ACN’s equipment in the Collocation Space. In the event ACN utilizes a non-metallic, riser-type entrance facility, a splice will not be required. ACN must contact BellSouth for instructions prior to placing any entrance facility cable in the manhole. ACN is responsible for the maintenance of the entrance facilities. At ACN’s option, BellSouth will accommodate, where technically feasible, a microwave entrance facility, pursuant to separately negotiated terms and conditions. In the case of adjacent collocation, copper facilities may be used between the adjacent collocation arrangement and the central office demarcation point unless BellSouth determines that limited space is available for the placement of entrance facilities.
- 5.5.1 Dual Entrance Facilities. BellSouth will provide at least two interconnection points at each Premise where at least two such interconnection points are available and capacity

exists. Upon receipt of a request by ACN for dual entrance facilities to its physical Collocation Space, BellSouth shall provide ACN with information regarding BellSouth's capacity to accommodate the requested dual entrance facilities. If conduit in the serving manhole(s) is available and is not reserved for another purpose or for utilization within twelve (12) months of the receipt of an application for collocation, BellSouth will make the requested conduit space available for the installation of a second entrance facility to ACN's Collocation Space. The location of the serving manhole(s) will be determined at the sole discretion of BellSouth. Where dual entrance facilities are not available due to lack of capacity, BellSouth will provide this information to ACN in the Application Response.

- 5.5.2 Shared Use. ACN may utilize spare capacity on an existing interconnector's entrance facility for the purpose of providing an entrance facility to ACN's Collocation Space within the same "BellSouth Premises". BellSouth shall allow the splice, as long as the fiber is non-working fiber. ACN must arrange with BellSouth in accordance with BellSouth's Special Construction Procedures, RL93-11-030BT, and provide a LOA from the other telecommunications carrier authorizing BellSouth to perform the splice of the ACN-provided riser cable to the spare capacity on the entrance facility. If ACN desires to allow another telecommunications carrier to use its entrance facilities, that other telecommunications carrier must arrange with BellSouth in accordance with BellSouth's Special Construction Procedures, RL93-11-030BT, and provide a LOA from <customer short name> authorizing BellSouth to perform the splice of that telecommunications carrier's provided riser cable to the spare capacity on ACN's entrance facility.
- 5.6 Demarcation Point. BellSouth will designate the point(s) of demarcation between ACN's equipment and/or network and BellSouth's network. Each Party will be responsible for the maintenance and operation of all equipment/facilities on its side of the demarcation point. For 2-wire and 4-wire connections to BellSouth's network, the demarcation point shall be a common block on BellSouth's designated conventional distributing frame (CDF). ACN shall be responsible for providing the necessary cabling, and ACN's BellSouth Certified Supplier shall be responsible for installing and properly labeling/stenciling the common block and any necessary cabling identified in Section 7 of this Attachment. ACN or its agent must perform all required maintenance to the equipment/facilities on its side of the demarcation point, pursuant to Section 5.7, following, and may self-provision cross-connects that may be required within its own Collocation Space to activate service requests.
- 5.6.1 In Tennessee, BellSouth will designate the point(s) of demarcation between ACN's equipment and/or network and BellSouth's network. Each Party will be responsible for the maintenance and operation of all equipment/facilities on its side of the demarcation point. For connections to BellSouth's network, the demarcation point shall be a ACN-provided Point of Termination Bay (POT Bay) in a common area within the "BellSouth Premises". ACN shall be responsible for providing, and ACN's BellSouth Certified Supplier shall be responsible for installing and properly

- labeling/stenciling the POT Bay, as well as installing the necessary cabling between ACN's Collocation Space and the demarcation point. ACN, its agent, or ACN's BellSouth Certified Supplier must perform all required maintenance to the equipment/facilities on its side of the demarcation point, pursuant to Section 5.7, following, and may self-provision cross-connects that may be required within its own Collocation Space to activate service requests. BellSouth will negotiate alternative rates, terms and conditions related to the demarcation point in Tennessee, if ACN desires to avoid the use of an intermediary device as contemplated by the Tennessee Regulatory Authority.
- 5.7 ACN's Equipment and Facilities. ACN, or if required by this Attachment, ACN's BellSouth Certified Supplier, is solely responsible for the design, engineering, installation, testing, provisioning, performance, monitoring, maintenance and repair of the equipment and facilities used by ACN which must be performed in compliance with all applicable BellSouth Specifications. Such equipment and facilities may include, but are not limited to, cable(s), equipment, and point of termination connections. ACN and its designated BellSouth Certified Supplier must follow and comply with all BellSouth Specifications outlined in the following BellSouth Technical Requirements: TR 73503, TR 73519, TR 73572, and TR 73564.
- 5.8 BellSouth's Access to Collocation Space. From time to time, BellSouth may require access to ACN's Collocation Space. BellSouth retains the right to access ACN's space for the purpose of making BellSouth equipment and building modifications (e.g., running, altering or removing racking, ducts, electrical wiring, HVAC, and cabling). BellSouth will give notice to ACN at least forty-eight (48) hours before access to ACN's Collocation Space is required. ACN may elect to be present whenever BellSouth performs work in the ACN's Collocation Space. The Parties agree that ACN will not bear any of the expense associated with this type of work.
- 5.9 Access. Pursuant to Section 12, ACN shall have access to its Collocation Space twenty-four (24) hours a day, seven (7) days a week. ACN agrees to provide the name and social security number, date of birth, or driver's license number of each employee, supplier, or agent of ACN or ACN's Guest(s) that will be provided with access keys or cards (Access Keys), prior to the issuance of said Access Keys, using form RF-2906-C, the "CLEC and CLEC Certified Supplier Access Request and Acknowledgement" form. The appropriate key acknowledgement forms (the "Collocation Acknowledgement Sheet" for access cards and the "Key Acknowledgement Form" for keys) must be signed by ACN and returned to BellSouth Access Management within fifteen (15) calendar days of ACN's receipt. Failure to return these properly acknowledged forms will result in the holding of subsequent access key or card requests until the proper key acknowledgement documents have been received by BellSouth and reflect current information. Access Keys may not be duplicated under any circumstances. ACN agrees to be responsible for all Access Keys and for the return of all Access Keys in the possession of ACN's employees, suppliers, agents, or Guest(s) after termination of the employment relationship, the contractual obligation with ACN ends, upon the termination of this Attachment, or

upon the termination of occupancy of Collocation Space in a specific “BellSouth Premises”.

- 5.9.1 BellSouth will permit one (1) accompanied site visit to ACN’s designated Collocation Space , after receipt of the BFFO, without charge to ACN. ACN must submit to BellSouth the completed Access Control Request Form for all employees or agents requiring access to a “BellSouth Premises” at least thirty (30) calendar days prior to the date ACN desires access to the Collocation Space. In order to permit reasonable access during construction of the Collocation Space, ACN may submit a request for its one (1) accompanied site visit to its designated Collocation Space at any time subsequent to BellSouth’s receipt of the BFFO. In the event ACN desires access to the Collocation Space after submitting such a request, but prior to the approval of its access request, in addition to the first accompanied free visit, BellSouth shall permit ACN to access the Collocation Space accompanied by a security escort, at ACN’s expense, which will be assessed pursuant to the Security Escort fees contained in Exhibit B. ACN must request escorted access to its designated Collocation Space at least three (3) business days prior to the date such access is desired.
- 5.10 Lost or Stolen Access Devices. ACN shall immediately notify BellSouth in writing when any of its Access Keys have been lost or stolen. If it becomes necessary for BellSouth to re-key buildings or deactivate an Access card as a result of a lost or stolen Access Device(s) or for failure of ACN’s employees, suppliers, agents or Guest(s) to return an Access Device(s), ACN shall pay for the costs of re-keying or deactivating the Access card pursuant to the fees set forth in Exhibit B.
- 5.11 Interference or Impairment. Notwithstanding any other provisions of this Attachment, ACN shall not use any product or service provided under this Agreement, any other service related thereto or used in combination therewith, or place or use any equipment or facilities in any manner that 1) significantly degrades, interferes with or impairs service provided by BellSouth or any other entity or any person’s use of its telecommunications services; 2) endangers or damages the equipment, facilities or any other property of BellSouth or any other entity or person; 3) compromises the privacy of any communications; or 4) creates an unreasonable risk of injury or death to any individual or to the public. If BellSouth reasonably determines that any equipment or facilities of ACN violates the provisions of this paragraph, BellSouth shall provide written notice to ACN, which shall direct ACN to cure the violation within forty-eight (48) hours of ACN’s receipt of written notice or, at a minimum, to commence curative measures within twenty-four (24) hours and exercise reasonable diligence to complete such measures as soon as possible thereafter. After receipt of the notice, the Parties agree to consult immediately and, if necessary, to conduct an inspection of the Collocation Space.
- 5.11.1 Except in the case of the deployment of an advanced service which significantly degrades the performance of other advanced services or traditional voice band services, if ACN fails to take curative action within forty-eight (48) hours or if the violation is of a character that poses an immediate and substantial threat of damage to

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- property or injury or death to any person, or any other significant degradation, interference or impairment of BellSouth's or another entity's service, then and only in that event, BellSouth may take such action as it deems appropriate to correct the violation including, without limitation, the interruption of electrical power to ACN's equipment and/or facilities. BellSouth will endeavor, but is not required, to provide notice to ACN prior to the taking of such action and BellSouth shall have no liability to ACN for any damages arising from such action, except to the extent that such action by BellSouth constitutes willful misconduct.
- 5.11.2 For purposes of this Section, the term "significantly degrades" shall be defined as an action that noticeably impairs a service from a user's perspective. In the case of the deployment of an advanced service which significantly degrades the performance of other advanced services or traditional voice band services and ACN fails to take curative action within forty-eight (48) hours of ACN's receipt of written notice, BellSouth will establish before the appropriate Commission that the technology deployment is causing the significant degradation. Any claims of network harm presented to ACN or, if subsequently necessary, the Commission must be provided by BellSouth with specific and verifiable information. When BellSouth demonstrates that a certain technology deployed by ACN is significantly degrading the performance of other advanced services or traditional voice band services, ACN shall discontinue deployment of that technology and migrate its customers to other technologies that will not significantly degrade the performance of such services. Where the only degraded service itself is a known disturber, and the newly deployed technology satisfies at least one of the criteria for a presumption that it is acceptable for deployment under Section 47 C.F.R. 51.230, the degraded service shall not prevail against the newly-deployed technology.
- 5.12 Personalty and its Removal. Facilities and equipment placed by ACN in the Collocation Space shall not become a part of the Collocation Space, even if nailed, screwed or otherwise fastened to the Collocation Space, but shall retain their status as personal property and may be removed by ACN at any time. Any damage caused to the Collocation Space by ACN's employees, suppliers, agents or representatives during the installation or removal of such property shall be promptly repaired by ACN at its sole expense. If ACN decides to remove equipment from its Collocation Space and the removal requires no physical work be performed by BellSouth and ACN's physical work includes, but is not limited to, power reduction, cross-connects, or tie pairs, BellSouth will bill ACN an Administrative Only Application Fee as set forth in Exhibit B. This non-recurring fee will be billed on the date that BellSouth provides an Application Response to ACN.
- 5.13 Alterations. Under no condition shall ACN or any person acting on behalf of ACN make any rearrangement, modification, augment, improvement, addition, and/or other alteration which could affect in any way space, power, HVAC, and/or safety considerations to the Collocation Space or the "BellSouth Premises", without the express written consent of BellSouth, which shall not be unreasonably withheld. The

cost of any such rearrangement, modification, augment, improvement, addition, and/or other alteration shall be paid by ACN, and shall require a Subsequent Application and will result in the assessment of either a Subsequent Application Fee, an Administrative Only Application Fee or an Initial Application Fee as set forth in Section 6.3.1, which will be billed by BellSouth on the date that BellSouth provides ACN with an Application Response.

- 5.14 Janitorial Service. ACN shall be responsible for the general upkeep of its Collocation Space. ACN shall arrange directly with a BellSouth Certified Supplier for janitorial services applicable to Caged Collocation Space. BellSouth shall provide a list of such suppliers on a "BellSouth Premises"-specific basis, upon request.

6. Ordering and Preparation of Collocation Space

- 6.1 If any state or federal regulatory agency imposes procedures or intervals applicable to ACN and BellSouth that are different from the procedures or intervals set forth in this Section, whether now in effect or that become effective after execution of this Agreement, those procedures or intervals shall supersede the requirements set forth herein for that jurisdiction for all applications that are submitted for the first time after the effective date thereof.

- 6.2 Initial Application. For ACN's or ACN's Guest's(s') initial equipment placement, ACN shall input a Physical Expanded Interconnection Application Document (Initial Application) directly into BellSouth's electronic application (e.App) system for processing. The Initial Application is considered Bona Fide when it is complete and accurate, meaning that all of the required fields on the application are completed with the appropriate type of information. An application fee will apply to each application submitted by ACN and will be billed by BellSouth on the date BellSouth provides ACN with an Application Response.

- 6.3 Subsequent Application. In the event ACN or ACN's Guest(s) desires to modify its use of the Collocation Space after a BFFO, ACN shall complete an application (Subsequent Application) that contains all of the detailed information associated with the alteration related to the Collocation Space, as defined in Section 5.13 of this Attachment. The Subsequent Application will be considered Bona Fide when it is complete and accurate, meaning that all of the required fields on the Subsequent Application are completed with the appropriate type of information associated with the alteration. BellSouth shall determine what modifications, if any, to the "BellSouth Premises" are required to accommodate the change requested by ACN in the application. Such modifications to the "BellSouth Premises" may include, but are not limited to, floor loading changes, changes necessary to meet HVAC requirements, changes to power plant requirements, equipment additions, etc.

- 6.3.1 Subsequent Application Fee. The application fee paid by ACN shall be dependent upon the level of assessment needed. If the modifications reflected on the Subsequent Application require no labor or capital expenditure by BellSouth, but BellSouth must

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perform an assessment of the application to evaluate whether or not BellSouth would be required to perform necessary infrastructure or provisioning activities, then an Administrative Only Application Fee shall apply. This Administrative Only Application Fee would be applicable in instances such as those associated with a Transfer of Ownership of the Collocation Space, Removal of Equipment from the Collocation Space, a modification to an application prior to receipt of the BFFO and a V-to-P Conversion (In Place). The fee for a Subsequent Application in which the modifications requested have limited effect (e.g., requires labor expenditure but no capital expenditure by BellSouth and where sufficient cable support structure, HVAC, power and terminations are available) shall be the Subsequent Application Fee, as set forth in Exhibit B. A modification involving a capital expenditure by BellSouth shall require ACN to submit the Subsequent Application with an Initial Application Fee. The appropriate nonrecurring application fee will be billed on the date BellSouth provides ACN with an Application Response.

6.4 Space Preferences. If ACN has previously requested and received a Space Availability Report for the “BellSouth Premises”, ACN may submit up to three (3) space preferences on its application by identifying the specific space identification numbers referenced on the Space Availability Report for the space it is requesting. In the event BellSouth cannot accommodate the ACN's preference(s), ACN may accept the space allocated by BellSouth or cancel its application and submit another application requesting additional space preferences for the same central office. This application will be treated as a new application and an application fee will apply. The application fee will be billed by BellSouth on the date that BellSouth provides ACN with an Application Response.

6.5 Space Availability Notification.

6.5.1 Unless otherwise specified, BellSouth will respond to an application within ten (10) calendar days as to whether space is available or not available within the requested “BellSouth Premises”. BellSouth will also respond as to whether the application is Bona Fide and if it is not Bona Fide, the items/revisions necessary to cause the application to become Bona Fide. If the amount of space requested is not available, BellSouth will notify ACN of the amount of space that is available and no application fee will apply. When BellSouth’s response includes an amount of space less than that requested by ACN or space that is configured differently, no application fee will apply. If ACN decides to accept the available space, ACN must resubmit its application to reflect the actual space available, including the configuration of the space, prior to submitting a BFFO. When ACN resubmits its application to accept the available space, BellSouth will bill ACN the appropriate application fee.

6.5.2 BellSouth will respond to a Florida or Tennessee application within fifteen (15) calendar days as to whether space is available or not available within a “BellSouth Premises”. BellSouth will also respond as to whether the application is Bona Fide and if it is not Bona Fide, the items/revisions necessary to cause the application to become Bona Fide. If a lesser amount of space than requested is available, BellSouth will

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- provide an Application Response for the amount of space that is available and bill ACN an appropriate application fee on the date that BellSouth provides the Application Response. When BellSouth's Application Response includes an amount of space less than that requested by ACN or space that is configured differently, if ACN decides to accept the available space, ACN must amend its application to reflect the actual space available, including the configuration of the space, prior to submitting a BFFO.
- 6.5.3 Denial of Application. If BellSouth notifies ACN that no space is available (Denial of Application), BellSouth will not assess an application fee to ACN. After notifying ACN that there is no available space in the requested "BellSouth Premises", BellSouth will allow ACN, upon request, to tour the entire "BellSouth Premises" within ten (10) calendar days of such Denial of Application. In order to schedule this tour within ten (10) calendar days, BellSouth must receive the request for a tour of the "BellSouth Premises" within five (5) calendar days of the Denial of Application.
- 6.6 Filing of Petition for Waiver. Upon Denial of Application, BellSouth will timely file a petition with the appropriate Commission pursuant to 47 U.S.C. § 251(c)(6). BellSouth shall provide to the Commission any information requested by that Commission. Such information shall include which space, if any, BellSouth or any of BellSouth's affiliates have reserved for future use and a detailed description of the specific future uses for which the space has been reserved. Subject to an appropriate nondisclosure agreement or provision, BellSouth shall permit ACN to inspect any floor plans or diagrams that BellSouth provides to the Commission.
- 6.7 Waiting List. On a first-come, first-served basis, which is governed by the date of receipt of an application or Letter of Intent, BellSouth will maintain a waiting list of requesting telecommunication carriers that have either received a Denial of Application or, where it is publicly known that the "BellSouth Premises" is out of space, have submitted a Letter of Intent to collocate in that "BellSouth Premises". BellSouth will notify each telecommunication carrier on the waiting list that can be accommodated by the amount of space that becomes available, according to the position of the telecommunication carrier on said waiting list.
- 6.7.1 In Florida, on a first-come, first-served basis, which is governed by the date of receipt of an application or Letter of Intent, BellSouth will maintain a waiting list of requesting telecommunication carriers that have either received a Denial of Application or, where it is publicly known that the "BellSouth Premises" is out of space, have submitted a Letter of Intent to collocate in that "BellSouth Premises". Sixty (60) calendar days prior to space becoming available, if known, BellSouth will notify the Commission and the telecommunication carriers on the waiting list by mail when space becomes available according to the position of each telecommunication carrier on said waiting list. If BellSouth does not know sixty (60) calendar days in advance of when space will become available, BellSouth will notify the Commission and the telecommunication carriers on the waiting list within two (2) business days of the determination that space will become available. A telecommunication carrier that,

upon denial of physical Collocation Space, requests virtual Collocation Space shall automatically be placed on the waiting list for physical Collocation Space that may become available in the future.

- 6.7.2 When physical Collocation Space becomes available, ACN must submit an updated, complete, and accurate application to BellSouth within thirty (30) calendar days of notification by BellSouth that physical Collocation Space will be available in the requested “BellSouth Premises” previously out of space. If ACN has originally requested caged Collocation Space and cageless Collocation Space becomes available, ACN may refuse such space and notify BellSouth in writing within the thirty (30) day timeframe that ACN wants to maintain its place on the waiting list for caged Physical Collocation Space, without accepting the available cageless Collocation Space.

ACN may accept an amount of space less than what it originally requested by submitting an application as set forth above, and upon request, may maintain its position on the waiting list for the remaining space that was initially requested. If ACN does not submit an application or notify BellSouth in writing as described above, BellSouth will offer the space to the next telecommunication carrier on the waiting list and remove ACN from the waiting list. Upon request, BellSouth will advise ACN as to its position on the waiting list.

- 6.8 Public Notification. BellSouth will maintain on its Interconnection Services website a notification document that will indicate all “BellSouth Premises” that are without available space. BellSouth shall update such document within ten (10) calendar days of the date that BellSouth becomes aware that insufficient space is available to accommodate physical collocation. BellSouth will also post a document on its Interconnection Services website that contains a general notice when space becomes available in a “BellSouth Premises” previously on the space exhaust list.

- 6.9 Application Response.

- 6.9.1 In Alabama, Georgia, Kentucky, Louisiana, Mississippi, North Carolina, and South Carolina, when space has been determined to be available for physical (caged or cageless) arrangements, BellSouth will provide an Application Response within twenty (20) calendar days of receipt of a Bona Fide Application. The Application Response will include, at a minimum, the configuration of the space, the Cable Installation Fee, Cable Records Fee, and any other applicable space preparation fees, as described in Section 8.

- 6.9.2 In Florida and Tennessee, within fifteen (15) calendar days of receipt of a Bona Fide Application, when space has been determined to be available or when a lesser amount of space than that requested is available, then with respect to the space available, BellSouth will provide an Application Response including sufficient information to enable ACN to place a firm order. The Application Response will include, at a minimum, the configuration of the space, the Cable Installation Fee, Cable Records Fee, and the space preparation fees, as described in Section 8. When ACN submits ten

(10) or more applications within ten (10) calendar days, the initial fifteen (15) calendar day response interval will increase by ten (10) calendar days for every additional ten (10) applications or fraction thereof.

6.10 Application Modifications.

6.10.1 If a modification or revision is made to any information in the Bona Fide Application prior to a BFFO, with the exception of modifications to Customer Information, Contact Information or Billing Contact Information, at the request of ACN, or as necessitated by technical considerations, the application shall be considered a new application and handled as a new application with respect to the response and provisioning intervals. BellSouth will charge ACN the appropriate application fee associated with the level of assessment performed by BellSouth. If the modification requires no labor or capital expenditure by BellSouth, but BellSouth must perform an assessment of the application to evaluate whether or not BellSouth would be required to perform necessary infrastructure or provisioning activities, then an Administrative Only Application Fee shall apply. The fee for an application modification in which the modification requested has limited effect (e.g., requires labor expenditure but no capital expenditure by BellSouth and where sufficient cable support structure, HVAC, power and terminations are available) shall be the Subsequent Application Fee as set forth in Exhibit B. A modification involving a capital expenditure by BellSouth shall require ACN to submit the application with an Initial Application Fee. The appropriate nonrecurring application fee will be billed on the date BellSouth provides ACN with an Application Response.

6.11 Bona Fide Firm Order.

6.11.1 ACN shall indicate its intent to proceed with equipment installation in a “BellSouth Premises” by submitting a Bona Fide Firm Order (BFFO) to BellSouth. The BFFO must be received by BellSouth no later than thirty (30) calendar days after BellSouth’s Application Response to ACN’s Bona Fide Application or ACN’s application will expire.

6.11.2 BellSouth will establish a firm order date based upon the date BellSouth is in receipt of ACN’s BFFO. BellSouth will acknowledge the receipt of ACN’s BFFO within seven (7) calendar days of receipt, so that ACN will have positive confirmation from BellSouth that its BFFO has been received. BellSouth’s response to a BFFO will include a Firm Order Confirmation, which contains the firm order date. No revisions can be made to a BFFO.

7. Construction and Provisioning

7.1 Construction and Provisioning Intervals.

- 7.1.1 In Florida and Tennessee, BellSouth will complete construction of physical Collocation Space as soon as possible within a maximum of ninety (90) calendar days from receipt of a BFFO or as agreed to by the Parties. For virtual Collocation Space, BellSouth will complete construction as soon as possible within a maximum of sixty (60) calendar days from receipt of a BFFO or as agreed to by the Parties. For Augments requested to Collocation Space after the initial space has been completed, BellSouth will complete construction for Collocation Space as soon as possible within a maximum of forty-five (45) calendar days from receipt of a BFFO or as agreed to by the Parties. If BellSouth does not believe that construction will be completed within the relevant provisioning interval and BellSouth and ACN cannot agree upon a completion date, within forty-five (45) calendar days of receipt of the BFFO for an initial request, or within thirty (30) calendar days of receipt of the BFFO for an Augment, BellSouth may seek an extension from the Commission.
- 7.1.2 In Alabama, Georgia, Kentucky, Louisiana, Mississippi, North Carolina, and South Carolina, BellSouth will complete construction for physical caged Collocation Space under ordinary conditions as soon as possible within a maximum of ninety (90) calendar days from receipt of a BFFO or as agreed to by the Parties. BellSouth will complete construction for physical cageless Collocation Space under ordinary conditions as soon as possible within a maximum of sixty (60) calendar days from receipt of a BFFO and ninety (90) calendar days from receipt of a BFFO for extraordinary conditions, or as agreed to by the Parties. Ordinary conditions are defined as space available with only minor changes required to BellSouth's support systems (Examples include, but are not limited to: minor modifications to HVAC, cabling and BellSouth's power plant). Extraordinary conditions include, but may not be limited to: major BellSouth equipment rearrangements or additions; power plant additions or upgrades; major mechanical additions or upgrades; major upgrades for ADA compliance; environmental hazards or hazardous materials abatement; and arrangements for which equipment shipping intervals are extraordinary in length. The Parties may mutually agree to renegotiate an alternative provisioning interval or BellSouth may seek a waiver from the ordered interval from the appropriate Commission.
- 7.1.3 When ACN adds equipment within initial demand parameters that requires no additional space preparation work on the part of BellSouth, then no additional charges or intervals will be imposed by BellSouth that would cause delay in ACN's operation.
- 7.1.4 In the states of Alabama, Georgia, Kentucky, Louisiana, Mississippi, North Carolina, and South Carolina, BellSouth will provide the reduced intervals outlined below to ACN, when ACN requests an augment that is identified in Sections 7.1.4.1, 7.1.4.2, 7.1.4.3, 7.1.4.4 and 7.1.4.5 ("Augment") after the Space Ready Date for existing physical Collocation Space. Unless otherwise set forth in Section 7.1.4.10, any such augment application will require a Subsequent Application and will result in the assessment of an Augment Application fee as set forth in Exhibit B.

7.1.4.1 Simple Augments will be completed within twenty (20) calendar days after receipt of the BFFO for an:

- Extension of Existing AC Circuit Capacity within Arrangement Where Sufficient Circuit Capacity is Available
- Fuse Change and/or Increase or Decrease -48V DC Power from Existing ILEC BDFB

7.1.4.2 Minor Augments will be completed within forty-five (45) calendar days after receipt of the BFFO for:

- 168 DS1s Terminations at the ILEC Demarcation Frame (Databasing Only; Panels, Relay Racks and Overhead Racking Exist)
- 96 DS3s Terminations at the ILEC Demarcation Frame (Databasing Only; Panels, Relay Racks and Overhead Racking Exist)
- 99 Fiber Terminations at the ILEC Demarcation Frame (Databasing Only; Panels, Relay Racks and Overhead Racking Exist)
- Maximum of 2000 Service Ready DS0 Terminations at the ILEC Demarcation Frame (Databasing Only; Panels, Relay Racks and Overhead Racking Exist)

7.1.4.3 Intermediate Augments will be completed within sixty (60) calendar days after receipt of the BFFO for:

- 168 DS1s (Databasing and Installation of Termination Panels, Relay Racks or Additional Structure as Required)
- 96 DS3s (Databasing and Installation of Termination Panels, Relay Racks or Additional Structure as Required)
- 99 Fiber Terminations (Databasing and Installation of Termination Panels, Relay Racks or Additional Structure as Required)
- 2000 DS0s (Databasing and Installation of Termination Panels, Relay Racks or Additional Structure as Required)
- Installation of Cable Racking or Other Support Structures as Required to Support Co-Carrier Cross Connects (Adequate Floor or Ceiling Structural Capacity Exists and Support/Protection Structure for Fiber Patch Cord is Excluded)

7.1.4.4 Major Augments of physical Collocation Space will be completed within ninety (90) calendar days after BFFO. This category includes all requests for additional physical Collocation Space (caged or cageless).

7.1.4.5 Major Augments of virtual Collocation Space will be completed within seventy-five (75) calendar days after BFFO. This category includes all requests for additional virtual Collocation Space.

7.1.4.6 If ACN submits an augment application request that includes two augment items from the same category in either Section 7.1.4.1, 7.1.4.2, or 7.1.4.3 above, the provisioning

- interval associated with the next highest augment category will apply (e.g., if two items from the minor augment category are requested on the same request, then an interval of sixty (60) calendar days from the receipt of the BFFO would apply, which is the interval associated with the intermediate category).
- 7.1.4.7 If ACN submits an augment application request that includes three augment items from the same category in either Section 7.1.4.1, 7.1.4.2, or 7.1.4.3 above, the major augment interval of ninety (90) calendar days from the receipt of the BFFO would apply (e.g., if three items from the simple augment category are requested on the same request for a physical collocation arrangement, then an interval of ninety (90) calendar days from the receipt of the BFFO would apply, which is the major physical augment interval; likewise if three items from the simple augment category are requested on the same request for a virtual collocation arrangement, then an interval of seventy-five (75) calendar days from the receipt of the BFFO would apply, which is the major virtual augment interval).
- 7.1.4.8 If ACN submits an augment application request that includes one augment item from two separate categories in Sections 7.1.4.1, 7.1.4.2 and 7.1.4.3 above, the augment interval associated with the highest augment category will apply (e.g., if an item from the minor augment category and an item from the intermediate augment category are requested on the same request, then an interval of sixty (60) calendar days from the receipt of the BFFO would apply, which is the interval associated with the intermediate augment category).
- 7.1.4.9 All Augments not expressly included in the Simple, Minor, Intermediate or Major categories, as outlined above, will be placed into the appropriate category as negotiated by ACN and BellSouth. If ACN and BellSouth are unable to determine the appropriate category through negotiation, then the appropriate major augment category, identified in Section 7.1.4.4 and Section 7.1.4.5, would apply based on whether the augment request is for ACN's physical or virtual Collocation Space.
- 7.1.4.10 Individual application fees associated with simple, minor and intermediate augment applications are contained in Exhibit B. The appropriate application fee will be assessed to ACN at the time BellSouth provides ACN with the Application Response. ACN will be assessed a Subsequent Application Fee for all Major Augment applications (Major Augments are defined above in Sections 7.1.4.4 and 7.1.4.5). The Subsequent Application Fee is also reflected in Exhibit B of this Attachment.
- 7.2 Joint Planning. Joint planning between BellSouth and ACN will commence within a maximum of twenty (20) calendar days from BellSouth's receipt of a BFFO. BellSouth will provide the preliminary design of the Collocation Space and the equipment configuration requirements as reflected in the Bona Fide Application and BFFO. The Collocation Space completion interval will be provided to ACN during the joint planning meeting.

- 7.3 Permits. Each Party, its agent(s) or BellSouth Certified Supplier(s) will file for the appropriate permits required for the scope of work to be performed by that Party, its agent(s) or BellSouth Certified Supplier(s) within ten (10) calendar days of the completion of the finalized construction design and specifications.
- 7.4 Acceptance Walkthrough. ACN will schedule and complete an acceptance walkthrough of the Collocation Space with BellSouth within fifteen (15) calendar days after the Space Ready Date. In the event ACN fails to complete an acceptance walkthrough within this fifteen (15) day interval, the Collocation Space shall be deemed accepted by ACN on the Space Ready Date. BellSouth will correct any deviations to ACN's original or jointly amended design and/or specification requirements within seven (7) calendar days after the walkthrough, unless the Parties mutually agree upon a different timeframe.
- 7.5 Circuit Facility Assignments (CFAs). Unless otherwise specified, BellSouth will provide CFAs to ACN prior to the applicable provisioning interval set forth herein (Provisioning Interval) for those "BellSouth Premises" in which ACN has physical Collocation Space with no POT bay or with a grand fathered POT bay provided by BellSouth. BellSouth cannot provide CFAs to ACN prior to the Provisioning Interval for those "BellSouth Premises" in which ACN has physical Collocation Space with a POT bay provided by ACN or virtual Collocation Space, until ACN provides BellSouth with the following information:
- For physical Collocation Space with a ACN-provided POT bay, ACN shall provide BellSouth with a complete layout of the POT panels on an equipment inventory update (EIU) form, showing locations, speeds, etc.
- For virtual Collocation Space, ACN shall provide BellSouth with a complete layout of ACN's equipment on an equipment inventory update (EIU) form, including the locations of the low speed ports and the specific frame terminations to which the equipment will be wired by ACN's BellSouth Certified Supplier.
- 7.5.1 BellSouth cannot begin work on the CFAs until the complete and accurate EIU form is received from ACN. If the EIU form is provided within ten (10) calendar days prior to the ending date of the Provisioning Interval, then the CFAs will be made available by the ending date of the Provisioning Interval. If the EIU form is not received ten (10) calendar days prior to the ending date of the Provisioning Interval, then the CFAs will be provided within ten (10) calendar days of receipt of the EIU form.
- 7.5.2 BellSouth will bill ACN a nonrecurring charge, as set forth in Exhibit B, each time ACN requests a resend of its CFAs for any reason other than a BellSouth error in the CFAs initially provided to ACN.
- 7.6 Use of BellSouth Certified Supplier. ACN shall select a supplier which has been approved as a BellSouth Certified Supplier to perform all engineering and installation work. ACN and ACN's BellSouth Certified Supplier must follow and comply with all

of BellSouth's Specifications, as outlined in the following BellSouth Technical Requirements: TR 73503, TR 73519, TR 73572, and TR 73564. In some cases, ACN must select different BellSouth Certified Suppliers for those work activities associated with transmission equipment, switching equipment and power equipment. BellSouth shall provide ACN with a list of BellSouth Certified Suppliers upon request. The BellSouth Certified Supplier(s) shall be responsible for installing ACN's equipment and associated components, extending power cabling to the BellSouth power distribution frame, performing operational tests after installation is completed, and notifying BellSouth's equipment engineers and ACN upon successful completion of the installation, etc. The BellSouth Certified Supplier shall bill ACN directly for all work performed for ACN pursuant to this Attachment. BellSouth shall have no liability for, nor responsibility to pay, such charges imposed by ACN's BellSouth Certified Supplier. BellSouth shall make available its supplier certification program to ACN or any supplier proposed by ACN and will not unreasonably withhold certification. All work performed by or for ACN shall conform to generally accepted industry standards.

7.7 Alarm and Monitoring. BellSouth shall place environmental alarms in the "BellSouth Premises" for the protection of BellSouth equipment and facilities. ACN shall be responsible for the placement, monitoring and removal of environmental and equipment alarms used to service ACN's Collocation Space. Upon request, BellSouth will provide ACN with an applicable tariffed service(s) to facilitate remote monitoring of collocated equipment by ACN. Both Parties shall use best efforts to notify the other of any verified environmental condition known to that Party.

7.8 Virtual to Physical Collocation Relocation. In the event physical Collocation Space was previously denied at a "BellSouth Premises" due to technical reasons or space limitations and physical Collocation Space has subsequently become available, ACN may relocate its existing virtual collocation arrangement(s) to a physical collocation arrangement(s) and pay the appropriate fees associated with physical Collocation Space and the rearrangement or reconfiguration of services currently being terminated in the virtual collocation arrangement. If BellSouth knows when additional space for physical collocation may become available at the "BellSouth Premises" requested by ACN, such information will be provided to ACN in BellSouth's written denial of physical Collocation Space. To the extent that (i) physical Collocation Space becomes available to ACN within one hundred eighty (180) calendar days of BellSouth's written denial of ACN's request for physical Collocation Space, (ii) BellSouth had knowledge that the space was going to become available, and (iii) ACN was not informed in the written denial that physical Collocation Space would become available within such one hundred eighty (180) calendar day period, then ACN may relocate its virtual collocation arrangement to a physical collocation arrangement and will receive a credit for any nonrecurring charges previously paid for such virtual Collocation Space. ACN must arrange with a BellSouth Certified Supplier for the relocation of equipment from its virtual Collocation Space to its physical Collocation Space and will bear the cost of such relocation.

- 7.8.1 In Alabama, BellSouth will complete a relocation from virtual Collocation Space to cageless physical Collocation Space within thirty (30) calendar days and from virtual Collocation Space to caged physical Collocation Space within ninety (90) calendar days.
- 7.9 Virtual to Physical Conversion (In-Place). Virtual collocation arrangements may be converted to “in-place” physical collocation arrangements if the potential conversion meets all of the following criteria: 1) there is no change in the amount of equipment or the configuration of the equipment that was in the virtual Collocation Space; 2) the conversion of the virtual collocation arrangement will not cause the equipment or the results of that conversion to be located in a space that BellSouth has reserved for its own future needs; 3) the converted arrangement does not limit BellSouth’s ability to secure its own equipment and facilities due to the location of the virtual Collocation Space; and 4) any changes to the arrangement can be accommodated by existing power, HVAC, and other requirements. Unless otherwise specified, BellSouth will complete virtual to physical conversions (in-place) within sixty (60) calendar days from receipt of the BFFO. BellSouth will bill ACN an Administrative Only Application Fee, as set forth in Exhibit B, on the date BellSouth provides an Application Response to ACN.
- 7.9.1 In Alabama and Tennessee, BellSouth will complete Virtual to Physical Conversions (In Place) within thirty (30) calendar days from receipt of the BFFO.
- 7.10 Cancellation. If at any time prior to space acceptance, ACN cancels its order for Collocation Space (Cancellation), BellSouth will bill the applicable nonrecurring charge(s) for any and all work processes for which work has begun or been completed. In Georgia, if ACN cancels its order for Collocation Space at any time prior to space acceptance, BellSouth will bill ACN for all costs incurred prior to the date of Cancellation and for any costs incurred as a direct result of the Cancellation, not to exceed the total amount that would have been due had the firm order not been cancelled.
- 7.11 Licenses. ACN, at its own expense, will be solely responsible for obtaining from the proper governmental authorities, and any other appropriate agency, entity, or person, all rights, privileges, permits, licenses, and certificates necessary or required to operate as a provider of telecommunication services to the public or to build-out, equip and/or occupy Collocation Space in a “BellSouth Premises”.
- 7.12 Environmental Compliance. The Parties agree to utilize and adhere to the Environmental Hazard Guidelines identified in Exhibit A attached hereto.
- 8. Rates and Charges**
- 8.1 Application Fee. BellSouth shall assess a nonrecurring application fee via a service order on the date BellSouth responds pursuant to Section 6.10 (Application Response).

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- 8.1.1 In Tennessee, the application fee for caged Collocation Space is the planning fee for both Initial Applications and Subsequent Applications placed by ACN. Likewise, for cageless Collocation Space, the same Cageless - Application Fee applies for both Initial Applications and Subsequent Applications placed by ACN. BellSouth will bill the appropriate nonrecurring application fee on the date that BellSouth provides an Application Response to ACN.
- 8.2 Cable Installation. Cable Installation Fee(s) are assessed per entrance cable placed. This nonrecurring fee will be billed by BellSouth upon receipt of ACN's BFFO.
- 8.3 Recurring Charges. If ACN has met the applicable fifteen (15) calendar day walkthrough interval specified in Section 4, billing for recurring charges will begin upon the Space Acceptance Date. In the event that ACN fails to complete an acceptance walkthrough within the applicable fifteen (15) calendar day interval, billing for recurring charges will commence on the Space Ready Date. If ACN occupies the space prior to the Space Ready Date, the date ACN occupies the space is deemed the new Space Acceptance Date and billing for recurring charges will begin on that date.
- 8.4 Space Preparation. Space preparation fees consist of a nonrecurring charge for Firm Order Processing and monthly recurring charges for Central Office Modifications assessed per arrangement, per square foot and Common Systems Modifications assessed per arrangement, per square foot for cageless collocation and per cage for caged collocation. ACN shall remit payment of the nonrecurring Firm Order Processing fee coincident with the submission of a BFFO. These charges recover the costs associated with preparing the Collocation Space, which includes, but is not limited to, the following items: a survey, engineering of the Collocation Space, design and modification costs for network, building and support systems, etc. In the event ACN opts for cageless space, the space preparation fees will be assessed based on the total square footage of floor space dedicated to ACN as prescribed in this Section.
- 8.5 Floor Space. The Floor Space Charge includes reasonable charges for lighting, HVAC, and other allocated expenses associated with maintenance of the "BellSouth Premises", but does not include any power-related costs incurred by BellSouth. When the Collocation Space is enclosed, ACN shall pay floor space charges based upon the number of square feet so enclosed. The minimum size for caged Collocation Space is 100 square feet. Additional caged Collocation Space may be requested in increments of 50 square feet. When the Collocation Space is not enclosed, ACN shall pay floor space charges based upon the following floor space calculation: [(depth of the equipment lineup in which the rack is placed) + (0.5 x maintenance aisle depth) + (0.5 x wiring aisle depth)] x (width of rack and spacers). For purposes of this calculation, the depth of the equipment lineup shall consider the footprint of equipment racks plus any equipment overhang. BellSouth will assign unenclosed Collocation Space in conventional equipment rack lineups where feasible. In the event ACN's collocated equipment requires special cable racking, isolated grounding or other treatment which prevents placement within conventional equipment rack lineups, ACN shall be required

to request an amount of floor space sufficient to accommodate the total equipment arrangement.

- 8.6 Power. BellSouth shall make available –48 Volt (-48V) Direct Current (DC) power for ACN's Collocation Space at a BellSouth Power Board or BellSouth Battery Distribution Fuse Bay (BDFB) upon ACN's request within the "BellSouth Premises"; however, the determination of whether BellSouth will permit the power configuration requested by ACN will be made at BellSouth's sole discretion, which shall not be unreasonably withheld. BellSouth will revise ACN's recurring power charges to reflect a power upgrade upon notification of the completion of the upgrade by ACN's BellSouth Certified Vendor. BellSouth will revise recurring power charges to reflect a power reduction upon BellSouth's receipt of the Power Reduction Form from ACN certifying the completion of the power reduction work, including the removal of the power cabling by ACN's BellSouth Certified Supplier.
- 8.6.1 When obtaining power from a BDFB, fuses and power cables (A&B) must be engineered (sized), and installed by ACN's BellSouth Certified Supplier. Likewise, when obtaining power from a BellSouth power board, power cables (A&B) must be engineered (sized) and installed by ACN's BellSouth Certified Supplier. ACN is responsible for contracting with a BellSouth Certified Supplier for the power distribution feeder cable running from a BellSouth BDFB or BellSouth power board to ACN's equipment. The determination of whether ACN's requested DC power will be provided from the BellSouth BDFB or BellSouth power board will be made at BellSouth's sole, but reasonable, discretion. The BellSouth Certified Supplier contracted by ACN must provide BellSouth with a copy of the engineering power specifications prior to the day on which ACN's equipment becomes operational (Commencement Date). BellSouth will provide the common power feeder cable support structure between the BellSouth BDFB or BellSouth power board and ACN's Collocation Space. ACN shall contract with a BellSouth Certified Supplier who will be responsible for the following power provisioning activities: installing, removing or replacing dedicated power cable support structure within ACN's arrangement, power cable feeds, and terminations of cable. A BellSouth Certified Supplier must perform all terminations at a BellSouth power board. ACN shall comply with all applicable National Electric Code (NEC), BellSouth TR73503, Telcordia and ANSI Standards regarding power cabling, installation, and maintenance.
- 8.6.2 If ACN elects to install its own DC Power Plant, BellSouth shall provide Alternating Current (AC) power to feed ACN's DC Power Plant. Charges for AC power will be assessed per breaker ampere per month. Rates include the provision of commercial and standby AC power. When obtaining power from a BellSouth service panel, protection devices and power cables must be engineered (sized) and installed by ACN's BellSouth Certified Supplier, except that BellSouth shall engineer and install protection devices and power cables for Adjacent Collocation. ACN's BellSouth Certified Supplier must also provide a copy of the engineering power Specifications prior to the Commencement Date. Charges for AC power shall be assessed pursuant to the rates specified in Exhibit B. AC power voltage and phase ratings shall be

- determined on a per location basis. At ACN's option, ACN may arrange for AC power in an adjacent collocation arrangement from a retail provider of electrical power.
- 8.6.3 In Tennessee, monthly recurring charges for -48V DC power consumption will be assessed per ampere per month based upon the engineered and installed power feed fused ampere capacity. Rates include redundant feeder fuse positions (A&B) and common cable racks to ACN's equipment or space enclosure. ACN shall contract with a BellSouth Certified Supplier to perform the installation and removal of dedicated power cable support structure within ACN's arrangement and terminations of cable within the Collocation Space.
- 8.6.3.1 In Tennessee, nonrecurring charges for -48V DC power distribution will be based on the costs associated with collocation power plant investment and the associated infrastructure.
- 8.6.4 In Alabama and Louisiana, ACN has the option to purchase power directly from an electric utility company. Under such an option, ACN is responsible for contracting with the electric utility company for its own power feed and meter and is financially responsible for purchasing all equipment necessary to accomplish the arrangement, including inverters, batteries, power boards, bus bars, BDFBs, backup power supplies and cabling. The actual work to install this arrangement must be performed by a BellSouth Certified Supplier hired by ACN. ACN's BellSouth Certified Supplier must comply with all applicable safety codes, including the National Electric Safety Codes, in the installation of this power arrangement. If ACN previously had power supplied by BellSouth, ACN may request to change its Collocation Space to obtain power from an electric utility company by submitting a Subsequent Application. BellSouth will waive the application fee for this Subsequent Application if no other changes are requested therein. Any floor space, cable racking, etc. utilized by ACN in provisioning said power will be billed on an ICB basis.
- 8.6.5 In South Carolina, ACN has the option to purchase power directly from an electric utility company where technically feasible and where space is available in a requested "BellSouth Premises". Under such option, ACN is responsible for contracting with the electric utility company for its own power feed and meter and is financially responsible for purchasing all equipment necessary to accomplish the arrangement, including inverters, batteries, power boards, bus bars, BDFBs, backup power supplies and power cabling. The actual work to install this arrangement must be performed by a BellSouth Certified Supplier hired by ACN. ACN's BellSouth Certified Supplier must comply with all applicable national, regional, state and local safety, electrical, fire and building codes, including the National Electric Safety Code standards, in the installation of this power arrangement, just as BellSouth is required to comply with these codes. ACN must submit an application to BellSouth for the appropriate amount of Collocation Space that ACN requires to install this type of power arrangement. BellSouth will evaluate the request and determine if the appropriate amount of space is available within the office for the installation of ACN's power equipment and facilities.

- This type of power arrangement must be located in an appropriate area in the central office that has been properly conditioned for the installation of power equipment and conforms to the applicable national, regional, state and local safety, electrical, fire and building codes. BellSouth shall waive the application fee or any other nonrecurring charges that would otherwise be due from a CLEC that decides to reconfigure an existing collocation power arrangement to purchase power directly from an electric utility company as provided herein. ACN shall be responsible for the recurring charges associated with the central office space needed for this type of power arrangement, including space required to place associated power-related equipment and facilities (i.e., batteries, generator, power meter, etc.). If there is no space available for this type of power arrangement in the requested central office, BellSouth may seek a waiver of these requirements from the Commission for the central office requested. ACN would still retain the option of ordering its power needs directly from BellSouth.
- 8.6.6 If ACN desire to reduce the amount of power that it has requested from BellSouth, ACN must submit a Subsequent Application for this power reduction. If no other modifications to the Collocation Space are requested other than the reduction in power, the Power Reduction Only, Application fee, as set forth in Exhibit B, will apply. If other modifications are requested in addition to the reduction of power, the Subsequent Application Fee will apply. BellSouth will bill the appropriate nonrecurring application fee on the date BellSouth provides an Application Response to ACN.
- 8.6.7 In Alabama and Louisiana, if ACN is currently served from the BellSouth main power board and requests that its power be reconfigured to connect to a BellSouth BDFB in a specific central office, ACN must submit a Subsequent Application to BellSouth. A response to such application will be provided by BellSouth within seven (7) calendar days and no application fee will apply for the initial power reduction at each “BellSouth Premises” in which ACN is currently collocated.
- 8.7 Security Escort. A security escort will be required whenever ACN or its approved agent desires access to the entrance manhole or must have access to a “BellSouth Premises” after the one (1) accompanied site visit allowed pursuant to Section 5.9 prior to completing BellSouth’s Security Training requirements. The rates for security escort service are assessed, beginning with the scheduled escort time, pursuant to the fee schedule in Exhibit B. BellSouth will wait for one-half (1/2) hour after the scheduled time for such an escort and ACN shall pay for such half-hour charges in the event ACN fails to show up.
- 8.8 Cable Record charges. These charges apply for work required to add or change existing cable records assigned to ACN in BellSouth’s database systems. The VG/DS0 per cable record charge is for a maximum of 3600 records. The Fiber cable record charge is for a maximum of 99 records. The Cable Record charges are assessed as nonrecurring fees in all BellSouth states, other than Louisiana, and will be billed upon receipt of ACN’s BFFO. In Louisiana, the Cable Record charges are assessed on a monthly recurring basis and will be billed upon receipt of ACN’s BFFO.

- 8.9 Other. If no rate is identified in the contract, the rate for the specific service or function will be negotiated by the Parties upon request by either Party.

9. Insurance

- 9.1 ACN shall, at its sole cost and expense, procure, maintain, and keep in force insurance as specified in this Section and underwritten by insurance companies licensed to do business in the states applicable under this Agreement and having a Best's Insurance Rating of A-.
- 9.2 ACN shall maintain the following specific coverage:
- 9.2.1 Commercial General Liability coverage in the amount of ten million dollars (\$10,000,000.00) or a combination of Commercial General Liability and Excess/Umbrella coverage totaling not less than ten million dollars (\$10,000,000.00). BellSouth shall be named as an Additional Insured on the Commercial General Liability policy as specified herein.
- 9.2.2 Statutory Workers Compensation coverage and Employers Liability coverage in the amount of one hundred thousand dollars (\$100,000.00) each accident, one hundred thousand dollars (\$100,000.00) each employee by disease, and five hundred thousand dollars (\$500,000.00) policy limit by disease.
- 9.2.3 All Risk Property coverage on a full replacement cost basis insuring all of ACN's real and personal property situated on or within BellSouth's Central Office location(s).
- 9.2.4 ACN may elect to purchase business interruption and contingent business interruption insurance, having been advised that BellSouth assumes no liability for loss of profit or revenues should an interruption of service occur.
- 9.3 The limits set forth in Section 9.2 above may be increased by BellSouth from time to time during the term of this Agreement upon thirty (30) calendar days notice to ACN to at least such minimum limits as shall then be customary with respect to comparable occupancy of BellSouth structures.
- 9.4 All policies purchased by ACN shall be deemed to be primary and not contributing to or in excess of any similar coverage purchased by BellSouth. All insurance must be in effect on or before the date equipment is delivered to BellSouth's Premises and shall remain in effect for the term of this Attachment or until all ACN's property has been removed from BellSouth's Premises, whichever period is longer. If ACN fails to maintain required coverage, BellSouth may pay the premiums thereon and seek reimbursement of same from ACN.
- 9.5 ACN shall submit certificates of insurance reflecting the coverage required pursuant to this Section a minimum of ten (10) business days prior to the commencement of any work in the Collocation Space. Failure to meet this interval may result in construction

and equipment installation delays. ACN shall arrange for BellSouth to receive thirty (30) business days' advance notice of cancellation from ACN's insurance company. ACN shall forward a certificate of insurance and notice of cancellation/non-renewal to BellSouth at the following address:

BellSouth Telecommunications, Inc.
Attn.: Risk Management Coordinator
17H53 BellSouth Center
675 W. Peachtree Street
Atlanta, Georgia 30375

- 9.6 ACN must conform to recommendations made by BellSouth's fire insurance company to the extent BellSouth has agreed to, or shall hereafter agree to, such recommendations.
- 9.7 Self-Insurance. If ACN's net worth exceeds five hundred million dollars (\$500,000,000), ACN may elect to request self-insurance status in lieu of obtaining any of the insurance required in Sections 9.2.1 and 9.2.2. ACN shall provide audited financial statements to BellSouth thirty (30) calendar days prior to the commencement of any work in the Collocation Space. BellSouth shall then review such audited financial statements and respond in writing to ACN in the event that self-insurance status is not granted to ACN. If BellSouth approves ACN for self-insurance, ACN shall annually furnish to BellSouth, and keep current, evidence of such net worth that is attested to by one of ACN's corporate officers. The ability to self-insure shall continue so long as the ACN meets all of the requirements of this Section. If ACN subsequently no longer satisfies this Section, ACN is required to purchase insurance as indicated by Sections 9.2.1 and 9.2.2.
- 9.8 The net worth requirements set forth in Section 9.7 may be increased by BellSouth from time to time during the term of this Attachment upon thirty (30) calendar days' notice to ACN to at least such minimum limits as shall then be customary with respect to comparable occupancy of BellSouth structures.
- 9.9 Failure to comply with the provisions of this Section will be deemed a material breach of this Attachment.

10. Mechanics Liens

- 10.1 If any mechanics lien or other liens shall be filed against property of either Party (BellSouth or ACN), or any improvement thereon by reason of or arising out of any labor or materials furnished or alleged to have been furnished or to be furnished to or for the other Party or by reason of any changes, or additions to said property made at the request or under the direction of the other Party, the other Party directing or requesting those changes shall, within thirty (30) business days after receipt of written notice from the Party against whose property said lien has been filed, either pay such lien or cause the same to be bonded off the affected property in the manner provided

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by law. The Party causing said lien to be placed against the property of the other shall also defend, at its sole cost and expense, on behalf of the other, any action, suit or proceeding which may be brought for the enforcement of such liens and shall pay any damage and discharge any judgment entered thereon.

11. Inspections

- 11.1 BellSouth may conduct an inspection of ACN's equipment and facilities in the Collocation Space(s) prior to the activation of facilities between ACN's equipment and equipment of BellSouth. BellSouth may conduct an inspection if ACN adds equipment and may otherwise conduct routine inspections at reasonable intervals mutually agreed upon by the Parties. BellSouth shall provide ACN with a minimum of forty-eight (48) hours or two (2) business days, whichever is greater, advance notice of all such inspections. All costs of such inspection shall be borne by BellSouth.

12. Security and Safety Requirements

- 12.1 Unless otherwise specified, ACN will be required, at its own expense, to conduct a statewide investigation of criminal history records for each ACN employee hired in the past five years being considered for work on the "BellSouth Premises", for the states/counties where the ACN employee has worked and lived for the past five years. Where state law does not permit statewide collection or reporting, an investigation of the applicable counties is acceptable. ACN shall not be required to perform this investigation if an affiliated company of ACN has performed an investigation of the ACN employee seeking access, if such investigation meets the criteria set forth above. This requirement will not apply if ACN has performed a pre-employment statewide investigation of criminal history records of the ACN employee for the states/counties where the ACN employee has worked and lived for the past five years or, where state law does not permit a statewide investigation, an investigation of the applicable counties.
- 12.2 ACN will be required to administer to its personnel assigned to the "BellSouth Premises" security training either provided by BellSouth, or meeting criteria defined by BellSouth.
- 12.3 ACN shall provide its employees and agents with picture identification, which must be worn and visible at all times while in the Collocation Space or other areas in or around the "BellSouth Premises". The photo identification card shall bear, at a minimum, the employee's name and photo and ACN's name. BellSouth reserves the right to remove from a "BellSouth Premises" any employee of ACN not possessing identification issued by ACN or who has violated any of BellSouth's policies as outlined in the CLEC Security Training documents. ACN shall not hold BellSouth harmless for any damages resulting from such removal of its personnel from a "BellSouth Premises". ACN shall be solely responsible for ensuring that any Guest(s) of ACN is in compliance with all subsections of this Section.

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- 12.4 ACN shall not assign to the “BellSouth Premises” any personnel with records of felony criminal convictions. ACN shall not assign to the “BellSouth Premises” any personnel with records of misdemeanor convictions, except for misdemeanor traffic violations, without advising BellSouth of the nature and gravity of the offense(s). BellSouth reserves the right to refuse building access to any ACN personnel who have been identified to have misdemeanor criminal convictions. Notwithstanding the foregoing, in the event that ACN chooses not to advise BellSouth of the nature and gravity of any misdemeanor conviction, ACN may, in the alternative, certify to BellSouth that it shall not assign to the “BellSouth Premises” any personnel with records of misdemeanor convictions (other than misdemeanor traffic violations).
- 12.4.1 ACN shall not knowingly assign to the “BellSouth Premises” any individual who was a former employee of BellSouth and whose employment with BellSouth was terminated for a criminal offense whether or not BellSouth sought prosecution of the individual for the criminal offense.
- 12.4.2 ACN shall not knowingly assign to the “BellSouth Premises” any individual who was a former supplier of BellSouth and whose access to a “BellSouth Premises” was revoked due to commission of a criminal offense whether or not BellSouth sought prosecution of the individual for the criminal offense.
- 12.5 For each ACN employee or agent hired by ACN within five years of being considered for work on the “BellSouth Premises”, who requires access to a “BellSouth Premises” pursuant to this Attachment, ACN shall furnish BellSouth, prior to an employee or agent gaining such access, a certification that the aforementioned background check and security training were completed. The certification will contain a statement that no felony convictions were found and certify that the employee completed the security training. If the employee’s criminal history includes misdemeanor convictions, ACN will disclose the nature of the convictions to BellSouth at that time. In the alternative, ACN may certify to BellSouth that it shall not assign to the “BellSouth Premises” any personnel with records of misdemeanor convictions other than misdemeanor traffic violations.
- 12.5.1 For all other ACN employees requiring access to a “BellSouth Premises” pursuant to this Attachment, ACN shall furnish BellSouth, prior to an employee gaining such access, a certification that the employee is not subject to the requirements of Section 12.5 above and that security training was completed by the employee.
- 12.6 At BellSouth’s request, ACN shall promptly remove from the “BellSouth Premises” any employee of ACN BellSouth does not wish to grant access to a “BellSouth Premises” 1) pursuant to any investigation conducted by BellSouth or 2) prior to the initiation of an investigation if an employee of ACN is found interfering with the property or personnel of BellSouth or another collocated telecommunications carrier, provided that an investigation shall promptly be commenced by BellSouth.

- 12.7 Security Violations. BellSouth reserves the right to interview ACN's employees, agents, or suppliers in the event of wrongdoing in or around BellSouth's property or involving BellSouth's or another collocated telecommunications carrier's property or personnel, provided that BellSouth shall provide reasonable notice to ACN's Security representative of such interview. ACN and its suppliers shall reasonably cooperate with BellSouth's investigation into allegations of wrongdoing or criminal conduct committed by, witnessed by, or involving ACN's employees, agents, or suppliers. Additionally, BellSouth reserves the right to bill ACN for all reasonable costs associated with investigations involving its employees, agents, or suppliers if it is established and mutually agreed in good faith that ACN's employees, agents, or suppliers are responsible for the alleged act. BellSouth shall bill ACN for BellSouth property, which is stolen or damaged where an investigation determines the culpability of ACN's employees, agents, or suppliers and where ACN agrees, in good faith, with the results of such investigation. ACN shall notify BellSouth in writing immediately in the event that ACN discovers one of its employees already working on the "BellSouth Premises" is a possible security risk. Upon request of the other Party, the Party who is the employer shall discipline consistent with its employment practices, up to and including removal from BellSouth's Premises, any employee found to have violated the security and safety requirements of this Section. ACN shall not hold BellSouth harmless for any damages resulting from such removal of its personnel from a "BellSouth Premises".
- 12.8 Use of Supplies. Unauthorized use of equipment, supplies or other property by either Party, whether or not used routinely to provide telephone service will be strictly prohibited and handled appropriately. Costs associated with such unauthorized use may be charged to the offending Party, as may be all associated investigative costs.
- 12.9 Use of Official Lines. Except for non-toll calls necessary in the performance of their work, neither Party shall use the telephones of the other Party on BellSouth's Premises. Charges for unauthorized telephone calls may be charged to the offending Party, as may be all associated investigative costs.
- 12.10 Accountability. Full compliance with the Security requirements of this Section shall in no way limit the accountability of either Party to the other for the improper actions of its employees.
- 13. Destruction of Collocation Space**
- 13.1 In the event a Collocation Space is wholly or partially damaged by fire, windstorm, tornado, flood or by similar causes to such an extent as to be rendered wholly unsuitable for ACN's permitted use hereunder, then either Party may elect within ten (10) calendar days after such damage, to terminate occupancy of the damaged Collocation Space, and if either Party shall so elect, by giving the other written notice of termination, both Parties shall stand released of and from further liability under the terms hereof. If the Collocation Space shall suffer only minor damage and shall not be

rendered wholly unsuitable for ACN's permitted use, or is damaged and the option to terminate is not exercised by either Party, BellSouth covenants and agrees to proceed promptly without expense to ACN, except for improvements not to the property of BellSouth, to repair the damage. BellSouth shall have a reasonable time within which to rebuild or make any repairs, and such rebuilding and repairing shall be subject to delays caused by storms, shortages of labor and materials, government regulations, strikes, walkouts, and causes beyond the control of BellSouth, which causes shall not be construed as limiting factors, but as exemplary only. ACN may, at its own expense, accelerate the rebuild of its collocated space and equipment provided however that a BellSouth Certified Supplier is used and the necessary space preparation has been completed. If ACN's acceleration of the project increases the cost of the project, then those additional charges will be incurred by ACN. Where allowed and where practical, ACN may erect a temporary facility while BellSouth rebuilds or makes repairs. In all cases where the Collocation Space shall be rebuilt or repaired, ACN shall be entitled to an equitable abatement of rent and other charges, depending upon the unsuitability of the Collocation Space for ACN's permitted use, until such Collocation Space is fully repaired and restored and ACN's equipment installed therein (but in no event later than thirty (30) calendar days after the Collocation Space is fully repaired and restored). Where ACN has placed an Adjacent Arrangement pursuant to Section 3.4, ACN shall have the sole responsibility to repair or replace said Adjacent Arrangement provided herein. Pursuant to this Section, BellSouth will restore the associated services to the Adjacent Arrangement.

14. Eminent Domain

- 14.1 If the whole of a Collocation Space or Adjacent Arrangement shall be taken by any public authority under the power of eminent domain, then this Attachment shall terminate with respect to such Collocation Space or Adjacent Arrangement as of the day possession shall be taken by such public authority and rent and other charges for the Collocation Space or Adjacent Arrangement shall be paid up to that day with proportionate refund by BellSouth of such rent and charges as may have been paid in advance for a period subsequent to the date of the taking. If any part of the Collocation Space or Adjacent Arrangement shall be taken under eminent domain, BellSouth and ACN shall each have the right to terminate this Attachment with respect to such Collocation Space or Adjacent Arrangement and declare the same null and void, by written notice of such intention to the other Party within ten (10) calendar days after such taking.

15. Nonexclusivity

- 15.1 ACN understands that this Attachment is not exclusive and that BellSouth may enter into similar agreements with other Parties. Assignment of space pursuant to all such agreements shall be determined by space availability and made on a first come, first served basis

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ENVIRONMENTAL AND SAFETY PRINCIPLES

The following principles provide basic guidance on environmental and safety issues when applying for and establishing Physical Collocation arrangements.

1. GENERAL PRINCIPLES

- 1.1 Compliance with Applicable Law. BellSouth and ACN agree to comply with applicable federal, state, and local environmental and safety laws and regulations including U.S. Environmental Protection Agency (USEPA) regulations issued under the Clean Air Act (CAA), Clean Water Act (CWA), Resource Conservation and Recovery Act (RCRA), Comprehensive Environmental Response, Compensation and Liability Act (CERCLA), Superfund Amendments and Reauthorization Act (SARA), the Toxic Substances Control Act (TSCA), and OSHA regulations issued under the Occupational Safety and Health Act of 1970, as amended and NFPA and National Electrical Codes (NEC) and the NESC (Applicable Laws). Each Party shall notify the other if compliance inspections are conducted by regulatory agencies and/or citations are issued that relate to any aspect of this Attachment.
- 1.2 Notice. BellSouth and ACN shall provide notice to the other, including Material Safety Data Sheets (MSDSs), of known and recognized physical hazards or Hazardous Chemicals existing on site or brought on site. A Hazardous Chemical inventory list is posted on an OSHA Poster and updated annually at each Central Office. This Poster is normally located near the front entrance of the building or in the lounge area. Each Party is required to provide specific notice for known potential Imminent Danger conditions. ACN should contact 1-800-743-6737 for any BellSouth MSDS required.
- 1.3 Practices/Procedures. BellSouth may make available additional environmental control procedures for ACN to follow when working at a “BellSouth Premises” (See Section 2, below). These practices/procedures will represent the regular work practices required to be followed by the employees and suppliers of BellSouth for environmental protection. ACN will require its suppliers, agents and others accessing the “BellSouth Premises” to comply with these practices. Section 2 lists the Environmental categories where BST practices should be followed by ACN when operating in the “BellSouth Premises”.
- 1.4 Environmental and Safety Inspections. BellSouth reserves the right to inspect the ACN space with proper notification. BellSouth reserves the right to stop any ACN work operation that imposes Imminent Danger to the environment, employees or other persons in the area on BellSouth’s Premises.
- 1.5 Hazardous Materials Brought On Site. Any hazardous materials brought into, used, stored or abandoned at the “BellSouth Premises” by ACN are owned by ACN. ACN will indemnify BellSouth for claims, lawsuits or damages to persons or property caused by these materials. Without prior written BellSouth approval, no substantial new safety or environmental hazards can be created by ACN or different hazardous materials used by ACN at a “BellSouth Premises”. ACN must demonstrate adequate emergency response capabilities for its materials used or remaining at the “BellSouth Premises”.

- 1.6 Spills and Releases. When contamination is discovered at a “BellSouth Premises”, either Party discovering the condition must notify the other Party. All Spills or Releases of regulated materials will immediately be reported by ACN to BellSouth.
- 1.7 Coordinated Environmental Plans and Permits. BellSouth and ACN will coordinate plans, permits or information required to be submitted to government agencies, such as emergency response plans, spill prevention control and countermeasures (SPCC) plans and community reporting. If fees are associated with filing, BellSouth and ACN will develop a cost sharing procedure. If BellSouth’s permit or EPA identification number must be used, ACN must comply with all of BellSouth’s permit conditions and environmental processes, including environmental “best management practices (BMP)” (see Section 2, below) and/or selection of BST disposition vendors and disposal sites.
- 1.8 Environmental and Safety Indemnification. BellSouth and ACN shall indemnify, defend and hold harmless the other Party from and against any claims (including, without limitation, third-party claims for personal injury or death or real or personal property damage), judgments, damages (including direct and indirect damages and punitive damages), penalties, fines, forfeitures, costs, liabilities, interest and losses arising in connection with the violation or alleged violation of any Applicable Law or contractual obligation or the presence or alleged presence of contamination arising out of the acts or omissions of the indemnifying Party, its agents, suppliers, or employees concerning its operations at the “BellSouth Premises”.

2. CATEGORIES FOR CONSIDERATION OF ENVIRONMENTAL ISSUES

- 2.1 When performing functions that fall under the following Environmental categories on BellSouth’s Premises, ACN agrees to comply with the applicable sections of the current issue of BellSouth’s Environmental and Safety Methods and Procedures (M&Ps), incorporated herein by this reference. ACN further agrees to cooperate with BellSouth to ensure that ACN’s employees, agents, and/or suppliers are knowledgeable of and satisfy those provisions of BellSouth’s Environmental M&Ps which apply to the specific Environmental function being performed by ACN, its employees, agents and/or suppliers.
- 2.2 The most current version of the reference documentation must be requested from ACN’s BellSouth Regional Contract Manager (RCM) (f/k/a Account Team Collocation Coordinator – ATCC).

ENVIRONMENTAL CATEGORIES	ENVIRONMENTAL ISSUES	ADDRESSED BY THE FOLLOWING DOCUMENTATION
Disposal of hazardous material or other regulated material (e.g., batteries, fluorescent	Compliance with all applicable local, state, & federal laws and regulations	Std T&C 450 Fact Sheet Series 17000

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tubes, solvents & cleaning materials)	Pollution liability insurance EVET approval of supplier	Std T&C 660-3 Approved Environmental Vendor List (Contact RCM Representative)
Emergency response	Hazmat/waste release/spill fire safety emergency	Fact Sheet Series 17000 Building Emergency Operations Plan (EOP) (specific to and located on BellSouth's Premises)
Contract labor/outsourcing for services with environmental implications to be performed on "BellSouth Premises" (e.g., disposition of hazardous material/waste; maintenance of storage tanks)	Compliance with all applicable local, state, & federal laws and regulations Performance of services in accordance with BST's environmental M&Ps Insurance	Std T&C 450 Std T&C 450-B (Contact RCM Representative for copy of appropriate E/S M&Ps.) Std T&C 660
Transportation of hazardous material	Compliance with all applicable local, state, & federal laws and regulations Pollution liability insurance EVET approval of supplier	Std T&C 450 Fact Sheet Series 17000 Std T&C 660-3 Approved Environmental Vendor List (Contact RCM Representative)
Maintenance/operations work which may produce a waste Other maintenance work	Compliance with all applicable local, state, & federal laws and regulations Protection of BST employees and equipment	Std T&C 450 29CFR 1910.147 (OSHA Standard) 29CFR 1910 Subpart O (OSHA Standard)
Janitorial services	All waste removal and disposal must conform to all applicable federal, state and local regulations All Hazardous Material and	Procurement Manager (CRES Related Matters)-BST Supply Chain Services

	Waste Asbestos notification and protection of employees and equipment	Fact Sheet Series 17000 GU-BTEN-001BT, Chapter 3 BSP 010-170-001BS (Hazcom)
Manhole cleaning	Compliance with all applicable local, state, & federal laws and regulations Pollution liability insurance EVET approval of supplier	Std T&C 450 Fact Sheet 14050 BSP 620-145-011PR Issue A, August 1996 Std T&C 660-3 Approved Environmental Vendor List (Contact RCM Representative)
Removing or disturbing building materials that may contain asbestos	Asbestos work practices	GU-BTEN-001BT, Chapter 3 For questions regarding removing or disturbing materials that contain asbestos, call the BellSouth Building Service Center: AL, MS, TN, KY & LA (local area code) 557-6194 FL, GA, NC & SC (local area code) 780-2740

3. DEFINITIONS

Generator. Under RCRA, the person whose act produces a Hazardous Waste, as defined in 40 CFR 261, or whose act first causes a Hazardous Waste to become subject to regulation. The Generator is legally responsible for the proper management and disposal of Hazardous Wastes in accordance with regulations.

Hazardous Chemical. As defined in the U.S. Occupational Safety and Health (OSHA) hazard communication standard (29 CFR 1910.1200), any chemical which is a health hazard or physical hazard.

Hazardous Waste. As defined in Section 1004 of RCRA.

Imminent Danger. Any conditions or practices at a “BellSouth Premises” which are such that a danger exists which could reasonably be expected to cause immediate death or serious harm to people or immediate significant damage to the environment or natural resources.

Spill or Release. As defined in Section 101 of CERCLA.

4. ACRONYMS

RCM – Regional Collocation Manager (f/k/a Account Team Collocation Coordinator)

BST – BellSouth Telecommunications

CRES – Corporate Real Estate and Services (formerly PS&M)

DEC/LDEC - Department Environmental Coordinator/Local Department Environmental Coordinator

E/S – Environmental/Safety

EVET - Environmental Vendor Evaluation Team

GU-BTEN-001BT - BellSouth Environmental Methods and Procedures

NESC - National Electrical Safety Codes

P&SM - Property & Services Management

Std T&C - Standard Terms & Conditions

Attachment 5

Remote Site Physical Collocation

BELLSOUTH**REMOTE SITE PHYSICAL COLLOCATION****1. Scope of Attachment**

1.1 Scope of Attachment. The rates, terms, and conditions contained within this Attachment shall only apply when ACN is occupying the collocation space as a sole occupant or as a Host within a Remote Site Location ("Remote Collocation Space") pursuant to this Attachment.

1.2 Right to occupy. BellSouth shall offer to ACN Remote Collocation Space on rates, terms, and conditions that are just, reasonable, non-discriminatory and consistent with the rules of the Federal Communications Commission ("FCC"). Subject to the rates, terms, and conditions of this Attachment, where space is available and collocation is technically feasible, BellSouth will allow ACN to occupy that certain area designated by BellSouth within a BellSouth Remote Site Location, or on BellSouth property upon which the BellSouth Remote Site Location is located, of a size, which is specified by ACN and agreed to by BellSouth. BellSouth Remote Site Locations include cabinets, huts, and controlled environmental vaults owned or leased by BellSouth that house BellSouth Network Facilities. To the extent this Attachment does not include all the necessary rates, terms and conditions for BellSouth Remote Site Locations other than cabinets, huts and controlled environmental vaults, the Parties will negotiate said rates, terms, and conditions upon request for collocation at BellSouth Remote Site Locations other than those specified above.

1.3 Space Reservation.

1.3.1 In all states other than Florida, the number of racks/bays specified by ACN may contemplate a request for space sufficient to accommodate ACN's growth within a two-year period.

1.3.2 In the state of Florida, the number of racks/bays specified by ACN may contemplate a request for space sufficient to accommodate ACN's growth within an eighteen (18) month period.

1.3.3 Neither BellSouth nor any of BellSouth's affiliates may reserve space for future use on more preferential terms than those set forth above.

1.4 Third Party Property. If the Premises, or the property on which it is located, is leased by BellSouth from a Third Party or otherwise controlled by a Third Party, special considerations and intervals may apply in addition to the terms and conditions of this

Attachment. Additionally, where BellSouth notifies ACN that BellSouth's agreement with a Third Party does not grant BellSouth the ability to provide access and use rights to others, upon ACN's request, BellSouth will use its best efforts to obtain the owner's consent and to otherwise secure such rights for ACN. ACN agrees to reimburse BellSouth for the reasonable and demonstrable costs incurred by BellSouth in obtaining such rights for ACN. In cases where a Third Party agreement does not grant BellSouth the right to provide access and use rights to others as contemplated by this Attachment and BellSouth, despite its best efforts, is unable to secure such access and use rights for ACN as above, ACN shall be responsible for obtaining such permission to access and use such property. BellSouth shall cooperate with ACN in obtaining such permission.

- 1.5 Space Reclamation. In the event of space exhaust within a Remote Site Location, BellSouth may include in its documentation for the Petition for Waiver filing any unutilized space in the Remote Site Location. ACN will be responsible for any justification of unutilized space within its Remote Collocation Space, if the Commission requires such justification.
- 1.6 Use of Space. ACN shall use the Remote Collocation Space for the purposes of installing, maintaining and operating ACN's equipment (to include testing and monitoring equipment) necessary for interconnection with BellSouth services and facilities or for accessing BellSouth unbundled network elements (UNEs) for the provision of telecommunications services, as specifically set forth in this Agreement. The Remote Collocation Space may be used for no other purposes except as specifically described herein or in any amendment hereto.
- 1.7 Rates and charges. ACN agrees to pay the rates and charges identified in Exhibit B attached hereto.
- 1.8 If any due date contained in this Attachment falls on a weekend or National holiday, then the due date will be the next business day thereafter. For intervals of ten (10) calendar days or less National holidays will be excluded.
- 1.9 The Parties agree to comply with all applicable federal, state, county, local and administrative laws, rules, ordinances, regulations and codes in the performance of their obligations hereunder.
2. **Space Availability Report**
- 2.1 Space Availability Report. Upon request from ACN, BellSouth will provide a written report ("Space Availability Report"), describing in detail the space that is available for collocation and specifying the amount of Remote Collocation Space available at the Remote Site Location requested, the number of collocators present at the Remote Site Location, any modifications in the use of the space since the last report on the Remote

Site Location requested and the measures BellSouth is taking to make additional space available for collocation arrangements. A Space Availability Report does not reserve space at the Remote Site Location.

- 2.1.1 The request from ACN for a Space Availability Report must be written and must include the Common Language Location Identification (“CLLI”) code for both the Remote Site Location and the serving wire center. The CLLI code information for the serving wire center is located in the National Exchange Carrier Association (NECA) Tariff FCC No. 4. If ACN is unable to obtain the CLLI code for the Remote Site Location from, for example, a site visit to the remote site, ACN may request the CLLI code from BellSouth. To obtain a CLLI code for a Remote Site Location directly from BellSouth, ACN should submit to BellSouth a Remote Site Interconnection Request for the serving wire center CLLI code prior to submitting its request for a Space Availability Report. ACN should complete all the requested information and submit the Request to BellSouth. BellSouth will bill the applicable fee upon receipt of the request.
- 2.1.2 BellSouth will respond to a request for a Space Availability Report for a particular Remote Site Location within ten (10) calendar days of receipt of such request. BellSouth will make best efforts to respond in ten (10) calendar days to such a request when the request includes from two (2) to five (5) Remote Site Locations within the same state. The response time for requests of more than five (5) Remote Site Locations shall be negotiated between the Parties. If BellSouth cannot meet the ten (10) calendar day response time, BellSouth shall notify ACN and inform ACN of the time frame under which it can respond.
- 2.2 Remote Terminal information. Upon request, BellSouth will provide ACN with the following information concerning BellSouth’s remote terminals: (i) the address of the remote terminal; (ii) the CLLI code of the remote terminal; (iii) the carrier serving area of the remote terminal; (iv) the designation of which remote terminals subtend a particular central office; and (v) the number and address of customers that are served by a particular remote terminal.
- 2.2.1 BellSouth will provide this information on a first come, first served basis within thirty (30) calendar days of a ACN request subject to the following conditions: (i) the information will only be provided on a CD in the same format in which it appears in BellSouth’s systems; (ii) the information will only be provided for each serving wire center designated by ACN, up to a maximum of thirty (30) wire centers per ACN request per month per state, and up to for a maximum of one hundred twenty (120) wire centers total per month per state for all CLECs; and (iii) ACN agrees to pay the costs incurred by BellSouth in providing the information.

3. Collocation Options

3.1 Cageless. BellSouth shall allow ACN to collocate ACN's equipment and facilities without requiring the construction of a cage or similar structure. BellSouth shall allow ACN to have direct access to ACN's equipment and facilities in accordance with Section 5.8. BellSouth shall make cageless collocation available in single rack/bay increments. Except where ACN's equipment requires special technical considerations (e.g., special cable racking or isolated ground plane), BellSouth shall assign cageless Remote Collocation Space in conventional equipment rack lineups where feasible. For equipment requiring special technical considerations, ACN must provide the equipment layout, including spatial dimensions for such equipment pursuant to generic requirements contained in Telcordia GR-63-Core, and shall be responsible for compliance with all special technical requirements associated with such equipment pursuant to Section 7.6 following.

3.2 Caged. At ACN's expense, ACN may arrange with a Supplier certified by BellSouth ("BellSouth Certified Supplier") to construct a collocation arrangement enclosure, where technically feasible as that term has been defined by the FCC, in accordance with BellSouth's Technical References (TR) ("Specifications") prior to starting equipment installation. BellSouth will provide Specifications upon request. ACN's BellSouth Certified Supplier shall be responsible for filing and receiving any and all necessary permits and/or licenses for such construction. BellSouth shall cooperate with ACN and provide, at ACN's expense, the documentation, including existing building architectural drawings, enclosure drawings, and Specifications required and necessary for ACN's BellSouth Certified Supplier to obtain the zoning, permits and/or other licenses. ACN's BellSouth Certified Supplier shall bill ACN directly for all work performed for ACN pursuant to this Attachment and BellSouth shall have no liability for nor responsibility to pay such charges imposed by ACN's BellSouth Certified Supplier. ACN must provide the local BellSouth Remote Site Location contact with two Access Keys used to enter the locked enclosure. Except in case of emergency, BellSouth will not access ACN's locked enclosure prior to notifying ACN at least forty-eight (48) hours before access to the Remote Site Location is required. Upon request, BellSouth shall construct the enclosure for ACN.

3.2.1 BellSouth may elect to review ACN's plans and specifications prior to allowing construction to start to ensure compliance with BellSouth's Specifications. Notification to ACN indicating BellSouth's desire to execute this review will be provided in BellSouth's response to the Application, if ACN has indicated their desire to construct their own enclosure. If ACN's Application does not indicate their desire to construct their own enclosure, but their firm order does indicate their desire to construct their own enclosure, then notification to review will be given within ten (10) calendar days after the Firm Order date. BellSouth shall complete its review within fifteen (15) calendar days after the receipt of the plans and specifications. Regardless of whether or not BellSouth elects to review ACN's plans and specifications, BellSouth reserves the right to inspect the enclosure after construction to make sure it

is constructed according to the submitted plans and specifications and/or BellSouth's Specifications, as applicable. BellSouth shall require ACN to remove or correct within seven (7) calendar days at ACN's expense any structure that does not meet these plans and specifications or, where applicable, BellSouth's Specifications.

- 3.3 Shared Collocation. ACN may allow other telecommunications carriers to share ACN's Remote Collocation Space pursuant to terms and conditions agreed to by ACN ("Host") and other telecommunications carriers ("Guests") and pursuant to this Section, except where the BellSouth Remote Site Location is located within a leased space and BellSouth is prohibited by said lease from offering such an option or is located on property for which BellSouth holds an easement and such easement does not permit such an option. ACN shall notify BellSouth in writing upon execution of any agreement between the Host and its Guest within ten (10) calendar days of its execution and prior to any Firm Order. Further, such notice shall include the name of the Guest(s) and the term of the agreement, and shall contain a certification by ACN that said agreement imposes upon the Guest(s) the same terms and conditions for Remote Collocation Space as set forth in this Attachment between BellSouth and ACN.
- 3.3.1 ACN, as the Host, shall be the sole interface and responsible Party to BellSouth for assessment of rates and charges contained within this Attachment and for the purposes of ensuring that the safety and security requirements of this Attachment are fully complied with by the Guest, its employees and agents. BellSouth shall provide ACN with a proration of the costs of the Remote Collocation Space based on the number of collocators and the space used by each with a minimum charge of one (1) bay/rack per Host/Guest. In those instances where the Host permits a Guest to use a shelf within the Host's bay, BellSouth will not prorate the cost of the bay. In all states other than Florida, and in addition to the foregoing, ACN shall be the responsible party to BellSouth for the purpose of submitting applications for bay/rack placement for the Guest. In Florida the Guest may directly submit bay/rack placement applications using the Host's access carrier name abbreviation (ACNA). A separate Guest application shall require the assessment of an Application Fee, as set forth in Exhibit B, which will be charged to the Host. BellSouth shall bill this nonrecurring fee on the date that BellSouth provides its written response ("Application Response").
- 3.3.2 Notwithstanding the foregoing, the Guest may arrange directly with BellSouth for the provision of the interconnecting facilities between BellSouth and the Guest and for the provision of the services and access to unbundled network elements. The bill for these interconnecting facilities, services and access to UNEs will be charged to the Guest pursuant to the applicable tariff or the Guest's Interconnection Agreement with BellSouth.
- 3.3.3 ACN shall indemnify and hold harmless BellSouth from any and all claims, actions, causes of action, of whatever kind or nature arising out of the presence of ACN's

Guest(s) in the Remote Collocation Space except to the extent caused by BellSouth's sole negligence, gross negligence, or willful misconduct.

- 3.4 Adjacent Collocation. Subject to technical feasibility and space availability, BellSouth will permit adjacent Remote Site collocation arrangements ("Remote Site Adjacent Arrangement") on the property on which the Remote Site is located when space within the Remote Site Location is legitimately exhausted, where the Remote Site Adjacent Arrangement does not interfere with access to existing or planned structures or facilities on the Remote Site Location property. The Remote Site Adjacent Arrangement shall be constructed or procured by ACN and in conformance with BellSouth's design and construction Specifications. Further, ACN shall construct, procure, maintain and operate said Remote Site Adjacent Arrangement(s) pursuant to all of the terms and conditions set forth in this Attachment. Rates shall be negotiated at the time of the application for the Remote Site Adjacent Arrangement.
- 3.4.1 Should ACN elect Adjacent Collocation, ACN must arrange with a BellSouth Certified Supplier to construct a Remote Site Adjacent Arrangement structure in accordance with BellSouth's Specifications. Where local building codes require enclosure specifications more stringent than BellSouth's Specifications, ACN and ACN's BellSouth Certified Supplier must comply with local building code requirements. ACN's BellSouth Certified Supplier shall be responsible for filing and receiving any and all necessary zoning, permits and/or licenses for such construction. ACN's BellSouth Certified Supplier shall bill ACN directly for all work performed for ACN pursuant to this Attachment and BellSouth shall have no liability for nor responsibility to pay such charges imposed by ACN's BellSouth Certified Supplier. ACN must provide the local BellSouth Remote Site Location contact with two cards, keys or other access device used to enter the locked enclosure. Except in cases of emergency, BellSouth shall not access ACN's locked enclosure prior to notifying ACN at least forty-eight (48) hours or two (2) business days, whichever is greater, before access to the locked enclosure is required.
- 3.4.2 ACN must submit its plans and specifications to BellSouth with its Firm Order. BellSouth shall review ACN's plans and specifications prior to construction of a Remote Site Adjacent Arrangement(s) to ensure compliance with BellSouth's Specifications. BellSouth shall complete its review within fifteen (15) calendar days after receipt of plans and specifications. BellSouth may inspect the Remote Site Adjacent Arrangement(s) during and after construction to confirm it is constructed according to the submitted plans and specifications. BellSouth shall require ACN to remove or correct within seven (7) calendar days at ACN's expense any structure that does not meet these plans and specifications or, where applicable, BellSouth's Specifications.
- 3.4.3 ACN shall provide a concrete pad, the structure housing the arrangement, heating/ventilation/air conditioning ("HVAC"), lighting, and all facilities that connect the structure (i.e. racking, conduits, etc.) to the BellSouth point of demarcation. At

ACN's option, and where the local authority having jurisdiction permits, BellSouth shall provide an AC power source and access to physical collocation services and facilities subject to the same nondiscriminatory requirements as applicable to any other physical collocation arrangement. In Alabama and Louisiana, BellSouth will provide DC power to Adjacent Collocation sites where technically feasible, as that term has been defined by the FCC, and subject to individual case basis pricing. ACN's BellSouth Certified Supplier shall be responsible, at ACN's expense, for filing and receiving any and all necessary zoning, permits and/or licenses for such arrangement. BellSouth shall allow Shared Collocation within a Remote Site Adjacent Arrangement pursuant to the terms and conditions set forth herein.

- 3.5 Co-carrier cross-connect (CCXC). The primary purpose of collocation is for a collocated telecommunications carrier to interconnect with BellSouth's network or to access BellSouth's unbundled network elements for the provision of telecommunications services within a BellSouth Premises. BellSouth will permit ACN to interconnect between its virtual or physical collocation arrangements and those of another collocated telecommunications carrier within the same Remote Site Location. Both ACN's agreement and the other collocated telecommunications carrier's agreement must contain rates, terms and conditions for CCXC language. At no point in time shall ACN use the Remote Collocation Space for the sole or primary purpose of cross connecting to other collocated telecommunications carriers.
- 3.5.1 ACN must use a BellSouth Certified Supplier to place the CCXC. The CCXC shall be provisioned through facilities owned by ACN. Such connections to other collocated telecommunications carriers may be made using either optical or electrical facilities. In cases where ACN's equipment and the equipment of the other collocated telecommunications carrier are located in contiguous caged Collocation Spaces, ACN will have the option of using ACN's own technicians to deploy co-carrier cross connects using either electrical or optical facilities between the sets of equipment and construct its own dedicated cable support structure. ACN shall deploy such optical or electrical connections directly between its own facilities and the facilities of other collocated telecommunications carriers without being routed through BellSouth equipment. ACN shall not provision CCXC on any BellSouth distribution frame, POT (Point of Termination) Bay, DSX (Digital System Cross-connect) or LGX (Light Guide Cross-connect). ACN is responsible for ensuring the integrity of the signal.
- 3.5.2 ACN shall be responsible for providing a letter of authorization ("LOA") to BellSouth from the other collocated telecommunications carrier prior to installing the CCXC. ACN-provisioned CCXC shall utilize common cable support structure. There will be a recurring charge per linear foot, per cable, of common cable support structure used. In the case of two contiguous caged collocation arrangements, ACN will have the option of using ACN's own technicians to construct its own dedicated support structure.

- 3.5.3 To order CCXCs, ACN must submit an Application. If no modification to the Remote Collocation Space is requested other than the placement of CCXCs, the Subsequent Application Fee for CCXCs, as defined in Exhibit B, will apply. If modifications in addition to the placement of CCXCs are requested, the Application Fee will apply. This nonrecurring fee will be billed by BellSouth on the date that BellSouth provides an Application Response.

4. **Occupancy**

- 4.1 **Occupancy.** BellSouth will notify ACN in writing that the Remote Collocation Space is ready for occupancy ("Space Ready Date"). ACN will schedule and complete an acceptance walkthrough of each Remote Collocation Space with BellSouth within fifteen (15) calendar days of BellSouth's notifying ACN that Remote Collocation Space is ready for occupancy ("Space Ready Date"). BellSouth will correct any deviations to ACN's original or jointly amended requirements within seven (7) calendar days after the walkthrough, unless the Parties jointly agree upon a different time frame, and BellSouth shall establish a new Space Ready Date. Another acceptance walkthrough will then be scheduled and conducted within fifteen (15) calendar days of the new Space Ready Date. This follow-up acceptance walkthrough will be limited to those items identified in the initial walkthrough. If ACN has met the fifteen (15) calendar day interval(s), billing will begin upon the date of ACN's acceptance of the Collocation Space ("Space Acceptance Date"). In the event that ACN fails to complete an acceptance walkthrough within this fifteen (15) calendar day interval, the Remote Collocation Space shall be deemed accepted by ACN on the Space Ready Date and billing will commence from that date. If ACN decides to occupy the space prior to the Space Ready Date, the date ACN occupies the space becomes the new Space Acceptance Date and billing begins from that date. ACN must notify BellSouth in writing that collocation equipment installation is complete and is operational with BellSouth's network. BellSouth may, at its option, not accept orders for cross connects until receipt of such notice. For purposes of this paragraph, ACN's telecommunications equipment will be deemed operational when cross-connected to BellSouth's network for the purpose of service provision.

- 4.2 **Termination of Occupancy.** In addition to any other provisions addressing termination of occupancy in this Attachment, ACN may terminate occupancy in a particular Remote Collocation Space by submitting an Application requesting termination of occupancy; such termination shall be effective upon BellSouth's acceptance of the Space Relinquishment Form. Billing for monthly recurring charges will cease on the date <customer short name> and BellSouth conduct an inspection of the terminated space and jointly sign off on the Space Relinquishment Form or on the date that <customer short name> signs off on the Space Relinquishment Form and sends the form to BellSouth if a subsequent inspection of the terminated space by BellSouth reveals no discrepancies. If the subsequent inspection by BellSouth reveals discrepancies, billing will cease on the date that BellSouth and <customer short name> jointly conduct an inspection which confirms that <customer short name> has

corrected the discrepancies. An Application Fee will not apply for termination of occupancy. BellSouth may terminate ACN's right to occupy the Remote Collocation Space in the event ACN fails to comply with any provision of this Agreement.

- 4.2.1 Upon termination of occupancy, ACN at its expense shall remove its equipment and other property from the Remote Collocation Space. ACN shall have thirty (30) calendar days from the Bona Fide Firm Order ("BFFO") Application Date ("Termination Date") to complete such removal, including the removal of all equipment and facilities of ACN's Guest(s), unless ACN's Guest(s) has assumed responsibility for the Remote Collocation Space housing the Guest(s)'s equipment and executed the documentation required by BellSouth prior to such removal date. ACN shall continue payment of monthly fees to BellSouth until such date as ACN, and if applicable ACN's Guest(s), has fully vacated the Remote Collocation Space and the Space Relinquish Form has been accepted by BellSouth. Should ACN or ACN's Guest(s) fail to vacate the Remote Collocation Space within thirty (30) calendar days from the Termination Date, BellSouth shall have the right to remove the equipment and dispose of the equipment and other property of ACN or ACN's Guest(s), in any manner that BellSouth deems fit, at ACN's expense and with no liability whatsoever for ACN's or ACN's Guest(s)'s property. Upon termination of ACN's right to occupy Remote Collocation Space, the Remote Collocation Space will revert back to BellSouth, and ACN shall surrender such Remote Collocation Space to BellSouth in the same condition as when first occupied by the ACN except for ordinary wear and tear unless otherwise agreed to by the Parties. For CEVs and huts ACN's BellSouth Certified Supplier shall be responsible for updating and making any necessary changes to BellSouth's records as required by BellSouth's Specifications including but not limited to Record Drawings and ERMA Records. ACN shall be responsible for the cost of removing any ACN constructed enclosure, together with all support structures (e.g., racking, conduits, or power cables), at the termination of occupancy and restoring the grounds to their original condition.

5. Use of Remote Collocation Space

- 5.1 **Equipment Type.** BellSouth permits the collocation of any type of equipment necessary for interconnection to BellSouth's network or for access to BellSouth's unbundled network elements in the provision of telecommunications services, as the term "necessary" is defined by FCC 47 C.F.R. Section 51.323 (b). The primary purpose and function of any equipment collocated in a Remote Collocation Space must be for interconnection to BellSouth's network or for access to BellSouth's unbundled network elements in the provision of telecommunications services.
- 5.1.1 Examples of equipment that would not be considered necessary include but are not limited to: traditional circuit switching equipment, equipment used exclusively for call-related databases, computer servers used exclusively for providing information services, operations support system (OSS) equipment used to support collocated telecommunications carrier network operations, equipment that generates customer

- orders, manages trouble tickets or inventory, or stores customer records in centralized databases, etc. BellSouth will determine upon receipt of an application if the requested equipment is necessary based on the criteria established by the FCC. Multifunctional equipment placed on BellSouth's Premises must not place any greater relative burden on BellSouth's property than comparable single-function equipment. BellSouth reserves the right to permit collocation of any equipment on a nondiscriminatory basis.
- 5.1.2 Such equipment must, at a minimum, meet the following Telcordia Network Equipment Building Systems (NEBS) General Equipment Requirements: Criteria Level 3 requirements as outlined in the Telcordia Special Report SR-3580, Issue 1. Except where otherwise required by a Commission, BellSouth shall comply with the applicable FCC rules relating to denial of collocation based on ACN's failure to comply with this Section.
- 5.1.2.1 All ACN equipment installation shall comply with BellSouth TR 73503-11h, "Grounding - Engineering Procedures". Metallic cable sheaths and metallic strength members of optical fiber cables as well as the metallic cable sheaths of all copper conductor cables shall be bonded to the designated grounding bus for the Remote Site Location. All copper conductor pairs, working and non-working, shall be equipped with a solid-state protector unit (over-voltage protection only), which has been listed by a nationally recognized testing laboratory.
- 5.1.3 ACN shall identify to BellSouth whenever ACN submits a Method of Procedure ("MOP") adding equipment to ACN's Remote Collocation Space all UCC-1 lien holders or other entities that have a financial interest, secured or otherwise, in the equipment in ACN's Remote Collocation Space. ACN shall submit a copy of the list of any lien holders or other entities that have a financial interest to ACN's ATCC Representative.
- 5.2 ACN shall not use the Remote Collocation Space for marketing purposes nor shall it place any identifying signs or markings in the area surrounding the Remote Collocation Space or on the grounds of the Remote Site Location.
- 5.3 ACN shall place a plaque or other identification affixed to ACN's equipment to identify ACN's equipment, including a list of emergency contacts with telephone numbers.
- 5.4 Entrance Facilities. ACN may elect to place ACN-owned or ACN-leased fiber entrance facilities into the Remote Collocation Space. BellSouth will designate the point of interconnection at the Remote Site Location housing the Remote Collocation Space, which is physically accessible by both Parties. ACN will provide and place copper cable through conduit from the Remote Collocation Space to the Feeder Distribution Interface to the splice location of sufficient length for splicing by

BellSouth. ACN must contact BellSouth for instructions prior to placing the entrance facility cable. ACN is responsible for maintenance of the entrance facilities.

- 5.4.1 Shared Use. ACN may utilize spare capacity on an existing interconnector entrance facility for the purpose of providing an entrance facility to ACN's collocation arrangement within the same BellSouth Remote Site Location. BellSouth shall allow splicing to the entrance facility, provided that the fiber is non-working fiber. ACN must arrange with BellSouth in accordance with BellSouth's Special Construction Procedures, RL93-11-030BT, and provide a LOA from the other telecommunications carrier for BellSouth to splice the ACN provided riser cable to the spare capacity on the entrance facility. If ACN desires to allow another telecommunications carrier to use its entrance facilities, then that telecommunications carrier must arrange with BellSouth in accordance with BellSouth's Special Construction Procedures, RL93-11-030BT, and provide a LOA from ACN for BellSouth to splice that telecommunications carrier's provided riser cable to the spare capacity on ACN's entrance facility.
- 5.5 Demarcation Point. BellSouth will designate the point(s) of demarcation between ACN's equipment and/or network and BellSouth's network. Each Party will be responsible for maintenance and operation of all equipment/facilities on its side of the demarcation point. ACN or its agent must perform all required maintenance to ACN equipment/facilities on its side of the demarcation point, pursuant to Section 5.6, following.
- 5.6 ACN's Equipment and Facilities. ACN, or if required by this Attachment, ACN's BellSouth Certified Supplier, is solely responsible for the design, engineering, installation, testing, provisioning, performance, monitoring, maintenance and repair of the equipment and facilities used by ACN which must be performed in compliance with all applicable BellSouth Specifications. Such equipment and facilities may include but are not limited to cable(s), equipment, and point of termination connections. ACN and its selected BellSouth Certified Supplier must follow and comply with all BellSouth requirements outlined in BellSouth's TR 73503, TR 73519, TR 73572, and TR 73564.
- 5.7 BellSouth's Access to Remote Collocation Space. From time to time BellSouth may require access to the Remote Collocation Space. BellSouth retains the right to access the Remote Collocation Space for the purpose of making BellSouth equipment and Remote Site Location modifications. Except in case of emergency, BellSouth will give notice to ACN at least forty-eight (48) hours before access to the Remote Collocation Space is required. ACN may elect to be present whenever BellSouth performs work in the Collocation Space. The Parties agree that ACN will not bear any of the expense associated with this work.
- 5.8 Access. Pursuant to Section 12, ACN shall have access to the Remote Collocation Space twenty-four (24) hours a day, seven (7) days a week. ACN agrees to provide

the name and social security number or date of birth or driver's license number of each employee, supplier, or agents of ACN or ACN's Guests to be provided with access keys or cards ("Access Keys") prior to the issuance of said Access Keys using form RF-2906-C "CLEC and CLEC Certified Supplier Access Request and Acknowledgement". Key acknowledgement forms, "Collocation Acknowledgement Sheet" for access cards and "Key Acknowledgement Form" for keys, must be signed by ACN and returned to BellSouth Access Management within fifteen (15) calendar days of ACN's receipt. Failure to return properly acknowledged forms will result in the holding of subsequent requests until acknowledgements are current. Access Keys shall not be duplicated under any circumstances. ACN agrees to be responsible for all Access Keys and for the return of all said Access Keys in the possession of ACN's employees, suppliers, Guests, or agents after termination of the employment relationship, contractual obligation with ACN or upon the termination of this Attachment or the termination of occupancy of an individual Remote Collocation Space arrangement.

- 5.8.1 BellSouth will permit one accompanied site visit to ACN's designated collocation arrangement location after receipt of the BFFO without charge to ACN. ACN must submit to BellSouth the completed Access Control Request Form for all employees or agents requiring access to the BellSouth Remote Site Location a minimum of thirty (30) calendar days prior to the date ACN desires access to the Remote Collocation Space. In order to permit reasonable access during construction of the Remote Collocation Space, ACN may submit such a request at any time subsequent to BellSouth's receipt of the BFFO. In the event ACN desires access to the Remote Collocation Space after submitting such a request but prior to access being approved, in addition to the first accompanied free visit, BellSouth shall permit ACN to access the Remote Collocation Space accompanied by a security escort at ACN's expense. ACN must request escorted access at least three (3) business days prior to the date such access is desired.
- 5.9 Lost or Stolen Access Keys. ACN shall notify BellSouth in writing immediately in the case of lost or stolen Access Keys. Should it become necessary for BellSouth to re-key Remote Site Locations or deactivate a card as a result of a lost Access Key(s) or for failure to return an Access Key(s), ACN shall pay for all reasonable costs associated with the re-keying or deactivating the card.
- 5.10 Interference or Impairment. Notwithstanding any other provisions of this Attachment, ACN shall not use any product or service provided under this Agreement, any other service related thereto or used in combination therewith, or place or use any equipment and facilities in any manner that 1) significantly degrades, interferes with or impairs service provided by BellSouth or by any other entity or any person's use of its telecommunications service; 2) endangers or damages the equipment, facilities or other property of BellSouth or of any other entity or person; 3) compromises the privacy of any communications; or 4) creates an unreasonable risk of injury or death to any individual or to the public. If BellSouth reasonably determines that any equipment or

facilities of ACN violates the provisions of this paragraph, BellSouth shall give written notice to ACN, which notice shall direct ACN to cure the violation within forty-eight (48) hours of ACN's actual receipt of written notice or, at a minimum, to commence curative measures within 24 hours and to exercise reasonable diligence to complete such measures as soon as possible thereafter. After receipt of the notice, the Parties agree to consult immediately and, if necessary, to inspect the arrangement.

- 5.10.1 Except in the case of the deployment of an advanced service which significantly degrades the performance of other advanced services or traditional voice band services, if ACN fails to take curative action within forty-eight (48) hours or if the violation is of a character which poses an immediate and substantial threat of damage to property, injury or death to any person, or any other significant degradation, interference or impairment of BellSouth's or any other entity's service, then and only in that event BellSouth may take such action as it deems appropriate to correct the violation, including without limitation the interruption of electrical power to ACN's equipment. BellSouth will endeavor, but is not required, to provide notice to ACN prior to taking such action and shall have no liability to ACN for any damages arising from such action, except to the extent that such action by BellSouth constitutes willful misconduct.
- 5.10.2 For purposes of this section, the term significantly degrade shall mean an action that noticeably impairs a service from a user's perspective. In the case of the deployment of an advanced service which significantly degrades the performance of other advanced services or traditional voice band services and ACN fails to take curative action within forty-eight (48) hours then BellSouth will establish before the Commission that the technology deployment is causing the significant degradation. Any claims of network harm presented to ACN or, if subsequently necessary, the Commission must be supported with specific and verifiable information. Where BellSouth demonstrates that a deployed technology is significantly degrading the performance of other advanced services or traditional voice band services, ACN shall discontinue deployment of that technology and migrate its customers to technologies that will not significantly degrade the performance of other such services. Where the only degraded service itself is a known disturber, and the newly deployed technology satisfies at least one of the criteria for a presumption that is acceptable for deployment under Section 47 C.F.R. 51.230, the degraded service shall not prevail against the newly-deployed technology.
- 5.11 Personalty and its Removal. Facilities and equipment placed by ACN in the Remote Collocation Space shall not become a part of the Remote Site Location, even if nailed, screwed or otherwise fastened to the Remote Collocation Space but shall retain their status as personalty and may be removed by ACN at any time. Any damage caused to the Remote Collocation Space by ACN's employees, agents or representatives shall be promptly repaired by ACN at its expense.

- 5.11.1 If ACN decides to remove equipment from its Remote Collocation Space and the removal requires no physical changes, BellSouth will bill ACN an Administrative Only Application Fee as set forth in Exhibit B for these changes. This nonrecurring fee will be billed on the date that BellSouth provides an Application Response.
- 5.12 Alterations. In no case shall ACN or any person acting on behalf of ACN make any rearrangement, modification, improvement, addition, or other alteration which could affect in any way space, power, HVAC, and/or safety considerations to the Remote Collocation Space or the BellSouth Remote Site Location without the written consent of BellSouth, which consent shall not be unreasonably withheld. The cost of any specialized alterations shall be paid by ACN. Any such material rearrangement, modification, improvement, addition, or other alteration shall require an application and Application Fee. BellSouth will bill the nonrecurring fee on the date that BellSouth provides an Application Response.
- 5.13 Upkeep of Remote Collocation Space. ACN shall be responsible for the general upkeep and cleaning of the Remote Collocation Space. ACN shall be responsible for removing any ACN debris from the Remote Collocation Space and from in and around the Remote Site Location on each visit.
- 6. Ordering and Preparation of Remote Collocation Space**
- 6.1 Should any state or federal regulatory agency impose procedures or intervals applicable to ACN and BellSouth that are different from procedures or intervals set forth in this Section, whether now in effect or that become effective after execution of this Agreement, those procedures or intervals shall supersede the requirements set forth herein for that jurisdiction for all applications submitted for the first time after the effective date thereof
- 6.2 Remote Site Application. When ACN or ACN's Guest(s) desires to install a bay/rack in a Remote Site Location, ACN shall submit to BellSouth a Physical Expanded Interconnection Application Document ("Application"). The application is Bona Fide when it is complete and accurate, meaning that all required fields on the application are completed with the appropriate type of information. An application fee will apply which will be billed on the date that BellSouth provides an Application Response. The placement of an additional bay/rack at a later date will be treated in the same fashion and an application will be required. The installation of additional shelves/equipment, subject to the restrictions contained in Section 5.10, within an existing bay/rack does not require an application.
- 6.3 Availability of Space. Upon submission of an application, BellSouth will permit ACN to physically collocate, pursuant to the terms of this Attachment, at any BellSouth Remote Site Location, unless BellSouth has determined that there is no space available due to space limitations or that collocation at the Remote Site Location is not practical for technical reasons. In the event space is not immediately available at a Remote Site

Location, BellSouth reserves the right to make additional space available, in which case the conditions in Section 7 shall apply, or BellSouth may elect to deny space in accordance with this Section in which case virtual or adjacent collocation options may be available. If the amount of space requested is not available, BellSouth will notify ACN of the amount that is available.

6.4 Space Availability Notification.

- 6.4.1 Unless otherwise specified, BellSouth will respond to an application within ten (10) calendar days as to whether space is available or not available within a BellSouth Remote Site Location. BellSouth will also respond as to whether the application is Bona Fide and if it is not Bona Fide the items necessary to cause the application to become Bona Fide. If the amount of space requested is not available, BellSouth will notify ACN of the amount of space that is available and no Application Fee shall apply. When BellSouth's response includes an amount of space less than that requested by ACN or differently configured no application fee shall apply. If ACN decides to accept the available space, ACN must resubmit its application to reflect the actual space available prior to submitting a BFFO and an application fee will be billed.
- 6.4.2 BellSouth will respond to a Florida application within fifteen (15) calendar days as to whether space is available or not available within a BellSouth Remote Site Location. BellSouth will also respond as to whether the application is Bona Fide and if it is not Bona Fide the items necessary to cause the application to become Bona Fide. If a lesser amount of space than requested is available, BellSouth will provide an Application Response for the amount of space that is available and an Application Fee will be billed by BellSouth on the date that BellSouth provides an Application Response. When BellSouth's Application Response includes an amount of space less than that requested by ACN or differently configured, if ACN decides to accept the available space, ACN must amend its application to reflect the actual space available prior to submitting a BFFO.
- 6.4.3 BellSouth will respond to a Louisiana application within ten (10) calendar days for space availability for one (1) to ten (10) applications; fifteen (15) calendar days for eleven (11) to twenty (20) applications; and for more than twenty (20) applications, the response interval is increased by five (5) calendar days for every five additional applications received within five (5) business days. If the amount of space requested is not available, BellSouth will notify ACN of the amount of space that is available and no Application Fee will apply. When BellSouth's response includes an amount of space less than that requested by ACN or differently configured no application fee shall apply. If ACN decides to accept the available space, ACN must resubmit its application to reflect the actual space available prior to submitting a BFFO and an application fee will be billed. BellSouth will also respond as to whether the application is Bona Fide and if it is not Bona Fide the items necessary to cause the application to become Bona Fide.

- 6.5 Denial of Application. If BellSouth notifies ACN that no space is available (“Denial of Application”), BellSouth will not assess an Application Fee. After notifying ACN that BellSouth has no available space in the requested Remote Site Location, BellSouth will allow ACN, upon request, to tour the Remote Site Location within ten (10) calendar days of such Denial of Application. In order to schedule said tour within ten (10) calendar days, the request for a tour of the Remote Site Location must be received by BellSouth within five (5) calendar days of the Denial of Application.
- 6.6 Filing of Petition for Waiver. Upon Denial of Application BellSouth will timely file a petition with the Commission pursuant to 47 U.S.C. § 251(c)(6). BellSouth shall provide to the Commission any information requested by that Commission. Such information shall include which space, if any, BellSouth or any of BellSouth’s affiliates have reserved for future use and a detailed description of the specific future uses for which the space has been reserved. Subject to an appropriate nondisclosure agreement or provision, BellSouth shall permit ACN to inspect any plans or diagrams that BellSouth provides to the Commission.
- 6.7 Waiting List. On a first-come, first-served basis governed by the date of receipt of an application or Letter of Intent, BellSouth will maintain a waiting list of requesting carriers who have either received a Denial of Application or, where it is publicly known that the Remote Site Location is out of space, have submitted a Letter of Intent to collocate. BellSouth will notify the telecommunications carriers on the waiting list that can be accommodated by the amount of space that becomes available according to the position of the telecommunications carriers on said waiting list.
- 6.7.1 In Florida, on a first-come, first-served basis governed by the date of receipt of an application or Letter of Intent, BellSouth will maintain a waiting list of requesting carriers who have either received a Denial of Application or, where it is publicly known that the Remote Site Location is out of space, have submitted a Letter of Intent to collocate. Sixty (60) calendar days prior to space becoming available, if known, BellSouth will notify the Florida PSC and the telecommunications carriers on the waiting list by mail when space becomes available according to the position of the telecommunications carrier on said waiting list. If not known sixty (60) calendar days in advance, BellSouth shall notify the Florida PSC and the telecommunications carriers on the waiting list within two business days of the determination that space is available. A telecommunications carrier that, upon denial of physical collocation, requests virtual collocation shall be automatically placed on the waiting list.
- 6.7.2 When space becomes available, ACN must submit an updated, complete, and correct application to BellSouth within thirty (30) calendar days of such notification. If ACN has originally requested caged Remote Collocation Space and cageless Remote Collocation Space becomes available, ACN may refuse such space and notify BellSouth in writing within that time that ACN wants to maintain its place on the waiting list without accepting such space. ACN may accept an amount of space less than its original request by submitting an application as set forth above, and upon

request, may maintain its position on the waiting list for the remaining space that was initially requested. If ACN does not submit such an application or notify BellSouth in writing as described above, BellSouth will offer such space to the next telecommunications carrier on the waiting list and remove ACN from the waiting list. Upon request, BellSouth will advise ACN as to its position on the list.

6.8 Public Notification. BellSouth will maintain on its Interconnection Services website a notification document that will indicate all Remote Site Locations that are without available space. BellSouth shall update such document within ten (10) calendar days of the date that BellSouth becomes aware that there is insufficient space to accommodate collocation at the Remote Site Location. BellSouth will also post a document on its Interconnection Services website that contains a general notice where space has become available in a Remote Site Location previously on the space exhaust list.

6.9 Application Response.

6.9.1 In Florida, within fifteen (15) calendar days of receipt of a Bona Fide application, when space has been determined to be available or when a lesser amount of space than that requested is available, then with respect to the space available, BellSouth will provide an Application Response including sufficient information to enable ACN to place a Firm Order. The Application Response will include, at a minimum, the configuration of the space, the Cable Installation Fee, Cable Records Fee, and the space preparation fees, as described in Section 8. When ACN submits ten (10) or more applications within ten (10) calendar days, the initial fifteen (15) calendar day response period will increase by ten (10) calendar days for every additional ten (10) applications or fraction thereof.

6.9.2 In Alabama, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, and Tennessee when space has been determined to be available, BellSouth will provide an Application Response within twenty (20) calendar days of receipt of a Bona Fide application. The Application Response will include, at a minimum, the configuration of the space, the Cable Installation Fee, Cable Records Fee, and the space preparation fees, as described in Section 8.

6.9.3 In Louisiana, when space has been determined to be available, BellSouth will respond with an Application Response within thirty (30) calendar days for one (1) to ten (10) applications; thirty (35) calendar days for eleven (11) to twenty (20) applications; and for requests of more than twenty (20) applications, the Application Response interval will be increased by five (5) calendar days for every five (5) applications received within five (5) business days. The Application Response will include, at a minimum, the configuration of the space, the Cable Installation Fee, Cable Records Fee, and the space preparation fees, as described in Section 8.

6.10 Application Modifications.

- 6.10.1 If a modification or revision is made to any information in the Bona Fide application prior to a BFFO, with the exception of modifications to Customer Information, Contact Information or Billing Contact Information, either at the request of ACN or necessitated by technical considerations, said application shall be considered a new application and shall be handled as a new application with respect to response and provisioning intervals and BellSouth will charge ACN a full application fee as set forth in Exhibit B. BellSouth will bill the nonrecurring fee on the date that BellSouth provides an Application Response.
- 6.10.2 Bona Fide Firm Order.
- 6.10.3 ACN shall indicate its intent to proceed with equipment installation in a BellSouth Remote Site Location by submitting a Firm Order to BellSouth. The BFFO must be received by BellSouth no later than thirty (30) calendar days after BellSouth's Application Response to ACN's Bona Fide application or the application will expire.
- 6.10.4 BellSouth will establish a firm order date based upon the date BellSouth is in receipt of a BFFO. BellSouth will acknowledge the receipt of ACN's BFFO within seven (7) calendar days of receipt indicating that the BFFO has been received. A BellSouth response to a BFFO will include a Firm Order Confirmation containing the firm order date. No revisions will be made to a BFFO.

7. Construction and Provisioning

7.1 Construction and Provisioning Intervals.

- 7.1.1 In Florida, BellSouth will complete construction for collocation arrangements as soon as possible and within a maximum of ninety (90) calendar days from receipt of a BFFO or as agreed to by the Parties. For changes to Remote Collocation Space after initial space completion ("Augmentation"), BellSouth will complete construction for collocation arrangements as soon as possible and within a maximum of forty-five (45) calendar days from receipt of a BFFO or as agreed to by the Parties. If BellSouth does not believe that construction will be completed within the relevant time frame and BellSouth and ACN cannot agree upon a completion date, within forty-five (45) calendar days of receipt of the BFFO for an initial request, and within thirty (30) calendar days for Augmentations, BellSouth may seek an extension from the Florida Commission.
- 7.1.2 In Alabama, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, and Tennessee, BellSouth will complete construction for collocation arrangements under ordinary conditions as soon as possible and within a maximum of sixty (60) calendar days from receipt of a BFFO and ninety (90) calendar days from receipt of a BFFO for extraordinary conditions or as agreed to by the Parties. Ordinary conditions are defined as space available with only minor changes to support systems required, such as but not limited to, HVAC, cabling and the power plant(s). Extraordinary conditions shall include, but not limited to, major BellSouth equipment rearrangement or

- addition; power plant addition or upgrade; major mechanical addition or upgrade; major upgrade for ADA compliance; environmental hazard or hazardous materials abatement; and arrangements for which equipment shipping intervals are extraordinary in length. The Parties may mutually agree to renegotiate an alternative provisioning interval or BellSouth may seek a waiver from this interval from the Commission.
- 7.1.3 In Louisiana, BellSouth will complete construction for collocation arrangements under ordinary conditions as soon as possible and within a maximum of sixty (60) calendar days from receipt of a BFFO for an initial request, and within 60 calendar days for an Augmentation, or as agreed to by the Parties. The Parties may mutually agree to renegotiate an alternative provisioning interval or BellSouth may seek a waiver from this interval from the Commission.
- 7.2 In the event BellSouth does not have space immediately available at a Remote Site Location, BellSouth may elect to make additional space available by, for example but not limited to, rearranging BellSouth facilities or constructing additional capacity. In such cases, the above intervals shall not apply and BellSouth will provision the Remote Collocation Space in a nondiscriminatory manner and at parity with BellSouth and will provide ACN with the estimated completion date in its Response.
- 7.3 Joint Planning. Joint planning between BellSouth and ACN will commence within a maximum of twenty (20) calendar days from BellSouth's receipt of a BFFO. BellSouth will provide the preliminary design of the Remote Collocation Space and the equipment configuration requirements as reflected in the Bona Fide application and affirmed in the BFFO. The Remote Collocation Space completion time period will be provided to ACN during joint planning.
- 7.4 Permits. Each Party or its agents will diligently pursue filing for the permits required for the scope of work to be performed by that Party or its agents within ten (10) calendar days of the completion of finalized construction designs and specifications.
- 7.5 Acceptance Walkthrough. ACN will schedule and complete an acceptance walkthrough of each Remote Collocation Space with BellSouth within fifteen (15) calendar days of BellSouth's notifying ACN that the Remote Collocation Space is ready for occupancy. In the event that ACN fails to complete an acceptance walkthrough within this fifteen (15) calendar day interval, the Remote Collocation Space shall be deemed accepted by ACN on the Space Ready Date. BellSouth will correct any deviations to ACN's original or jointly amended requirements within seven (7) calendar days after the walkthrough, unless the Parties jointly agree upon a different time frame.
- 7.6 Use of BellSouth Certified Supplier. ACN shall select a supplier which has been approved by BellSouth to perform all engineering and installation work ACN and ACN's BellSouth Certified Supplier must follow and comply with all BellSouth requirements outlined in BellSouth's TR 73503, TR 73519, TR 73572, and TR 73564.

In some cases, ACN must select separate BellSouth Certified Suppliers for transmission equipment, switching equipment and power equipment. BellSouth shall provide ACN with a list of BellSouth Certified Suppliers upon request. The BellSouth Certified Supplier(s) shall be responsible for installing ACN's equipment and components, extending power cabling to the BellSouth power distribution frame, performing operational tests after installation is complete, and notifying BellSouth's Outside Plant engineers and ACN upon successful completion of installation. The BellSouth Certified Supplier shall bill ACN directly for all work performed for ACN pursuant to this Attachment, and BellSouth shall have no liability for nor responsibility to pay such charges imposed by the BellSouth Certified Supplier. BellSouth shall make available its supplier certification program to ACN or any supplier proposed by ACN and will not unreasonably withhold certification. All work performed by or for ACN shall conform to generally accepted industry standards.

- 7.7 Alarm and Monitoring. BellSouth may place alarms in the Remote Site Location for the protection of BellSouth equipment and facilities. ACN shall be responsible for placement, monitoring and removal of environmental and equipment alarms used to service ACN's Remote Collocation Space. Upon request, BellSouth will provide ACN with applicable tariffed service(s) to facilitate remote monitoring of collocated equipment by ACN. Both Parties shall use best efforts to notify the other of any verified hazardous conditions known to that Party.
- 7.8 Virtual Remote Collocation Space Relocation. In the event physical Remote Collocation Space was previously denied at a Remote Site Location due to technical reasons or space limitations, and physical Remote Collocation Space has subsequently become available, ACN may relocate its virtual Remote Collocation arrangements to physical Remote Collocation Space arrangements and pay the appropriate fees for physical Remote Collocation Space and for the rearrangement or reconfiguration of services terminated in the virtual Remote Collocation Space arrangement, as outlined in the appropriate BellSouth tariffs. In the event that BellSouth knows when additional space for physical Remote Collocation Space may become available at the location requested by ACN, such information will be provided to ACN in BellSouth's written denial of physical Remote Collocation Space. To the extent that (i) physical Remote Collocation Space becomes available to ACN within one hundred eighty (180) calendar days of BellSouth's written denial of ACN's request for physical collocation, (ii) BellSouth had knowledge that the space was going to become available, and (iii) ACN was not informed in the written denial that physical Remote Collocation Space would become available within such one hundred eighty (180) calendar days, then ACN may relocate its virtual Remote Collocation Space arrangement to a physical Remote Collocation Space arrangement and will receive a credit for any nonrecurring charges previously paid for such virtual Remote Collocation Space. ACN must arrange with a BellSouth Certified Supplier for the relocation of equipment from its virtual Remote Collocation Space to its physical Remote Collocation Space and will bear the cost of such relocation.

- 7.8.1 In Alabama, BellSouth will complete a relocation from virtual collocation to physical collocation within ninety (90) calendar days.
- 7.9 Virtual to Physical Conversion (In-Place). Virtual collocation arrangements may be converted to “in-place” physical arrangements if the potential conversion meets the following four criteria: 1) there is no change in the amount of equipment or the configuration of the equipment that was in the virtual collocation arrangement; 2) the conversion of the virtual collocation arrangement will not cause the equipment or the results of that conversion to be located in a space that BellSouth has reserved for its own future needs; 3) the converted arrangement does not limit BellSouth’s ability to secure its own equipment and facilities due to the location of the virtual collocation arrangement; and 4) any changes to the arrangement can be accommodated by existing power, HVAC, and other requirements. Unless otherwise specified, BellSouth will complete virtual to in-place physical collocation conversions within sixty (60) calendar days from receipt of the BFFO. BellSouth will bill ACN an Administrative Only Application Fee as set forth in Exhibit B for these charges on the date that BellSouth provides an Application Response.
- 7.9.1 In Alabama and Tennessee, BellSouth will complete Virtual to Physical Conversions (In Place) within thirty (30) calendar days from receipt of the BFFO.
- 7.10 Cancellation. If, at any time prior to space acceptance, ACN cancels its order for the Remote Collocation Space(s) (“Cancellation”), BellSouth will bill the applicable nonrecurring rate for any and all work processes for which work has begun. In Georgia, if ACN cancels its order for Remote Collocation Space at any time prior to space acceptance, BellSouth will bill ACN for all costs incurred prior to the date of Cancellation and for any costs incurred as a direct result of the Cancellation, not to exceed the total amount that would have been due had the order not been cancelled.
- 7.11 Licenses. ACN, at its own expense, will be solely responsible for obtaining from governmental authorities, and any other appropriate agency, entity, or person, all rights, privileges, and licenses necessary or required to operate as a provider of telecommunications services to the public or to build-out, equip and occupy the Remote Collocation Space.
- 7.12 Environmental Hazard Guidelines. The Parties agree to utilize and adhere to the Environmental Hazard Guidelines identified in Exhibit A attached hereto.
- 8. Rates and Charges**
- 8.1 Recurring Charges. If ACN has met the applicable fifteen (15) calendar day walkthrough interval(s) specified in Section 4, billing for recurring charges will begin upon the Space Acceptance Date. In the event that ACN fails to complete an acceptance walkthrough within the applicable fifteen (15) calendar day interval(s), billing for recurring charges will commence on the Space Ready Date. If ACN

occupies the space prior to the Space Ready Date, the date ACN occupies the space becomes the new Space Acceptance Date and billing for recurring charges begin on that date.

- 8.2 Application Fee. BellSouth shall assess an Application Fee via a service order, which shall be issued at the time BellSouth responds that space is available pursuant to Section 6.10 (Application Response). This nonrecurring fee will be billed by BellSouth on the date that BellSouth provides an Application Response.
- 8.2.1 In Tennessee, the applicable application fee is the planning fee for both Initial Applications and Subsequent Applications placed by ACN. This nonrecurring fee will be billed by BellSouth on the date that BellSouth provides an Application Response.
- 8.3 Rack/Bay Space. The rack/bay space charge includes reasonable charges for air conditioning, ventilation and other allocated expenses associated with maintenance of the Remote Site Location, and includes amperage necessary to power ACN's equipment. ACN shall pay rack/bay space charges based upon the number of racks/bays requested. BellSouth will assign Remote Collocation Space in conventional remote site rack/bay lineups where feasible.
- 8.4 Power. BellSouth shall make available -48 Volt (-48V) DC power for ACN's Remote Collocation Space at a BellSouth Power Board or BellSouth Battery Distribution Fuse Bay (BDFB) at ACN's option within the Remote Site Location. The charge for power shall be assessed as part of the recurring charge for rack/bay space. If the power requirements for ACN's equipment exceeds the capacity available, then such power requirements shall be assessed on an individual case basis. BellSouth will revise recurring power charges to reflect a power upgrade upon notification of the completion of the upgrade by ACN's BellSouth Certified Vendor. BellSouth will revise recurring power charges to reflect a power reduction upon BellSouth's receipt of the Power Reduction Form from ACN certifying the completion of the power reduction, including the removal of the power cabling by ACN's BellSouth Certified Supplier.
- 8.4.1 Adjacent Collocation Power. Charges for AC power will be assessed per breaker ampere per month. Rates include the provision of commercial and standby AC power, where available. When obtaining power from a BellSouth service panel, protection devices and power cables must be engineered (sized), and installed by ACN's BellSouth Certified Supplier except that BellSouth shall engineer and install protection devices and power cables for Adjacent Collocation. ACN's BellSouth Certified Supplier must also provide a copy of the engineering power specification prior to the equipment becoming operational. Charges for AC power shall be assessed pursuant to the rates specified in Exhibit B. AC power voltage and phase ratings shall be determined on a per location basis. At ACN's option, ACN may arrange for AC power in an Adjacent Collocation arrangement from a retail provider of electrical power.

8.5 Security Escort. A security escort will be required whenever ACN or its approved agent desires access to the Remote Site Location after the one accompanied site visit allowed pursuant to Section 5 prior to completing BellSouth's Security Training requirements. Rates for a security escort are assessed according to the schedule appended hereto as Exhibit B beginning with the scheduled escort time. BellSouth will wait for one-half (1/2) hour after the scheduled time for such an escort and ACN shall pay for such half-hour charges in the event ACN fails to show up.

8.6 Other. If no rate is identified in the contract, the rate for the specific service or function will be negotiated by the Parties upon request by either Party.

9. Insurance

9.1 ACN shall, at its sole cost and expense, procure, maintain, and keep in force insurance as specified in this Section and underwritten by insurance companies licensed to do business in the states applicable under this Agreement and having a Best's Insurance Rating of A-.

9.2 ACN shall maintain the following specific coverage:

9.2.1 Commercial General Liability coverage in the amount of ten million dollars (\$10,000,000.00) or a combination of Commercial General Liability and Excess/Umbrella coverage totaling not less than ten million dollars (\$10,000,000.00). BellSouth shall be named as an Additional Insured on the Commercial General Liability policy as specified herein.

9.2.2 Statutory Workers Compensation coverage and Employers Liability coverage in the amount of one hundred thousand dollars (\$100,000.00) each accident, one hundred thousand dollars (\$100,000.00) each employee by disease, and five hundred thousand dollars (\$500,000.00) policy limit by disease.

9.2.3 All Risk Property coverage on a full replacement cost basis insuring all of ACN's real and personal property situated on or within BellSouth's Remote Site Location.

9.2.4 ACN may elect to purchase business interruption and contingent business interruption insurance, having been advised that BellSouth assumes no liability for loss of profit or revenues should an interruption of service occur.

9.3 The limits set forth in Section 9.2 above may be increased by BellSouth from time to time during the term of this Agreement upon thirty (30) calendar days notice to ACN to at least such minimum limits as shall then be customary with respect to comparable occupancy of BellSouth structures.

- 9.4 All policies purchased by ACN shall be deemed to be primary and not contributing to or in excess of any similar coverage purchased by BellSouth. All insurance must be in effect on or before the date equipment is delivered to BellSouth's Remote Site Location and shall remain in effect for the term of this Attachment or until all of ACN's property has been removed from BellSouth's Remote Site Location, whichever period is longer. If ACN fails to maintain required coverage, BellSouth may pay the premiums thereon and seek reimbursement of same from ACN.
- 9.5 ACN shall submit certificates of insurance reflecting the coverage required pursuant to this Section a minimum of ten (10) business days prior to the commencement of any work in the Remote Collocation Space. Failure to meet this interval may result in construction and equipment installation delays. ACN shall arrange for BellSouth to receive thirty (30) business days' advance notice of cancellation from ACN's insurance company. ACN shall forward a certificate of insurance and notice of cancellation/non-renewal to BellSouth at the following address:
- BellSouth Telecommunications, Inc.
Attn.: Risk Management Coordinator
17H53 BellSouth Center
675 W. Peachtree Street
Atlanta, Georgia 30375
- 9.6 ACN must conform to recommendations made by BellSouth's fire insurance company to the extent BellSouth has agreed to, or shall hereafter agree to, such recommendations.
- 9.7 Self-Insurance. If ACN's net worth exceeds five hundred million dollars (\$500,000,000), ACN may elect to request self-insurance status in lieu of obtaining any of the insurance required in Sections 9.2.1 and 9.2.2. ACN shall provide audited financial statements to BellSouth thirty (30) calendar days prior to the commencement of any work in the Remote Collocation Space. BellSouth shall then review such audited financial statements and respond in writing to ACN in the event that self-insurance status is not granted to ACN. If BellSouth approves ACN for self-insurance, ACN shall annually furnish to BellSouth, and keep current, evidence of such net worth that is attested to by one of ACN's corporate officers. The ability to self-insure shall continue so long as ACN meets all of the requirements of this Section. If ACN subsequently no longer satisfies this Section, ACN is required to purchase insurance as indicated by Sections 9.2.1 and Section 9.2.2.
- 9.8 The net worth requirements set forth in Section 9.7 may be increased by BellSouth from time to time during the term of this Attachment upon thirty (30) calendar days' notice to ACN to at least such minimum limits as shall then be customary with respect to comparable occupancy of BellSouth structures.

- 9.9 Failure to comply with the provisions of this Section will be deemed a material breach of this Attachment.

10. Mechanics Liens

- 10.1 If any mechanics lien or other liens shall be filed against property of either Party (BellSouth or ACN), or any improvement thereon by reason of or arising out of any labor or materials furnished or alleged to have been furnished or to be furnished to or for the other Party or by reason of any changes, or additions to said property made at the request or under the direction of the other Party, the other Party directing or requesting those changes shall, within thirty (30) business days after receipt of written notice from the Party against whose property said lien has been filed, either pay such lien or cause the same to be bonded off the affected property in the manner provided by law. The Party causing said lien to be placed against the property of the other shall also defend, at its sole cost and expense, on behalf of the other, any action, suit or proceeding which may be brought for the enforcement of such liens and shall pay any damage and discharge any judgment entered thereon.

11. Inspections

- 11.1 BellSouth may conduct an inspection of ACN's equipment and facilities in the Remote Collocation Space(s) prior to the activation of facilities between ACN's equipment and equipment of BellSouth. BellSouth may conduct an inspection if ACN adds equipment and may otherwise conduct routine inspections at reasonable intervals mutually agreed upon by the Parties. BellSouth shall provide ACN with a minimum of forty-eight (48) hours or two (2) business days, whichever is greater, advance notice of all such inspections. All costs of such inspection shall be borne by BellSouth.

12. Security and Safety Requirements

- 12.1 Unless otherwise specified, ACN will be required, at its own expense, to conduct a statewide investigation of criminal history records for each ACN employee hired in the past five years being considered for work on the BellSouth Remote Site Location, for the states/counties where the ACN employee has worked and lived for the past five years. Where state law does not permit statewide collection or reporting, an investigation of the applicable counties is acceptable. ACN shall not be required to perform this investigation if an affiliated company of ACN has performed an investigation of the ACN employee seeking access, if such investigation meets the criteria set forth above. This requirement will not apply if ACN has performed a pre-employment statewide investigation of criminal history records of the ACN employee for the states/counties where the ACN employee has worked and lived for the past five years or, where state law does not permit a statewide investigation, an investigation of the applicable counties.

- 12.2 ACN will be required to administer to their personnel assigned to the BellSouth Premises security training either provided by BellSouth, or meeting criteria defined by BellSouth.
- 12.3 ACN shall provide its employees and agents with picture identification, which must be worn, and visible at all times while in the Remote Collocation Space or other areas in or around the Remote Site Location. The photo Identification card shall bear, at a minimum, the employee's name and photo, and ACN's name. BellSouth reserves the right to remove from its Remote Site Location any employee of ACN not possessing identification issued by ACN or who have violated any of BellSouth's policies as outlined in the CLEC Security Training documents. ACN shall hold BellSouth harmless for any damages resulting from such removal of its personnel from BellSouth Remote Site Location. ACN shall be solely responsible for ensuring that any Guest(s) of ACN is in compliance with all subsections of this Section.
- 12.4 ACN shall not assign to the BellSouth Remote Site Location any personnel with records of felony criminal convictions. ACN shall not assign to the BellSouth Remote Site Location any personnel with records of misdemeanor convictions, except for misdemeanor traffic violations, without advising BellSouth of the nature and gravity of the offense(s). BellSouth reserves the right to refuse access to any ACN personnel who have been identified to have misdemeanor criminal convictions. Notwithstanding the foregoing, in the event that ACN chooses not to advise BellSouth of the nature and gravity of any misdemeanor conviction, ACN may, in the alternative, certify to BellSouth that it shall not assign to the BellSouth Remote Site Location any personnel with records of misdemeanor convictions (other than misdemeanor traffic violations).
- 12.4.1 ACN shall not knowingly assign to the BellSouth Remote Site Location any individual who was a former employee of BellSouth and whose employment with BellSouth was terminated for a criminal offense whether or not BellSouth sought prosecution of the individual for the criminal offense.
- 12.4.2 ACN shall not knowingly assign to the BellSouth Remote Site Location any individual who was a former supplier of BellSouth and whose access to a BellSouth Remote Site Location was revoked due to commission of a criminal offense whether or not BellSouth sought prosecution of the individual for the criminal offense.
- 12.5 For each ACN employee or agent hired by ACN within five years of being considered for work on the BellSouth Remote Site Location, who requires access to a BellSouth Remote Site Location pursuant to this Attachment, ACN shall furnish BellSouth, prior to an employee gaining such access, a certification that the aforementioned background check and security training were completed. The certification will contain a statement that no felony convictions were found and certifying that the security training was completed by the employee. If the employee's criminal history includes misdemeanor convictions, ACN will disclose the nature of the convictions to BellSouth at that time. In the alternative, ACN may certify to BellSouth that it shall

- not assign to the BellSouth Remote Site Location any personnel with records of misdemeanor convictions other than misdemeanor traffic violations.
- 12.5.1 For all other ACN employees requiring access to a BellSouth Remote Site Location pursuant to this Attachment, ACN shall furnish BellSouth, prior to an employee gaining such access, a certification that the employee is not subject to the requirements of Section 12.5 above and that security training was completed by the employee.
- 12.6 At BellSouth's request, ACN shall promptly remove from BellSouth's Remote Site Location any employee of ACN BellSouth does not wish to grant access to its Remote Site Location 1) pursuant to any investigation conducted by BellSouth or 2) prior to the initiation of an investigation if an employee of ACN is found interfering with the property or personnel of BellSouth or another collocated telecommunications carrier, provided that an investigation shall promptly be commenced by BellSouth.
- 12.7 Security Violations. BellSouth reserves the right to interview ACN's employees, agents, or suppliers in the event of wrongdoing in or around BellSouth's property or involving BellSouth's or another collocated telecommunications carrier's property or personnel, provided that BellSouth shall provide reasonable notice to ACN's Security representative of such interview. ACN and its suppliers shall reasonably cooperate with BellSouth's investigation into allegations of wrongdoing or criminal conduct committed by, witnessed by, or involving ACN's employees, agents, or suppliers. Additionally, BellSouth reserves the right to bill ACN for all reasonable costs associated with investigations involving its employees, agents, or suppliers if it is established and mutually agreed in good faith that ACN's employees, agents, or suppliers are responsible for the alleged act. BellSouth shall bill ACN for BellSouth property, which is stolen or damaged where an investigation determines the culpability of ACN's employees, agents, or suppliers and where ACN agrees, in good faith, with the results of such investigation. ACN shall notify BellSouth in writing immediately in the event that the ACN discovers one of its employees already working on the BellSouth Remote Site Location is a possible security risk. Upon request of the other Party, the Party who is the employer shall discipline consistent with its employment practices, up to and including removal from BellSouth's Remote Site Location, any employee found to have violated the security and safety requirements of this section. ACN shall hold BellSouth harmless for any damages resulting from such removal of its personnel from BellSouth's Remote Site Location.
- 12.8 Use of Supplies. Unauthorized use of telecommunications equipment or supplies by either Party, whether or not used routinely to provide telephone service (e.g. plug-in cards,) will be strictly prohibited and handled appropriately. Costs associated with such unauthorized use may be charged to the offending Party, as may be all associated investigative costs.
- 12.9 Use of Official Lines. Except for non-toll calls necessary in the performance of their work, neither Party shall use the telephones of the other Party on the BellSouth

Remote Site Location. Charges for unauthorized telephone calls may be charged to the offending Party, as may be all associated investigative costs.

- 12.10 Accountability. Full compliance with the Security requirements of this Section shall in no way limit the accountability of either Party to the other for the improper actions of its employees.

13. Destruction of Remote Collocation Space

- 13.1 In the event a Remote Collocation Space is wholly or partially damaged by fire, windstorm, tornado, flood or by similar causes to such an extent as to be rendered wholly unsuitable for ACN's permitted use hereunder, then either Party may elect within ten (10) calendar days after such damage, to terminate this Attachment with respect to the affected Remote Collocation Space, and if either Party shall so elect, by giving the other written notice of termination, both Parties shall stand released of and from further liability under the terms hereof with respect to such Remote Collocation Space. If the Remote Collocation Space shall suffer only minor damage and shall not be rendered wholly unsuitable for ACN's permitted use, or is damaged and the option to terminate is not exercised by either Party, BellSouth covenants and agrees to proceed promptly without expense to ACN, except for improvements not to the property of BellSouth, to repair the damage. BellSouth shall have a reasonable time within which to rebuild or make any repairs, and such rebuilding and repairing shall be subject to delays caused by storms, shortages of labor and materials, government regulations, strikes, walkouts, and causes beyond the control of BellSouth, which causes shall not be construed as limiting factors, but as exemplary only. ACN may, at its own expense, accelerate the rebuild of its Remote Collocation Space and equipment provided however that a BellSouth Certified Supplier is used and the necessary space preparation has been completed. Rebuild of equipment must be performed by a BellSouth Certified Vendor. If ACN's acceleration of the project increases the cost of the project, then those additional charges will be incurred by ACN. Where allowed and where practical, ACN may erect a temporary facility while BellSouth rebuilds or makes repairs. In all cases where the Remote Collocation Space shall be rebuilt or repaired, ACN shall be entitled to an equitable abatement of rent and other charges, depending upon the unsuitability of the Remote Collocation Space for ACN's permitted use, until such Remote Collocation Space is fully repaired and restored and ACN's equipment installed therein (but in no event later than thirty (30) calendar days after the Remote Collocation Space is fully repaired and restored). Where ACN has placed a Remote Site Adjacent Arrangement pursuant to Section 3.4, ACN shall have the sole responsibility to repair or replace said Remote Site Adjacent Arrangement provided herein. Pursuant to this Section, BellSouth will restore the associated services to the Remote Site Adjacent Arrangement.

14. Eminent Domain

- 14.1 If the whole of a Remote Collocation Space or Remote Site Adjacent Arrangement shall be taken by any public authority under the power of eminent domain, then this Attachment shall terminate with respect to such Remote Collocation Space or Remote Site Adjacent Arrangement as of the day possession shall be taken by such public authority and rent and other charges for the Remote Collocation Space or Remote Site Adjacent Arrangement shall be paid up to that day with proportionate refund by BellSouth of such rent and charges as may have been paid in advance for a period subsequent to the date of the taking. If any part of the Remote Collocation Space or Remote Site Adjacent Arrangement shall be taken under eminent domain, BellSouth and ACN shall each have the right to terminate this Attachment with respect to such Remote Collocation Space or Remote Site Adjacent Arrangement and declare the same null and void, by written notice of such intention to the other Party within ten (10) calendar days after such taking.

15. Nonexclusivity

- 15.1 ACN understands that this Attachment is not exclusive and that BellSouth may enter into similar agreements with other Parties. Assignment of space pursuant to all such agreements shall be determined by space availability and made on a first come, first served basis.

ENVIRONMENTAL AND SAFETY PRINCIPLES

The following principles provide basic guidance on environmental and safety issues when applying for and establishing Physical Collocation arrangements.

1. GENERAL PRINCIPLES

- 1.1 Compliance with Applicable Law. BellSouth and ACN agree to comply with applicable federal, state, and local environmental and safety laws and regulations including U.S. Environmental Protection Agency (USEPA) regulations issued under the Clean Air Act (CAA), Clean Water Act (CWA), Resource Conservation and Recovery Act (RCRA), Comprehensive Environmental Response, Compensation and Liability Act (CERCLA), Superfund Amendments and Reauthorization Act (SARA), the Toxic Substances Control Act (TSCA), and OSHA regulations issued under the Occupational Safety and Health Act of 1970, as amended and NFPA and National Electrical Codes (NEC) and the NESC ("Applicable Laws"). Each Party shall notify the other if compliance inspections are conducted by regulatory agencies and/or citations are issued that relate to any aspect of this Attachment.
- 1.2 Notice. BellSouth and ACN shall provide notice to the other, including Material Safety Data Sheets (MSDSs), of known and recognized physical hazards or Hazardous Chemicals existing on site or brought on site. A Hazardous Chemical inventory list is posted on an OSHA Poster and updated annually at each Central Office. This Poster is normally located near the front entrance of the building or in the lounge area. Each Party is required to provide specific notice for known potential Imminent Danger conditions. ACN should contact 1-800-743-6737 for any BellSouth MSDS required.
- 1.3 Practices/Procedures. BellSouth may make available additional environmental control procedures for ACN to follow when working at a BellSouth Remote Site Location (See Section 2, below). These practices/procedures will represent the regular work practices required to be followed by the employees and suppliers of BellSouth for environmental protection. ACN will require its suppliers, agents and others accessing the BellSouth Remote Site Location to comply with these practices. Section 2 lists the Environmental categories where BST practices should be followed by ACN when operating in the BellSouth Remote Site Location.
- 1.4 Environmental and Safety Inspections. BellSouth reserves the right to inspect the ACN space with proper notification. BellSouth reserves the right to stop any ACN work operation that imposes Imminent Danger to the environment, employees or other persons in the area or Remote Site Location.
- 1.5 Hazardous Materials Brought On Site. Any hazardous materials brought into, used, stored or abandoned at the BellSouth Remote Site Location by ACN are owned by ACN. ACN will indemnify BellSouth for claims, lawsuits or damages to persons or property caused by these materials. Without prior written BellSouth approval, no substantial new safety or environmental hazards can be created by ACN or different hazardous materials used by ACN at the BellSouth Remote Site Location. ACN must demonstrate adequate emergency response capabilities for its materials used or remaining at the BellSouth Remote Site Location.

- 1.6 Spills and Releases. When contamination is discovered at a BellSouth Remote Site Location, either Party discovering the condition must notify the other Party. All Spills or Releases of regulated materials will immediately be reported by ACN to BellSouth.
- 1.7 Coordinated Environmental Plans and Permits. BellSouth and ACN will coordinate plans, permits or information required to be submitted to government agencies, such as emergency response plans, spill prevention control and countermeasures (SPCC) plans and community reporting. If fees are associated with filing, BellSouth and ACN will develop a cost sharing procedure. If BellSouth's permit or EPA identification number must be used, ACN must comply with all of BellSouth's permit conditions and environmental processes, including environmental "best management practices (BMP)" (see Section 2, below) and/or selection of BST disposition vendors and disposal sites.
- 1.8 Environmental and Safety Indemnification. BellSouth and ACN shall indemnify, defend and hold harmless the other Party from and against any claims (including, without limitation, third-party claims for personal injury or death or real or personal property damage), judgments, damages, (including direct and indirect damages, and punitive damages), penalties, fines, forfeitures, costs, liabilities, interest and losses arising in connection with the violation or alleged violation of any Applicable Law or contractual obligation or the presence or alleged presence of contamination arising out of the acts or omissions of the indemnifying Party, its agents, suppliers, or employees concerning its operations at the Remote Site Location.

2. CATEGORIES FOR CONSIDERATION OF ENVIRONMENTAL ISSUES

- 2.1 When performing functions that fall under the following Environmental categories on BellSouth's Remote Site Location, ACN agrees to comply with the applicable sections of the current issue of BellSouth's Environmental and Safety Methods and Procedures (M&Ps), incorporated herein by this reference. ACN further agrees to cooperate with BellSouth to ensure that ACN's employees, agents, and/or suppliers are knowledgeable of and satisfy those provisions of BellSouth's Environmental M&Ps which apply to the specific Environmental function being performed by ACN, its employees, agents and/or suppliers.
- 2.1.1 The most current version of reference documentation must be requested from ACN's BellSouth Account Team Collocation Coordinator (ATCC) Representative.

ENVIRONMENTAL CATEGORIES	ENVIRONMENTAL ISSUES	ADDRESSED BY THE FOLLOWING DOCUMENTATION
Disposal of hazardous material or other regulated material (e.g., batteries, fluorescent tubes, solvents & cleaning materials)	Compliance with all applicable local, state, & federal laws and regulations Pollution liability insurance EVET approval of supplier	- Std T&C 450 - Fact Sheet Series 17000 - Std T&C 660-3 - Approved Environmental Vendor List (Contact ATCC

		Representative)
Emergency response	Hazmat/waste release/spill fire safety emergency	• Fact Sheet Series 1700 • Building Emergency Operations Plan (EOP) (specific to and located on Remote Site Location)
Contract labor/outsourcing for services with environmental implications to be performed on BellSouth Remote Site Location (e.g., disposition of hazardous material/waste; maintenance of storage tanks)	Compliance with all applicable local, state, & federal laws and regulations Performance of services in accordance with BST's environmental M&Ps Insurance	• Std T&C 450 • Std T&C 450-B • (Contact ATCC Representative for copy of appropriate E/S M&Ps.) • Std T&C 660
Transportation of hazardous material	Compliance with all applicable local, state, & federal laws and regulations Pollution liability insurance EVET approval of supplier	• Std T&C 450 • Fact Sheet Series 17000 • Std T&C 660-3 • Approved Environmental Vendor List (Contact ATCC Representative)
Maintenance/operations work which may produce a waste Other maintenance work	Compliance with all applicable local, state, & federal laws and regulations Protection of BST employees and equipment	• Std T&C 450 • 29CFR 1910.147 (OSHA Standard) • 29CFR 1910 Subpart O (OSHA Standard)
Janitorial services	All waste removal and disposal must conform to all applicable federal, state and local regulations All Hazardous Material and Waste Asbestos notification and protection of employees and equipment	• –Procurement Manager (CRES Related Matters)-BST Supply Chain Services • Fact Sheet Series 17000 • GU-BTEN-001BT, Chapter 3 • BSP 010-170-001BS (Hazcom)

Manhole cleaning	Compliance with all applicable local, state, & federal laws and regulations Pollution liability insurance EVET approval of supplier	• Std T&C 450 • Fact Sheet 14050 • BSP 620-145-011PR Issue A, August 1996 • Std T&C 660-3 • Approved Environmental Vendor List (Contact ATCC Representative)
Removing or disturbing building materials that may contain asbestos	Asbestos work practices	• GU-BTEN-001BT, Chapter 3 For questions regarding removing or disturbing materials that contain asbestos, call the BellSouth Building Service Center: AL, MS, TN, KY & LA (local area code) 557-6194 FL, GA, NC & SC (local area code) 780-2740

3. DEFINITIONS

Generator. Under RCRA, the person whose act produces a Hazardous Waste, as defined in 40 CFR 261, or whose act first causes a Hazardous Waste to become subject to regulation. The Generator is legally responsible for the proper management and disposal of Hazardous Wastes in accordance with regulations.

Hazardous Chemical. As defined in the U.S. Occupational Safety and Health (OSHA) hazard communication standard (29 CFR 1910.1200), any chemical which is a health hazard or physical hazard.

Hazardous Waste. As defined in section 1004 of RCRA.

Imminent Danger. Any conditions or practices at a remote site location which are such that a danger exists which could reasonably be expected to cause immediate death or serious harm to people or immediate significant damage to the environment or natural resources.

Spill or Release. As defined in Section 101 of CERCLA.

4. ACRONYMS

ATCC – Account Team Collocation Coordinator

BST – BellSouth Telecommunications

CRES – Corporate Real Estate and Services (formerly PS&M)

DEC/LDEC - Department Environmental Coordinator/Local Department Environmental Coordinator

E/S – Environmental/Safety

EVET - Environmental Vendor Evaluation Team

GU-BTEN-001BT - BellSouth Environmental Methods and Procedures

NESC - National Electrical Safety Codes

P&SM - Property & Services Management

Std T&C - Standard Terms & Conditions

COLLOCATION - Alabama											Attachment: 5		Exhibit: C				
CATEGORY	RATE ELEMENTS		Interim	Zone	BCS	USOC	RATES (\$)				Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l	
							Rec	Nonrecurring		Nonrecurring Disconnect		OSS Rates (\$)					
								First	Add'l	First	Add'l	SOME C	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN
PHYSICAL COLLOCATION																	
		Physical Collocation 2-Wire Cross Connect, Exchange Port 2-Wire Analog - Res			UEPSR	PE1R2	0.03	12.30	11.80	6.03	5.44						
		Physical Collocation 2-Wire Cross Connect, Exchange Port 2-Wire Line Side PBX Trunk - Bus			UEPSP	PE1R2	0.03	12.30	11.80	6.03	5.44						
		Physical Collocation 2-Wire Cross Connect, Exchange Port 2-Wire Voice Grade PBX Trunk - Res			UEPSE	PE1R2	0.03	12.30	11.80	6.03	5.44						
		Physical Collocation 2-Wire Cross Connect, Exchange Port 2-Wire Analog - Bus			UEPSB	PE1R2	0.03	12.30	11.80	6.03	5.44						
		Physical Collocation 2-Wire Cross Connect, Exchange Port 2-Wire ISDN			UEPSX	PE1R2	0.03	12.30	11.80	6.03	5.44						
		Physical Collocation 2-Wire Cross Connect, Exchange Port 2-Wire ISDN			UEPTX	PE1R2	0.03	12.30	11.80	6.03	5.44						
		Physical Collocation 4-Wire Cross Connect, Exchange Port 4-Wire ISDN DS1			UEPEX	PE1R4	0.05	12.39	11.87	6.39	5.73						
PHYSICAL COLLOCATION																	
		Physical Collocation - Initial Application Fee			CLO	PE1BA		1,879.48		0.51							
		Physical Collocation - Subsequent Application Fee			CLO	PE1CA		1,566.60									
		Physical Collocation Administrative Only - Application Fee			CLO	PE1BL		742.15									
		Physical Collocation - Space Preparation - Firm Order Processing			CLO	PE1SJ		600.71									
		Physical Collocation - Space Preparation - C.O. Modification per square ft.			CLO	PE1SK	1.96										
		Physical Collocation - Space Preparation, Common Systems Modifications-Cageless, per square foot			CLO	PE1SL	2.62										
		Physical Collocation - Space Preparation - Common Systems Modifications-Caged, per cage			CLO	PE1SM	88.86										
		Physical Collocation - Cable Installation, Pricing, non-recurring charge, per Entrance Cable			CLO	PE1BD		859.71		22.49							
		Physical Collocation - Floor Space, per sq feet			CLO	PE1PJ	3.22										
		Physical Collocation - Cable Support Structure, per Entrance Cable			CLO	PE1PM	17.11										
		Physical Collocation - Power, -48V DC Power - per Fused Amp			CLO	PE1PL	7.83										
		Physical Collocation - Power Reduction Only, Application Fee	I		CLO	PE1PR		398.76									
		Physical Collocation - Power, 120V AC Power, Single Phase, per Breaker Amp			CLO	PE1FB	4.91										
		Physical Collocation - Power, 240V AC Power, Single Phase, per Breaker Amp			CLO	PE1FD	9.84										
		Physical Collocation - Power, 120V AC Power, Three Phase, per Breaker Amp			CLO	PE1FE	14.74										
		Physical Collocation - Power, 277V AC Power, Three Phase, per Breaker Amp			CLO	PE1FG	34.06										
		Physical Collocation - 2-wire cross-connect, loop, provisioning			UEANL,UEQ, UNLDX, UNCNX	PE1P2	0.03	12.30	11.80	6.03	5.44						
		Physical Collocation - 4-wire cross-connect, loop, provisioning			UEA, UHL, UNCVX, UNCDX, UCL, UDL	PE1P4	0.05	12.39	11.87	6.39	5.73						
		Physical Collocation -DS1 Cross-Connect for Physical Collocation, provisioning			UEANL,UEQ,WDS1 L,WDS1S, UXTD1, ULDD1, USLEL, UNLD1, UDL, UEPEX, UEPDX	PE1P1	1.11	22.03	15.93	6.40	5.79						
		Physical Collocation - DS3 Cross-Connect, provisioning			UE3,U1TD3, UXTD3, UXTS1, UNC3X, UNCSX, ULDD3, U1TS1,ULDS1, UNLD3	PE1P3	14.16	20.89	15.20	7.38	5.92						

COLLOCATION - Alabama											Attachment: 5		Exhibit: C		
CATEGORY	RATE ELEMENTS	Interim	Zone	BCS	USOC	RATES (\$)				Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l
						Rec	Nonrecurring		Nonrecurring Disconnect		OSS Rates (\$)				
							First	Add'l	First	Add'l	SOMEc	SOMAN	SOMAN	SOMAN	SOMAN
	Physical Collocation - 2-Fiber Cross-Connect			CLO, ULDO3, ULD12, ULD48, U1TO3, U1T12, U1T48, UDLO3, UDL12, UDF	PE1F2	2.81	20.89	15.20	7.38	5.92					
	Physical Collocation - 4-Fiber Cross-Connect			ULDO3, ULD12, ULD48, U1TO3, U1T12, U1T48, UDLO3, UDL12, UDF	PE1F4	4.99	25.55	19.86	9.71	8.25					
	Physical Collocation - Space enclosure, welded wire, first 100 square feet			CLO	PE1BW	156.33									
	Physical Collocation - Space enclosure, welded wire, each additional 50 square feet			CLO	PE1CW	15.34									
	Physical Collocation - Security Access System - Security System per Central Office			CLO	PE1AX	45.70									
	Physical Collocation -Security Access System - New Card Activation, per Card Activation (First), per State			CLO	PE1A1	0.05	27.79								
	Physical Collocation-Security Access System-Administrative Change, existing Access Card, per Request, per State, per Card			CLO	PE1AA		7.79								
	Physical Collocation - Security Access System - Replace Lost or Stolen Card, per Card			CLO	PE1AR		22.78								
	Physical Collocation - Security Access - Initial Key, per Key			CLO	PE1AK		13.10								
	Physical Collocation - Security Access - Key, Replace Lost or Stolen Key, per Key			CLO	PE1AL		13.10								
	Physical Collocation - Space Availability Report, per Central Office Requested			CLO	PE1SR		1,075.17								
	Physical Collocation - CFA Information Resend Request, per premises, per request			CLO	PE1C9		77.56								
	Physical Collocation - Cable Records, per request			CLO	PE1CR		759.29	488.11	133.00						
	Physical Collocation, Cable Records, VG/DS0 Cable, per cable record (maximum 3600 records)			CLO	PE1CD		326.92		189.12						
	Physical Collocation, Cable Records, VG/DS0 Cable, per each 100 pair			CLO	PE1CO		4.81		5.90						
	Physical Collocation, Cable Records, DS1, per T1 TIE			CLO	PE1C1		2.25		2.76						
	Physical Collocation, Cable Records, DS3, per T3 TIE			CLO	PE1C3		7.88		9.66						
	Physical Collocation - Cable Records, Fiber Cable, per cable record (maximum 99 records)			CLO	PE1CB		84.49		77.13						
	Physical Collocation - Security Escort for Basic Time - normally scheduled work, per half hour			CLO	PE1BT		16.93	10.73							
	Physical Collocation - Security Escort for Overtime - outside of normally scheduled working hours on a scheduled work day, per half hour			CLO	PE1OT		22.05	13.86							
	Physical Collocation - Security Escort for Premium Time - outside of scheduled work day, per half hour			CLO	PE1PT		27.17	16.98							
	Physical Collocation - Virtual to Physical Collocation Relocation, per Voice Grade Circuit			CLO	PE1BV		33.00								
	Physical Collocation - Virtual to Physical Collocation Relocation, per DSO Circuit			CLO	PE1BO		33.00								
	Physical Collocation - Virtual to Physical Collocation Relocation, per DS1 Circuit			CLO	PE1B1		52.00								
	Physical Collocation - Virtual to Physical Collocation Relocation, per DS3 Circuit			CLO	PE1B3		52.00								
	Physical Collocation - Virtual to Physical Collocation In-Place, Per Voice Grade Circuit			CLO	PE1BR		23.00								
	Physical Collocation Virtual to Physical Collocation In-Place, Per DSO Circuit			CLO	PE1BP		23.00								

COLLOCATION - Alabama												Attachment: 5		Exhibit: C		
CATEGORY		RATE ELEMENTS	Interim	Zone	BCS	USOC	RATES (\$)				Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l
							Rec	Nonrecurring		Nonrecurring Disconnect		OSS Rates (\$)				
								First	Add'l	First	Add'l	SOMEC	SOMAN	SOMAN	SOMAN	SOMAN
		Physical Collocation - Virtual to Physical Collocation In-Place, Per DS1 Circuit			CLO	PE1BS		33.00								
		Physical Collocation - Virtual to Physical Collocation In-Place, per DS3 Circuit			CLO	PE1BE		37.00								
		Physical Collocation - Virtual to Physical Collocation In-Place/Relocation, space cable facilities assigned to Collocation Space, per 700 cable pairs or fraction thereof			CLO	PE1B7		592.00								
		Physical Collocation - Co-Carrier Cross Connects/Direct Connect - Fiber Cable Support Structure, per linear ft.			CLO	PE1ES	0.0011									
		Physical Collocation - Co-Carrier Cross Connect/Direct Connect - Copper/Coax Cable Support Structure, per lin. ft.			CLO	PE1DS	0.0016									
		Physical Collocation - Co-Carrier Cross Connects/Direct Connect, Application Fee, per application			CLO	PE1DT		584.22								
		Physical Collocation - Copper Entrance Cable per Cable (CO manhole to vault splice)			CLO	PE1EA		1,196.424	42.721							
		Physical Collocation - Copper Entrance Cable Installation, per 100 Pairs			CLO	PE1EB		18.103								
		Physical Collocation - Fiber Entrance Cable per Cable (CO manhole to vault splice)			CLO	PE1EC		1,000.913	42.721							
		Physical Collocation - Fiber Entrance Cable Installation, per Fiber			CLO	PE1ED		7.241								
		Physical Collocation - Application Cost, Simple Augment			CLO	PE1KS		594.41		1.21						
		Physical Collocation - Application Cost, Minor Augment			CLO	PE1KM		833.47		1.21						
		Physical Collocation - Application Cost, Intermediate Augment			CLO	PE1K1		1,058.00		1.21						
		Physical Collocation - Co-Carrier Cross Connect/Direct Connect - Fiber Cable Support Structure, per cable	I		CLO	PE1DU		535.37								
		Physical Collocation - Co-Carrier Cross Connect/Direct Connect - Copper/Coax Cable Support Structure, per cable	I		CLO	PE1DV		535.37								
ADJACENT COLLOCATION																
		Adjacent Collocation - Space Charge per Sq. Ft.			CLOAC	PE1JA	0.14									
		Adjacent Collocation - Electrical Facility Charge per Linear Ft.			CLOAC	PE1JC	5.41									
		Adjacent Collocation - 2-Wire Cross-Connects			UEA,UHL,UDL,UCL	PE1P2	0.02	12.30	11.80	6.03	5.44					
		Adjacent Collocation - 4-Wire Cross-Connects			UEA,UHL,UDL,UCL	PE1P4	0.04	12.39	11.87	6.39	5.73					
		Adjacent Collocation - DS1 Cross-Connects			UEA,UHL,UDL,UCL	PE1P1	1.03	22.03	15.93	6.40	5.79					
		Adjacent Collocation - DS3 Cross-Connects			UEA,UHL,UDL,UCL	PE1P3	13.95	20.89	15.20	7.38	5.92					
		Adjacent Collocation - 2-Fiber Cross-Connect			CLOAC	PE1F2	2.36	20.89	15.20	7.38	5.92					
		Adjacent Collocation - 4-Fiber Cross-Connect			CLOAC	PE1F4	4.52	25.55	19.86	9.71	8.25					
		Adjacent Collocation - Application Fee			CLOAC	PE1JB		1,576.69		0.51						
		Adjacent Collocation - 120V, Single Phase Standby Power Rate per AC Breaker Amp			CLOAC	PE1FB	4.91									
		Adjacent Collocation - 240V, Single Phase Standby Power Rate per AC Breaker Amp			CLOAC	PE1FD	9.84									
		Adjacent Collocation - 120V, Three Phase Standby Power Rate per AC Breaker Amp			CLOAC	PE1FE	14.74									
		Adjacent Collocation - 277V, Three Phase Standby Power Rate per AC Breaker Amp			CLOAC	PE1FG	34.06									
		Adjacent Collocation - DC power provisioning (Alabama Only Mandate)			CLOAC			ICB								
		Note: ICB means Individual Case Basis														
PHYSICAL COLLOCATION IN THE REMOTE SITE																
		Physical Collocation in the Remote Site - Application Fee			CLORS	PE1RA		307.70		168.22						
		Cabinet Space in the Remote Site per Bay/ Rack			CLORS	PE1RB	201.42									
		Physical Collocation in the Remote Site - Security Access - Key			CLORS	PE1RD		13.10								
		Physical Collocation in the Remote Site - Space Availability Report per Premises Requested			CLORS	PE1SR		115.87								
		Physical Collocation in the Remote Site - Remote Site CLLI Code Request, per CLLI Code Requested			CLORS	PE1RE		37.56								
		Remote Site DLEC Data (BRSD), per Compact Disk, per CO			CLORS	PE1RR		233.38								

COLLOCATION - Alabama												Attachment: 5		Exhibit: C		
CATEGORY	RATE ELEMENTS		Interim	Zone	BCS	USOC	RATES (\$)				Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l
							Rec	Nonrecurring		Nonrecurring Disconnect		OSS Rates (\$)				
								First	Add'l	First	Add'l	SOME C	SOMAN	SOMAN	SOMAN	SOMAN
		Power, DC Power Provisioning (Alabama Only)			CLORS		ICB									
		Physical Collocation - Security Escort for Basic Time - normally scheduled work, per half hour			CLORS	PE1BT		16.93	10.73							
		Physical Collocation - Security Escort for Overtime - outside of normally scheduled working hours on a scheduled work day, per half hour			CLORS	PE1OT		22.05	13.86							
		Physical Collocation - Security Escort for Premium Time - outside of scheduled work day, per half hour			CLORS	PE1PT		27.17	16.98							
PHYSICAL COLLOCATION IN THE REMOTE SITE - ADJACENT																
		Remote Site-Adjacent Collocation - AC Power, per breaker amp	I		CLORS	PE1RS	6.27									
		Remote Site-Adjacent Collocation - Real Estate, per square foot	I		CLORS	PE1RT	0.134									
		Remote Site-Adjacent Collocation-Application Fee	I		CLORS	PE1RU		755.62	755.62							
NOTE: If Security Escort and/or Add'l Engineering Fees become necessary for remote site collocation, the Parties will negotiate appropriate rates.																
VIRTUAL COLLOCATION																
		Virtual Collocation - Application Fee			AMTFS	EAF		1,205.26		0.51						
		Virtual Collocation - Cable Installation Cost, per cable			AMTFS	ESPCX		859.71		22.49						
		Virtual Collocation - Floor Space, per sq. ft.			AMTFS	ESPVX	3.22									
		Virtual Collocation - Power, per fused amp			AMTFS	ESPAX	7.83									
		Virtual Collocation - Cable Support Structure, per entrance cable			AMTFS	ESPSX	14.97									
		Virtual Collocation - 2-wire Cross Connects (loop)			UEANL, UEA,UDN,U DC,UAL,UHL,UCL,U EQ, UNCVX, UNCDX, UNCNX	UEAC2	0.03	12.30	11.80	6.03	5.44					
		Virtual Collocation - 4-wire Cross Connects (loop)			UEA,UHL,UCL,UDL, UAL, UDN, UNCVX, UNCDX	UEAC4	0.05	12.39	11.87	6.39	5.73					
		Virtual Collocation - 2-Fiber Cross Connects			UDL12, UDLO3, U1T48, U1T12, U1T03, ULDO3, ULD12, ULD48, UDF	CNC2F	2.84	20.89	15.20	7.38	5.92					
		Virtual Collocation - 4-Fiber Cross Connects			UDL12, UDLO3, U1T48, U1T12, U1T03, ULDO3, ULD12, ULD48, UDF	CNC4F	5.69	25.55	19.86	9.71	8.25					
		Virtual collocation - Special Access & UNE, cross-connect per DS1			USL,ULC, ULR, UXTD1, UNC1X, ULDD1, U1TD1, USLEL, UNLD1, UEPEX, UEPPDX	CNC1X	1.11	22.03	15.93	6.40	5.79					
		Virtual collocation - Special Access & UNE, cross-connect per DS3			USL,UE3, U1TD3, UXTS1, UXTD3, UNC3X, UNCSX, ULDD3, U1TS1, ULDS1, UDLSX, UNLD3	CND3X	14.16	20.89	15.20	7.38	5.92					
		Virtual Collocation - Co-Carrier Cross Connects - Fiber Cable Support Structure, per linear foot			AMTFS	VE1CB	0.0026									
		Virtual Collocation - Co-Carrier Cross Connects - Copper/Coax Cable Support Structure, per linear ft			AMTFS	VE1CD	0.0038									
		Virtual Collocation - Co-Carrier Cross Connects - Fiber Cable Support Structure,per cable			AMTFS	VE1CC		535.37								
		Virtual Collocation - Co-Carrier Cross Connects - Copper/Coax Cable Support Structure, per cable			AMTFS	VE1CE		535.37								
		Virtual Collocation Cable Records - per request			AMTFS	VE1BA		759.29	488.11	133.00						

COLLOCATION - Alabama											Attachment: 5		Exhibit: C			
CATEGORY		RATE ELEMENTS	Interim	Zone	BCS	USOC	RATES (\$)				Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l
							Rec	Nonrecurring		Nonrecurring Disconnect						
							First	Add'l	First	Add'l	SOME C	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN
		Virtual Collocation Cable Records - VG/DS0 Cable, per cable record			AMTFS	VE1BB	326.92	326.92	189.12							
		Virtual Collocaiton Cable Records - VG/DS0 Cable, per each 100 pair			AMTFS	VE1BC	4.81		5.90							
		Virtual Collocation Cable Records - DS1, per T1TIE			AMTFS	VE1BD	2.25		2.76							
		Virtual Collocation Cable Records - DS3, per T3TIE			AMTFS	VE1BE	7.88		9.66							
		Virtual Collocation Cable Records - Fiber Cable, per 99 fiber records			AMTFS	VE1BF	84.49		77.13							
		Virtual collocation - Security Escort - Basic, per half hour			AMTFS	SPTBX	16.93	10.73								
		Virtual collocation - Security Escort - Overtime, per half hour			AMTFS	SPTOX	22.05	13.86								
		Virtual collocation - Security Escort - Premium, per half hour			AMTFS	SPTPX	27.17	16.98								
		Virtual collocation - Maintenance in CO - Basic, per half hour			AMTFS	CTRLX	27.93	10.73								
		Virtual collocation - Maintenance in CO - Overtime, per half hour			AMTFS	SPTOM	36.47	13.86								
		Virtual collocation - Maintenance in CO - Premium per half hour			AMTFS	SPTPM	45.02	16.98								
VIRTUAL COLLOCATION																
		Virtual Collocation - 2-wire Cross Connect, Exchange Port 2-Wire Analog - Res			UEPSR	VE1R2	0.03	12.30	11.80	6.03	5.44					
		Virtual Collocation 2-Wire Cross Connect, Exchange Port 2-Wire Line Side PBX Trunk - Bus			UEPSP	VE1R2	0.03	12.30	11.80	6.03	5.44					
		Virtual Collocation 2-Wire Cross Connect, Exchange Port 2-Wire Voice Grade PBX Trunk - Res			UEPSE	VE1R2	0.03	12.30	11.80	6.03	5.44					
		Virtual Collocation 2-Wire Cross Connect, Exchange Port 2-Wire Analog Bus			UEPSB	VE1R2	0.03	12.30	11.80	6.03	5.44					
		Virtual Collocation 2-Wire Cross Connect, Exchnage Port 2-Wire ISDN			UEPSX	VE1R2	0.03	12.30	11.80	6.03	5.44					
		Virtual Collocation 2-Wire Cross Connect, Exchange Port 2-Wire ISDN			UEPTX	VE1R2	0.03	12.30	11.80	6.03	5.44					
		Virtual Collocation 4-Wire Cross Connect, Exchange Port 4-Wire ISDN DS1			UEPEX	VE1R4	0.05	12.39	11.87	6.39	5.44					
Note: Rates displaying an "R" in Interim column are interim and subject to rate true-up as set forth in General Terms and Conditions.																

Attachment 8

Business Process Requirements

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PRE-ORDERING, ORDERING, PROVISIONING, MAINTENANCE AND REPAIR

1. QUALITY OF PRE-ORDERING, ORDERING, PROVISIONING, MAINTENANCE AND REPAIR

- 1.1 BellSouth shall provide to ACN nondiscriminatory access to its Operations Support Systems (OSS) and the necessary information contained therein in order that ACN can perform the functions of pre-ordering, ordering, provisioning, maintenance and repair, and billing.. BellSouth shall provide ACN with all relevant documentation (manuals, user guides, specifications, etc.) regarding business rules and other formatting information as well as practices and procedures necessary to ensure requests are efficiently processed. All documentation will be readily accessible at BellSouth's interconnection website and are incorporated herein by reference. BellSouth shall ensure that its OSS are designed to accommodate access requests for both current and projected demand of ACN and other CLECs in the aggregate.
- 1.2 BellSouth shall provision services during its regular working hours. To the extent ACN requests provisioning of service to be performed outside BellSouth's regular working hours, or the work so requested requires BellSouth's technicians or Project Manager to work outside of regular working hours, overtime charges shall apply. Notwithstanding the foregoing, if such work is performed outside of regular working hours by a BellSouth technician or Project Manager during his or her scheduled shift and BellSouth does not incur any overtime charges in performing the work on behalf of ACN, BellSouth will not assess ACN additional charges beyond the rates and charges specified in this Agreement.

2. ACCESS TO OPERATIONS SUPPORT SYSTEMS

- 2.1 BellSouth shall provide ACN nondiscriminatory access to its OSS and the necessary information contained therein in order that ACN can perform the functions of pre-ordering, ordering, provisioning, maintenance and repair, and billing. BellSouth shall provide nondiscriminatory access to the OSS through manual and/or electronic interfaces as described in this Attachment. It is the sole responsibility of ACN to obtain the technical capability to access and utilize BellSouth's OSS interfaces. Specifications for ACN's access and use of BellSouth's electronic interfaces are set forth at BellSouth's interconnection website and are incorporated herein by reference.

- 2.1.1 Pre-Ordering. BellSouth will provide electronic access to its OSS and the information contained therein in order that ACN can perform the following pre-ordering functions: service address validation, telephone number selection, service and feature availability, due date information, customer record information and loop makeup information. Mechanized access is provided by electronic interfaces whose specifications for access and use are set forth at BellSouth's interconnection website and are incorporated herein by reference. The process by which BellSouth and ACN will manage these electronic interfaces to include the development and introduction of new interfaces will be governed by the change management process as described below. ACN shall provide to BellSouth access to customer record information, including circuit numbers associated with each telephone number where applicable. ACN shall provide such information within four (4) hours after request via electronic access where available. If electronic access is not available, ACN shall provide to BellSouth paper copies of customer record information, including circuit numbers associated with each telephone number where applicable. If BellSouth requests the information before noon, the customer record information shall be provided the same day. If BellSouth requests the information after noon, the customer record information shall be provided by noon the following day.
- 2.1.2 The Parties agree not to view, copy, or otherwise obtain access to the customer record information of any customer without that customer's permission. ACN will obtain access to customer record information only in strict compliance with applicable laws, rules, or regulations of the state in which the service is provided. BellSouth reserves the right to audit ACN's access to customer record information. If a BellSouth audit of ACN's access to customer record information reveals that ACN is accessing customer record information without having obtained the proper End User authorization, BellSouth upon reasonable notice to ACN may take corrective action, including but not limited to suspending or terminating ACN's electronic access to BellSouth's OSS functionality. All such information obtained through an audit shall be deemed Information covered by the Proprietary and Confidential Information section in the General Terms and Conditions of this Agreement.
- 2.1.3 Ordering. BellSouth will make available to ACN electronic interfaces for the purpose of exchanging order information, including order status and completion notification, for non-complex and certain complex resale requests and certain network elements. Specifications for access and use of BellSouth's electronic interfaces are set forth at BellSouth's interconnection website and are incorporated herein by reference. The process by which BellSouth and ACN will manage these electronic interfaces to include the development and introduction of new interfaces will be governed by the change management process as described below.

2.1.4 Maintenance and Repair. BellSouth will make available to ACN electronic interfaces for the purpose of reporting and monitoring service troubles. Specifications for access and use of BellSouth's maintenance and repair electronic interfaces are set forth at BellSouth's interconnection website and are incorporated herein by reference. The process by which BellSouth and ACN will manage these electronic interfaces to include the development and introduction of new interfaces will be governed by the change management process as described below. Requests for trouble repair are billed in accordance with the provisions of this Agreement. BellSouth and ACN agree to adhere to BellSouth's Operational Understanding, as amended from time to time during this Agreement and as incorporated herein by reference. The Operational Understanding may be accessed via BellSouth's interconnection website.

2.1.5 Billing. BellSouth will provide ACN nondiscriminatory access to billing information as specified in Attachment 7 to this Agreement.

2.2 Change Management. BellSouth and ACN agree that the collaborative change management process known as the Change Control Process (CCP) will be used to manage changes to existing interfaces, introduction of new interfaces and retirement of interfaces. BellSouth and ACN agree to comply with the provisions of the documented Change Control Process as may be amended from time to time and incorporated herein by reference. The change management process will cover changes to BellSouth's electronic interfaces, BellSouth's testing environment, associated manual process improvements, and relevant documentation. The process will define a procedure for resolution of change management disputes. Documentation of the CCP as well as related information and processes will be clearly organized and readily accessible to ACN at BellSouth's interconnection website.

2.3 Rates. Charges for use of OSS shall be as set forth in this Agreement.

3. MISCELLANEOUS

3.1 Pending Orders. Orders placed in the hold or pending status by ACN will be held for a maximum of thirty (30) days from the date the order is placed on hold. After such time, ACN shall be required to submit a new service request. Incorrect or invalid requests returned to ACN for correction or clarification will be held for thirty (30) days. If ACN does not return a corrected request within thirty (30) days, BellSouth will cancel the request.

3.2 Single Point of Contact. ACN will be the single point of contact with BellSouth for ordering activity for network elements and other services used by ACN to provide services to its End Users, except that BellSouth may accept a request directly from another CLEC, or BellSouth, acting

with authorization of the affected End User. ACN and BellSouth shall each execute a blanket letter of authorization with respect to customer requests so that prior proof of end-user authorization will not be necessary with every request (except in the case of a local service freeze). The Parties shall each be entitled to adopt their own internal processes for verification of customer authorization for requests, provided, however, that such processes shall comply with applicable state and federal law and industry and regulatory guidelines. Pursuant to a request from another carrier, BellSouth may disconnect any network element being used by ACN to provide service to that End User and may reuse such network elements or facilities to enable such other carrier to provide service to the End User. BellSouth will notify ACN that such a request has been processed but will not be required to notify ACN in advance of such processing.

- 3.2.1 Neither BellSouth nor ACN shall prevent or delay an end-user from migrating to another carrier because of unpaid bills, denied service, or contract terms.
- 3.2.2 BellSouth shall return a Firm Order Confirmation (FOC) and Local Service Request (LSR) rejection/clarification within the intervals in accordance with the Service Quality Measurement (SQM) set forth in Attachment 9 of this Agreement.
- 3.2.3 ACN shall return a FOC to BellSouth within thirty-six (36) hours after ACN's receipt from BellSouth of a valid LSR.
- 3.2.4 ACN shall provide a Reject Response to BellSouth within twenty-four (24) hours after BellSouth's submission of an LSR which is incomplete or incorrectly formatted.
- 3.3 Use of Facilities. When a customer of ACN elects to discontinue service and to transfer service to another local exchange carrier, including BellSouth, BellSouth shall have the right to reuse the facilities provided to ACN by BellSouth. In addition, where BellSouth provides local switching, BellSouth may disconnect and reuse facilities when the facility is in a denied state and BellSouth has received a request to establish new service or transfer of service from a customer or a customer's CLEC at the same address served by the denied facility. BellSouth will notify ACN that such a request has been processed after the disconnect order has been completed.
- 3.4 Contact Numbers. The Parties agree to provide one another with toll-free nation-wide (50 states) contact numbers for the purpose of ordering, provisioning and maintenance of services.

- 3.5 Subscription Functions. In cases where BellSouth performs subscription functions for an interexchange carrier (IXC) (i.e. PIC and LPIC changes via Customer Account Record Exchange (CARE)), BellSouth will in all possible instances provide the affected IXCs with the Operating Company Number (OCN) of the local provider for the purpose of obtaining End User billing account and other End User information required under subscription requirements.
- 3.5.1 When ACN's End User, served by resale or loop and port combinations, changes its PIC or LPIC, and per BellSouth's FCC or state tariff the interexchange carrier elects to charge the End User the PIC or LPIC change charge, BellSouth will bill the PIC or LPIC change charge to ACN, which has the billing relationship with that End User, and ACN may pass such charge to the End User.
- 3.6 Cancellation Charges. If ACN cancels a request for network elements or resold services, any costs incurred by BellSouth in conjunction with the provisioning of that request will be recovered in accordance with BellSouth's Private Line Tariff or BellSouth's FCC No. 1 Tariff, Section 5.4, as applicable. Notwithstanding the foregoing, if ACN places an LSR based upon BellSouth's loop makeup information, and such information is inaccurate resulting in the inability of BellSouth to provision the network elements requested and another spare compatible facility cannot be found with the transmission characteristics of the network elements originally requested, cancellation charges described in this Section shall not apply. Where ACN places a single LSR for multiple network elements or services based upon loop makeup information, and information as to some, but not all, of the network elements or services is inaccurate, if BellSouth cannot provision the network elements or services that were the subject of the inaccurate loop makeup information, ACN may cancel its request for those network elements or services without incurring cancellation charges as described in this Section. In such instance, should ACN elect to cancel the entire LSR, cancellation charges as described in this Section shall apply to those elements and services that were not the subject of inaccurate loop makeup.
- 3.7 Service Date Advancement Charges (a.k.a. Expedites). For Service Date Advancement requests by ACN, Service Date Advancement charges will apply for intervals less than the standard interval as outlined in the BellSouth Product and Services Interval Guide. The charges as outlined in BellSouth's FCC No. 1 Tariff, Section 5, will apply as applicable.

4. PAYMENT AND BILLING ARRANGEMENTS

- 4.1 The terms and conditions set forth in this Attachment shall apply to all services ordered and provisioned pursuant to this Agreement.

- 4.2 **Billing.** BellSouth will bill through the Carrier Access Billing System (CABS), Integrated Billing System (IBS) and/or the Customer Records Information System (CRIS) depending on the particular service(s) provided to ACN under this Agreement. BellSouth will format all bills in Carrier Billing Output Specification (CBOS) Standard or CLUB/EDI format, depending on the type of service provided. For those services where standards have not yet been developed, BellSouth's billing format will change as necessary when standards are finalized by the applicable industry forum.
- 4.2.1 For any service(s) BellSouth receives from ACN, ACN shall bill BellSouth in CBOS format.
- 4.2.2 Any switched access charges associated with interexchange carrier access to the resold local exchange lines will be billed by, and due to BellSouth.
- 4.2.3 BellSouth will render bills each month on established bill days for each of ACN's accounts. If either Party requests multiple billing media or additional copies of the bills, the billing Party will provide these at a reasonable cost.
- 4.2.4 BellSouth will bill ACN in advance for all services to be provided during the ensuing billing period except charges associated with service usage and nonrecurring charges, which will be billed in arrears.
- 4.2.4.1 Charges for services will be calculated on an individual End User account level, including, if applicable, any charge for usage or usage allowances. BellSouth will also bill ACN, and ACN will be responsible for and remit to BellSouth, all charges applicable to said services including but not limited to 911 and E911 charges, End Users common line charges, federal subscriber line charges, telecommunications relay charges (TRS), and franchise fees, unless otherwise ordered by a Commission.
- 4.2.5 BellSouth will not perform billing and collection services for ACN as a result of the execution of this Agreement.
- 4.2.6 In the event that this Agreement or an amendment to this Agreement effects a rate change to recurring rate elements that are billed in advance, BellSouth will make an adjustment to such recurring rates billed in advance at the previously effective rate. The adjustment shall reflect billing at the new rates from the Effective Date of the Agreement or amendment.
- 4.3 **Establishing Accounts.** After submitting a credit profile and deposit, if required, and after receiving certification as a local exchange carrier from the appropriate regulatory agency, ACN will provide the appropriate BellSouth advisory team/local contract manager the necessary

documentation to enable BellSouth to establish accounts for Local Interconnection, Network Elements and Other Services, Collocation and/or resold services. Such documentation shall include the Application for Master Account, if applicable, proof of authority to provide telecommunications services, the appropriate Operating Company Numbers (OCN) for each state as assigned by the National Exchange Carriers Association (NECA), Carrier Identification Code (CIC), Access Customer Name and Abbreviation (ACNA), Blanket Letter of Authorization (LOA), Misdirected Number form, and a tax exemption certificate, if applicable. Notwithstanding anything to the contrary in this Agreement, ACN may not order services under a new account established in accordance with this Section 1.2 until 30 days after all information specified in this Section 1.2 is received from ACN.

- 4.3.1 **OCN.** If ACN needs to change its OCN(s) under which it operates when ACN has already been conducting business utilizing those OCN(s), ACN shall bear all costs incurred by BellSouth to convert ACN to the new OCN(s). OCN conversion charges include all time required to make system updates to all of ACN's End User customer records and will be handled by the BFR/NBR process.
- 4.3.2 **Payment Responsibility.** Payment of all charges will be the responsibility of ACN. ACN shall make payment to BellSouth for all services billed. Payments made by ACN to BellSouth as payment on account will be credited to ACN's accounts receivable master account. BellSouth will not become involved in billing disputes that may arise between ACN and ACN's customer.
- 4.4 **Payment Due.** Payment for services provided is due on or before the next bill date in immediately available funds. Payment is considered to have been made when received by BellSouth.
- 4.5 **Due Dates.** If the payment due date falls on a Sunday or on a holiday that is observed on a Monday, the payment due date shall be the first non-holiday day following such Sunday or holiday. If the payment due date falls on a Saturday or on a holiday which is observed on Tuesday, Wednesday, Thursday, or Friday, the payment due date shall be the last non-holiday day preceding such Saturday or holiday. If payment is not received by the payment due date, a late payment charge, as set forth in Section 4.7, below, shall apply.
- 4.6 **Tax Exemption.** Upon BellSouth's receipt of tax exemption certificate, the total amount billed to ACN will not include those taxes or fees from which ACN is exempt. ACN will be solely responsible for the computation, tracking, reporting and payment of all taxes and like fees associated with the services provided to the End User of ACN.

- 4.7 **Late Payment.** If any portion of the payment is not received by BellSouth on or before the payment due date as set forth preceding, or if any portion of the payment is received by BellSouth in funds that are not immediately available to BellSouth, then a late payment charge shall be due to BellSouth. The late payment charge shall be the portion of the payment not received by the payment due date multiplied by a late factor and will be applied on a per bill basis. The late factor shall be as set forth in Section A2 of the General Subscriber Services Tariff, Section B2 of the Private Line Service Tariff or Section E2 of the Intrastate Access Tariff, as appropriate. In addition to any applicable late payment charges, ACN may be charged a fee for all returned checks as set forth in Section A2 of the General Subscriber Services Tariff or pursuant to the applicable state law.
- 4.8 **Discontinuing Service to ACN.** The procedures for discontinuing service to ACN are as follows:
- 4.8.1 BellSouth reserves the right to suspend or terminate service in the event of prohibited, unlawful or improper use of BellSouth facilities or service, abuse of BellSouth facilities, or any other violation or noncompliance by ACN of the rules and regulations of BellSouth's tariffs.
- 4.8.2 BellSouth reserves the right to suspend or terminate service for nonpayment. If payment of amounts not subject to a billing dispute, as described in Section 5, is not received by the bill date in the month after the original bill date, BellSouth will provide written notice to ACN that additional applications for service may be refused, that any pending orders for service may not be completed, and/or that access to ordering systems may be suspended if payment of such amounts, and all other amounts not in dispute that become past due before refusal, incompleteness or suspension, is not received by the fifteenth day following the date of the notice. In addition, BellSouth may, at the same time, provide written notice to the person designated by ACN to receive notices of noncompliance that BellSouth may discontinue the provision of existing services to ACN if payment of such amounts, and all other amounts not in dispute that become past due before discontinuance, is not received by the thirtieth day following the date of the initial notice.
- 4.8.3 In the case of discontinuance of services, all billed charges, as well as applicable termination charges, shall become due.
- 4.8.4 Discontinuance of service on ACN's account will effect a discontinuance of service to ACN's End Users. BellSouth will reestablish service for ACN upon payment of all past due charges and the appropriate connection fee subject to BellSouth's normal application procedures. ACN is solely responsible for notifying the End User of the discontinuance of the service. If within fifteen (15) days after ACN's service has been discontinued and

no arrangements to reestablish service have been made consistent with this subsection, ACN's service will be disconnected.

- 4.9 **Deposit Policy.** ACN shall complete the BellSouth Credit Profile and provide information to BellSouth regarding credit worthiness. Based on the results of the credit analysis, BellSouth reserves the right to secure the account with a suitable form of security deposit. Such security deposit shall take the form of cash, an Irrevocable Letter of Credit (BellSouth form), Surety Bond (BellSouth form) or, in BellSouth's sole discretion, some other form of security proposed by ACN. Any such security deposit shall in no way release ACN from its obligation to make complete and timely payments of its bill. ACN shall pay any applicable deposits prior to the inauguration of service. If, in the sole opinion of BellSouth, circumstances so warrant and/or gross monthly billing has increased beyond the level initially used to determine the level of security deposit, BellSouth reserves the right to request additional security and/or file a Uniform Commercial Code (UCC-1) security interest in ACN's "accounts receivables and proceeds." Interest on a security deposit, if provided in cash, shall accrue and be paid in accordance with the terms in the appropriate BellSouth tariff. Security deposits collected under this Section shall not exceed two months' estimated billing. In the event ACN fails to remit to BellSouth any deposit requested pursuant to this Section, service to ACN may be terminated in accordance with the terms of Section 4.8 of this Attachment, and any security deposits will be applied to ACN's account(s). In the event ACN defaults on its account, service to ACN will be terminated in accordance with the terms of Section 4.8 above, and any security deposits will be applied to ACN's account.
- 4.10 **Notices.** Notwithstanding anything to the contrary in this Agreement, all bills and notices regarding billing matters, including notices relating to security deposits, disconnection of services for nonpayment of charges, and rejection of additional orders from ACN, shall be forwarded to the individual and/or address provided by ACN in establishment of its billing account(s) with BellSouth, or to the individual and/or address subsequently provided by ACN as the contact for billing information. All monthly bills and notices described in this Section shall be forwarded to the same individual and/or address; provided, however, upon written request from ACN to BellSouth's billing organization, the notice of discontinuance of services purchased by ACN under this Agreement provided for in Section 4.8.2 of this Attachment shall be sent via certified mail to the individual(s) listed in the Notices provision of the General Terms and Conditions of this Agreement.
- 4.11 **Rates.** Rates for Optional Daily Usage File (ODUF), Access Daily Usage File (ADUF), Enhanced Optional Daily Usage File (EODUF) and Centralized Message Distribution Service (CMDs) are set out in

Attachment 1 Table 1. If no rate is identified in Attachment 1 Table 1, the rate for the specific service or function will be as set forth in the applicable BellSouth tariff or as negotiated by the Parties upon request by either Party.

5. BILLING DISPUTES

5.1 Each Party agrees to notify the other Party in writing upon the discovery of a billing dispute. ACN shall report all billing disputes to BellSouth using the Billing Adjustment Request Form (RF 1461) provided by BellSouth. In the event of a billing dispute, the Parties will endeavor to resolve the dispute within sixty (60) calendar days of the notification date. If the Parties are unable within the 60 day period to reach resolution, then the aggrieved Party may pursue dispute resolution in accordance with the General Terms and Conditions of this Agreement.

5.2 For purposes of this Section, a billing dispute means a reported dispute of a specific amount of money actually billed by either Party. The dispute must be clearly explained by the disputing Party and supported by written documentation, which clearly shows the basis for disputing charges. A billing dispute will not include the refusal to pay all or part of a bill or bills when no written documentation is provided to support the dispute, nor shall a billing dispute include the refusal to pay other amounts owed by the billed Party until the dispute is resolved. Claims by the billed Party for damages of any kind will not be considered a billing dispute for purposes of this Section. If the billing dispute is resolved in favor of the billing Party, the disputing Party will make immediate payment of any of the disputed amount owed to the billing Party or the billing Party shall have the right to pursue normal treatment procedures. Any credits due to the disputing Party, pursuant to the billing dispute, will be applied to the disputing Party's account by the billing Party immediately upon resolution of the dispute.

5.3 If a Party disputes a charge and does not pay such charge by the payment due date, or if a payment or any portion of a payment is received by either Party after the payment due date, or if a payment or any portion of a payment is received in funds which are not immediately available to the other Party, then a late payment charge and interest, where applicable, shall be assessed. For bills rendered by either Party for payment, the late payment charge for both Parties shall be calculated based on the portion of the payment not received by the payment due date multiplied by the late factor as set forth in the following BellSouth tariffs: for services purchased from the General Subscribers Services Tariff for purposes of resale and for ports and non-designed loops, Section A2 of the General Subscriber Services Tariff; for services purchased from the Private Line Tariff for purposes of resale, Section B2 of the Private Line Service Tariff; and for

designed network elements and other services and local interconnection charges, Section E2 of the Access Service Tariff. The Parties shall assess interest on previously assessed late payment charges only in a state where it has the authority pursuant to its tariffs.

6. RAO HOSTING

- 6.1 RAO Hosting, Calling Card and Third Number Settlement System (CATS) and Non-Intercompany Settlement System (NICS) services provided to ACN by BellSouth will be in accordance with the methods and practices regularly applied by BellSouth to its own operations during the term of this Agreement, including such revisions as may be made from time to time by BellSouth.
- 6.2 ACN shall furnish all relevant information required by BellSouth for the provision of RAO Hosting, CATS and NICS.
- 6.3 Charges or credits, as applicable, will be applied by BellSouth to ACN on a monthly basis in arrears. Amounts due (excluding adjustments) are payable within thirty (30) days of receipt of the billing statement.
- 6.4 ACN must have its own unique hosted RAO code. Where BellSouth is the selected CMDS interfacing host, ACN must request that BellSouth establish a unique hosted RAO code for ACN. Such request shall be in writing to the BellSouth RAO Hosting coordinator and must be submitted at least eight (8) weeks prior to provision of services pursuant to this Section. Services shall commence on a date mutually agreed by the Parties.
- 6.5 BellSouth will receive messages from ACN that are to be processed by BellSouth, another LEC in the BellSouth region or a LEC outside the BellSouth region. ACN shall send all messages to BellSouth no later than sixty (60) days after the message date.
- 6.6 BellSouth will perform invoice sequence checking, standard EMI format editing, and balancing of message data with the EMI trailer record counts on all data received from ACN.
- 6.7 All data received from ACN that is to be processed or billed by another LEC within the BellSouth region will be distributed to that LEC in accordance with the Agreement(s) in effect between BellSouth and the involved LEC.
- 6.8 All data received from ACN that is to be placed on the CMDS network for distribution outside the BellSouth region will be handled in accordance with the agreement(s) in effect between BellSouth and its connecting contractor.

- 6.9 BellSouth will receive messages from the CMDS network that are destined to be processed by ACN and will forward them to ACN on a daily basis for processing.
- 6.10 Transmission of message data between BellSouth and ACN will be via CONNECT:Direct or Secure File Transfer Protocol (FTP).
 - 6.10.1 Data circuits (private line or dial-up) will be required between BellSouth and ACN for the purpose of data transmission when utilizing CONNECT:Direct. Where a dedicated line is required, ACN will be responsible for ordering the circuit and coordinating the installation with BellSouth. ACN is responsible for any charges associated with this line. Equipment required on the BellSouth end to attach the line to the mainframe computer and to transmit data will be negotiated on an individual case basis. Where a dial-up facility is required, dial circuits will be installed in the BellSouth data center by BellSouth and the associated charges assessed to ACN. Additionally, all message toll charges associated with the use of the dial circuit by ACN will be the responsibility of ACN. Associated equipment on the BellSouth end, including a modem, will be negotiated on an individual case basis between the Parties. All equipment, including modems and software, that is required on the ACN end for the purpose of data transmission will be the responsibility of ACN.
 - 6.10.2 If ACN utilizes Secure File Transfer Protocol for data file transmission, purchase of the Secure File Transfer Protocol software will be the responsibility of ACN.
- 6.11 All messages and related data exchanged between BellSouth and ACN will be formatted for EMI formatted records and packed between appropriate EMI header and trailer records in accordance with accepted industry standards.
- 6.12 ACN will maintain recorded message detail necessary to recreate files provided to BellSouth for a period of three (3) calendar months beyond the related message dates.
- 6.13 Should it become necessary for ACN to send data to BellSouth more than sixty (60) days past the message date(s), ACN will notify BellSouth in advance of the transmission of the data. BellSouth will work with its connecting contractor and/or ACN, where necessary, to notify all affected LECs.
- 6.14 In the event that data to be exchanged between the two Parties should become lost or destroyed, the Party responsible for creating the data will make every effort to restore and retransmit such data. If the data cannot be

retrieved, the Party responsible for losing or destroying the data will be liable to the other Party for any resulting lost revenue. Lost revenue may be a combination of revenues that could not be billed to the End Users and associated access revenues. Both Parties will work together to estimate the revenue amount based upon historical data through a method mutually agreed upon. The resulting estimated revenue loss will be paid by the responsible Party to the other Party within three (3) calendar months of the resolution of the amount owed, or as mutually agreed upon by the Parties.

- 6.15 Should an error be detected by the EMI format edits performed by BellSouth on data received from ACN, the entire pack containing the affected data will not be processed by BellSouth. BellSouth will notify ACN of the error. ACN will correct the error(s) and will resend the entire pack to BellSouth for processing. In the event that an out-of-sequence condition occurs on subsequent packs, ACN will resend these packs to BellSouth after the pack containing the error has been successfully reprocessed by BellSouth.
- 6.16 In association with message distribution service, BellSouth will provide ACN with associated intercompany settlements reports (CATS and NICS) as appropriate.
- 6.17 Notwithstanding anything in this Agreement to the contrary, in no case shall either Party be liable to the other for any direct or consequential damages incurred as a result of the obligations set out in this Section.
- 6.18 Intercompany Settlements Messages
- 6.18.1 Intercompany Settlements Messages facilitate the settlement of revenues associated with traffic originated from or billed by ACN as a facilities based provider of local exchange telecommunications services outside the BellSouth region. Only traffic that originates in one Bell operating territory and bills in another Bell operating territory is included. Traffic that originates and bills within the same Bell operating territory will be settled on a local basis between ACN and the involved company(ies), unless that company is participating in NICS.
- 6.18.2 Both traffic that originates outside the BellSouth region by ACN and is billed within the BellSouth region, and traffic that originates within the BellSouth region and is billed outside the BellSouth region by ACN, is covered by CATS. Also covered is traffic that either is originated by or billed by ACN, involves a company other than ACN, qualifies for inclusion in the CATS settlement, and is not originated or billed within the BellSouth region (NICS).

- 6.18.3 Once ACN is operating within the BellSouth territory, revenues associated with calls originated and billed within the BellSouth region will be settled via NICS.
- 6.18.4 BellSouth will receive the monthly NICS reports from Telcordia on behalf of ACN. BellSouth will distribute copies of these reports to ACN on a monthly basis.
- 6.18.5 BellSouth will receive the monthly CATS reports from Telcordia on behalf of ACN. BellSouth will distribute copies of these reports to ACN on a monthly basis.
- 6.18.6 BellSouth will collect the revenue earned by ACN from the Bell operating company in whose territory the messages are billed via CATS, less a per message billing and collection fee of five cents (\$0.05), on behalf of ACN. BellSouth will remit the revenue billed by ACN to the Bell operating company in whose territory the messages originated, less a per message billing and collection fee of five cents (\$0.05), on behalf on ACN. These two amounts will be netted together by BellSouth and the resulting charge or credit issued to ACN via a monthly Carrier Access Billing System (CABS) miscellaneous bill.
- 6.18.7 BellSouth will collect the revenue earned by ACN within the BellSouth territory from another CLEC also within the BellSouth territory (NICS) where the messages are billed, less a per message billing and collection fee of five cents (\$0.05), on behalf of ACN. BellSouth will remit the revenue billed by ACN within the BellSouth region to the CLEC also within the BellSouth region, where the messages originated, less a per message billing and collection fee of five cents (\$0.05). These two amounts will be netted together by BellSouth and the resulting charge or credit issued to ACN via a monthly CABS miscellaneous bill.
- 6.18.8 BellSouth and ACN agree that monthly netted amounts of less than fifty dollars (\$50.00) will not be settled.

7. OPTIONAL DAILY USAGE FILE

- 7.1 Upon written request from ACN, BellSouth will provide the Optional Daily Usage File (ODUF) service to ACN pursuant to the terms and conditions set forth in this section.
- 7.2 ACN shall furnish all relevant information required by BellSouth for the provision of the ODUF.
- 7.3 The ODUF feed will contain billable messages that were carried over the BellSouth Network and processed in the BellSouth Billing System, but billed to a ACN customer.

- 7.4 Charges for the ODUF will appear on ACNs' monthly bills for the previous month's usage. The charges are as set forth in Attachment 1 Table 1. ACN will be billed at the ODUF rates that are in effect at the end of the previous month.
- 7.5 The ODUF feed will contain both rated and unrated messages. All messages will be in the standard Alliance for Telecommunications Industry Solutions (ATIS) EMI record format.
- 7.6 Messages that error in the billing system of ACN will be the responsibility of ACN. If, however, ACN should encounter significant volumes of errored messages that prevent processing by ACN within its systems, BellSouth will work with ACN to determine the source of the errors and the appropriate resolution.
- 7.7 The following specifications shall apply to the ODUF feed.
 - 7.7.1 ODUF Messages to be Transmitted
 - 7.7.1.1 The following messages recorded by BellSouth will be transmitted to ACN:
 - 7.7.1.1.1 Message recording for per use/per activation type services (examples:
Three -Way Calling, Verify, Interrupt, Call Return, etc.)
 - 7.7.1.1.2 Measured billable Local
 - 7.7.1.1.3 Directory Assistance messages
 - 7.7.1.1.4 IntraLATA Toll
 - 7.7.1.1.5 WATS and 800 Service
 - 7.7.1.1.6 N11
 - 7.7.1.1.7 Information Service Provider Messages
 - 7.7.1.1.8 Operator Services Messages
 - 7.7.1.1.9 Operator Services Message Attempted Calls (Network Element only)
 - 7.7.1.1.10 Credit/Cancel Records
 - 7.7.1.1.11 Usage for Voice Mail Message Service

- 7.7.1.2 Rated Incollects (messages BellSouth receives from other revenue accounting offices) can also be on ODUF. Rated Incollects will be intermingled with BellSouth recorded rated and unrated usage. Rated Incollects will not be packed separately.
- 7.7.1.3 BellSouth will perform duplicate record checks on records processed to ODUF. Any duplicate messages detected will be deleted and not sent to ACN.
- 7.7.1.4 In the event that ACN detects a duplicate on ODUF they receive from BellSouth, ACN will drop the duplicate message and will not return the duplicate to BellSouth.
- 7.7.2 ODUF Physical File Characteristics
 - 7.7.2.1 ODUF will be distributed to ACN via CONNECT:Direct, Secure File Transfer Protocol (FTP) or another mutually agreed medium. The ODUF feed will be a variable block format. The data on the ODUF feed will be in a non-compacted EMI format (175 byte format plus modules). It will be created on a daily basis Monday through Friday except holidays. Details such as dataset name and delivery schedule will be addressed during negotiations of the distribution medium. There will be a maximum of one dataset per workday per OCN.
 - 7.7.2.2 Data circuits (private line or dial-up) will be required between BellSouth and ACN for the purpose of data transmission as set forth in Section 6.10.1 above.
 - 7.7.2.3 If ACN utilizes Secure File Transfer Protocol (FTP) for data file transmission, purchase of the Secure File Transfer Protocol (FTP) software will be the responsibility of ACN.
- 7.7.3 ODUF Packing Specifications
 - 7.7.3.1 A pack will contain a minimum of one message record or a maximum of 99,999 message records plus a pack header record and a pack trailer record. One transmission can contain a maximum of 99 packs and a minimum of one pack.
 - 7.7.3.2 The OCN, From RAO, and Invoice Number will control the invoice sequencing. The From RAO will be used to identify to ACN which BellSouth RAO that is sending the message. BellSouth and ACN will use the invoice sequencing to control data exchange. BellSouth will be notified of sequence failures identified by ACN and resend the data as appropriate.

The data will be packed using ATIS EMI records.

7.7.4 ODUF Pack Rejection

7.7.4.1 ACN will notify BellSouth within one business day of rejected packs (via the mutually agreed medium). Packs could be rejected because of pack sequencing discrepancies or a critical edit failure on the Pack Header or Pack Trailer records (i.e. out-of-balance condition on grand totals, invalid data populated). Standard ATIS EMI error codes will be used. ACN will not be required to return the actual rejected data to BellSouth. Rejected packs will be corrected and retransmitted to ACN by BellSouth.

7.7.5 ODUF Control Data

7.7.5.1 ACN will send one confirmation record per pack that is received from BellSouth. This confirmation record will indicate ACN's receipt of the pack and acceptance or rejection of the pack. Pack Status Code(s) will be populated using standard ATIS EMI error codes for packs that were rejected by ACN for reasons stated in the above section.

7.7.6 ODUF Testing

7.7.6.1 Upon request from ACN, BellSouth shall send ODUF test files to ACN. The Parties agree to review and discuss the ODUF content and/or format. For testing of usage results, BellSouth shall request that ACN set up a production (live) file. The live test may consist of ACN's employees making test calls for the types of services ACN requests on ODUF. These test calls are logged by ACN, and the logs are provided to BellSouth. These logs will be used to verify the files. Testing will be completed within 30 calendar days from the date on which the initial test file was sent.

8. ACCESS DAILY USAGE FILE

8.1 Upon written request from ACN, BellSouth will provide the Access Daily Usage File (ADUF) service to ACN pursuant to the terms and conditions set forth in this section.

8.2 ACN shall furnish all relevant information required by BellSouth for the provision of ADUF.

8.3 ADUF will contain access messages associated with a port that ACN has purchased from BellSouth

8.4 Charges for ADUF will appear on ACN's monthly bills for the previous month's usage. The charges are as set forth in Attachment 1 Table 1. ACN will be billed at the ADUF rates that are in effect at the end of the previous month.

- 8.5 Messages that error in the billing system of ACN will be the responsibility of ACN. If, however, ACN should encounter significant volumes of errored messages that prevent processing by ACN within its systems, BellSouth will work with ACN to determine the source of the errors and the appropriate resolution.
- 8.6 ADUF Messages To Be Transmitted
 - 8.6.1 The following messages recorded by BellSouth will be transmitted to ACN:
 - 8.6.1.1 Recorded originating and terminating interstate and intrastate access records associated with a port.
 - 8.6.1.2 Recorded terminating access records for undetermined jurisdiction access records associated with a port.
 - 8.6.2 BellSouth will perform duplicate record checks on records processed to ADUF. Any duplicate messages detected will be dropped and not sent to ACN.
 - 8.6.3 In the event that ACN detects a duplicate on ADUF they receive from BellSouth, ACN will drop the duplicate message and will not return the duplicate to BellSouth.
 - 8.6.4 ADUF Physical File Characteristics
 - 8.6.4.1 ADUF will be distributed to ACN via CONNECT:Direct, Secure File Transfer Protocol (FTP) or another mutually agreed medium. The ADUF feed will be a fixed block format. The data on the ADUF feed will be in a non-compacted EMI format (210 byte). It will be created on a daily basis Monday through Friday except holidays. Details such as dataset name and delivery schedule will be addressed during negotiations of the distribution medium. There will be a maximum of one dataset per workday per OCN.
 - 8.6.4.2 Data circuits (private line or dial-up) will be required between BellSouth and ACN for the purpose of data transmission as set forth in Section 6.10.1 above.
 - 8.6.4.3 If ACN utilizes Secure File Transfer Protocol (FTP) for data file transmission, purchase of the Secure File Transfer Protocol (FTP) software will be the responsibility of ACN.
 - 8.6.5 ADUF Packing Specifications
 - 8.6.5.1 A pack will contain a minimum of one message record or a maximum of 99,999 message records plus a pack header record and a pack trailer

record. One transmission can contain a maximum of 99 packs and a minimum of one pack.

- 8.6.5.2 The OCN, From RAO, and Invoice Number will control the invoice sequencing. The From RAO will be used to identify to ACN which BellSouth RAO is sending the message. BellSouth and ACN will use the invoice sequencing to control data exchange. BellSouth will be notified of sequence failures identified by ACN and resend the data as appropriate.

The data will be packed using ATIS EMI records.

8.6.6 ADUF Pack Rejection

- 8.6.6.1 ACN will notify BellSouth within one business day of rejected packs (via the mutually agreed medium). Packs could be rejected because of pack sequencing discrepancies or a critical edit failure on the Pack Header or Pack Trailer records (i.e. out-of-balance condition on grand totals, invalid data populated). Standard ATIS EMI error codes will be used. ACN will not be required to return the actual rejected data to BellSouth. Rejected packs will be corrected and retransmitted to ACN by BellSouth.

8.6.7 ADUF Control Data

- 8.6.7.1 ACN will send one confirmation record per pack that is received from BellSouth. This confirmation record will indicate ACN's receipt of the pack and acceptance or rejection of the pack. Pack Status Code(s) will be populated using standard ATIS EMI error codes for packs that were rejected by ACN for reasons stated in the above section.

8.6.8 ADUF Testing

- 8.6.8.1 Upon request from ACN, BellSouth shall send a test file of generic data to ACN via Connect:Direct or Text File via E-Mail. The Parties agree to review and discuss the test file's content and/or format.

9. ENHANCED OPTIONAL DAILY USAGE FILE (EODUF)

- 9.1 Upon written request from ACN, BellSouth will provide the Enhanced Optional Daily Usage File (EODUF) service to ACN pursuant to the terms and conditions set forth in this section. EODUF will only be sent to existing ODUF subscribers who request the EODUF option.
- 9.2 ACN shall furnish all relevant information required by BellSouth for the provision of the Enhanced Optional Daily Usage File.

- 9.3 The Enhanced Optional Daily Usage File (EODUF) will provide usage data for local calls originating from resold Flat Rate Business and Residential Lines.
- 9.4 Charges for delivery of the Enhanced Optional Daily Usage File will appear on ACN's monthly bills for the previous month's usage. The charges are as set forth in Attachment 1 Table 1. ACN will be billed at the EODUF rates that are in effect at the end of the previous month.
- 9.5 All messages will be in the standard Alliance for Telecommunications Industry Solutions (ATIS) EMI record format.
- 9.6 Messages that error in the billing system of ACN will be the responsibility of ACN. If, however, ACN should encounter significant volumes of errored messages that prevent processing by ACN within its systems, BellSouth will work with ACN to determine the source of the errors and the appropriate resolution.
- 9.7 The following specifications shall apply to the EODUF feed.
 - 9.7.1 Usage To Be Transmitted
 - 9.7.1.1 The following messages recorded by BellSouth will be transmitted to ACN:
 - 9.7.1.1.1 Customer usage data for flat rated local call originating from ACN's End User lines (1FB or 1FR). The EODUF record for flat rate messages will include:
 - 9.7.1.1.2 Date of Call
 - 9.7.1.1.3 From Number
 - 9.7.1.1.4 To Number
 - 9.7.1.1.5 Connect Time
 - 9.7.1.1.6 Conversation Time
 - 9.7.1.1.7 Method of Recording
 - 9.7.1.1.8 From RAO
 - 9.7.1.1.9 Rate Class
 - 9.7.1.1.10 Message Type

- 9.7.1.1.11 Billing Indicators
- 9.7.1.1.12 Bill to Number
- 9.7.1.2 BellSouth will perform duplicate record checks on EODUF records processed to Optional Daily Usage File. Any duplicate messages detected will be deleted and not sent to ACN.
- 9.7.1.3 In the event that ACN detects a duplicate on Enhanced Optional Daily Usage File they receive from BellSouth, ACN will drop the duplicate message (ACN will not return the duplicate to BellSouth).
- 9.7.2 Physical File Characteristics
 - 9.7.2.1 The EODUF feed will be distributed to ACN over their existing Optional Daily Usage File (ODUF) feed. The EODUF messages will be intermingled among ACN's Optional Daily Usage File (ODUF) messages. The EODUF will be a variable block format (2476) with an LRECL of 2472. The data on the EODUF will be in a non-compacted EMI format (175 byte format plus modules). It will be created on a daily basis (Monday through Friday except holidays).
 - 9.7.2.2 Data circuits (private line or dial-up) may be required between BellSouth and ACN for the purpose of data transmission. Where a dedicated line is required, ACN will be responsible for ordering the circuit, overseeing its installation and coordinating the installation with BellSouth. ACN will also be responsible for any charges associated with this line. Equipment required on the BellSouth end to attach the line to the mainframe computer and to transmit successfully ongoing will be negotiated on an individual case basis. Where a dial-up facility is required, dial circuits will be installed in the BellSouth data center by BellSouth and the associated charges assessed to ACN. Additionally, all message toll charges associated with the use of the dial circuit by ACN will be the responsibility of ACN. Associated equipment on the BellSouth end, including a modem, will be negotiated on an individual case basis between the Parties. All equipment, including modems and software, that is required on ACN's end for the purpose of data transmission will be the responsibility of ACN.
- 9.7.3 Packing Specifications
 - 9.7.3.1 A pack will contain a minimum of one message record or a maximum of 99,999 message records plus a pack header record and a pack trailer record. One transmission can contain a maximum of 99 packs and a minimum of one pack.
 - 9.7.3.2 The Operating Company Number (OCN), From Revenue Accounting Office (RAO), and Invoice Number will control the invoice sequencing.

The From RAO will be used to identify to ACN which BellSouth RAO is sending the message. BellSouth and ACN will use the invoice sequencing to control data exchange. BellSouth will be notified of sequence failures identified by ACN and resend the data as appropriate.

9.7.3.3 The data will be packed using ATIS EMI records.

Appendix 1

BellSouth Disaster Recovery Plan

1.0 PURPOSE

In the unlikely event of a disaster occurring that affects BellSouth's long-term ability to deliver traffic to a Competitive Local Exchange Carrier (CLEC), general procedures have been developed by BellSouth to hasten the recovery process in accordance with the Telecommunications Service Priority (TSP) Program established by the Federal Communications Commission to identify and prioritize telecommunication services that support national security or emergency preparedness (NS/EP) missions. Since each location is different and could be affected by an assortment of potential problems, a detailed recovery plan is impractical. However, in the process of reviewing recovery activities for specific locations, some basic procedures emerge that appear to be common in most cases.

These general procedures should apply to any disaster that affects the delivery of traffic for an extended time period. Each CLEC will be given the same consideration during an outage, and service will be restored as quickly as possible.

This document will cover the basic recovery procedures that would apply to every CLEC.

2.0 SINGLE POINT OF CONTACT

When a problem is experienced, regardless of the severity, the BellSouth Network Management Center (NMC) will observe traffic anomalies and begin monitoring the situation. Controls will be appropriately applied to insure the sanity of BellSouth's network; and, in the event that a switch or facility node is lost, the NMC will attempt to circumvent the failure using available reroutes.

BellSouth's NMC will remain in control of the restoration efforts until the problem has been identified as being a long-term outage. At that time, the NMC will contact BellSouth's Emergency Control Center (ECC) and relinquish control of the recovery efforts. Even though the ECC may take charge of the situation, the NMC will continue to monitor the circumstances and restore traffic as soon as damaged network elements are revitalized.

The telephone number for the BellSouth Network Management Center in Atlanta, as published in Telcordia's National Network Management Directory, is 404-321-2516.

3.0 IDENTIFYING THE PROBLEM

During the early stages of problem detection, the NMC will be able to tell which CLECs are affected by the catastrophe. Further analysis and/or first hand observation will determine if the disaster has affected CLEC equipment only, BellSouth equipment only or a combination. The initial restoration activity will be largely determined by the equipment that is affected.

Once the nature of the disaster is determined and after verifying the cause of the problem, the NMC will initiate reroutes and/or transfers that are jointly agreed upon by the affected CLECs' Network Management Center and the BellSouth NMC. The type and percentage of controls used

will depend upon available network capacity. Controls necessary to stabilize the situation will be invoked and the NMC will attempt to re-establish as much traffic as possible.

For long-term outages, recovery efforts will be coordinated by the Emergency Control Center (ECC). Traffic controls will continue to be applied by the NMC until facilities are re-established. As equipment is made available for service, the ECC will instruct the NMC to begin removing the controls and allow traffic to resume.

3.1 SITE CONTROL

In the total loss of building use scenario, what likely exists will be a smoking pile of rubble. This rubble will contain many components that could be dangerous. It could also contain any personnel on the premises at the time of the disaster. For these reasons, the local fire marshal with the assistance of the police will control the site until the building is no longer a threat to surrounding properties and the companies have secured the site from the general public.

During this time, the majority owner of the building should be arranging for a demolition contractor to mobilize to the site with the primary objective of reaching the cable entrance facility for a damage assessment. The results of this assessment would then dictate immediate plans for restoration, both short term and permanent.

In a less catastrophic event, i.e., the building is still standing and the cable entrance facility is usable, the situation is more complex. The site will initially be controlled by local authorities until the threat to adjacent property has diminished. Once the site is returned to the control of the companies, the following events should occur.

An initial assessment of the main building infrastructure systems (mechanical, electrical, fire and life safety, elevators, and others) will establish building needs. Once these needs are determined, the majority owner should lead the building restoration efforts. There may be situations where the site will not be totally restored within the confines of the building. The companies must individually determine their needs and jointly assess the cost of permanent restoration to determine the overall plan of action.

Multiple restoration trailers from each company will result in the need for designated space and installation order. This layout and control is required to maximize the amount of restoration equipment that can be placed at the site, and the priority of placements.

Care must be taken in this planning to ensure other restoration efforts have logistical access to the building. Major components of telephone and building equipment will need to be removed and replaced. A priority for this equipment must also be jointly established to facilitate overall site restoration. (Example: If the AC switchgear has sustained damage, this would be of the highest priority in order to regain power, lighting, and HVAC throughout the building.)

If the site will not accommodate the required restoration equipment, the companies would then need to quickly arrange with local authorities for street closures, rights of way or other possible options available.

3.2 ENVIRONMENTAL CONCERNS

In the worse case scenario, many environmental concerns must be addressed. Along with the police and fire marshal, the state environmental protection department will be on site to monitor the situation.

Items to be concerned with in a large central office building could include:

1. Emergency engine fuel supply. Damage to the standby equipment and the fuel handling equipment could have created "spill" conditions that have to be handled within state and federal regulations.
2. Asbestos-containing materials that may be spread throughout the wreckage. Asbestos could be in many components of building, electrical, mechanical, outside plant distribution, and telephone systems.
3. Lead and acid. These materials could be present in potentially large quantities depending upon the extent of damage to the power room.
4. Mercury and other regulated compounds resident in telephone equipment.
5. Other compounds produced by the fire or heat.

Once a total loss event occurs at a large site, local authorities will control immediate clean up (water placed on the wreckage by the fire department) and site access.

At some point, the companies will become involved with local authorities in the overall planning associated with site clean up and restoration. Depending on the clean up approach taken, delays in the restoration of several hours to several days may occur.

In a less severe disaster, items listed above are more defined and can be addressed individually depending on the damage.

In each case, the majority owner should coordinate building and environmental restoration as well as maintain proper planning and site control.

4.0 THE EMERGENCY CONTROL CENTER (ECC)

The ECC is located in the Midtown 1 Building in Atlanta, Georgia. During an emergency, the ECC staff will convene a group of pre-selected experts to inventory the damage and initiate corrective actions. These experts have regional access to BellSouth's personnel and equipment and will assume control of the restoration activity anywhere in the nine-state area.

In the past, the ECC has been involved with restoration activities resulting from hurricanes, ice storms and floods. They have demonstrated their capabilities during these calamities as well as during outages caused by human error or equipment failures. This group has an excellent record of restoring service as quickly as possible.

During a major disaster, the ECC may move emergency equipment to the affected location, direct recovery efforts of local personnel and coordinate service restoration activities with the CLECs. The ECC will attempt to restore service as quickly as possible using whatever means is available, leaving permanent solutions, such as the replacement of damaged buildings or equipment, for local personnel to administer.

Part of the ECC's responsibility, after temporary equipment is in place, is to support the NMC efforts to return service to the CLECs. Once service has been restored, the ECC will return control of the network to normal operational organizations. Any long-term changes required after service is restored will be made in an orderly fashion and will be conducted as normal activity.

5.0 RECOVERY PROCEDURES

The nature and severity of any disaster will influence the recovery procedures. One crucial factor in determining how BellSouth will proceed with restoration is whether or not BellSouth's equipment is incapacitated. Regardless of whose equipment is out of service, BellSouth will move as quickly as possible to aid with service recovery; however, the approach that will be taken may differ depending upon the location of the problem.

5.1 CLEC OUTAGE

For a problem limited to one CLEC (or a building with multiple CLECs), BellSouth has several options available for restoring service quickly. For those CLECs that have agreements with other CLECs, BellSouth can immediately start directing traffic to a provisional CLEC for completion. This alternative is dependent upon BellSouth having concurrence from the affected CLECs.

Whether or not the affected CLECs have requested a traffic transfer to another CLEC will not impact BellSouth's resolve to re-establish traffic to the original destination as quickly as possible.

5.2 BELL SOUTH OUTAGE

Because BellSouth's equipment has varying degrees of impact on the service provided to the CLECs, restoring service from damaged BellSouth equipment is different. The outage will probably impact a number of Carriers simultaneously. However, the ECC will be able to initiate immediate actions to correct the problem.

A disaster involving any of BellSouth's equipment locations could impact the CLECs, some more than others. A disaster at a Central Office (CO) would only impact the delivery of traffic to and from that one location, but the incident could affect many Carriers. If the Central Office is a Serving Wire Center (SWC), then traffic from the entire area to those Carriers served from that switch would also be impacted. If the switch functions as an Access Tandem, or there is a tandem in the building, traffic from every CO to every CLEC could be interrupted. A disaster that destroys a facility hub could disrupt various traffic flows, even though the switching equipment may be unaffected.

The NMC would be the first group to observe a problem involving BellSouth's equipment. Shortly after a disaster, the NMC will begin applying controls and finding re-routes for the completion of as much traffic as possible. These reroutes may involve delivering traffic to alternate Carriers upon receiving approval from the CLECs involved. In some cases, changes in translations will be

required. If the outage is caused by the destruction of equipment, then the ECC will assume control of the restoration.

5.2.1 Loss of a Central Office

When BellSouth loses a Central Office, the ECC will

- a) Place specialists and emergency equipment on notice;
- b) Inventory the damage to determine what equipment and/or functions are lost;
- c) Move containerized emergency equipment and facility equipment to the stricken area, if necessary;
- d) Begin reconnecting service on a parity basis for Hospitals, Police and other emergency agencies or End Users served by BellSouth or CLEC in accordance with the TSP priority restoration coding scheme entered in the BellSouth Maintenance database immediately prior to the emergency.

5.2.2 Loss of a Central Office with Serving Wire Center Functions

The loss of a Central Office that also serves as a Serving Wire Center (SWC) will be restored as described in Section 5.2.1.

5.2.3 Loss of a Central Office with Tandem Functions

When BellSouth loses a Central Office building that serves as an Access Tandem and as a SWC, the ECC will

- a) Place specialists and emergency equipment on notice;
- b) Inventory the damage to determine what equipment and/or functions are lost;
- c) Move containerized emergency equipment and facility equipment to the stricken area, if necessary;
- d) Begin reconnecting service on a parity basis for Hospitals, Police and other emergency agencies or End Users served by BellSouth or CLEC in accordance with the TSP priority restoration coding scheme entered in the BellSouth Maintenance database immediately prior to the emergency;
- e) Re-direct as much traffic as possible to the alternate access tandem (if available) for delivery to those CLECs utilizing a different location as a SWC;
- f) Begin aggregating traffic to a location near the damaged building. From this location, begin re-establishing trunk groups to the CLECs for the delivery of traffic normally found on the direct trunk groups. (This aggregation point may be the alternate access tandem location or another CO on a primary facility route.)

5.2.4 Loss of a Facility Hub

In the event that BellSouth loses a facility hub, the recovery process is much the same as above. Once the NMC has observed the problem and administered the appropriate controls, the ECC will assume authority for the repairs. The recovery effort will include

- a) Placing specialists and emergency equipment on notice;
- b) Inventorying the damage to determine what equipment and/or functions are lost;
- c) Moving containerized emergency equipment to the stricken area, if necessary;
- d) Reconnecting service on a parity basis for Hospitals, Police and other emergency agencies or End Users served by BellSouth or CLEC in accordance with the TSP priority restoration coding scheme entered in the BellSouth Maintenance database immediately prior to the emergency; and
- e) If necessary, BellSouth will aggregate the traffic at another location and build temporary facilities. This alternative would be viable for a location that is destroyed and building repairs are required.

5.3 COMBINED OUTAGE (CLEC AND BELL SOUTH EQUIPMENT)

In some instances, a disaster may impact BellSouth's equipment as well as the CLECs'. This situation will be handled in much the same way as described in Section 5.2.3. Since BellSouth and the CLECs will be utilizing temporary equipment, close coordination will be required.

6.0 T1 IDENTIFICATION PROCEDURES

During the restoration of service after a disaster, BellSouth may be forced to aggregate traffic for delivery to a CLEC. During this process, T1 traffic may be consolidated onto DS3s and may become unidentifiable to the Carrier. Because resources will be limited, BellSouth may be forced to "package" this traffic entirely differently than normally received by the CLECs. Therefore, a method for identifying the T1 traffic on the DS3s and providing the information to the Carriers is required.

7.0 ACRONYMS

CLEC	-	Competitive Local Exchange Carrier
CO	-	Central Office (BellSouth)
DS3	-	Facility that carries 28 T1s (672 circuits)
ECC	-	Emergency Control Center (BellSouth)
NMC	-	Network Management Center
SWC	-	Serving Wire Center (BellSouth switch)
T1	-	Facility that carries 24 circuits
TSP	-	Telecommunications Service Priority

8.0 Hurricane Information

During a hurricane, BellSouth will make every effort to keep CLECs updated on the status of our network. Information centers will be set up throughout BellSouth Telecommunications. These centers are not intended to be used for escalations, but rather to keep the CLEC informed of network related issues, area damages and dispatch conditions, etc.

Hurricane-related information can also be found on line at http://www.interconnection.bellsouth.com/network/disaster/dis_resp.htm. Information concerning Mechanized Disaster Reports can also be found at this website by clicking on CURRENT MDR REPORTS or by going directly to <http://www.interconnection.bellsouth.com/network/disaster/mdrs.htm>.

9.0 BST Disaster Management Plan

BellSouth maintenance centers have geographical and redundant communication capabilities. In the event of a disaster removing any maintenance center from service another geographical center would assume maintenance responsibilities. The contact numbers will not change and the transfer will be transparent to the CLEC.

Optional Daily Usage File

1. Upon written request from ACN, BellSouth will provide the Optional Daily Usage File (ODUF) service to ACN pursuant to the terms and conditions set forth in this section.
2. ACN shall furnish all relevant information required by BellSouth for the provision of the ODUF.
3. The ODUF feed will contain billable messages that were carried over the BellSouth Network and processed in the BellSouth Billing System, but billed to a ACN customer.
4. Charges for ODUF will appear on ACN's monthly bills. The charges are as set forth in Exhibit E to this Attachment. ODUF charges are billed once a month for the previous month's usage. ACN will be billed at the ODUF rates that are in effect at the end of the previous month.
5. The ODUF feed will contain both rated and unrated messages. All messages will be in the standard Alliance for Telecommunications Industry Solutions (ATIS) EMI record format.
- 5.1 Messages that error in ACN's billing system will be the responsibility of ACN. If, however, ACN should encounter significant volumes of errored messages that prevent processing by ACN within its systems, BellSouth will work with ACN to determine the source of the errors and the appropriate resolution.
6. The following specifications shall apply to the ODUF feed.
 - 6.1 ODUF Message to be Transmitted
 - 6.1.1 The following messages recorded by BellSouth will be transmitted to ACN:
 - Message recording for per use/per activation type services (examples: Three Way Calling, Verify, Interrupt, Call Return, etc.)
 - Measured billable Local
 - Directory Assistance messages
 - IntraLATA Toll
 - WATS and 800 Service
 - N11
 - Information Service Provider Messages
 - Operator Services Messages
 - Credit/Cancel Records
 - Usage for Voice Mail Message Service

- 6.1.2 Rated Incollects (originated in BellSouth and from other companies) can also be on ODUF. Rated Incollects will be intermingled with BellSouth recorded rated and unrated usage. Rated Incollects will not be packed separately.
- 6.1.3 BellSouth will perform duplicate record checks on records processed to ODUF. Any duplicate messages detected will be deleted and not sent to ACN.
- 6.1.4 In the event that ACN detects a duplicate on ODUF they receive from BellSouth, ACN will drop the duplicate message and will not return the duplicate to BellSouth).
- 6.2 ODUF Physical File Characteristics
 - 6.2.1 The ODUF will be distributed to ACN via CONNECT:Direct or Secure File Transfer Protocol (FTP) or another mutually agreed medium. The ODUF feed will be a variable block format. The data on the ODUF feed will be in a non-compacted EMI format (175 byte format plus modules). It will be created on a daily basis Monday through Friday except holidays. Details such as dataset name and delivery schedule will be addressed during negotiations of the distribution medium. There will be a maximum of one dataset per workday per OCN.
 - 6.2.2 Data circuits (private line or dial-up) will be required between BellSouth and ACN for the purpose of data transmission when utilizing CONNECT:Direct. Where a dedicated line is required, ACN will be responsible for ordering the circuit, overseeing its installation and coordinating the installation with BellSouth. ACN will also be responsible for any charges associated with this line. Equipment required on the BellSouth end to attach the line to the mainframe computer and to transmit data will be negotiated on an individual case basis. Where a dial-up facility is required, dial circuits will be installed in the BellSouth data center by BellSouth and the associated charges assessed to ACN. Additionally, all message toll charges associated with the use of the dial circuit by ACN will be the responsibility of ACN. Associated equipment on the BellSouth end, including a modem, will be negotiated on an individual case basis between the Parties. All equipment, including modems and software, that is required on ACN end for the purpose of data transmission will be the responsibility of ACN.
 - 6.2.3 If ACN utilizes Secure File Transfer Protocol (FTP) for data file transmission, purchase of the Secure File Transfer Protocol (FTP) software will be the responsibility of ACN.
- 6.3 ODUF Packing Specifications
 - 6.3.1 A pack will contain a minimum of one message record or a maximum of 99,999 message records plus a pack header record and a pack trailer record. One transmission can contain a maximum of 99 packs and a minimum of one pack.
 - 6.3.2 The OCN, From RAO, and Invoice Number will control the invoice sequencing. The From RAO will be used to identify to ACN which BellSouth RAO is sending the message. BellSouth and ACN will use the invoice sequencing to control data exchange. BellSouth will be notified of sequence failures identified by ACN and resend the data as appropriate.

The data will be packed using ATIS EMI records.

6.4 ODUF Pack Rejection

- 6.4.1 ACN will notify BellSouth within one business day of rejected packs (via the mutually agreed medium). Packs could be rejected because of pack sequencing discrepancies or a critical edit failure on the Pack Header or Pack Trailer records (i.e. out-of-balance condition on grand totals, invalid data populated). Standard ATIS EMI Error Codes will be used. ACN will not be required to return the actual rejected data to BellSouth. Rejected packs will be corrected and retransmitted to ACN by BellSouth.

6.5 ODUF Control Data

ACN will send one confirmation record per pack that is received from BellSouth. This confirmation record will indicate ACN received the pack and the acceptance or rejection of the pack. Pack Status Code(s) will be populated using standard ATIS EMI error codes for packs that were rejected by ACN for reasons stated in the above section.

6.6 ODUF Testing

- 6.6.1 Upon request from ACN, BellSouth shall send test files to ACN for the ODUF. The Parties agree to review and discuss the file's content and/or format. For testing of usage results, BellSouth shall request that ACN set up a production (live) file. The live test may consist of ACN's employees making test calls for the types of services ACN requests on the ODUF. These test calls are logged by ACN, and the logs are provided to BellSouth. These logs will be used to verify the files. Testing will be completed within 30 calendar days from the date on which the initial test file was sent.

Enhanced Optional Daily Usage File

1. Upon written request from ACN, BellSouth will provide the Enhanced Optional Daily Usage File (EODUF) service to ACN pursuant to the terms and conditions set forth in this section. EODUF will only be sent to existing ODUF subscribers who request the EODUF option.
2. ACN shall furnish all relevant information required by BellSouth for the provision of the EODUF.
3. The EODUF will provide usage data for local calls originating from resold Flat Rate Business and Residential Lines.
4. Charges for delivery of the EODUF will appear on ACN's monthly bills. EODUF charges are billed at the EODUF rates that are in effect at the end of the previous month. The charges are as set forth in Exhibit E to this Attachment.
5. All messages will be in the standard Alliance for Telecommunications Industry Solutions (ATIS) EMI record format.
6. Messages that error in the billing system of ACN will be the responsibility of ACN. If, however, ACN should encounter significant volumes of errored messages that prevent processing by ACN within its systems, BellSouth will work with ACN to determine the source of the errors and the appropriate resolution.
7. The following specifications shall apply to the EODUF feed.

7.1 Usage To Be Transmitted

- 7.1.1 The following messages recorded by BellSouth will be transmitted to ACN:

Customer usage data for flat rated local call originating from ACN's End User lines (1FB or 1FR). The EODUF record for flat rate messages will include:

Date of Call
 From Number
 To Number
 Connect Time
 Conversation Time
 Method of Recording
 From RAO
 Rate Class
 Message Type
 Billing Indicators
 Bill to Number

- 7.1.2 BellSouth will perform duplicate record checks on EODUF records processed to O DUF. Any duplicate messages detected will be deleted and not sent to ACN.
- 7.1.3 In the event that ACN detects a duplicate on EODUF they receive from BellSouth, ACN will drop the duplicate message (ACN will not return the duplicate to BellSouth).

7.2 Physical File Characteristics

- 7.2.1 The EODUF feed will be distributed to ACN via Connect: Direct, Secure File Transfer Protocol (FTP) or another mutually agreed medium. The EODUF messages will be intermingled among ACN's Optional Daily Usage File (ODUF) messages. The EODUF will be a variable block format. The data on the EODUF will be in a non-compacted EMI format (175 byte format plus modules). It will be created on a daily basis Monday through Friday except holiday.
- 7.2.2 Data circuits (private line or dial-up) may be required between BellSouth and ACN for the purpose of data transmission as set forth in Section 6.2.2 above.
- 7.2.3 If ACN utilizes Secure File Transfer Protocol (FTP) for data file transmission, purchase of the Secure File Transfer Protocol (FTP) software will be the responsibility of ACN.

7.3 Packing Specifications

- 7.3.1 A pack will contain a minimum of one message record or a maximum of 99,999 message records plus a pack header record and a pack trailer record. One transmission can contain a maximum of 99 packs and a minimum of one pack.
- 7.3.2 The OCN, From (RAO), and Invoice Number will control the invoice sequencing. The From RAO will be used to identify to ACN which BellSouth RAO is sending the message. BellSouth and ACN will use the invoice sequencing to control data exchange. BellSouth will be notified of sequence failures identified by ACN and resend the data as appropriate.

The data will be packed using ATIS EMI Records.

ODUF/ADUF/CMDS - Alabama												Attachment: 7		Exhibit: A		
CATEGORY	RATE ELEMENTS	Interim	Zone	BCS	USOC	RATES (\$)	Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l				
						Rec	Nonrecurring		Nonrecurring Disconnect		OSS Rates (\$)					
							First	Add'l	First	Add'l	SOMEC	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN
ODUF/ADUF/CMDS																
	ACCESS DAILY USAGE FILE (ADUF)															
	ADUF: Message Processing, per message					0.007037										
	ADUF: Data Transmission (CONNECT:DIRECT), per message					0.000113										
	OPTIONAL DAILY USAGE FILE (ODUF)															
	ODUF: Recording, per message					0.000011										
	ODUF: Message Processing, per message					0.004101										
	ODUF: Message Processing, per Magnetic Tape provisioned					42.67										
	ODUF: Data Transmission (CONNECT:DIRECT), per message					0.000094										
	CENTRALIZED MESSAGE DISTRIBUTION SERVICE (CMDS)															
	CMDS: Message Processing, per message					0.004										
	CMDS: Data Transmission (CONNECT:DIRECT), per message					0.001										
Notes: If no rate is identified in the contract, the rate for the specific service or function will be as set forth in applicable BellSouth tariff or as negotiated by the Parties upon request by either Party.																

**Amendment
To the
Interconnection Agreement
Between
ACN Communications Services, Inc.
and
BellSouth Telecommunications, Inc.
Dated January 17, 2004**

Pursuant to this Amendment, (the "Amendment"), ACN Communications Services, Inc. (ACN), and BellSouth Telecommunications, Inc. ("BellSouth"), hereinafter referred to collectively as the "Parties," hereby agree to amend that certain Interconnection Agreement between the Parties dated January 17, 2004 ("Agreement") to be effective the date of the last signature executing this Amendment.

WHEREAS, BellSouth and ACN entered into the Agreement on January 17, 2004, and;

WHEREAS, BellSouth and ACN are amending the Agreement to modify Local Number Portability (LNP) recovery charge pursuant to the Order in the matter of the Telephone Number Portability BellSouth Corporation Petition for Declaratory Ruling and/or Waiver, CC Docket No. 95-116, released April 13, 2004;

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, the Parties hereby covenant and agree as follows:

1. The Parties agree to delete in their entirety all rate elements and USOCs identified as "Local Number Portability charges" in Exhibit A of Attachment 2, as specified by the following USOCs: LNPCX, LNPCP, LNPCN, and LNPCC.
2. The Parties agree to add the following language to Section 4 as Section 4.1.1 of Attachment 2 and Section 5 as Section 5.4.5 of Attachment 2:
 - In addition to other charges specified in this Agreement for Local Number Portability ACN shall pay to BellSouth the Local Number Portability charges as set forth in Section 13 of the BellSouth FCC No. 1 Tariff;
3. All of the other provisions of the Agreement dated January 17, 2004 shall remain unchanged and in full force and effect.
4. Either or both of the Parties are authorized to submit this Amendment to the respective state regulatory authorities for approval subject to Section 252(e) of the Federal Telecommunications Act of 1996.

IN WITNESS WHEREOF, the Parties have executed this Agreement the day and year written below.

BellSouth Telecommunications, Inc.

By: Kristen E. Rowe

Name: Kristen E. Rowe

Title: Director

Date: 08/05/04

ACN Communications Services, Inc.

By: Dave Stevanovsk

Name: Dave Stevanovsk

Title: President

Date: Aug. 2, 2004

**Amendment to the Agreement
Between
ACN Communications Services, Inc.
and
BellSouth Telecommunications, Inc.
Dated January 17, 2004**

Pursuant to this Amendment, (the "Amendment"), ACN Communications Services, Inc. ("ACN"), and BellSouth Telecommunications, Inc. ("BellSouth"), hereinafter referred to collectively as the "Parties," hereby agree to amend that certain Interconnection Agreement between the Parties dated January 17, 2004 ("Agreement") to be effective 30 days after the date of the last signature executing the Amendment.

WHEREAS, BellSouth and ACN entered into the Agreement on January 17, 2004, and;

WHEREAS, both Parties agree that an initial New Installation of a 2-Wire Port/Loop Combination- Residence line provisioned at a Location where QuickServe is available on the line shall incur a QuickServe Non-Recurring Charge (NRC) at the NRC Currently Combined Conversion Rate set forth in the Agreement and that any initial New Installation of a 2-Wire Port/Loop Combination - Residence line provisioned at a location where QuickServe is not available, shall incur the Not Currently Combined NRC, First and Additional rates set forth in the Agreement;

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, the Parties hereby covenant and agree as follows:

1. The Parties agree to incorporate into Attachment 2 of the Agreement the rates and USOCs as set forth in Exhibit 1 of this Amendment attached hereto and incorporated herein by this reference.
2. All of the other provisions of the Agreement, dated January 17, 2004, shall remain in full force and effect.
3. Either or both of the Parties are authorized to submit this Amendment to the respective state regulatory authorities for approval subject to Section 252(e) of the Federal Telecommunications Act of 1996.

IN WITNESS WHEREOF, the Parties have executed this Amendment the day and year written below.

BellSouth Telecommunications, Inc.

By: Kristen Rowe

Name: Kristen Rowe

Title: Director

Date: 12/16/04

ACN Communications Services, Inc.

By: Dave Stevanuski

Name: Dave Stevanuski

Title: COO

Date: 12/12/04

Version: QuickServe Amendment – Standard ICA
09/29/04

[CCCS Amendment 2 of 4]

UNBUNDLED NETWORK ELEMENTS - Alabama											Attachment: 2		Exhibit: A							
CATEGORY	RATE ELEMENTS	Interim	Zone	BCS	USOC	RATES (\$)	Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l								
						Rec	Nonrecurring		Nonrecurring Disconnect		OSS Rates (\$)									
							First	Add'l	First	Add'l	SOME C	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN				
UNBUNDLED PORT/LOOP COMBINATIONS - COST BASED RATES																				
	NONRECURRING CHARGES (NRCs) - CURRENTLY COMBINED																			
	2-Wire Voice Grade Loop / Line Port Platform - Installation Charge at QuickService location - Not Conversion of Existing Service																			
				UEPRX	URECC		0.10													

[illegible]

**Amendment to the Agreement
Between
ACN Communications Services, Inc.
and
BellSouth Telecommunications, Inc.
Dated January 17, 2004**

Pursuant to this Amendment, (the "Amendment"), ACN Communications Services, Inc. (ACN), and BellSouth Telecommunications, Inc. (BellSouth), hereinafter referred to collectively as the "Parties", hereby agree to amend that certain Interconnection Agreement between the Parties dated January 17, 2004 (Agreement).

WHEREAS, BellSouth and ACN have entered into good faith negotiations pursuant to the Act to renegotiate an interconnection agreement (New Agreement) to replace the existing Agreement between the Parties, which expired on June 16, 2005; and

WHEREAS, the Parties desire to extend the term of the Agreement; and

WHEREAS, on April 20, 2006, the Alabama Public Service Commission (Commission) issued its Order in Docket No. 29543 (Order), Petition Regarding the Establishment of a Generic Proceeding on Change of Law and Nondiscriminatory Pricing for UNEs; and

WHEREAS, the Parties are obligated to amend the Agreement to bring it in compliance with the Commission's Order;

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, the Parties hereby covenant and agree as follows:

1. The Parties hereby agree to extend the term of the Agreement by ninety (90) days following the date of the last signature of this Amendment. Other than the modification of the expiration date as described in this Amendment, all provisions in the General Terms and Conditions of the Agreement relating to the term and termination of the Agreement remain in full force and effect.
2. The Parties hereby agree to incorporate into the Agreement the contract provisions set forth in Exhibit A hereto, and such contract provisions shall apply to services provided in the State of Alabama only.
3. The Parties hereby agree to incorporate into the Agreement the rates set forth in Exhibit B and C hereto, and such rates shall apply to services provided in the State of Alabama only.
4. To the extent that such contract provisions or rates as set forth in Exhibits A, B and C hereto conflict with any other rates, terms and conditions in the Agreement, the contract provisions and rates in Exhibits A, B and C shall prevail in the State of Alabama.
5. The Parties hereby agree to delete the following rates from Attachment 3, Exhibit A of the Agreement:

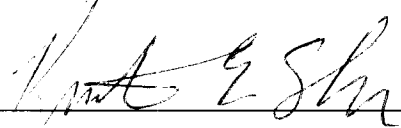
8XX Access Ten Digit Screening
Line Information Data Base (LIDB) Access
Calling Name (CNAM) Service
Unbundled Local Switching
Unbundled Port/loop Combinations
Selective Routing
AIN Selective Carrier Routing
AIN – BellSouth AIN SIMS Access Service

6. The Parties also hereby agree to delete the following provisions and associated rates from Attachment 7 of the Agreement:

Optional Daily Usage File (ODUF);
Access Daily Usage File (ADUF);
Enhanced Optional Daily Usage File (EODUF) in their entirety
7. Further, to the extent that defined terms in this Amendment differ from defined terms in the Agreement, such defined terms in the Agreement shall be deemed to have the same meaning as the alternative defined terms in this Amendment to the extent necessary to give full effect to this Amendment consistent with the Alabama Public Service Commission's Orders.
8. This Amendment shall be shall be deemed effective on March 11, 2006 (Effective Date).
9. All of the other provisions of the Agreement shall remain in full force and effect.
10. Either or both of the Parties are authorized to submit this Amendment to the respective state regulatory authorities for approval subject to Section 252(e) of the Federal Telecommunications Act of 1996.

IN WITNESS WHEREOF, the Parties have executed this Amendment the day and year written below.

BellSouth Telecommunications, Inc.

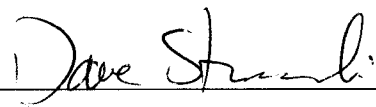
By: 

Name: Kristen E. Shore

Title: Director

Date: 

ACN Communications Services, Inc.

By: 

Name: DAVE STANKOVSKI

Title: PRESIDENT

Date:

Issue 1 – What is the appropriate language to implement the FCC’s transition plan for: (1) switching; (2) high-capacity loops; and (3) dedicated transport as detailed in the FCC’s TRRO, issued February 4, 2005?

1. Transition for DS1 and DS3 Loops

- 1.1 For purposes of this Section 1, the Transition Period for the Embedded Base of DS1 and DS3 Loops and for the Excess DS1 and DS3 Loops is the twelve (12) month period beginning March 11, 2005 and ending March 10, 2006.
- 1.2 For purposes of this Section 1, Embedded Base means DS1 and DS3 Loops that were in service for ACN as of March 11, 2005, (and/or were added during the Transition Period as permitted by Commission order) in those wire centers that, as of such date (or thereafter as applicable), met the criteria set forth in Section 1.4.1 and 1.4.2. The Embedded Base shall not include subsequent disconnects and/or lost End Users.
- 1.3 Excess DS1 and DS3 Loops are those ACN DS1 and DS3 Loops in service as of March 11, 2005, (or added during the Transition Period) pursuant to Commission Order in excess of the caps set forth in Sections 1.3.1 and 1.3.2 below, respectively. Subsequent disconnects and/or loss of End Users shall be removed from the calculation of Excess DS1 and DS3 Loops.
- 1.3.1 ACN may obtain a maximum of ten (10) unbundled DS1 Loops to any single building in which such Loops are still subject to unbundling requirements.
- 1.3.2 ACN may obtain a maximum of one (1) Unbundled DS3 Loop to any single building in which such Loops are still subject to unbundling requirements.
- 1.4 ACN may obtain access to the following:
- 1.4.1 Unbundled DS1 Loops to any Building not served by a wire center with at least 60,000 Business Lines and four (4) or more fiber-based collocators.
- 1.4.2 Unbundled DS3 Loops to any Building not served by a wire center with at least 38,000 Business Lines and four (4) or more fiber-based collocators.
- 1.5 The Initial Non-Impaired Wire Center List adopted by the Commission setting forth the wire centers meeting the criteria set forth in Sections 1.4.1 and 1.4.2 above, is available on BellSouth's Interconnection Web site.
- 1.6 Transition Period Pricing. From March 11, 2005, through the expiration of the Transition Period, BellSouth shall charge/collect a rate for ACN’s Embedded Base and ACN’s Excess DS1 and DS3 Loops equal to the higher of:

- 1.6.1 115% of the rate paid for that element on June 15, 2004; or
- 1.6.2 115% of any new rate the Commission establishes between June 16, 2004 and March 11, 2005.
- 1.6.3 These rates shall be as set forth in Exhibit A to Attachment 3 of the Agreement and this Section 1.6.
- 1.7 If ACN fails to submit the spreadsheet(s) for its Embedded Base and Excess DS1 and DS3 Loops on or before March 10, 2006, BellSouth will identify and transition such circuits to the equivalent wholesale services provided by BellSouth. Those circuits identified and transitioned by BellSouth pursuant to this Section shall be subject to the Commission-established switch-as-is charge of \$5.59. Full nonrecurring and installation charges shall apply where physical changes to circuits are necessary.
- 1.8 For Embedded Base circuits and Excess DS1 and DS3 Loops converted, the applicable recurring tariff charge shall apply to each circuit as of March 11, 2006. The transition of the Embedded Base and Excess DS1 and DS3 Loops should be performed in a manner that avoids, or otherwise minimizes to the extent possible, disruption or degradation to ACN's customers' service.
- 2. Dark Fiber Loop
- 2.1 Dark Fiber Loop is an unused optical transmission facility, without attached signal regeneration, multiplexing, aggregation or other electronics, from the demarcation point at an End User's premises to the End User's serving wire center. Dark Fiber Loops may be strands of optical fiber existing in aerial or underground structure. BellSouth will not provide line terminating elements, regeneration or other electronics necessary for ACN to utilize Dark Fiber Loops.
- 2.2 Transition for Dark Fiber Loop
- 2.2.1 For purposes of this Section 2.2, the Transition Period for Dark Fiber Loops is the eighteen (18) month period beginning March 11, 2005 and ending September 10, 2006.
- 2.2.2 For purposes of this Section 2.2, Embedded Base means Dark Fiber Loops that were in service for ACN as of March 11, 2005 and/or added during the Transition Period as pursuant to Commission Order. Subsequent disconnects and/or loss of End Users shall be removed from the Embedded Base.
- 2.2.3 During the Transition Period only, BellSouth shall make available for the Embedded Base Dark Fiber Loops for ACN at the terms and conditions set forth in this Attachment.

- 2.2.4 Transition Period Pricing. From March 11, 2005, through the completion of the Transition Period, BellSouth shall charge a rate for ACN's Embedded Base of Dark Fiber Loops equal to the higher of:
- 2.2.4.1 115% of the rate paid for that element on June 15, 2004; or
 - 2.2.4.2 115% of a new rate the Commission establishes, if any, between June 16, 2004 and March 11, 2005.
 - 2.2.4.3 These rates shall be as set forth in Exhibit A to Attachment 3 of the Agreement and this Section 2.2.4.
 - 2.2.4.4 The Transition Period shall apply only to ACN's Embedded Base and ACN shall not add new Dark Fiber Loops pursuant to this Agreement.
- 2.2.5 Effective September 11, 2006, Dark Fiber Loops will no longer be made available pursuant to this Agreement.
- 2.2.6 ACN shall strive to provide spreadsheets to BellSouth no later than September 10, 2006, identifying the specific Dark Fiber Loops, to be either disconnected or converted to other BellSouth services. ACN may transition from Dark Fiber Loops to other available wholesale facilities provided by BellSouth, including special access, wholesale facilities obtained from other carriers, or self-provisioned facilities. For Conversions as defined in Section 13, such spreadsheets shall take the place of an LSR or ASR. The Parties shall negotiate a project schedule for the Conversion of the Embedded Base Dark Fiber Loops. If ACN chooses to convert the Dark Fiber UNE Loops to special access circuits, BellSouth will include such Dark Fiber Loops once converted within ACN's total special access circuits and apply any discounts to which ACN is entitled.
- 2.2.6.1 If ACN submits the spreadsheets specified in Section 2.2.6 above for all of its Embedded Base on or before September 10, 2006, Conversions shall be subject to Commission-approved switch-as-is charges and no disconnect charges.
 - 2.2.6.2 If ACN fails to submit the spreadsheet(s) specified in Section 2.2.6 above for all of its Embedded Base on or before September 10, 2006, BellSouth will identify ACN's remaining Embedded Base, if any, and will transition such circuits to the equivalent tariffed BellSouth service(s). Those circuits identified and transitioned by BellSouth pursuant to this Section 2.2.6.2 shall be subject to the Commission-established switch-as-is charge of \$5.59.
 - 2.2.6.3 For Embedded Base circuits converted or transitioned, the applicable recurring tariff charge shall apply to each circuit as of September 11, 2006. The transition of the Embedded Base circuits should be performed in a manner that avoids, or otherwise minimizes to the extent possible, disruption or degradation to ACN's customers' service.

3. Dedicated Transport and Dark Fiber Transport

3.1 Dedicated Transport. Dedicated Transport is defined as BellSouth's transmission facilities between wire centers or switches owned by BellSouth, or between wire centers or switches owned by BellSouth and switches owned by ACN, including but not limited to DS1, DS3 and OCn level services, as well as dark fiber, dedicated to ACN. BellSouth shall not be required to provide access to OCn level Dedicated Transport under any circumstances pursuant to this Agreement. In addition, except as set forth in Section 3.2 below, BellSouth shall not be required to provide to ACN unbundled access to interoffice transmission facilities that do not connect a pair of wire centers or switches owned by BellSouth ("Entrance Facilities").

3.2 Transition for DS1 and DS3 Dedicated Transport Including DS1 and DS3 Entrance Facilities

3.2.1 For purposes of this Section 3.2, the Transition Period for the Embedded Base of DS1 and DS3 Dedicated Transport, Embedded Base Entrance Facilities and for Excess DS1 and DS3 Dedicated Transport, is the twelve (12) month period beginning March 11, 2005 and ending March 10, 2006.

3.2.2 For purposes of this Section 3.2, Embedded Base means DS1 and DS3 Dedicated Transport that were in service for ACN as of March 11, 2005 and/or added during the Transition Period pursuant to Commission order in those wire centers that, as of such date, met the criteria set forth in Sections 3.2.5.1 or 3.2.5.2 below. Subsequent disconnects and/or loss of End Users shall be removed from the Embedded Base.

3.2.3 For purposes of this Section 3.2, Embedded Base Entrance Facilities means Entrance Facilities that were in service for ACN as of March 11, 2005 and/or added during the Transition Period pursuant to Commission order. Subsequent disconnects and/or loss of customers shall be removed from the Embedded Base.

3.2.4 For purposes of this Section 3.2, Excess DS1 and DS3 Dedicated Transport means those ACN DS1 and DS3 Dedicated Transport facilities in service as of March 11, 2005 and/or added during the Transition Period pursuant to Commission order, in excess of the caps set forth in Section 3.2.5.3. Subsequent disconnects and/or loss of End Users shall be removed from Excess DS1 and DS3 Loops.

3.2.5 ACN may obtain access to the following:

3.2.5.1 DS1 Transport except on routes connecting a pair of wire centers, where both wire centers contain at least four (4) fiber-based collocators or at least 38,000 Business access lines.

3.2.5.2 DS3 Transport except on routes connecting a pair of wire centers, each of which contains at least three (3) fiber-based collocators or at least 24,000 Business access lines.

- 3.2.5.3 ACN may obtain a maximum of twelve (12) unbundled DS3 Dedicated Transport circuits on each route where DS3 Dedicated Transport is available as a Network Element, and a maximum of ten (10) unbundled DS1 Dedicated Transport circuits on each Route where there is no 251(c)(3) unbundling obligation for DS3 Dedicated Transport but for which impairment exists for DS1 Dedicated Transport.
- 3.2.6 The Initial Non-Impaired Wire Center List adopted by the Commission setting forth the wire centers meeting the criteria set forth in Sections 3.2.5.1 and 3.2.5.2 above, is available on BellSouth's Interconnection Web site.
- 3.2.7 Transition Period Pricing. From March 11, 2005, through the completion of the Transition Period, BellSouth shall charge/collect a rate for ACN's Embedded Base of DS1 and DS3 Dedicated Transport and for ACN's Excess DS1 and DS3 Dedicated Transport, as described in this Section 3.2, equal to the higher of:
- 3.2.7.1 115% of the rate paid for that element on June 15, 2004; or
- 3.2.7.2 115% of a new rate the Commission establishes, if any, between June 16, 2004 and March 11, 2005.
- 3.2.7.3 These rates shall be as set forth in Exhibit A to Attachment 3 of the Agreement and this Section 3.2.7.
- 3.2.7.4 From March 11, 2005, through the completion of the Transition Period, BellSouth shall charge/collect a rate for ACN's Embedded Base Entrance Facilities as set forth in Exhibit A to Attachment 3 of the Agreement and this Section 3.2.7.
- 3.2.8 If ACN failed to submit the spreadsheet(s) identifying its Embedded Base circuits, Embedded Base Entrance Facilities and Excess DS1 and DS3 Dedicated Transport on or before March 10, 2006, BellSouth will identify ACN's remaining Embedded Base circuits, Embedded Base Entrance Facilities and Excess DS1 and DS3 Dedicated Transport, if any, and will transition such circuits to the equivalent tariffed BellSouth service(s). Those circuits identified and transitioned by BellSouth shall be subject to the Commission-established switch-as-is charge of \$5.59. Full nonrecurring and installation charges shall apply where physical changes to circuits are necessary.
- 3.2.9 For Embedded Base circuits, Embedded Base Entrance Facilities and Excess DS1 and DS3 Dedicated Transport converted or transitioned, the applicable recurring tariff charge shall apply to each circuit as of March 11, 2006. The transition of the Embedded Base, Embedded Base Entrance Facilities and Excess DS1 and DS3 Dedicated Transport should be performed in a manner that avoids, or otherwise, minimizes to the extent possible, disruption or degradation to ACN's customers' service.
- 3.3 Dark Fiber Transport. Dark Fiber Transport is defined as Dedicated Transport that consists of unactivated optical interoffice transmission facilities without attached

signal regeneration, multiplexing, aggregation or other electronics. Except as set forth in Section 3.3.1 below, BellSouth shall not be required to provide access to Dark Fiber Transport Entrance Facilities pursuant to this Agreement.

3.3.1 Transition for Dark Fiber Transport and Dark Fiber Transport Entrance Facilities

3.3.2 For purposes of this Section 3.3, the Transition Period for the Embedded Base Dark Fiber Transport and Embedded Base Dark Fiber Entrance Facilities is the eighteen (18) month period beginning March 11, 2005 and ending September 10, 2006.

3.3.3 For purposes of this Section 3.3, Embedded Base means Dark Fiber Transport that was in service for ACN as of March 11, 2005 and/or added during the Transition Period pursuant to Commission order in those wire centers that, as of such date, met the criteria set forth in 3.3.5 below. Subsequent disconnects and/or loss of End Users shall be removed from the Embedded Base.

3.3.4 For purposes of this Section 3.3, Embedded Base Dark Fiber Entrance Facilities means Fiber Entrance Facilities that were in service for ACN as of March 11, 2005 and/or added during the Transition Period pursuant to Commission order in those wire centers that, as of such date, met the criteria set forth in 3.3.5 below. Subsequent disconnects and/or loss of End Users shall be removed from the Embedded Base.

3.3.5 ACN may obtain access to the following:

3.3.5.1 Dark Fiber Transport except on routes connecting a pair of wire centers, each of which contains at least three (3) fiber-based collocators or 24,000 Business access lines.

3.3.6 The Initial Non-Impaired Wire Center List adopted by the Commission setting forth the wire centers meeting the criteria set forth in Section 3.3.5 above, is available on BellSouth's Interconnection Web site.

3.3.7 Transition Period Pricing. From March 11, 2005, through the completion of the Transition Period, BellSouth shall charge/collect a rate for ACN's Embedded Base and Embedded Base Dark Fiber Entrance Facilities equal to the higher of:

3.3.7.1 115% of the rate paid for that element on June 15, 2004; or

3.3.7.2 115% of a new rate the Commission establishes, if any, between June 16, 2004 and March 11, 2005.

3.3.7.3 These rates shall be as set forth in Exhibit A Attachment 3 of the Agreement and this Section 3.3.7.

- 3.3.7.4 From March 11, 2005, through the completion of the Transition Period, BellSouth shall charge/collect a rate for ACN's Embedded Base Entrance Facilities as set forth in this Section 3.3.7.
- 3.3.8 No later than September 10, 2006 ACN shall strive to submit spreadsheet(s) identifying all of the Embedded Base of Dark Fiber Transport and Dark Fiber Entrance Facilities to be either disconnected or converted to other BellSouth services as Conversions pursuant to Section 13. ACN may transition from these Dark Fiber Transport and Dark Fiber Entrance Facilities to other available wholesale arrangements provided by BellSouth, wholesale facilities obtained from other carriers, or self-provisioned facilities. For Conversions as defined in Section 13, such spreadsheet shall take the place of an LSR or ASR. If a ACN chooses to convert the Dark Fiber UNE Transport circuits and Dark Fiber Entrance Facilities to special access circuits, BellSouth will include such Dark Fiber UNE Transport circuits and Dark Fiber UNE Entrance Facilities once converted within ACN's total special access circuits and apply any discounts to which ACN is entitled. The Parties shall negotiate a project schedule for the Conversion of the Embedded Base of Dark Fiber Transport and Dark Fiber Entrance Facilities.
- 3.3.9 If ACN submits the spreadsheets specified in Section 3.3.8 for all of its Embedded Base of Dark Fiber Transport and Dark Fiber Entrance Facilities on or before September 10, 2006, Conversions shall be subject to Commission-approved switch-as-is charges.
- 3.3.10 If ACN fails to submit the spreadsheet(s) for all of its Embedded Base of Dark Fiber Transport and Dark Fiber Entrance Facilities prior to September 10, 2006, BellSouth will identify ACN's remaining Embedded Base of Dark Fiber Transport and Dark Fiber Entrance Facilities, if any, and will transition such circuits to the equivalent tariffed BellSouth service(s) subject to the Commission-approved switch-as-is charge of \$5.59. Full nonrecurring and installation charges shall apply where physical changes to circuits are necessary.
- 3.3.11 For Embedded Base Dark Fiber Transport and Embedded Base Dark Fiber Entrance Facilities converted or transitioned, the applicable recurring tariff charge shall apply to each circuit as of September 11, 2006. The transition of the Embedded Base Dark Fiber Transport and Embedded Base Dark Fiber Entrance Facilities should be performed in a manner that avoids, or otherwise, minimizes to the extent possible, disruption or degradation to ACN's customers' service.

Issue 4 –What is the appropriate language to implement BellSouth's obligation to provide Section 251 unbundled access to high-capacity loops and dedicated transport and how should the following terms be defined? (i) Business Line; (ii) Fiber-Based Collocator; (iii) Building (iv) route; (v) Is a CLEC entitled to obtain DS3 transport from a Tier 3 wire center to each of two or more Tier 1 or Tier 2 wire centers? (vi) is a CLEC entitled to obtain dark fiber transport from a Tier 3 wire center to each of two or more Tier 1 or Tier 2 wire centers?

4. (i) Business Line

- 4.1 For purposes of this Attachment 2, a “Business Line” is, as defined in 47 C.F.R. § 51.5, a BellSouth-owned switched access line used to serve a business customer, whether by BellSouth itself or by a CLEC that leases the line from BellSouth. The number of business lines in a wire center shall equal the sum of all BellSouth business switched access lines, plus the sum of all UNE loops connected to that wire center, including UNE loops provisioned in combination with other unbundled elements. Among these requirements, business line tallies (1) shall include only those access lines connecting end-user customers with BellSouth end-offices for switched services, (2) shall not include non-switched special access lines, (3) shall account for ISDN and other digital access lines by counting each 64 kbps-equivalent as one line. For example, a DS1 line corresponds to 24 64 kbps-equivalents, and therefore to 24 “business lines.”

4.2 (ii) Fiber-Based Collocation

- 4.2.1 For purposes of this Attachment 2 a “Fiber-Based Collocator” is, as defined in 47 C.F.R. § 51.5, any carrier, unaffiliated with BellSouth, that maintains a collocation arrangement in a BellSouth wire center, with active electrical power supply, and operates a fiber-optic cable or comparable transmission facility that (1) terminates at a collocation arrangement within the wire center; (2) leaves the BellSouth wire center premises; and (3) is owned by a party other than BellSouth or any affiliate of BellSouth, except as set forth in this paragraph. Dark fiber obtained from an incumbent LEC on an indefeasible right of use basis shall be treated as non-incumbent LEC fiber-optic cable. Two or more affiliated fiber-based collocators in a single wire center shall collectively be counted as a single fiber-based collocator. For purposes of this paragraph, the term affiliate is defined by 47 U.S.C. § 153(1) and any relevant interpretation in this Title.

4.3 (iii) Building

- 4.3.1 For purposes of this Attachment 2, a “Building” is a permanent physical structure including, but not limited to, a structure in which people reside, or conduct business or work on a daily basis and through which there is one centralized point of entry in the structure through which all telecommunications services must transit. As an example only, a high rise office building with a general telecommunications equipment room through which all telecommunications services to that building’s tenants must pass would be a single “building” for purposes of this Attachment. Two or more physical areas served by individual points of entry through which telecommunications services must transit will be considered separate buildings. For instance, a strip mall with individual businesses obtaining telecommunication services from different access points on the building(s) will be considered individual buildings, even though they might share common walls.

4.4 (iv) Route

4.4.1 For purposes of this Attachment 2, a “Route” is, as defined in 47 C.F.R. §. 51.319(e), a transmission path between one of an incumbent LEC's wire centers or switches and another of the incumbent LEC's wire centers or switches. A route between two points (e.g. wire center or 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.

5. In the event that (1) BellSouth designates a wire center as non-impaired, (2) ACN converts existing UNEs to other services or orders new services as services other than UNEs, (3) ACN otherwise would have been entitled to UNEs in such wire center at the time alternative services provisioned, and (4) BellSouth acknowledges or a state or federal agency regulatory body with authority determines that, at the time BellSouth designated such wire center as non-impaired, such wire center did not meet the FCC's non-impairment criteria, then upon request of ACN, BellSouth shall transition to UNEs any alternative services in such wire center that were established after such wire center was designated as non-impaired. In such instances, BellSouth shall refund ACN the difference between the rate paid by ACN for such services and the applicable UNE rate, including but not limited to any charges associated with the unnecessary conversion from UNE to other wholesale services.

Issue 6 – Are HDSL-capable copper loops the equivalent of DS1 loops for the purpose of evaluating impairment?

6. 2-wire or 4-wire HDSL-Compatible Loop. This is a designed Loop which meets Carrier Serving Area (CSA) specifications, may be up to 12,000 feet long and may have up to 2,500 feet of bridged tap (inclusive of Loop length). It may be a 2-wire or 4-wire circuit and will come standard with a test point, OC, and a DLR.

7. 4-wire Unbundled DS1 Digital Loop. This is a designed 4-wire Loop that is provisioned according to industry standards for DS1 or Primary Rate ISDN services and will come standard with a test point, OC, and a DLR. A DS1 Loop may be provisioned over a variety of loop transmission technologies including copper, HDSL-based technology or fiber optic transport systems. It will include a 4-wire DS1 Network Interface at the End User's location. For purposes of this Agreement, including the transition of DS1 and DS3 Loops described in Section 1 above, DS1 Loops include 2-wire and 4-wire HDSL-Compatible Loops.

Issue 10 – Transition of De-listed Network Elements To Which No Specified Transition Period Applies. What rates terms and conditions should govern the transition of existing network elements that BellSouth is no longer obligated to provide as Section 251 UNEs to non-Section 251 network elements and other services and (a) what is the proper treatment for such network elements at the end of the transition period,; and (b) what is the appropriate transition period, and what are the appropriate rates, terms and conditions during such transition period, for unbundled high-capacity loops, high capacity transport, and dark fiber transport in and between wire centers that do not meet the FCC’s non-impairment standards at this time, but that meet such standards in the future?

8. Except to the extent expressly provided otherwise in this Attachment, ACN may not maintain unbundled network elements or combinations of unbundled network elements, that are no longer offered pursuant to this Amendment (collectively “Arrangements”). In the event BellSouth determines that ACN has in place any Arrangements after the Effective Date of this Amendment, BellSouth will provide ACN with written notice that such Arrangements must be converted or disconnected within thirty (30) days of the receipt of such notice. The written notice provided by BellSouth must identify, by circuit identification number(s), the specific Arrangement(s) which BellSouth insists must be converted or disconnected. Those circuits identified by ACN within such thirty (30) day period shall be converted subject to Commission-approved switch-as-is rates with no UNE disconnect charges. If ACN fails to dispute BellSouth’s claims or fails to submit orders to disconnect or convert such Arrangements within the established thirty (30)-day period, BellSouth will transition such circuits to the equivalent tariffed BellSouth service(s) subject to the Commission-established switch-as-is rate. The full nonrecurring charges for installation of the equivalent tariffed BellSouth service as set forth in BellSouth’s tariffs will not apply to such conversions. However, the applicable recurring tariff charges shall apply to each circuit upon conversion.

Issue 5 – a) Does the Commission have the authority to determine whether or not BellSouth’s application of the FCC’s Section 251 non-impairment criteria for high-capacity loops and transport is appropriate?

b) What procedures should be used to identify those wire centers that satisfy the FCC’s Section 251 non-impairment criteria for high-capacity loops and transport?

c) What language should be included in agreements to reflect the procedures identified in (b)?

9. Modifications and Updates to the Wire Center List and Subsequent Transition Periods
- 9.1 DS1 or DS3 loops, or Dedicated Transport in Wire Centers that Meet the TRRO Non-Impaired Criteria in the Future
- 9.2 In the event BellSouth identifies additional wire centers that meet the criteria set forth in Sections 1.4.1 (DS1 loops), 1.4.2 (DS3 loops), 3.2.5.1 (DS1 transport) and 3.2.5.2 (DS3 transport) but that were not included in the Initial Non-Impaired Wire Center List adopted by the Commission, BellSouth shall include such additional wire centers

- in a carrier notification letter (CNL). Each such list of additional wire centers shall be considered a “Subsequent Wire Center List.”
- 9.3 Effective thirty (30) calendar days after the date of a BellSouth CNL providing a Subsequent Wire Center List, BellSouth shall not be required to unbundle new DS1 or DS3 Loops, or transport, as applicable, in such additional wire center(s), except pursuant to self-certification by ACN. BellSouth may review the self-certification claim of ACN and seek dispute resolution through the Commission if needed. During the dispute resolution period, the applicable DS1 or DS3 loop rate will not change unless ordered by the Commission. Upon the Commission's resolution of the dispute, said rates will be trued up if necessary, to the time BellSouth provisioned in the order in question.
- 9.4 BellSouth shall make available de-listed DS1 and DS3 Loops and transport that were in service for ACN in a de-listed wire center on the Subsequent Wire Center List as of the thirtieth (30th) calendar day after the date of BellSouth's CNL identifying the Subsequent Wire Center List (Subsequent Embedded Base) until one hundred and eighty (180) calendar days after the thirtieth (30th) calendar day from the date of BellSouth's CNL identifying the Subsequent Wire Center List (Subsequent Transition Period).
- 9.5 Subsequent disconnects and/or lost End Users shall be removed from the Subsequent Embedded Base.
- 9.6 The rate that shall apply to the Subsequent Embedded Base throughout the entire Subsequent Transition Period shall be the rate paid for that element at the time of the CNL posting, plus 15%.
- 9.7 No later than one hundred and eighty (180) calendar days from BellSouth's CNL identifying the Subsequent Wire Center List, ACN shall submit a spreadsheet(s) identifying the Subsequent Embedded Base of circuits to be disconnected or converted to other BellSouth services. For Conversions as defined in Section 13, such spreadsheets shall take the place of an LSR or ASR. The Parties shall negotiate a project schedule for the Conversion of the Subsequent Embedded Base of circuits. If a ACN chooses to convert the de-listed DS1 and DS3 Loops and Transport to special access circuits, BellSouth will include such de-listed DS1 and DS3 Loops and Transport once converted within ACN's total special access circuits and apply any discounts to which ACN is entitled. The Parties shall negotiate a project schedule for the Conversion of the Subsequent Embedded Base.
- 9.7.1 If ACN submits the spreadsheet(s) for its Subsequent Embedded Base by one hundred and eighty (180) calendar days from BellSouth's CNL identifying the Subsequent Wire Center List, those identified circuits shall be subject to the Commission-approved switch-as-is conversion nonrecurring charge.
- 9.7.2 If ACN fails to submit the spreadsheet(s) for all of its Subsequent Embedded Base by one hundred and eighty (180) calendar days after the date of BellSouth's CNL identifying the Subsequent Wire Center List, BellSouth will identify ACN's

- remaining Subsequent Embedded Base, if any, and will transition such circuits to the equivalent tariffed BellSouth service(s) subject to the switch-as-is rate established by the Commission.
- 9.7.3 For Subsequent Embedded Base circuits converted or transitioned, the applicable recurring tariff charges shall apply on the first day after the end of the Subsequent Transition Period. The transition of the Subsequent Embedded Base circuits should be performed in a manner that avoids, or otherwise minimizes to the extent possible, disruption or degradation to ACN's customers' service.
- 9.8 Dark Fiber Transport in Wire Centers that Meet the TRRO Non-Impaired Criteria in the Future
- 9.8.1 In the event BellSouth identifies additional wire centers that meet the criteria set forth in Section 3.3.5 above, but that were not included in the Initial Non-Impaired Wire Center List adopted by the Commission, BellSouth shall include such additional wire centers in a CNL. Each such list of additional wire centers shall be considered a "Subsequent Wire Center List."
- 9.8.2 Effective thirty (30) calendar days after the date of a BellSouth CNL providing a Subsequent Wire Center List, BellSouth shall not be required to unbundle new Dark Fiber Transport, as applicable, in such additional wire center(s), except pursuant to the self-certification process by ACN. BellSouth may review the self-certification claim of ACN and seek dispute resolution through the Commission if needed. During the dispute resolution period, the applicable DS1 or DS3 loop rate will not change unless ordered by the Commission. Upon the Commission's resolution of the dispute, said rates will be trued up if necessary, to the time BellSouth provisioned in the order in question.
- 9.8.3 For purposes of Section 9.8, BellSouth shall make available dark fiber transport that was in service for ACN in a wire center on the Subsequent Wire Center List as of the thirtieth (30th) calendar day after the date of BellSouth's CNL identifying the Subsequent Wire Center List (Subsequent Embedded Base) until two hundred and seventy (270) calendar days after the thirtieth (30th) calendar day from the date of BellSouth's CNL identifying the Subsequent Wire Center List (Subsequent Transition Period).
- 9.8.4 Subsequent disconnects and/or lost End Users shall be removed from the Subsequent Embedded Base.
- 9.8.5 The rate that shall apply to the Subsequent Embedded Base throughout the entire Subsequent Transition Period shall be the rate paid for that element at the time of the CNL posting, plus 15%.
- 9.8.6 No later than two hundred and seventy (270) calendar days from BellSouth's CNL identifying the Subsequent Wire Center List ACN shall submit a spreadsheet(s) identifying the Subsequent Embedded Base of circuits to be disconnected or converted to other BellSouth services. For Conversions as defined in Section 13,

such spreadsheets shall take the place of an LSR or ASR. The Parties shall negotiate a project schedule for the Conversion of the Subsequent Embedded Base of circuits. If a ACN chooses to convert the Dark Fiber Transport to special access circuits, BellSouth will include such Dark Fiber Transport once converted within ACN's total special access circuits and apply any discounts to which ACN is entitled. The Parties shall negotiate a project schedule for the Conversion of the Subsequent Embedded Base.

- 9.8.6.1 If ACN submits the spreadsheet(s) for its Subsequent Embedded Base within two hundred and seventy (270) calendar days from BellSouth's CNL identifying the Subsequent Wire Center List, those identified circuits shall be subject to the Commission-approved switch-as-is charge.
- 9.8.6.2 If ACN fails to submit the spreadsheet(s) for all of its Subsequent Embedded Base within two hundred and seventy (270) calendar days after the date of BellSouth's CNL identifying the Subsequent Wire Center List, BellSouth will identify ACN's remaining Subsequent Embedded Base, if any, and will transition such circuits to the equivalent tariffed BellSouth service(s) subject to the switch-as-is charge established by the Commission.
- 9.8.7 For Subsequent Embedded Base circuits converted or transitioned, the applicable recurring tariff charges shall apply on the first day after the end of the Subsequent Transition Period. The transition of the Subsequent Embedded Base circuits should be performed in a manner that avoids, or otherwise, minimizes to the extent possible, disruption or degradation to ACN's customers' service.

Issue 13 – Should network elements de-listed under §251(c) (3) be removed from BellSouth's SQM/PMAP/SEEM?

- 10. ACN may purchase and use Network Elements and Other Services from BellSouth in accordance with 47 C.F.R §51.309. Performance Measurements associated with this Attachment 2 are contained in Attachment 9. The quality of the Network Elements provided pursuant to §251, as well as the quality of the access to said Network Elements that BellSouth provides to ACN, shall be, to the extent technically feasible, at least equal to that which BellSouth provides to itself, and its affiliates.
- 11. The Parties shall comply with the requirements as set forth in the technical references within this Attachment 2. BellSouth shall comply with the requirements set forth in the technical reference TR73400, as well as any performance or other requirements identified in this Agreement, to the extent that they are consistent with the greater of BellSouth's actual performance or applicable industry standards. If one or more of the requirements set forth in this Agreement are in conflict, the technical reference TR73600 requirements shall apply. If the parties cannot reach agreement, the dispute resolution process set forth in the General Terms and Conditions of this Agreement shall apply.

Issue 14 – What is the scope of commingling allowed under the FCC’s rules and orders and what language should be included in Interconnection Agreements to implement commingling (including rates)?

12. Commingling of Services

- 12.1 Commingling means the connecting, attaching, or otherwise linking of a Network Element, or a Combination, to one or more Telecommunications Services or facilities that ACN has obtained at wholesale from BellSouth, or the combining of a Network Element or Combination with one or more such wholesale Telecommunications Services or facilities. The wholesale services that can be commingled with Network Elements or a Combination include network elements required to be unbundled under Section 271. ACN must comply with all rates, terms or conditions applicable to such wholesale Telecommunications Services or facilities.
- 12.2 Subject to the limitations set forth elsewhere in this Attachment, BellSouth shall not deny access to a Network Element or a Combination on the grounds that one or more of the elements: 1) is connected to, attached to, linked to, or combined with such a facility or service obtained from BellSouth; or 2) shares part of BellSouth’s network with access services or inputs for mobile wireless services and/or interexchange services.
- 12.3 Unless expressly prohibited by the terms of this Attachment, BellSouth shall permit ACN to Commingle an Unbundled Network Element or a Combination of unbundled Network Elements with wholesale services obtained from BellSouth, services obtained from third parties or facilities provided by ACN. For purposes of example only, ACN may Commingle unbundled Network Elements or Combinations of unbundled Network Elements with wholesale services including switched and special access services, or services purchased under resale arrangements with BellSouth.
- 12.4 Unless otherwise agreed to by the Parties, the Network Element portion of a commingled circuit will be billed at the rates set forth in Exhibit B and the remainder of the circuit or service will be billed in accordance with BellSouth’s tariffed rates or rates set forth by separate agreement.
- 12.5 When multiplexing equipment is attached to a commingled arrangement, the multiplexing equipment will be billed from the same agreement or the tariff as the higher bandwidth circuit. Central Office Channel Interfaces (COCI) will be billed from the same agreement or tariff as the lower bandwidth circuit.
- 12.6 Terms and conditions for order cancellation charges and Service Date Advancement Charges will apply in accordance with Attachment 2. The charges shall be as set forth in Exhibit A of Attachment 3 of the parties Agreement.

Issue 15 – Is BellSouth required to provide conversion of special access circuits to UNE pricing, and, if so, what rates, terms and conditions and during what timeframe should such new requests for such conversions be effectuated?

13. Conversion of Wholesale Services to Network Elements or Network Elements to Wholesale Services
- 13.1 Upon request, BellSouth shall convert a wholesale service, or group of wholesale services, to the equivalent Network Element or Combination that is available to ACN pursuant to Section 251 of the Act and under this Agreement, or convert a Network Element or Combination that is available to ACN pursuant to Section 251 of the Act and under this Agreement to an equivalent wholesale service or group of wholesale services offered by BellSouth (collectively “Conversion”). BellSouth shall charge the applicable nonrecurring Commission approved switch-as-is rates for Conversions to specific Network Elements or Combinations found in Exhibit B. BellSouth shall also charge the same nonrecurring switch-as-is rates when converting from Network Elements or Combinations. Any rate change resulting from the Conversion will be effective as of the next billing cycle following BellSouth’s receipt of a complete and accurate Conversion request from ACN. Any change from a wholesale service/group of wholesale services to a Network Element/Combination, or from a Network Element/Combination to a wholesale service/group of wholesale services that requires a physical rearrangement will not be considered to be a Conversion for purposes of this Agreement. BellSouth will not require physical rearrangements if the Conversion can be completed through record changes only. Orders for Conversions will be handled in accordance with the guidelines set forth in the Ordering Guidelines and Processes and CLEC Information Packages as referenced in Section 13.3 below.
- 13.2 Any outstanding conversions shall be effective on or after the effective date of this agreement.
- 13.3 Ordering Guidelines and Processes
- 13.3.1 For information regarding Ordering Guidelines and Processes for various Network Elements, Combinations and Other Services, ACN should refer to the “Guides” section of the BellSouth Interconnection Web site.
- 13.3.2 Additional information may also be found in the individual CLEC Information Packages located at the “CLEC UNE Products” on BellSouth’s Interconnection Web site.
- 13.3.3 The provisioning of Network Elements, Combinations and Other Services to ACN’s Collocation Space will require cross-connections within the central office to connect the Network Element, Combinations or Other Services to the demarcation point associated with ACN’s Collocation Space. These cross-connects are separate components that are not considered a part of the Network Element, Combinations or Other Services and, thus, have a separate charge pursuant to this Agreement.

Issue 19: LINE SPLITTING: What is the appropriate ICA language to implement BellSouth’s obligations with regard to line splitting?

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14. Line Splitting

14.1 Line splitting shall mean that ACN purchases a whole loop and provides the splitter to provide voice and data services through an arrangement with a third party CLEC, who is either the provider of data services (a Data LEC) or the provider of voice services (a Voice CLEC) to deliver voice and data service to End Users over the same Loop. The Voice CLEC and Data LEC may be the same or different carriers.

14.2 Line Splitting – UNE-L. In the event ACN provides its own switching or obtains switching from a third party, ACN may engage in line splitting arrangements with another CLEC using a splitter, provided by ACN, in a Collocation Space at the central office where the loop terminates into a distribution frame or its equivalent.

14.2.1 Provisioning Line Splitting and Splitter Space – UNE-L

14.2.1.1 ACN provides the splitter when providing Line Splitting with UNE-L. When ACN or its authorized agent owns the splitter, Line Splitting requires the following: a loop from NID at the End User's location to the serving wire center and terminating into a distribution frame or its equivalent.

14.2.1.2 An unloaded 2-wire copper Loop must serve the End User. The meet point for the Voice CLEC and the Data LEC is the point of termination on the MDF for the Data LEC's cable and pairs.

14.3 CLEC Provided Splitter – Line Splitting – UNE-L

14.3.1 To order High Frequency Spectrum on a particular Loop, ACN or its authorized agent must have a DSLAM collocated in the central office that serves the End User of such Loop.

14.3.2 ACN or its authorized agent may purchase, install and maintain central office POTS splitters in its collocation arrangements. ACN or its authorized agent may use such splitters for access to its customers and to provide digital line subscriber services to its customers using the High Frequency Spectrum. Existing Collocation rules and procedures and the terms and conditions relating to Collocation set forth in Attachment 4 Central Office shall apply.

14.3.3 Any splitters installed by ACN in its collocation arrangement shall comply with ANSI T1.413, Annex E, or any future ANSI splitter Standards. ACN may install any splitters that BellSouth deploys or permits to be deployed for itself or any BellSouth affiliate.

14.4 Maintenance – Line Splitting – UNE-L

- 14.4.1 BellSouth will be responsible for repairing voice troubles and the troubles with the physical loop between the NID at the End User's premises and the termination point.
- 14.4.2 BellSouth must make all necessary network modifications, including providing nondiscriminatory access to operations support systems necessary for pre-ordering, ordering provisioning, maintenance and repair, and billing for loops used in line splitting arrangements. BellSouth may use existing state commission collaboratives and change management processes to address OSS modifications that are necessary.
- 14.5 Indemnification
- 14.5.1 ACN shall indemnify, defend and hold harmless BellSouth from and against any claims, losses, and costs which arise out of actions related to the other service provider (i.e. CLEC party to the line splitting arrangement who is not ACN), except to the extent caused by BellSouth's gross negligence or willful misconduct.
- 14.5.2 PROVIDED, HOWEVER, that all amounts advanced in respect of such claims, losses and costs shall be repaid to ACN by BellSouth if it shall ultimately be determined in a final judgment without further appeal by a court of appropriate jurisdiction that BellSouth is not entitled to be indemnified for such claims, losses and costs because the Claims, Losses and Costs arose as a result of BellSouth's gross negligence or willful misconduct.
- 14.5.3 BellSouth will indemnify, defend and hold harmless ACN from and against any Claims, Losses and Costs which arise out of actions related to the other service provider (i.e. CLEC party to the line splitting arrangement who is not ACN brought against ACN to the extent such Claim alleges that the cause of the Claim, Loss and Cost was the result of BellSouth's gross negligence or willful misconduct.
- 14.5.4 PROVIDED, HOWEVER, that BellSouth shall have no obligation to indemnify ACN under this section unless ACN provides BellSouth with prompt written notice of any such Claim; ACN permits BellSouth to assume and control the defense to such action, with counsel chosen by BellSouth; and BellSouth does not enter into any settlement or compromise of such Claim.
- 14.5.5 PROVIDED, HOWEVER, that all amounts advanced in respect of such Claims, Losses and Costs shall be repaid to BellSouth by ACN if it shall ultimately be determined in a final judgment without further appeal by a court of appropriate jurisdiction that ACN is not entitled to be indemnified for such Claims, Losses and Costs because the Claims, Losses and Costs did not arise as a result of BellSouth's gross negligence or willful misconduct.
- 14.5.6 "Claim" means any threatened, pending or completed action, suit or proceeding, or any inquiry or investigation that BellSouth or ACN in good faith believes might lead to the institution of any such action, suit or proceeding.

14.5.7 “Loss” means any and all damages, injuries, judgments, fines penalties, amounts paid or payable in settlement, deficiencies, and expenses (including all interest, assessments, and other charges paid or payable in connection with or respect of such Losses) incurred in connection with the Claim.

14.5.8 “Costs” means all reasonable attorney’s fees and all other reasonable fees, expenses and obligations paid or incurred in connection with the Claim or related matters, including without limitation, investigating, defending, or participating (as a party, witness or otherwise) in (including on appeal), or preparing to defend or participate in any Claim.

15. 911 and E911 Databases

15.1 BellSouth shall provide ACN with nondiscriminatory access to 911 and E911 databases on an unbundled basis, in accordance with 47 C.F.R. § 51.319 (f).

15.2 The ALI/DMS database contains End User information (including name, address, telephone information, and sometimes special information from the local service provider or End User) used to determine to which PSAP to route the call. The ALI/DMS database is used to provide enhanced routing flexibility for E911. ACN will be required to provide the BellSouth 911 database vendor daily service order updates to E911 database in accordance with Section 15.3.1 below.

15.3 Technical Requirements

15.3.1 BellSouth’s 911 database vendor shall provide ACN the capability of providing updates to the ALI/DMS database through a specified electronic interface. ACN shall contact BellSouth’s 911 database vendor directly to request interface. ACN shall provide updates directly to BellSouth’s 911 database vendor on a daily basis. Updates shall be the responsibility of ACN and BellSouth shall not be liable for the transactions between ACN and BellSouth’s 911 database vendor.

15.3.2 It is ACN’s responsibility to retrieve and confirm statistical data and to correct errors obtained from BellSouth’s 911 database vendor on a daily basis. All errors will be assigned a unique error code and the description of the error and the corrective action is described in the CLEC Users Guide for Facility Based Providers that is found on the BellSouth Interconnection Web site.

15.3.3 ACN shall conform to the BellSouth standards as described in the CLEC Users Guide to E911 for Facilities Based Providers that is located on the BellSouth’s Interconnection Web site.

- 15.3.4 Stranded Unlocks are defined as End User records in BellSouth's ALI/DMS database that have not been migrated for over ninety (90) days to ACN, as a new provider of local service to the End User. Stranded Unlocks are those End User records that have been "unlocked" by the previous local exchange carrier that provided service to the End User and are open for ACN to assume responsibility for such records.
- 15.3.5 Based upon End User record ownership information available in the NPAC database, BellSouth shall provide a Stranded Unlock annual report to ACN that reflects all Stranded Unlocks that remain in the ALI/DMS database for over ninety (90) days. ACN shall review the Stranded Unlock report, identify its End User records and request to either delete such records or migrate the records to ACN within two (2) months following the date of the Stranded Unlock report provided by BellSouth. ACN shall reimburse BellSouth for any charges BellSouth's database vendor imposes on BellSouth for the deletion of ACN's records.
16. 911 PBX Locate Service®. 911 PBX Locate Service is comprised of a database capability and a separate transport component.
- 16.1 Description of Product. The transport component provides a dedicated trunk path from a Private Branch Exchange (PBX) switch to the appropriate BellSouth 911 tandem.
- 16.2 The database capability allows ACN to offer an E911 service to its PBX End Users that identifies to the PSAP the physical location of the ACN PBX 911 End User station telephone number for the 911 call that is placed by the End User.
- 16.3 ACN may order either the database capability or the transport component as desired or ACN may order both components of the service.
- 16.4 911 PBX Locate Database Capability. ACN's End User or ACN's End User's database management agent (DMA) must provide the End User PBX station telephone numbers and corresponding address and location data to BellSouth's 911 database vendor. The data will be loaded and maintained in BellSouth's ALI database.
- 16.5 Ordering, provisioning, testing and maintenance shall be provided by ACN pursuant to the 911 PBX Locate Marketing Service Description (MSD) that is located on the BellSouth Interconnection Web site.
- 16.6 ACN's End User, or ACN's End User database management agent must provide ongoing updates to BellSouth's 911 database vendor within a commercially

- reasonable timeframe of all PBX station telephone number adds, moves and deletions. It will be the responsibility of ACN to ensure that the End User or DMA maintain the data pertaining to each End User's extension managed by the 911 PBX Locate Service product. ACN should not submit telephone number updates for specific PBX station telephone numbers that are submitted by ACN's End User, or ACN's End User DMA under the terms of 911 PBX Locate product.
- 16.7 ACN must provision all PBX station numbers in the same LATA as the E911 tandem.
- 16.8 ACN agrees to release, indemnify, defend and hold harmless BellSouth from any and all loss, claims, demands, suits, or other action, or any liability whatsoever, whether suffered, made, instituted or asserted by ACN's End User or by any other party or person, for any personal injury to or death of any person or persons, or for any loss, damage or destruction of any property, whether owned by ACN or others, or for any infringement or invasion of the right of privacy 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, location or use of PBX Locate Service features or by any services which are or may be furnished by BellSouth in connection therewith, including but not limited to the identification of the telephone number, address or name associated with the telephone used by the party or parties accessing 911 services using 911 PBX Locate Service hereunder, except to the extent caused by BellSouth's gross negligence or willful misconduct. ACN is responsible for assuring that its authorized End Users comply with the provisions of these terms and that unauthorized persons do not gain access to or use the 911 PBX Locate Service through user names, passwords, or other identifiers assigned to ACN's End User or DMA pursuant to these terms. Specifically, ACN's End User or DMA must keep and protect from use by any unauthorized individual identifiers, passwords, and any other security token(s) and devices that are provided for access to this product.
- 16.9 ACN may only use BellSouth PBX Locate Service solely for the purpose of validating and correcting 911 related data for ACN's End Users' telephone numbers for which it has direct management authority.
- 16.10 911 PBX Locate Transport Component. The 911 PBX Locate Service transport component requires ACN to order a CAMA type dedicated trunk from ACN's End User premise to the appropriate BellSouth 911 tandem pursuant to the following provisions.
- 16.11 Except as otherwise set forth below, a minimum of two (2) End User specific, dedicated 911 trunks are required between the ACN's End User premise and the BellSouth 911 tandem as described in BellSouth's Technical Reference (TR) 73576 and in accordance with the 911 PBX Locate Marketing Service Description located

on the BellSouth Interconnection Web site. ACN is responsible for connectivity between the End User's PBX and ACN's switch or POP location. ACN will then order 911 trunks from their switch or POP location to the BellSouth 911 tandem. The dedicated trunks shall be, at a minimum, DS0 level trunks configured as part of a digital interface (delivered over a ACN purchased DS1 facility that hands off at a DS1 or higher level digital or optical interface). ACN is responsible for ensuring that the PBX switch is capable of sending the calling station's Direct Inward Dial (DID) telephone number to the BellSouth 911 tandem in a specified Multi-frequency (MF) Address Signaling Protocol. If the PBX switch supports Primary Rate ISDN (PRI) and the calling stations are DID numbers, then the 911 call can be transmitted using PRI, and there will be no requirement for the PBX Locate Transport component.

- 16.12 Ordering and Provisioning. ACN will submit an Access Service Request (ASR) to BellSouth to order a minimum of two (2) End User specific 911 trunks from its switch or POP location to the BellSouth 911 tandem.
- 16.13 Testing and maintenance shall be provided by ACN pursuant to the 911 PBX Locate Marketing Service description that is located on the BellSouth Interconnection Web site.
- 16.14 Rates. Rates for the 911 PBX Locate Service database component are set forth in Exhibit C. Trunks and facilities for 911 PBX Locate transport component may be ordered by ACN pursuant to the terms and conditions set forth in Attachment 3 of the Agreement.

Issue 23 - What is the appropriate language to implement BellSouth's obligation, if any, to offer unbundled access to newly deployed or "greenfield" fiber loops, including fiber loops deployed to the minimum point of entry (MPOE) of a multiple dwelling unit that is predominantly residential and what, if any impact does the ownership of the inside wiring from the MPOE to each end user have on this obligation?

Issue 28: What is the appropriate language, if any, to address access to overbuild deployments of fiber to the home and fiber to the curb facilities?

- 17. Fiber to the Home (FTTH) loops are local loops consisting entirely of fiber optic cable, whether dark or lit, serving an End User's premises or, in the case of predominantly residential multiple dwelling units (MDUs), a fiber optic cable, whether dark or lit, that extends to the MDU minimum point of entry (MPOE).
- 18. Fiber to the Curb (FTTC) loops are local loops consisting of fiber optic cable connecting to a copper distribution plant that is not more than five hundred (500) feet from the End User's premises or, in the case of predominantly residential MDUs, not more than five hundred (500) feet from the MDU's MPOE. The fiber optic cable in a FTTC loop must connect to a copper distribution plant at a serving area interface

from which every other copper distribution subloop also is not more than five hundred (500) feet from the respective End User's premises.

19. Greenfield Requirements: In new build (Greenfield) areas, where BellSouth has only deployed FTTH/FTTC facilities, BellSouth is under no obligation to provide such FTTH and FTTC Loops. FTTH facilities include fiber loops deployed to the MPOE of a MDU that is predominately residential regardless of the ownership of the inside wiring from the MPOE to each End User in the MDU.
- 19.1 Overbuild Requirements: In FTTH/FTTC overbuild situations where Bellsouth also has copper loops, BellSouth will make those copper loops available to CLEC on an unbundled basis, until such time as BellSouth chooses to retire those copper loops using the FCC's network disclosure requirements. In these cases, BellSouth will offer a 64 Kbps second voice grade channel over its FTTH/FTTC facilities. BellSouth's retirement of copper loops must comply with Applicable Law.
- 19.2 DS1/DS3 Requirements: Notwithstanding the above, nothing in this Section shall limit BellSouth's obligation to offer CLECs unbundled DS1 and DS3 loops (or loop/transport combination) in any wire center where BellSouth is required to provide such loop facilities.
- 19.3 Subloops: BellSouth shall provide ACN with nondiscriminatory access to the subloop for access to multiunit premises wiring on an unbundled basis regardless of the capacity level or type of loop that the ACN seeks to provision for its customer. The subloop for access to multiunit premises wiring is defined as any portion of the loop that it is technically feasible to access at a terminal in the incumbent LEC's outside plant at or near a multiunit premises. One category of this subloop is inside wire, which is defined for purposes of this section as all loop plant owned or controlled by the incumbent LEC at a multiunit customer premises between the minimum point of entry as defined in §68.105 of the FCC rules and the point of demarcation of the incumbent LEC's network as defined in § 68.3 of the FCC rules.
- 19.4 Upon notification by a requesting telecommunications carrier that it requests interconnection at a multiunit premises where BellSouth owns controls or leases wiring, BellSouth shall provide a single point of interconnection that is suitable for use by multiple carriers.

Issue 24: What is the appropriate ICA language to implement BellSouth's obligation to provide unbundled access to hybrid loops?

20. Hybrid loops are defined in the federal rules at 47 CFR §51.319(a)(2) as local loops, composed of both fiber optic cable, usually in the feeder plant, and copper twisted wire or cable, usually in the distribution plant. BellSouth shall provide ACN with nondiscriminatory access to the time division multiplexing features, functions and capabilities of such hybrid loop, including DS1 and DS3 capacity under Section 251 where impairment exists, on an unbundled basis to establish a complete transmission path between BellSouth's central office and an End User's premises.
- 20.1 BellSouth shall not engineer the transmission capabilities of its network in a manner, or engage in any policy, practice, or procedure, that disrupts or degrades access to a local loop or subloop, including the time division multiplexing-based features, functions, and capabilities of a hybrid loop, for which a requesting telecommunications carrier may obtain or has obtained access pursuant to this Attachment.

Issue 26: What is the appropriate ICA language to implement BellSouth's obligation to provide RNMs?

Issue 27: What is the appropriate process for establishing a rate, if any, to allow for the cost of a routine network modification that is not already recovered in Commission-approved recurring and nonrecurring rates? What is the appropriate language, if any, to incorporate into the ICAs?

21. Routine Network Modifications

- 21.1 BellSouth will perform Routine Network Modifications (RNM) in accordance with FCC 47 CFR 51.319 (a)(7) and (e)(4) for Loops and Dedicated Transport provided under this Attachment. If BellSouth normally provides such RNM for its own customers and has recovered the costs for performing such modifications through the rates set forth in Exhibit A Attachment 3 of the Agreement, then BellSouth will perform such RNM at no additional charge. A routine network modification is an activity that BellSouth regularly undertakes for its own customers. Routine network modifications include, but are not limited to, rearranging or splicing of cable; adding an equipment case; adding a doubler or repeater; adding a smart jack; installing a repeater shelf; adding a line card; and deploying a new multiplexer or reconfiguring an existing multiplexer. Routine network modifications may entail activities such as accessing manholes, deploying bucket trucks to reach aerial cable, and installing equipment casings. Routine network modifications do not include the construction of a new loop, or the installation of new aerial or buried cable for a CLEC.
- 21.2 Rates: BellSouth will provide for ACN at no additional charge, all RNM which BellSouth normally provides for its own customers and for which BellSouth recovers its costs through the rates set forth in Exhibit A Attachment 3 of the Agreement. BellSouth will otherwise perform Routine Network Modifications pursuant to the

- existing non-recurring charges and recurring rates ordered by the Alabama Public Service Commission for loop and transport facilities as set forth in Exhibit A Attachment 3 of the Agreement. For any RNM performed by BellSouth for which BellSouth alleges that its costs are not recovered through existing rates, BellSouth shall immediately petition the Commission to establish a permanent rate. The Commission will establish interim rates for such RNM that will be subject to true-up upon the establishment of a final rate.
- 21.3 If BellSouth does not normally provide a network modification requested by ACN for BellSouth customers, and does not recover the costs of the network modifications requested in the rates set forth in Exhibit A Attachment 3 of the Agreement, then such request will be handled as a project on an individual case basis (“ICB”). BellSouth will provide a price quote for the request and, upon receipt of payment from ACN, BellSouth will perform the network modification.
- 21.4 RNM will be performed within the intervals established for the Network Element and subject to the performance measurements and associated remedies set forth in Attachment 9 of this Agreement. Either BellSouth or ACN may seek resolution of any dispute regarding the classification of a network modification as routine or non-routine from the Commission.
22. Line Conditioning
- 22.1 Definitions: Line Conditioning is defined as the removal from a copper Loop or copper Subloop of any device that could diminish the capability of the Loop or Subloop to deliver high-speed switched wireline telecommunications capability, including digital subscriber line service. Such devices include, but are not limited to, bridged taps, load coils, low pass filters, and range extenders. Excessive bridged taps are bridged taps that serve no network design purpose and that are beyond the limits set according to industry standards and/or the BellSouth’s TR 73600 Unbundled Local Loop Technical Specification.
- 22.2 Rates: BellSouth shall perform line conditioning pursuant to the non-recurring rates and provisions ordered by the Alabama Public Service Commission in Docket 27821 which provides that BellSouth shall perform loop conditioning for loops less than 18,000 feet at no cost. Such rates were established pursuant to the Federal Communications Commission’s forward-looking principles promulgated pursuant to Section 252 (d)(1) of the Act and in compliance with rules governing non-recurring costs in 47 CFR 51.507(e).
- 22.3 Technical Requirements: BellSouth shall condition Loops, as requested by ACN, whether or not BellSouth offers advanced services to the End User on that Loop.
- 22.4 In some instances, ACN will require access to a copper twisted pair loop unfettered by any intervening equipment (e.g. fibers, load coils, range extenders, etc.), so that ACN can use the loop for a variety of services by attaching appropriate terminal

- equipment at the ends. ACN will determine the type of service that will be provided over the loop.
- 22.5 In those cases where ACN has requested that BellSouth modify a loop so that it no longer meets the technical parameters of the original loop type (e.g. voice grade, ISDN, ADSL, etc.) the resulting modified Loop will be ordered and maintained as a UCL. BellSouth shall provide the following: 1) removal of devices on 2-wire or 4-wire loops equal to or less than 18,000 feet at no additional cost, 2) removal of devices on 2-wire or 4-wire loops longer than 18,000 feet; and 3) removal of bridged-taps on loops of any length at rates established in APSC Docket 27821. (The specific non-recurring and recurring charges shall apply for each element ordered.)
- 22.6 ACN shall request Loop make-up information pursuant to this Attachment prior to submitting a service inquiry and/or a LSR for the Loop type that ACN desires BellSouth to condition.

Issue 29: What is the appropriate ICA language to implement BellSouth's EEL audit rights, if any, under the TRO?

23. EELs Audit provisions

- 23.1 BellSouth may audit ACN's records in order to verify compliance with the high capacity EEL eligibility criteria. To invoke its limited right to audit, BellSouth shall send a written Notice of Audit to ACN. Such Notice of Audit will be delivered to ACN no less than thirty (30) calendar days prior to the date upon which BellSouth seeks to commence an audit and shall set forth the reasons for the audit requested and the identity of the auditor selected by BellSouth. BellSouth shall not be required to obtain the consent of ACN with respect to the selection of the auditor. ACN may, however, challenge the legal qualifications of the auditor selected by filing an objection to that effect with the Commission within 10 days of receiving BellSouth's Notice of Audit.
- 23.2 The auditor selected shall be an independent third party retained and paid for by BellSouth. The audit must be performed 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 regarding ACN's compliance with the high capacity EEL eligibility criteria. AICPA standards and other AICPA requirements will be used to determine the independence of an auditor. The independent auditor's report will conclude whether ACN complied in all material respects with the applicable service eligibility criteria. Consistent with standard auditing practices, such audits require compliance testing designed by the independent auditor.
- 23.3 To the extent the independent auditor's report concludes that ACN failed to comply with the service eligibility criteria, ACN must true-up any difference in payments, convert all noncompliant circuits to the appropriate service, and make the correct payments on a going forward basis.
- 23.4 To the extent the independent auditor's report concludes that ACN failed to comply in all material respects with the service eligibility criteria, ACN shall reimburse BellSouth for the cost of the independent auditor. To the extent the independent auditor's report concludes that ACN did comply in all material respects with the service eligibility criteria, BellSouth will reimburse ACN for its reasonable and demonstrable costs associated with the audit. ACN will maintain appropriate documentation to support its certifications and may dispute any portion of the findings of an audit by petitioning the Commission for a review within 20 days of receiving the reported findings of the auditor.
24. ACN shall not obtain a Network Element for the exclusive provision of mobile wireless services or interexchange services.

25. Facilities that do not terminate at a demarcation point at an End User premises, including, by way of example, but not limited to, facilities that terminate to another carrier's switch or premises, a cell site, Mobile Switching Center or base station, do not constitute local Loops under Section 251, except to the extent that ACN may require Loops to such locations for the purpose of providing telecommunications services to its personnel at those locations.
26. Subloop Elements.
- 26.1 Where facilities permit, BellSouth shall offer access to its Unbundled Subloop (USL) elements as specified herein.
- 26.2 Unbundled Subloop Distribution (USLD)
- 26.2.1 The USLD facility is a dedicated transmission facility that BellSouth provides from an End User's point of demarcation to a BellSouth cross-connect device. The BellSouth cross-connect device may be located within a remote terminal (RT) or a stand-alone cross-box in the field or in the equipment room of a building. The USLD media is a copper twisted pair that can be provisioned as a 2-wire or 4-wire facility. BellSouth will make available the following subloop distribution offerings where facilities exist:
- USLD – Voice Grade (USLD-VG)
Unbundled Copper Subloop (UCSL)
USLD – Intrabuilding Network Cable (USLD-INC (aka riser cable))
- 26.2.2 USLD-VG is a copper subloop facility from the cross-box in the field up to and including the point of demarcation at the End User's premises and may have load coils.
- 26.2.3 UCSL is a copper facility eighteen thousand (18,000) feet or less in length provided from the cross-box in the field up to and including the End User's point of demarcation. If available, this facility will not have any intervening equipment such as load coils between the End User and the cross-box.
- 26.2.4 If ACN requests a UCSL and it is not available, ACN may request the copper Subloop facility be modified pursuant to the ULM process to remove load coils and/or excessive bridged taps. If load coils and/or excessive bridged taps are removed, the facility will be classified as a UCSL.
- 26.2.5 USLD-INC is the distribution facility owned or controlled by BellSouth inside a building or between buildings on the same property that is not separated by a public street or road. USLD-INC includes the facility from the cross-connect device in the building equipment room up to and including the point of demarcation at the End User's premises.
- 26.2.6 Upon request for USLD-INC from ACN, BellSouth will install a cross-connect panel in the building equipment room for the purpose of accessing USLD-INC pairs from a building equipment room. The cross-connect panel will function as a single point of

- interconnection (SPOI) for USLD-INC and will be accessible by multiple carriers as space permits. BellSouth will place cross-connect blocks in twenty five (25) pair increments for ACN's use on this cross-connect panel. ACN will be responsible for connecting its facilities to the twenty five (25) pair cross-connect block(s).
- 26.2.7 For access to Voice Grade USLD and UCSL, ACN shall install a cable to the BellSouth cross-box pursuant to the terms and conditions for physical collocation for remote sites set forth in Attachment 4. This cable would be connected by a BellSouth technician within the BellSouth cross-box during the set-up process. ACN's cable pairs can then be connected to BellSouth's USL within the BellSouth cross-box by the BellSouth technician.
- 26.2.8 Through the SI process, BellSouth will determine whether access to USLs at the location requested by ACN is technically feasible and whether sufficient capacity exists in the cross-box. If existing capacity is sufficient to meet ACN's request, then BellSouth will perform the site set-up as described in the CLEC Information Package, located at BellSouth's Interconnection Web site:
www.interconnection.bellsouth.com/products/html/unles.html.
- 26.2.9 The site set-up must be completed before ACN can order Subloop pairs. For the site set-up in a BellSouth cross-connect box in the field, BellSouth will perform the necessary work to splice ACN's cable into the cross-connect box. For the site set-up inside a building equipment room, BellSouth will perform the necessary work to install the cross-connect panel and the connecting block(s) that will be used to provide access to the requested USLs.
- 26.2.10 Once the site set-up is complete, ACN will request Subloop pairs through submission of a LSR form to the LCSC. OC is required with USL pair provisioning when ACN requests reuse of an existing facility, and the OC charge shall be billed in addition to the USL pair rate. For expedite requests by ACN for Subloop pairs, expedite charges will apply for intervals less than five (5) days.
- 26.2.11 USLs will be provided in accordance with BellSouth's TR73600 Unbundled Local Loop Technical Specifications.
- 26.3 Unbundled Network Terminating Wire (UNTW)
- 26.3.1 UNTW is unshielded twisted copper wiring that is used to extend circuits from an intra-building network cable terminal or from a building entrance terminal to an individual End User's point of demarcation. It is the final portion of the Loop that in multi-subscriber configurations represents the point at which the network branches out to serve individual subscribers.
- 26.3.2 This element will be provided in MDUs and/or Multi-Tenants Units (MTUs) where either Party owns wiring all the way to the End User's premises. Neither Party will provide this element in locations where the property owner provides its own wiring to the End User's premises, where a third party owns the wiring to the End User's premises.
- 26.3.3 Requirements

- 26.3.3.1 On a multi-unit premises, upon request of the other Party (Requesting Party), the Party owning the network terminating wire (Provisioning Party) will provide access to UNTW pairs on an Access Terminal that is suitable for use by multiple carriers at each Garden Terminal or Wiring Closet.
- 26.3.3.2 The Provisioning Party shall not be required to install new or additional NTW beyond existing NTW to provision the services of the Requesting Party.
- 26.3.3.3 In existing MDUs and/or MTUs in which BellSouth does not own or control wiring (INC/NTW) to the End Users premises, and ACN does own or control such wiring, ACN will install UNTW Access Terminals for BellSouth under the same terms and conditions as BellSouth provides UNTW Access Terminals to ACN.
- 26.3.3.4 In situations in which BellSouth activates a UNTW pair, BellSouth will compensate ACN for each pair activated commensurate to the price specified in ACN's Agreement.
- 26.3.3.5 Upon receipt of the UNTW SI requesting access to the Provisioning Party's UNTW pairs at a multi-unit premises, representatives of both Parties will participate in a meeting at the site of the requested access. The purpose of the site visit will include discussion of the procedures for installation and location of the Access Terminals. By request of the Requesting Party, an Access Terminal will be installed either adjacent to each of the Provisioning Party's Garden Terminal or inside each Wiring Closet. The Requesting Party will deliver and connect its central office facilities to the UNTW pairs within the Access Terminal. The Requesting Party may access any available pair on an Access Terminal. A pair is available when a pair is not being utilized to provide service or where the End User has requested a change in its local service provider to the Requesting Party. Prior to connecting the Requesting Party's service on a pair previously used by the Provisioning Party, the Requesting Party is responsible for ensuring the End User is no longer using the Provisioning Party's service or another CLEC's service before accessing UNTW pairs.
- 26.3.3.6 Access Terminal installation intervals will be established on an individual case basis.
- 26.3.3.7 The Requesting Party is responsible for obtaining the property owner's permission for the Provisioning Party to install an Access Terminal(s) on behalf of the Requesting Party. The submission of the SI by the Requesting Party will serve as certification by the Requesting Party that such permission has been obtained. If the property owner objects to Access Terminal installations that are in progress or within thirty (30) days after completion and demands removal of Access Terminals, the Requesting Party will be responsible for costs associated with removing Access Terminals and restoring the property to its original state prior to Access Terminals being installed.
- 26.3.3.8 The Requesting Party shall indemnify and hold harmless the Provisioning Party against any claims of any kind that may arise out of the Requesting Party's failure to obtain the property owner's permission. The Requesting Party will be billed for nonrecurring and recurring charges for accessing UNTW pairs at the time the Requesting Party activates the pair(s). The Requesting Party will notify the

Provisioning Party within five (5) business days of activating UNTW pairs using the LSR form.

- 26.3.3.9 If a trouble exists on a UNTW pair, the Requesting Party may use an alternate spare pair that serves that End User if a spare pair is available. In such cases, the Requesting Party will re-terminate its existing jumper from the defective pair to the spare pair. Alternatively, the Requesting Party will isolate and report troubles in the manner specified by the Provisioning Party. The Requesting Party must tag the UNTW pair that requires repair. If the Provisioning Party dispatches a technician on a reported trouble call and no UNTW trouble is found, the Provisioning Party will charge Requesting Party for time spent on the dispatch and testing the UNTW pair(s).
- 26.3.3.10 If the Requesting Party initiates the Access Terminal installation and the Requesting Party has not activated at least ten percent (10%) of the capacity of the Access Terminal installed pursuant to the Requesting Party's request for an Access Terminal within six (6) months of installation of the Access Terminal, the Provisioning Party will bill the Requesting Party a nonrecurring charge equal to the actual cost of provisioning the Access Terminal.
- 26.3.3.11 If the Provisioning Party determines that the Requesting Party is using the UNTW pairs without reporting the activation of the pairs, the Requesting Party will be billed for the use of that pair back to the date the End User began receiving service from the Requesting Party at that location. Upon request, the Requesting Party will provide copies of its billing record to substantiate such date. If the Requesting Party fails to provide such records, then the Provisioning Party will bill the Requesting Party back to the date of the Access Terminal installation.

UNBUNDLED NETWORK ELEMENTS - Alabama											Attachment: 2 Exh B						
CATEGORY	RATE ELEMENTS					Interim	Zone	BCS	USOC	RATES(\$)		Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l
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UNBUNDLED NETWORK ELEMENTS - Alabama												Attachment: 2 Exh B					
CATEGORY		RATE ELEMENTS	Interim	Zone	BCS	USOC	RATES(\$)					Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l
							Rec	Nonrecurring		Nonrecurring Disconnect		OSS Rates(\$)					
								First	Add'l	First	Add'l	SOME	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN
		4 Wire Unbundled Digital Loop 2.4 Kbps - Zone 1		1	NTCUD	UDL2X	26.09	126.27	88.80	59.14	14.50						
		4 Wire Unbundled Digital Loop 2.4 Kbps - Zone 2		2	NTCUD	UDL2X	35.95	126.27	88.80	59.14	14.50						
		4 Wire Unbundled Digital Loop 2.4 Kbps - Zone 3		3	NTCUD	UDL2X	37.88	126.27	88.80	59.14	14.50						
		4 Wire Unbundled Digital Loop 4.8 Kbps - Zone 1		1	NTCUD	UDL4X	26.09	126.27	88.80	59.14	14.50						
		4 Wire Unbundled Digital Loop 4.8 Kbps - Zone 2		2	NTCUD	UDL4X	35.95	126.27	88.80	59.14	14.50						
		4 Wire Unbundled Digital Loop 4.8 Kbps - Zone 3		3	NTCUD	UDL4X	37.88	126.27	88.80	59.14	14.50						
		4 Wire Unbundled Digital Loop 9.6 Kbps - Zone 1		1	NTCUD	UDL9X	26.09	126.27	88.80	59.14	14.50						
		4 Wire Unbundled Digital Loop 9.6 Kbps - Zone 2		2	NTCUD	UDL9X	35.95	126.27	88.80	59.14	14.50						
		4 Wire Unbundled Digital Loop 9.6 Kbps - Zone 3		3	NTCUD	UDL9X	37.88	126.27	88.80	59.14	14.50						
		4 Wire Unbundled Digital 19.2 Kbps - Zone 1		1	NTCUD	UDL19	26.09	126.27	88.80	59.14	14.50						
		4 Wire Unbundled Digital 19.2 Kbps - Zone 2		2	NTCUD	UDL19	35.95	126.27	88.80	59.14	14.50						
		4 Wire Unbundled Digital 19.2 Kbps - Zone 3		3	NTCUD	UDL19	37.88	126.27	88.80	59.14	14.50						
		4 Wire Unbundled Digital Loop 56 Kbps - Zone 1		1	NTCUD	UDL56	26.09	126.27	88.80	59.14	14.50						
		4 Wire Unbundled Digital Loop 56 Kbps - Zone 2		2	NTCUD	UDL56	35.95	126.27	88.80	59.14	14.50						
		4 Wire Unbundled Digital Loop 56 Kbps - Zone 3		3	NTCUD	UDL56	37.88	126.27	88.80	59.14	14.50						
		4 Wire Unbundled Digital Loop 64 Kbps - Zone 1		1	NTCUD	UDL64	26.09	126.27	88.80	59.14	14.50						
		4 Wire Unbundled Digital Loop 64 Kbps - Zone 2		2	NTCUD	UDL64	35.95	126.27	88.80	59.14	14.50						
		4 Wire Unbundled Digital Loop 64 Kbps - Zone 3		3	NTCUD	UDL64	37.88	126.27	88.80	59.14	14.50						
		Switch-As-Is Conversion rate per UNE Loop, single LSR, (per DS0)			NTCUD	URES	0.00	5.59	5.59	0.00	0.00						
		Switch-As-Is Conversion rate per UNE Loop, Spreadsheet, (per DS0)			NTCUD	URES	0.00	5.59	5.59	0.00	0.00						
ADDITIONAL NETWORK ELEMENTS																	
Optional Features & Functions:																	
		Wholesale to UNE, Switch-As-Is Conversion Charge			UNCVX, U1TVX, UNCDX, U1TDX, UNC1X, U1TD1, UNC3X, U1TD3, UNCSX, U1TS1, UDF, UDFCX	UNCCC		5.59	5.59								
		Unbundled Misc Rate Element, SNE SAI, Single Network Element - Switch As Is Non-recurring Charge, per circuit (LSR)	i		U1TVX, U1TDX, U1TD1, U1TD3, U1TS1, UDF, UE3	URES		5.59	5.59								
		Unbundled Misc Rate Element, SNE SAI, Single Network Element - Switch As Is Non-recurring Charge, incremental charge per circuit on a spreadsheet	i		U1TVX, U1TDX, U1TD1, U1TD3, U1TS1, UDF, UE3	URES		5.59	5.59								
COMMINGLING																	
		Commingling Authorization			UNCVX, UNCDX, UNC1X, UNC3X, UNCSX, U1TD1, U1TD3, U1TS1, UE3, UDLSX, U1TVX, U1TDX, U1TUB, ULDVX, ULDD1, ULDD3, ULDS1	CMGAU	0.00	0.00	0.00	0.00	0.00						
Commingled (UNE part of single bandwidth circuit)																	
		Commingled VG COCI			XDV2X, NTCVG	1D1VG	0.56	6.58	4.72								
		Commingled Digital COCI			XDV6X, NTCUD	1D1DD	1.19	6.58	4.72								
		Commingled ISDN COCI			XDD4X	UC1CA	2.41	6.58	4.72								
		Commingled 2-wire VG Interoffice Channel			XDV2X	U1TV2	21.13	40.54	27.41	16.74	6.90						
		Commingled 4-wire VG Interoffice Channel			XDV6X	U1TV4	18.73	40.54	27.41	16.74	6.90						
		Commingled 56kbps Interoffice Channel			XDD4X	U1TD5	15.12	40.54	27.41	16.74	6.90						
		Commingled 64kbps Interoffice Channel			XDD4X	U1TD6	15.12	40.54	27.41	16.74	6.90						
		Commingled VG/DS0 Interoffice Channel Mileage			XDV2X, XDV6X, XDD4X	1L5XX	0.008838										
		Commingled 2-wire Local Loop Zone 1		1	XDV2X	UEAL2	14.38	88.00	55.00	47.24	7.44						
		Commingled 2-wire Local Loop Zone 2		2	XDV2X	UEAL2	22.85	88.00	55.00	47.24	7.44						

UNBUNDLED NETWORK ELEMENTS - Alabama												Attachment: 2 Exh B					
CATEGORY		RATE ELEMENTS	Interim	Zone	BCS	USOC	RATES(\$)				Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l	
							Rec	Nonrecurring		Nonrecurring Disconnect		OSS Rates(\$)					
								First	Add'l	First	Add'l	SOMEC	SOMAN	SOMAN	SOMAN	SOMAN	
		Commingled 2-wire Local Loop Zone 3		3	XDV2X	UEAL2	36.14	88.00	55.00	47.24	7.44						
		Commingled 4-wire Local Loop Zone 1		1	XDV6X	UEAL4	25.34	131.97	94.51	59.14	14.50						
		Commingled 4-wire Local Loop Zone 2		2	XDV6X	UEAL4	38.58	131.97	94.51	59.14	14.50						
		Commingled 4-wire Local Loop Zone 3		3	XDV6X	UEAL4	60.02	131.97	94.51	59.14	14.50						
		Commingled 56kbps Local Loop Zone 1		1	XDD4X	UDL56	26.09	126.27	88.80	59.14	14.50						
		Commingled 56kbps Local Loop Zone 2		2	XDD4X	UDL56	35.95	126.27	88.80	59.14	14.50						
		Commingled 56kbps Local Loop Zone 3		3	XDD4X	UDL56	37.88	126.27	88.80	59.14	14.50						
		Commingled 64kbps Local Loop Zone 1		1	XDD4X	UDL64	26.09	126.27	88.80	59.14	14.50						
		Commingled 64kbps Local Loop Zone 2		2	XDD4X	UDL64	35.95	126.27	88.80	59.14	14.50						
		Commingled 64kbps Local Loop Zone 3		3	XDD4X	UDL64	37.88	126.27	88.80	59.14	14.50						
		Commingled ISDN Local Loop Zone 1		1	XDD4X	U1L2X	21.88	117.24	79.77	52.88	10.54						
		Commingled ISDN Local Loop Zone 2		2	XDD4X	U1L2X	32.85	117.24	79.77	52.88	10.54						
		Commingled ISDN Local Loop Zone 3		3	XDD4X	U1L2X	48.55	117.24	79.77	52.88	10.54						
		Commingled DS1 COCI			XDH1X, NTCDD1	UC1D1	13.47	6.58	4.72								
		Commingled DS1 Interoffice Channel			XDH1X	U1TF1	60.16	89.27	81.81	16.35	14.44						
		Commingled DS1 Interoffice Channel Mileage			XDH1X	1L5XX	0.18										
		Commingled DS1/DS0 Channel System			XDH1X	MQ1	107.19	91.04	62.57	10.54	9.79						
		Commingled DS1 Local Loop Zone 1		1	XDH1X	USLXX	82.55	252.47	157.54	44.70	11.71						
		Commingled DS1 Local Loop Zone 2		2	XDH1X	USLXX	154.18	252.47	157.54	44.70	11.71						
		Commingled DS1 Local Loop Zone 3		3	XDH1X	USLXX	314.52	252.47	157.54	44.70	11.71						
		Commingled DS3 Local Loop			HFQC6	UE3PX	308.08	451.52	263.94	119.49	83.58						
		Commingled DS3/STS-1 Local Loop Mileage			HFQC6, HFRST	1L5ND	8.38										
		Commingled STS-1 Local Loop			HFRST	UDLS1	319.83	451.52	263.94	119.49	83.58						
		Commingled DS3/DS1 Channel System			HFQC6	MQ3	176.20	178.14	93.97	33.26	31.83						
		Commingled DS3 Interoffice Channel			HFQC6	U1TF3	703.52	278.75	162.76	60.20	58.46						
		Commingled DS3 Interoffice Channel Mileage			HFQC6	1L5XX	4.09										
		Commingled STS-1Interoffice Channel			HFRST	U1TFS	701.37	278.75	162.76	60.20	58.46						
		Commingled STS-1Interoffice Channel Mileage			HFRST	1L5XX	4.09										
		Commingled Dark Fiber - Interoffice Transport, Per Four Fiber Strands, Per Route Mile Or Fraction Thereof			HEQDL	1L5DF	22.34										
		Commingled Dark Fiber - Interoffice Transport, Per Four Fiber Strands, Per Route Mile Or Fraction Thereof			HEQDL	UDF14		639.09	137.87	317.06	197.66						

UNBUNDLED NETWORK ELEMENTS - Alabama											Attachment: 2 Exh C						
CATEGORY	RATE ELEMENTS			Interim	Zone	BCS	USOC	RATES(\$)				Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l
							Rec	Nonrecurring		Nonrecurring Disconnect		OSS Rates(\$)					
								First	Add'l	First	Add'l	SOME C	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN
911 PBX LOCATE																	
	911 PBX LOCATE DATABASE CAPABILITY																
		Service Establishment per CLEC per End User Account					9PBDC	9PBEU		1,813.00							
		Changes to TN Range or Customer Profile					9PBDC	9PBTN		181.44							
		Per Telephone Number (Monthly)					9PBDC	9PBMM	0.07								
		Change Company (Service Provider) ID					9PBDC	9PBPC		532.60							
		PBX Locate Service Support per CLEC (Monthlt)					9PBDC	9PBMR	181.33								
		Service Order Charge					9PBDC	9PBSC		15.66							
911 PBX LOCATE TRANSPORT COMPONENT																	
See Att 3																	

**AMENDMENT TO
INTERCONNECTION AGREEMENT UNDER SECTIONS 251 AND 252 OF THE TELECOMMUNICATIONS ACT
OF 1996
BETWEEN
BELLSOUTH TELECOMMUNICATIONS, INC.
d/b/a AT&T ALABAMA
AND
ACN COMMUNICATIONS SERVICES, INC.**

The Interconnection Agreement dated¹ January 17, 2004 by and between BellSouth Telecommunications, Inc. d/b/a AT&T Alabama, and ACN Communications Services, Inc. ("ACN") ("Agreement") effective in the state of Alabama is hereby amended as follows:

1. Section 3.1 of the General Terms and Conditions is amended by adding the following section:
 - 3.1.1 Notwithstanding anything to the contrary in this section 3.1, the original expiration date of this Agreement, as modified by this Amendment, will be extended for a period of three (3) years from January 14, 2008 until January 13, 2011 (the "Extended Expiration Date"). The Agreement shall expire on the Extended Expiration Date; provided, however, that during the period from the effective date of this Amendment until the Extended Expiration Date, the Agreement may be terminated earlier either by written notice from ACN, by AT&T Alabama pursuant to the Agreement's early termination provisions, or by mutual agreement of the parties.
2. The Parties acknowledge and agree that AT&T Alabama shall permit ACN to extend this Agreement as described herein, subject to amendment to reflect future changes of law as and when they may arise.
3. EXCEPT AS MODIFIED HEREIN, ALL OTHER TERMS AND CONDITIONS OF THE UNDERLYING AGREEMENT SHALL REMAIN UNCHANGED AND IN FULL FORCE AND EFFECT.
4. In entering into this Amendment neither Party waives, and each Party expressly reserves, any rights, remedies or arguments it may have at law or under the intervening law or regulatory change provisions in the underlying Agreement (including intervening law rights asserted by either Party via written notice predating this Amendment) with respect to any orders, decisions, legislation or proceedings and any remands thereof, which the Parties have not yet fully incorporated into this Agreement or which may be the subject of further review.
5. This Amendment shall be filed with and is subject to approval by the Alabama Public Service Commission and shall become effective on the date of the last signature executing the Amendment.

¹ The term dated means the effective date of this Interconnection Agreement.

ACN Communications Services, Inc.

By: Dave Stevanovski

Name: DAVE STEVANSKI
(Print or Type)

Title: PRESIDENT
(Print or Type)

Date: 9/10/08

BellSouth Telecommunications, Inc. d/b/a
AT&T Alabama

By: Kristen E. Shore

Name: Kristen E. Shore

Title: Director

Date: 9/24/08

OCN #

ACNA

ALABAMA

AT&T Wholesale Amendment

AMENDMENT
BETWEEN
BELLSOUTH TELECOMMUNICATIONS, LLC D/B/A AT&T ALABAMA
AND
ACN COMMUNICATION SERVICES, INC.



Signature: eSigned - Daniel McLarney

Signature: _____

Name: eSigned - Daniel McLarney
(Print or Type)Name: eSigned - William A. Bockelman
(Print or Type)Title: VP Carrier Relations
(Print or Type)Title: Director
(Print or Type)Date: 24 Nov 2014Date: 26 Nov 2014

ACN Communication Services, Inc.

BellSouth Telecommunications, LLC d/b/a AT&T
ALABAMA by AT&T Services, Inc., its authorized
agent

State	Resale OCN	ULEC OCN
ALABAMA	353A	618B

Description	ACNA Code(s)
ACNA(s)	AYV

**AMENDMENT TO THE AGREEMENT
BETWEEN
ACN COMMUNICATION SERVICES, INC.
AND
BELLSOUTH TELECOMMUNICATIONS, INC d/b/a AT&T ALABAMA**

This Amendment (the "Amendment") amends the Interconnection Agreement by and between BellSouth Telecommunications, Inc. d/b/a AT&T Alabama ("AT&T SOUTHEAST REGION 9-STATE") and ACN Communication Services, Inc. ("CLEC"). AT&T SOUTHEAST REGION 9-STATE 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"), effective January 17, 2004 and as subsequently amended (the "Agreement"); 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, 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. The Parties agree to add the following definition to the General Terms and Conditions of the Interconnection Agreement:
"AT&T SOUTHEAST REGION 9-STATE" – means the AT&T owned ILEC doing business in Alabama, Florida, Georgia, Kentucky, Louisiana, Mississippi, North Carolina, South Carolina and Tennessee.
3. The Parties agree to add Exhibit A Intercarrier Compensation for Wholesale Local Switching as Exhibit F to Attachment 3 of the Agreement.
4. The Parties agree to add the rates for Local Interconnection (Call Transport and Termination) for Wholesale Local Switching in AT&T SOUTHEAST REGION 9-STATE as set forth in Exhibit B, the AT&T Pricing Sheet(s) for the State of Alabama.
5. The Parties agree to replace Section 19 of the General Terms and Conditions to the Agreement with the following language:

19. Notices

19.1 Notices given by one Party to the other Party under this Agreement shall be in writing (unless specifically provided otherwise herein), and unless otherwise expressly required by this Agreement to be delivered to another representative or point of contact, shall be pursuant to at least one of the following methods:

19.1.1 delivered personally, delivered by express delivery service or mailed via certified mail or first class U.S. Postal Service, with postage prepaid and a return receipt requested.

19.1.2 delivered by facsimile provided CARRIER and/or AT&T SOUTHEAST REGION 9-STATE has provided such information in Section 19.3 below.

19.1.3 delivered by electronic mail (email) provided CARRIER and/or AT&T SOUTHEAST REGION 9-STATE has provided such information in Section 19.3 below.

19.2 Notices will be deemed given as of the earliest of:

19.2.1 the date of actual receipt;

19.2.2 the next Business Day when sent via express delivery service;

19.2.3 five (5) calendar days after mailing in the case of first class or certified U.S. Postal Service; or

19.2.4 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.

19.2.5 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 to CARRIER AT&T SOUTHEAST REGION 9-STATE.

19.3 Notices will be addressed to the Parties as follows:

NOTICE CONTACT	CARRIER CONTACT
NAME/TITLE	General Counsel
STREET ADDRESS	1000 Progress Place
CITY, STATE, ZIP CODE	Concord, NC 28025
PHONE NUMBER*	(704) 260-3000
FACSIMILE NUMBER	(704) 260-3304
EMAIL ADDRESS	leganotices@acninc.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	214-712-5792
EMAIL ADDRESS	The current email address as provided on AT&T's CLEC Online website

*Informational only and not to be considered as an official notice vehicle under this Section.

19.4 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 19. 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.

19.5 In addition, CARRIER agrees that it is responsible for providing AT&T SOUTHEAST REGION 9-STATE with CARRIER's OCN and ACNA numbers for the States in which CARRIER is authorized to do business and in which CARRIER is requesting that this Agreement apply. In the event that CARRIER wants to change and/or add to the OCN and/or ACNA information in the CLEC Profile, CARRIER shall send written notice to AT&T SOUTHEAST REGION 9-STATE to be received at least thirty (30) days prior to the change and/or addition in accordance with this Section 19 notice provision; CARRIER shall also update its CLEC Profile through the applicable form and/or web-based interface.

19.5.1 CARRIER 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 CARRIER.

19.5.2 CARRIER may be able to place orders for certain services in AT&T SOUTHEAST REGION 9-STATE 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 CARRIER has not properly updated its CLEC Profile, ordering capabilities will cease, and CARRIER will not be able to place orders until thirty (30) days after CARRIER has properly updated its CLEC Profile.

19.6 AT&T SOUTHEAST REGION 9-STATE communicates official information to CARRIERS via its Accessible Letter, or other applicable, notification processes. These processes involve electronic transmission and/or posting to the AT&T SOUTHEAST REGION 9-STATE CLEC Online website, inclusive of a variety of subjects including changes on business processes and policies, and other product/service related notices not requiring an amendment to this Agreement.

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

6. EXCEPT AS MODIFIED HEREIN, ALL OTHER TERMS AND CONDITIONS OF THE UNDERLYING AGREEMENT SHALL REMAIN UNCHANGED AND IN FULL FORCE AND EFFECT.
7. Reservation of Rights. 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.
8. This Amendment shall not modify or extend the Effective Date or Term of the underlying Agreement, but rather, shall be coterminous with such Agreement.
9. 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.

1.0 Intercarrier Compensation for Wholesale Local Switching Traffic

- 1.1 Where CLEC purchases local switching from AT&T SOUTHEAST REGION 9-STATE either on a stand alone basis or in combination pursuant to the terms of a separately negotiated commercial agreement (herein after referred to as "Wholesale Local Switching" or "switching on a wholesale basis"), CLEC shall establish agreements with and will deal directly with Third Party carriers, such as independent companies, ILECs, CMRS or wireless carriers and other CLECs, for purposes of reciprocal compensation for calls originated by or terminated to the End Users served by such arrangements. AT&T SOUTHEAST REGION 9-STATE is required to provide CLEC with timely, complete and correct information to enable CLEC to meet the requirements of this Section.
- 1.2 The following intercarrier compensation terms shall apply to all traffic exchanged between AT&T SOUTHEAST REGION 9-STATE and CLEC when CLEC purchases Wholesale Local Switching.
 - 1.2.1 For calls terminating to third parties, such as other CLECs, wireless carriers and independent companies, CLEC shall establish agreements with and will deal directly with third party carriers for purposes of intercarrier compensation for calls originated by or terminated to the End Users served by such arrangements. If CLEC does not have such an agreement with a third party carrier and AT&T SOUTHEAST REGION 9-STATE is charged termination charges by a third party terminating a call originated by CLEC, or if such third party carrier bills AT&T SOUTHEAST REGION 9-STATE for terminating such calls, despite the existence of such an agreement, then AT&T SOUTHEAST REGION 9-STATE may, at its option:
 - 1.2.1.1 Pay such charges as billed by the third party carrier and charge End Office Switching or its equivalent to CLEC as set forth in the pricing schedule; or
 - 1.2.1.2 Pay such charges as billed by the third party carrier and CLEC will reimburse the full amount of such charges within thirty (30) days of AT&T SOUTHEAST REGION 9-STATE's request for reimbursement.
 - 1.2.2 The following reciprocal compensation terms shall apply to all traffic exchanged between AT&T SOUTHEAST REGION 9-STATE and CLEC when CLEC purchases local switching from AT&T SOUTHEAST REGION 9-STATE on a wholesale basis.
 - 1.2.2.1 For intra-switch Wholesale Local Switching Traffic exchanged between AT&T SOUTHEAST REGION 9-STATE and CLEC, the Parties agree to impose no call termination charges pertaining to reciprocal compensation on each other.
 - 1.2.3 For inter switch 7 or 10-digit dialed Wholesale Local Switching Traffic originated by CLEC, intercarrier compensation shall apply as follows:
 - 1.2.3.1 For interswitch Wholesale Local Switching Traffic exchanged between AT&T SOUTHEAST REGION 9-STATE and CLEC where CLEC's End User originates a call that is terminated to an AT&T SOUTHEAST REGION 9-STATE End User or to an End User served by AT&T SOUTHEAST REGION 9-STATE resold services in the AT&T SOUTHEAST REGION 9-STATE area, CLEC shall compensate AT&T for such traffic at the End Office Switching rate or its equivalent as set forth in the Pricing Schedule.
 - 1.2.3.2 For calls originated by a third party and terminating to CLEC where such CLEC purchases Wholesale Local Switching from AT&T SOUTHEAST REGION 9-STATE to provide service to its End User, AT&T SOUTHEAST REGION 9-STATE shall charge the originating CLEC for End Office Switching or its equivalent as set forth in the Pricing Schedule at the terminating end office. AT&T SOUTHEAST REGION 9-STATE shall not charge the terminating CLEC for End Office Switching or its equivalent at the terminating end office.
 - 1.2.4 For inter switch 7 or 10-digit dialed Wholesale Local Switching Traffic terminated by CLEC, intercarrier compensation shall apply as follows:
 - 1.2.4.1 For calls originated by an AT&T SOUTHEAST REGION 9-STATE End User or by an End User served by AT&T SOUTHEAST REGION 9-STATE resold services, AT&T SOUTHEAST REGION 9-STATE shall not charge CLEC for End Office Switching at the terminating end office

for use of the network component; therefore, CLEC may not charge AT&T SOUTHEAST REGION 9-STATE intercarrier compensation or any other charges for termination of such calls.

- 1.2.4.2 For calls originated by a third party CLEC where such CLEC purchases Wholesale Local Switching from AT&T SOUTHEAST REGION 9-STATE to provide service to its End User, AT&T SOUTHEAST REGION 9-STATE shall not charge CLEC for End Office Switching at the terminating end office for use of the network component; therefore, CLEC shall not charge the originating CLEC or AT&T SOUTHEAST REGION 9-STATE intercarrier compensation or any other charges for termination of such calls.
- 1.2.5 For intraLATA 1+ dialed Wholesale Local Switching Traffic terminating to CLEC where the originating carrier uses AT&T SOUTHEAST REGION 9-STATE's Carrier Identification Code (CIC) for its End User's LPIC, then intercarrier compensation shall apply as follows:
 - 1.2.5.1 For calls originated by an AT&T SOUTHEAST REGION 9-STATE End User or by an End User served by AT&T SOUTHEAST REGION 9-STATE resold services, AT&T SOUTHEAST REGION 9-STATE shall charge CLEC for End Office Switching or its equivalent as set forth in the Pricing Schedule at the terminating end office for use of the end office switching network components used in terminating such calls. CLEC may charge AT&T SOUTHEAST REGION 9-STATE for intercarrier compensation at the rate for End Office Switching or its equivalent as set forth in the Pricing Schedule. CLEC shall not charge originating or terminating switched access rates to AT&T SOUTHEAST REGION 9-STATE for termination of those calls.
- 1.2.6 For intraLATA 1+ dialed Wholesale Local Switching Traffic originated by CLEC where CLEC uses AT&T SOUTHEAST REGION 9-STATE Carrier Identification Code (CIC) for its End User's Local Preferred Interexchange Carrier (LPIC), intercarrier compensation shall apply as follows:
 - 1.2.6.1 For calls terminating to AT&T SOUTHEAST REGION 9-STATE or to an End User served by AT&T SOUTHEAST REGION 9-STATE resold services, AT&T SOUTHEAST REGION 9-STATE shall charge CLEC for End Office Switching or its equivalent as set forth in the Pricing Schedule.
 - 1.2.6.2 For calls terminating to a third party LEC where such LEC is utilizing AT&T SOUTHEAST REGION 9-STATE Wholesale Local Switching to provide service to its End User, AT&T SOUTHEAST REGION 9-STATE shall charge CLEC for End Office Switching or its equivalent as set forth in the Pricing Schedule. AT&T SOUTHEAST REGION 9-STATE will not charge the terminating LEC for End Office Switching at the terminating end office. In the event that AT&T SOUTHEAST REGION 9-STATE is charged terminating charges by the LEC, AT&T SOUTHEAST REGION 9-STATE may pay such charges and CLEC will reimburse AT&T SOUTHEAST REGION 9-STATE the full amount of such charges within thirty (30) days following AT&T SOUTHEAST REGION 9-STATE's request for reimbursement.
- 1.2.7 For calls originated by or terminating to interexchange carriers (IXCs) through a switched access service arrangement, CLEC may bill the IXC in accordance with the CLEC's tariff and will not bill AT&T SOUTHEAST REGION 9-STATE any charges for such calls. CLEC shall pay AT&T SOUTHEAST REGION 9-STATE applicable charges for the use of AT&T SOUTHEAST REGION 9-STATE's network in accordance with the rates set forth in the Pricing Schedule.

PRICING SHEETS

[illegible]

PRICING SHEETS

[illegible]

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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 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 WHOLESAL, 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

ACN COMMUNICATION SERVICES, LLC



Signature: eSigned - Kevin MacDermottSignature: eSigned - William BockelmanName: eSigned - Kevin MacDermott
(Print or Type)Name: eSigned - William Bockelman
(Print or Type)Title: Chief Operating Officer
(Print or Type)Title: DIR-INTERCONNECTION AGREEMENTS
(Print or Type)Date: 18 Jul 2017Date: 20 Jul 2017

ACN Communication Services, LLC

BellSouth Telecommunications, LLC d/b/a AT&T ALABAMA, AT&T FLORIDA, AT&T GEORGIA, AT&T KENTUCKY, AT&T LOUISIANA, AT&T 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	353A	618B	---
ARKANSAS	353A	118C	---
CALIFORNIA	353A	409A	409A
FLORIDA	353A	986A	---
GEORGIA	353A	963A	---
ILLINOIS	353A	112B	---
INDIANA	353A	779C	---
KANSAS	353A	957B	---
KENTUCKY	353A	619B	---
LOUISIANA	353A	992B	---
MICHIGAN	353A	351A	---
MISSOURI	353A	512B	---
NEVADA	353A	513B	513B
NORTH CAROLINA	353A	125B	---
OHIO	353A	391A	---

OKLAHOMA	353A	660B	- - -
SOUTH CAROLINA	353A	291C	- - -
TENNESSEE	353A	805B	- - -
TEXAS	353A	410A	- - -
WISCONSIN	353A	632B	- - -

Description	ACNA Code(s)
ACNA(s)	AYV

**AMENDMENT TO THE AGREEMENT
BETWEEN
ACN COMMUNICATION SERVICES, LLC
AND**

BELLSOUTH TELECOMMUNICATIONS, LLC D/B/A AT&T ALABAMA, AT&T FLORIDA, AT&T GEORGIA, AT&T KENTUCKY, AT&T LOUISIANA, AT&T 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 CLEC as shown in the attached Exhibit A.

WHEREAS, AT&T and CLEC are Parties to the Agreements as shown in the attached Exhibit A.

WHEREAS, CLEC has changed its registered names and desires to modify the Agreement to incorporate such changes; 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 Lifeline Order"); and

WHEREAS, the Parties desire to amend the Agreement to implement to the *Connect America Fund et al.*, WC Docket No. 10-90 et al, Report and Order issued by the Federal Communications Commission ("FCC") on November 18, 2011 (FCC 11-161), and as amended by the FCC on December 23, 2011 (FCC 11-189) ("FCC ICC Reform Order"), and

WHEREAS, the Parties desire to amend the Agreement to implement the *Petition of USTelecom for Forbearance Pursuant to 47 U.S.C. § 160(c) from Enforcement of Obsolete ILEC Legacy Regulations That Inhibit Deployment of Next- Generation Networks*, WC Docket No. 14-192, Released December 28, 2015 ("FCC US Telecom Forbearance Order").

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 - Agreements and Exhibit B - Pricing Sheet, all of which are hereby incorporated within this Amendment by this reference and constitute a part of this Amendment.
2. For the states of Alabama, California, Florida, Georgia, Kansas, Kentucky, Louisiana, Michigan, North Carolina, South Carolina and Tennessee, the Agreements are hereby amended to reflect the name change from ACN Communications Services, Inc. to ACN Communication Services, LLC.
3. For the states of Arkansas, Illinois, Indiana, Missouri, Nevada, Ohio, Oklahoma, Texas and Wisconsin, the Agreements are hereby amended to reflect the name change from ACN Communication Services, Inc. to ACN Communication Services, LLC.
4. **Lifeline and Link Up Services**
 - 4.1. 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.
5. **Intercarrier Compensation**

- 5.1. The Parties hereby implement the intercarrier compensation rates reflected in the Pricing Sheet attached hereto as Exhibit B, 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 B hereby supersede the existing rate elements included in the Agreement for purposes of reciprocal compensation.

6. **Forbearance**

- 6.1. 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.

7. The Parties agree to replace the entire Notices Section from the Agreement(s) 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	John Dunne Carrier Relations Specialist
STREET ADDRESS	1100 Ave des Canadiens-de-Montreal, Office 450
CITY, STATE, ZIP CODE	Montreal QC H3B 2S2
PHONE NUMBER*	(514) 390-2451
FACSIMILE NUMBER	N/A
EMAIL ADDRESS	john.dunne@acninc.com

Copy To:

NOTICE CONTACT	CLEC CONTACT

NAME/TITLE	ACN, Inc. Attn: Legal
STREET ADDRESS	1000 Progress Place NE
CITY, STATE, ZIP CODE	Concord, NC 28025
PHONE NUMBER*	(704) 260-3000
FACSIMILE NUMBER	(704) 260-3304
EMAIL ADDRESS	legalnotices@acninc.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.
8. There shall be no retroactive application of any provision of this Amendment prior to the Effective Date of an adopting CLEC's agreement.
9. 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.

10. 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.
11. This Amendment shall not modify or extend the Effective Date or Term of the underlying Agreement, but rather, shall be coterminous with such Agreement.
12. EXCEPT AS MODIFIED HEREIN, ALL OTHER TERMS AND CONDITIONS OF THE UNDERLYING AGREEMENT SHALL REMAIN UNCHANGED AND IN FULL FORCE AND EFFECT.
13. 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.
14. For all States except Arkansas, Ohio, California, and Wisconsin: 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 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) calendar days after the mailing date of the final order approving this Amendment.

Exhibit A

AT&T ILEC ("AT&T")	CARRIER Legal Name	Contract Type	Dated
BellSouth Telecommunications, LLC d/b/a AT&T ALABAMA	ACN Communication Services, LLC	Interconnection Agreement	12/18/2003
BellSouth Telecommunications, LLC d/b/a AT&T FLORIDA	ACN Communication Services, LLC	Interconnection Agreement	05/12/2003
BellSouth Telecommunications, LLC d/b/a AT&T GEORGIA	ACN Communication Services, LLC	Interconnection Agreement	05/12/2003
BellSouth Telecommunications, LLC d/b/a AT&T KENTUCKY	ACN Communication Services, LLC	Interconnection Agreement	12/18/2003
BellSouth Telecommunications, LLC d/b/a AT&T LOUISIANA	ACN Communication Services, LLC	Interconnection Agreement	12/18/2003
BellSouth Telecommunications, LLC d/b/a AT&T NORTH CAROLINA	ACN Communication Services, LLC	Interconnection Agreement	05/12/2003
BellSouth Telecommunications, LLC d/b/a AT&T SOUTH CAROLINA	ACN Communication Services, LLC	Interconnection Agreement	12/18/2003
BellSouth Telecommunications, LLC d/b/a AT&T TENNESSEE	ACN Communication Services, LLC	Interconnection Agreement	05/12/2003
Illinois Bell Telephone Company d/b/a AT&T ILLINOIS	ACN Communication Services, LLC	Interconnection Agreement	05/06/2003
Indiana Bell Telephone Company Incorporated d/b/a AT&T INDIANA	ACN Communication Services, LLC	Interconnection Agreement	10/07/2005
Michigan Bell Telephone Company d/b/a AT&T MICHIGAN	ACN Communication Services, LLC	Interconnection Agreement	10/11/2002

AT&T ILEC ("AT&T")	CARRIER Legal Name	Contract Type	Dated
Nevada Bell Telephone Company d/b/a AT&T NEVADA and AT&T Wholesale	ACN Communication Services, LLC	Interconnection Agreement	12/02/2003
The Ohio Bell Telephone Company d/b/a AT&T OHIO	ACN Communication Services, LLC	Interconnection Agreement	10/29/2002
Pacific Bell Telephone Company d/b/a AT&T CALIFORNIA	ACN Communication Services, LLC	Interconnection Agreement	Approved: 03/08/2003
Southwestern Bell Telephone Company d/b/a AT&T ARKANSAS	ACN Communication Services, LLC	Interconnection Agreement	03/09/2006
Southwestern Bell Telephone Company d/b/a AT&T KANSAS	ACN Communication Services, LLC	Interconnection Agreement	09/26/2005
Southwestern Bell Telephone Company d/b/a AT&T MISSOURI	ACN Communication Services, LLC	Interconnection Agreement	08/22/2005
Southwestern Bell Telephone Company d/b/a AT&T OKLAHOMA	ACN Communication Services, LLC	Interconnection Agreement	09/25/2009
Southwestern Bell Telephone Company d/b/a AT&T TEXAS	ACN Communication Services, LLC	Interconnection Agreement	09/16/2005
Wisconsin Bell, Inc. d/b/a AT&T WISCONSIN	ACN Communication Services, LLC	Interconnection Agreement	12/02/2003

PRICING SHEETS

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone	Monthly Recurring Charge (MRC)	Non- Recurring Charge (NRC) First	Non- Recurring Charge (NRC) Additional	Per Unit
2MR-AT	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

PRICING SHEETS

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone	Monthly Recurring Charge (MRC)	Non- Recurring Charge (NRC) First	Non- Recurring Charge (NRC) Additional	Per Unit
2MR-AT	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

PRICING SHEETS

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone	Monthly Recurring Charge (MRC)	Non- Recurring Charge (NRC) First	Non- Recurring Charge (NRC) Additional	Per Unit
2MR-AT	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

PRICING SHEETS

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone	Monthly Recurring Charge (MRC)	Non- Recurring Charge (NRC) First	Non- Recurring Charge (NRC) Additional	Per Unit
2MR-AT	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

PRICING SHEETS

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone	Monthly Recurring Charge (MRC)	Non- Recurring Charge (NRC) First	Non- Recurring Charge (NRC) Additional	Per Unit
2MR-AT	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

PRICING SHEETS

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone	Monthly Recurring Charge (MRC)	Non- Recurring Charge (NRC) First	Non- Recurring Charge (NRC) Additional	Per Unit
2MR-AT	IL	LOCAL INTERCONNECTION (CALL TRANSPORT AND TERMINATION)	Rate for all ISP-Bound and Section 251(b)(5) Traffic as per FCC-01-131, per MOU	OHU	USG15		\$0.00			MOU

PRICING SHEETS

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone	Monthly Recurring Charge (MRC)	Non- Recurring Charge (NRC) First	Non- Recurring Charge (NRC) Additional	Per Unit
2MR-AT	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

PRICING SHEETS

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone	Monthly Recurring Charge (MRC)	Non- Recurring Charge (NRC) First	Non- Recurring Charge (NRC) Additional	Per Unit
2MR-AT	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

PRICING SHEETS

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone	Monthly Recurring Charge (MRC)	Non- Recurring Charge (NRC) First	Non- Recurring Charge (NRC) Additional	Per Unit
2MR-AT	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

PRICING SHEETS

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone	Monthly Recurring Charge (MRC)	Non- Recurring Charge (NRC) First	Non- Recurring Charge (NRC) Additional	Per Unit
2MR-AT	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

PRICING SHEETS

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone	Monthly Recurring Charge (MRC)	Non- Recurring Charge (NRC) First	Non- Recurring Charge (NRC) Additional	Per Unit
2MR-AT	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

PRICING SHEETS

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone	Monthly Recurring Charge (MRC)	Non- Recurring Charge (NRC) First	Non- Recurring Charge (NRC) Additional	Per Unit
2MR-AT	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

PRICING SHEETS

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone	Monthly Recurring Charge (MRC)	Non- Recurring Charge (NRC) First	Non- Recurring Charge (NRC) Additional	Per Unit
2MR-AT	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

PRICING SHEETS

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone	Monthly Recurring Charge (MRC)	Non- Recurring Charge (NRC) First	Non- Recurring Charge (NRC) Additional	Per Unit
2MR-AT	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

PRICING SHEETS

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone	Monthly Recurring Charge (MRC)	Non- Recurring Charge (NRC) First	Non- Recurring Charge (NRC) Additional	Per Unit
2MR-AT	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

PRICING SHEETS

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone	Monthly Recurring Charge (MRC)	Non- Recurring Charge (NRC) First	Non- Recurring Charge (NRC) Additional	Per Unit
2MR-AT	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

PRICING SHEETS

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone	Monthly Recurring Charge (MRC)	Non- Recurring Charge (NRC) First	Non- Recurring Charge (NRC) Additional	Per Unit
2MR-AT	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

PRICING SHEETS

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone	Monthly Recurring Charge (MRC)	Non- Recurring Charge (NRC) First	Non- Recurring Charge (NRC) Additional	Per Unit
2MR-AT	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

PRICING SHEETS

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone	Monthly Recurring Charge (MRC)	Non-Recurring Charge (NRC) First	Non-Recurring Charge (NRC) Additional	Per Unit
2MR-AT	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

PRICING SHEETS

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone	Monthly Recurring Charge (MRC)	Non- Recurring Charge (NRC) First	Non- Recurring Charge (NRC) Additional	Per Unit
2MR-AT	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

INTERCONNECTION 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 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

ACN COMMUNICATION SERVICES, LLC

Signature: eSigned - Dave StevanovskiName: eSigned - Dave Stevanovski
(Print or Type)Title: President
(Print or Type)Date: 20 Jul 2020**ACN Communication Services, LLC**Signature: eSigned - William BockelmanName: eSigned - William Bockelman
(Print or Type)Title: DIR-INTERCONNECTION AGREEMENTS
(Print or Type)Date: 21 Jul 2020

BellSouth Telecommunications, LLC d/b/a AT&T ALABAMA, AT&T FLORIDA, AT&T GEORGIA, AT&T KENTUCKY, AT&T LOUISIANA, 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 by AT&T Services, Inc., its authorized agent

**AMENDMENT TO THE AGREEMENT
BETWEEN
ACN COMMUNICATIONS SERVICES, LLC AND ACN COMMUNICATION SERVICES, LLC
AND
BELLSOUTH TELECOMMUNICATIONS, LLC D/B/A AT&T ALABAMA,
AT&T FLORIDA, AT&T GEORGIA, AT&T KENTUCKY, AT&T LOUISIANA,
AT&T 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 CLEC as shown in the attached Exhibit A.

WHEREAS, AT&T and CLEC are Parties to the Agreements as shown in the attached Exhibit A; and

WHEREAS, the Parties agree to reflect the name change from "ACN Communications Services, Inc." to "ACN Communications Services, LLC" in the state of Alabama.

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 UNE and Resale Forbearance 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. For the state of Alabama, the Agreement executed on December 18, 2003 is hereby amended to reflect the name change from "ACN Communications Services, Inc." to "ACN Communications Services, LLC".
3. As of February 2, 2020, except for resale services that are grandfathered pursuant to subsection a, CLEC may no longer purchase any resale services pursuant to the rates, terms and conditions of this Agreement, including any resale Tariff referred to in this Agreement, other than the rates, terms and conditions provided for in Attachment 251(b)(1) Resale.
 - a. Resale services ordered on or before February 1, 2020 ("Resale Embedded Base"), are grandfathered until August 2, 2022, 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.
4. Add Attachment - 251(b)(1) Resale to the Agreement.

5. 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 B 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.
 - a. To the extent CLEC fails to adhere to the above, at AT&T’s reasonable discretion, AT&T 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), or
 - iv. disconnect.
 - b. AT&T reserves the right 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.
6. 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 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.
 - 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.
7. 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.

8. This Amendment shall not modify or extend the Effective Date or Term of the underlying Agreement, but rather, shall be coterminous with such Agreement.
9. EXCEPT AS MODIFIED HEREIN, ALL OTHER TERMS AND CONDITIONS OF THE UNDERLYING AGREEMENT SHALL REMAIN UNCHANGED AND IN FULL FORCE AND EFFECT.
10. Signatures by all Parties to this Amendment are required to effectuate this Amendment. This Amendment may be executed in counterparts. Each counterpart shall be considered an original and such counterpart shall together constitute one and the same instrument.
11. For Alabama, Florida, Georgia, Illinois, Indiana, Kansas, Kentucky, Louisiana, Michigan, 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.

ATTACHMENT 16b – 251(b)(1) RESALE

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1.0 INTRODUCTION

- 1.1 This Attachment sets forth terms and conditions for Section 251(b)(1) resale services (“Resale Services”) provided by AT&T-21STATE to CLEC.
- 1.2 Pursuant to Section 251(b)(1), beginning February 2, 2020, CLEC may order and AT&T-21STATE shall make available to CLEC for resale, pursuant to the rates, terms and conditions of this Attachment, Telecommunications Services that AT&T-21STATE provides at retail to End Users who are not Telecommunications Carriers. Beginning August 2, 2022, this Attachment shall govern all Resale Services CLEC purchases from AT&T-21STATE, including Resale Services that were purchased prior to August 2, 2022 pursuant to other provisions of this Agreement and/or resale tariff and that remain in service as of that date (“Resale Embedded Base”).

2.0 GENERAL PROVISIONS

- 2.1 AT&T-21STATE’s obligation to provide Resale Services under this Attachment is subject to availability of existing facilities. CLEC may resell Telecommunications Services provided hereunder only in those service areas in which such Resale Services or any feature or capability thereof are currently offered to AT&T-21STATE’s End Users at retail.
- 2.2 Notwithstanding any other provision in this Agreement or in any applicable Tariff, once a retail service has been grandfathered it is available to CLEC for resale pursuant to the rates, terms and conditions of the state-specific retail Tariff and only:
- (i) to the same End User; and
 - (ii) at that same End User’s existing location;
 - (iii) both as of the time of that service’s grandfathering.
- 2.3 AT&T-21STATE may withdraw the availability of certain Telecommunication Services that AT&T-21STATE previously provisioned to CLEC or retail End Users pursuant to C.F.R 51.325 through 51.335 as such rules may be amended from time to time (the “Network Disclosure Rules”).
- 2.4 CLEC shall not use any Resale Services to avoid the rates, terms and conditions of AT&T-21STATE’s corresponding retail Tariff(s). Moreover, CLEC shall not use any Resale Services to provide access or interconnection services to itself, interexchange carriers (IXCs), wireless carriers, competitive access providers (CAPs), interconnected VoIP providers (IVPs), mobile virtual network operators (MVNOs), or other Telecommunications providers; provided, however, that CLEC may permit its End Users to use resold local exchange telephone service to access IXCs, wireless carriers, CAPs, or other retail Telecommunications providers. CLEC may not resell any Resale Services to another CLEC, including its own Affiliate(s).
- 2.5 Except as otherwise expressly provided herein, the state-specific retail Tariff(s) shall govern the rates, terms and conditions associated with the Telecommunications Services available to CLEC for resale, except for any resale restrictions; provided, however, that any restrictions on further resale by the End User shall continue to apply. CLEC and its End Users may not use Resale Services in any manner not permitted for AT&T-21STATE’s End Users. Any change to the rates, terms and conditions of any applicable Tariff is automatically incorporated herein and is effective hereunder on the date any such change is effective.
- 2.6 CLEC shall only sell Plexar®, Centrex and Centrex-like services to a single End User or multiple End User(s) in accordance with the terms and conditions set forth in the retail Tariff(s) applicable to the state(s) in which service is being offered.
- 2.7 Except where otherwise explicitly permitted in AT&T-21STATE’s Tariff(s), CLEC shall not permit the sharing of Resale Services by multiple End User(s) or the aggregation of traffic from multiple End User(s) onto a single service.
- 2.8 CLEC shall only provide Resale Services under this Attachment to the same category of End User(s) to which AT&T-21STATE offers such services (for example, residence service shall not be resold to business End Users).
- 2.9 Special Needs Services are services for the physically disabled as defined in state-specific Tariffs. Where available for resale in accordance with state-specific Tariffs, CLEC may resell Special Needs Services to End Users who are

eligible for each such service. To the extent CLEC provides Resale Services that require certification on the part of the End User, CLEC shall ensure that the End User meets all the Tariff eligibility requirements, has obtained proper certification, continues to be eligible for the program(s), and complies with all rules and regulations as established by the appropriate Commission and state Tariffs.

- 2.10 When ordering Resale Services that have an eligibility requirement (e.g., available only in a “retention”, “winback”, or “competitive acquisition” setting), CLEC shall maintain (and provide to AT&T-21STATE upon reasonable request) appropriate documentation, including, but not limited to, original End User service order data, evidencing the eligibility of its End User(s) for such offering or promotion. AT&T-21STATE may request up to one (1) audit for each promotion per twelve (12) month period that may cover up to the preceding twenty-four (24) month period.
- 2.11 Promotions of ninety (90) calendar days or less (“Short-Term Promotions”) shall not be available for resale. Promotions lasting longer than ninety (90) calendar (“Long-Term Promotions”) may be made available for resale. AT&T 21-STATE may eliminate any Resale Discount on all or certain Long-Term Promotions by providing a 45-day notice of such elimination.
- 2.12 If CLEC is in violation of any provision of this Attachment, AT&T-21STATE will notify CLEC of the violation in writing (“Resale Notice”). Such Resale Notice shall refer to the specific provision being violated. CLEC will have the breach cure period as specified in the General Terms and Conditions of this Agreement to correct the violation and notify AT&T-21STATE in writing that the violation has been corrected. AT&T-21STATE will bill CLEC the greater of:
- (i) the charges that would have been billed by AT&T-21STATE to CLEC or any Third Party but for the stated violation; or
 - (ii) the actual amounts CLEC billed its End User(s) in connection with the stated violation.
- 2.13 Notwithstanding any other provision of this Agreement, CLEC acknowledges and agrees that the assumption or resale to similarly-situated End Users of customer specific arrangement contracts, individual case basis contracts, or any other customer specific pricing contract is not addressed in this Agreement and that if CLEC would like to resell such arrangements, it may only do so consistent with applicable law and after negotiating an amendment hereto that establishes the rates, terms and conditions thereof. Such amendment will only be effective upon written execution by both Parties and approval by the Commission(s).
- 2.14 Except where otherwise required by law, CLEC shall not, without AT&T-21STATE’s prior written authorization, offer the services covered by this Attachment using the trademarks, service marks, trade names, brand names, logos, insignia, symbols or decorative designs of AT&T-21STATE or its Affiliates, nor shall CLEC state or imply that there is any joint business association or similar arrangement with AT&T-21STATE in the provision of Telecommunications Services to CLEC’s End Users.

3.0 PRICING AND DISCOUNTS

- 3.1 “Resale Discount” means the applicable discount off retail rates applied to AT&T-21STATE Telecommunications Services resold by CLEC to its End Users. Any change to the rates, terms and conditions of any applicable retail Tariff is automatically incorporated herein and is effective hereunder on the date any such change is effective.
- 3.2 The Resale Discounts in the underlying Interconnection Agreement will apply until AT&T-21STATE provides notification of change to the Resale Discounts. AT&T-21STATE will provide such notification at least three (3) months in advance of any change to current Resale Discounts. Changes to the Resale Discounts will be posted to AT&T CLEC Online and will be incorporated by reference upon the effective date stated therein. For avoidance of doubt, changes to Resale Discounts do not apply to Embedded Base Resale until August 2, 2022.

4.0 RESPONSIBILITIES OF PARTIES

- 4.1 CLEC shall be responsible for modifying and connecting any of its systems with AT&T-21STATE-provided interfaces, as outlined in Attachment 07 – Operations Support Systems (OSS), and CLEC agrees to abide by AT&T-21STATE procedures for ordering Resale Services. CLEC shall obtain End User authorization as required by applicable federal and state laws and regulations and assumes responsibility for applicable charges as specified in Section 258(b) of the Act.

- 4.2 CLEC shall release End User accounts in accordance with the directions of its End Users or an End User's authorized agent. When a CLEC End User switches to another carrier, AT&T-21STATE may reclaim the End User or process orders for another carrier, as applicable.
- 4.3 CLEC will have the ability to report trouble for its End Users to the appropriate AT&T-21STATE maintenance center(s) as provided in the CLEC Online Handbook(s). CLEC End Users calling AT&T-21STATE will be referred to CLEC at the telephone number(s) provided by CLEC to AT&T-21STATE. Nothing herein shall be interpreted to authorize CLEC to repair, maintain, or in any way touch AT&T-21STATE's network facilities, including without limitation those facilities on End User premises.
- 4.4 CLEC's End Users' that activate Call Trace, or who are experiencing annoying calls, should contact law enforcement. Law Enforcement works with the appropriate AT&T-21STATE operations centers responsible for handling such requests. AT&T-21STATE shall notify CLEC of requests by its End Users to provide call records to the proper authorities. Subsequent communication and resolution of each case involving one of CLEC's End Users (whether that End User is the victim or the suspect) will be coordinated through CLEC. AT&T-21STATE shall be indemnified, defended and held harmless by CLEC and/or the End User against any claim, loss or damage arising from providing this information to CLEC. It is the responsibility of CLEC to take the corrective action necessary with its End User who makes annoying calls. Failure to do so will result in AT&T-21STATE taking corrective action, up to and including disconnecting the End User's service.
- 4.5 CLEC acknowledges that information AT&T-21STATE provides to law enforcement agencies at the agency's direction (e.g., Call Trace data) shall be limited to available billing number and address information. It shall be CLEC's responsibility to provide additional information necessary for any law enforcement agency's investigation.
- 4.5.1 In addition to any other indemnity obligations in this Agreement, CLEC shall indemnify AT&T-21STATE against any Claim that insufficient information led to inadequate prosecution.
- 4.5.2 AT&T-21STATE shall handle law enforcement requests in accordance with the Law Enforcement provisions of the General Terms and Conditions of this Agreement.

5.0 BILLING AND PAYMENT OF RATES AND CHARGES

- 5.1 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.
- 5.1.1 Interexchange carrier traffic (e.g., sent-paid, information services and alternate operator services messages) received by AT&T-21STATE 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-21STATE.
- 5.2 AT&T-21STATE shall not be responsible for how the associated charges for Resale Services may be 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.
- 5.2.1 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.
- 5.2.2 If CLEC does not wish to be responsible for payment of charges for 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 CLEC's responsibility 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 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.
- 5.3 CLEC shall pay the Federal End User Common Line (EUCL) charge and any other appropriate FCC or Commission-approved charges, as set forth in the appropriate Tariff(s), for each local exchange line furnished to CLEC under this

Attachment.

- 5.4 To the extent allowable by law, CLEC shall be responsible for both Primary Interexchange Carrier (PIC) and Local Primary IntraLATA Presubscription (LPIC) change charges associated with each local exchange line furnished to CLEC under this Attachment. CLEC shall pay all charges for PIC and LPIC changes at the rates set forth in the Pricing Schedule or, if any such rate is not listed in the Pricing Schedule, then as set forth in the applicable Tariff.

6.0 ANCILLARY SERVICES

- 6.1 E911 Emergency Service: The terms and conditions for the provision of AT&T-21STATE 911 services are contained in Attachment 911/E911.
- 6.2 Payphone Services: CLEC may provide certain local Telecommunications Services to Payphone Service Providers (PSPs) for PSPs' use in providing payphone service. Rates for Payphone Services are established under the provisions of Section 276 of the Federal Telecommunications Act of 1996 and are not eligible for the Resale Discount unless required by State Commission order(s). However, given certain billing system limitations, the Resale Discount may be applied to Payphone Services, unless and until AT&T-21STATE is able to modify its billing system, AT&T-21STATE may issue true-up bills in accordance with the provisions set forth in the General Terms and Conditions.

7.0 SUSPENSION OF SERVICE

- 7.1 See applicable Tariff(s) for rates, terms and conditions regarding Suspension of Service.
- 7.2 AT&T-21STATE will offer Suspension of Service to CLEC for CLEC initiated suspension of service of the CLEC's End Users. This service is not considered a Telecommunications Service and will receive no Resale Discount.

Exhibit A

AT&T ILEC ("AT&T")	CARRIER Legal Name	Contract Type	Approval Date / Last Party Signed Date
BellSouth Telecommunications, LLC d/b/a AT&T ALABAMA	FORMER LEGAL NAME ACN Communications Services, Inc. NEW LEGAL NAME ACN Communications Services, LLC	Interconnection Agreement	Last Party Signed Date 12/18/2003
BellSouth Telecommunications, LLC d/b/a AT&T FLORIDA	ACN Communication Services, LLC	Interconnection Agreement	Last Party Signed Date 5/12/2003
BellSouth Telecommunications, LLC d/b/a AT&T GEORGIA	ACN Communication Services, LLC	Interconnection Agreement	Last Party Signed Date 5/12/2003
BellSouth Telecommunications, LLC d/b/a AT&T KENTUCKY	ACN Communication Services, LLC	Interconnection Agreement	Last Party Signed Date 12/18/2003
BellSouth Telecommunications, LLC d/b/a AT&T LOUISIANA	ACN Communication Services, LLC	Interconnection Agreement	Last Party Signed Date 12/18/2003
BellSouth Telecommunications, LLC d/b/a AT&T NORTH CAROLINA	ACN Communication Services, LLC	Interconnection Agreement	Last Party Signed Date 5/12/2003
BellSouth Telecommunications, LLC d/b/a AT&T SOUTH CAROLINA	ACN Communication Services, LLC	Interconnection Agreement	Last Party Signed Date 12/18/2003
BellSouth Telecommunications, LLC d/b/a AT&T TENNESSEE	ACN Communication Services, LLC	Interconnection Agreement	Last Party Signed Date 5/12/2003
Pacific Bell Telephone Company d/b/a AT&T CALIFORNIA	ACN Communication Services, LLC	Interconnection Agreement	PUC Approved 3/8/2003
Illinois Bell Telephone Company d/b/a AT&T ILLINOIS	ACN Communication Services, LLC	Interconnection Agreement	Last Party Signed Date 5/6/2003

Indiana Bell Telephone Company Incorporated d/b/a AT&T INDIANA	ACN Communication Services, LLC	Interconnection Agreement	Last Party Signed Date 10/7/2005
The Ohio Bell Telephone Company d/b/a AT&T OHIO	ACN Communication Services, LLC	Interconnection Agreement	Last Party Signed Date 10/29/2002
Michigan Bell Telephone Company d/b/a AT&T MICHIGAN	ACN Communication Services, LLC	Interconnection Agreement	Last Party Signed Date 10/11/2002
Nevada Bell Telephone Company d/b/a AT&T NEVADA and AT&T Wholesale	ACN Communication Services, LLC	Interconnection Agreement	Last Party Signed Date 12/2/2003
Southwestern Bell Telephone Company d/b/a AT&T ARKANSAS	ACN Communication Services, LLC	Interconnection Agreement	Last Party Signed Date 3/9/2006
Southwestern Bell Telephone Company d/b/a AT&T KANSAS	ACN Communication Services, LLC	Interconnection Agreement	Last Party Signed Date 9/26/2005
Southwestern Bell Telephone Company d/b/a AT&T MISSOURI	ACN Communication Services, LLC	Interconnection Agreement	Last Party Signed Date 8/10/2005
Southwestern Bell Telephone Company d/b/a AT&T OKLAHOMA	ACN Communication Services, LLC	Interconnection Agreement	Last Party Signed Date 9/25/2009
Southwestern Bell Telephone Company d/b/a AT&T TEXAS	ACN Communication Services, LLC	Interconnection Agreement	Last Party Signed Date 9/16/2005
Wisconsin Bell, Inc. d/b/a AT&T WISCONSIN	ACN Communication Services, LLC	Interconnection Agreement	Last Party Signed Date 12/2/2003

Exhibit B

State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
AL	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1- Zone 1	UEANL	UEAL2	1
AL	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1- Zone 1 [DISCONNECT]	UEANL	UEAL2	1
AL	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1- Zone 2	UEANL	UEAL2	2
AL	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1- Zone 2 [DISCONNECT]	UEANL	UEAL2	2
AL	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1- Zone 3	UEANL	UEAL2	3
AL	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1- Zone 3 [DISCONNECT]	UEANL	UEAL2	3
AL	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1- Zone 1	UEANL	UEASL	1
AL	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1- Zone 1 [DISCONNECT]	UEANL	UEASL	1
AL	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1- Zone 2	UEANL	UEASL	2
AL	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1- Zone 2 [DISCONNECT]	UEANL	UEASL	2
AL	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1- Zone 3	UEANL	UEASL	3
AL	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1- Zone 3 [DISCONNECT]	UEANL	UEASL	3
AL	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Manual Order Coordination for UVL-SL1s (per loop)	UEANL	UEAMC	
AL	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Order Coordination for Specified Conversion Time for UVL-SL1 (per LSR)	UEANL	OCOSL	
AL	UNBUNDLED EXCHANGE ACCESS LOOP	Bulk Migration, per 2 Wire Voice Loop-SL1	UEANL	UREPN	
AL	UNBUNDLED EXCHANGE ACCESS LOOP	Bulk Migration, per 2 Wire Voice Loop-SL1 [DISCONNECT]	UEANL	UREPN	
AL	UNBUNDLED EXCHANGE ACCESS LOOP	Bulk Migration Order Coordination, per 2 Wire Voice Loop-SL1	UEANL	UREPM	

Exhibit B

State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
AL	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Unbundled Copper Loop - Non-Designed Zone 1	UEQ	UEQ2X	1
AL	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Unbundled Copper Loop - Non-Designed Zone 1 [DISCONNECT]	UEQ	UEQ2X	1
AL	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop - Non-Designed - Zone 2	UEQ	UEQ2X	2
AL	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop - Non-Designed - Zone 2 [DISCONNECT]	UEQ	UEQ2X	2
AL	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop - Non-Designed - Zone 3	UEQ	UEQ2X	3
AL	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop - Non-Designed - Zone 3 [DISCONNECT]	UEQ	UEQ2X	3
AL	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop - Tag Loop at End User Premise	UEQ	URETL	
AL	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop - Loop Testing - Basic 1st Half Hour	UEQ	URET1	
AL	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop - Loop Testing - Basic Additional Half Hour	UEQ	URETA	
AL	UNBUNDLED EXCHANGE ACCESS LOOP	Manual Order Coordination 2 Wire Unbundled Copper Loop - Non-Designed (per loop)	UEQ	USBMC	
AL	UNBUNDLED EXCHANGE ACCESS LOOP	Bulk Migration, per 2 Wire UCL-ND	UEQ	UREPN	
AL	UNBUNDLED EXCHANGE ACCESS LOOP	Bulk Migration, per 2 Wire UCL-ND [DISCONNECT]	UEQ	UREPN	
AL	UNBUNDLED EXCHANGE ACCESS LOOP	Bulk Migration Order Coordination, per 2 Wire UCL-ND	UEQ	UREPM	
AL	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Single LSR, (per DS0)	UEA	URES�	
AL	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Spreadsheet (per DS0)	UEA	URESP	
AL	UNBUNDLED EXCHANGE ACCESS LOOP	Bulk Migration, per 2 Wire Voice Loop-SL2	UEA	UREPN	

Exhibit B

State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
AL	UNBUNDLED EXCHANGE ACCESS LOOP	Bulk Migration Order Coordination, per 2 Wire Voice Loop-SL2	UEA	UREPM	
AL	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Voice Grade Loop - Zone 1	UEA	UEAL4	1
AL	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Voice Grade Loop - Zone 1 [DISCONNECT]	UEA	UEAL4	1
AL	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Voice Grade Loop - Zone 2	UEA	UEAL4	2
AL	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Voice Grade Loop - Zone 2 [DISCONNECT]	UEA	UEAL4	2
AL	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Voice Grade Loop - Zone 3	UEA	UEAL4	3
AL	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Voice Grade Loop - Zone 3 [DISCONNECT]	UEA	UEAL4	3
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	
AL	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Spreadsheet, (per DS0)	UEA	URESP	
AL	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Loop or Ground Start Signaling - Zone 1	NTCVG	UEAL2	1
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
AL	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Loop or Ground Start Signaling - Zone 2	NTCVG	UEAL2	2
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
AL	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Loop or Ground Start Signaling - Zone 3	NTCVG	UEAL2	3
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

Exhibit B

State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
AL	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Reverse Battery Signaling - Zone 1	NTCVG	UEAR2	1
AL	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Reverse Battery Signaling - Zone 1 [DISCONNECT]	NTCVG	UEAR2	1
AL	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Reverse Battery Signaling - Zone 2	NTCVG	UEAR2	2
AL	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Reverse Battery Signaling - Zone 2 [DISCONNECT]	NTCVG	UEAR2	2
AL	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Reverse Battery Signaling - Zone 3	NTCVG	UEAR2	3
AL	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Reverse Battery Signaling - Zone 3 [DISCONNECT]	NTCVG	UEAR2	3
AL	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Single LSR, (per DS0)	NTCVG	URESL	
AL	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Spreadsheet (per DS0)	NTCVG	URESP	
AL	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Loop Tagging - Service Level 2 (SL2)	NTCVG	URETL	
AL	UNE LOOP COMMINGLING	4-Wire Analog Voice Grade Loop - Zone 1	NTCVG	UEAL4	1
AL	UNE LOOP COMMINGLING	4-Wire Analog Voice Grade Loop - Zone 1 [DISCONNECT]	NTCVG	UEAL4	1
AL	UNE LOOP COMMINGLING	4-Wire Analog Voice Grade Loop - Zone 2	NTCVG	UEAL4	2
AL	UNE LOOP COMMINGLING	4-Wire Analog Voice Grade Loop - Zone 2 [DISCONNECT]	NTCVG	UEAL4	2
AL	UNE LOOP COMMINGLING	4-Wire Analog Voice Grade Loop - Zone 3	NTCVG	UEAL4	3
AL	UNE LOOP COMMINGLING	4-Wire Analog Voice Grade Loop - Zone 3 [DISCONNECT]	NTCVG	UEAL4	3
AL	UNE LOOP COMMINGLING	4-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Single LSR, (per DS0)	NTCVG	URESL	

Exhibit B

State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
AL	UNE LOOP COMMINGLING	4-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Spreadsheet, (per DS0)	NTCVG	URESP	
AL	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS1 - per mile	U1TD1	1L5XX	
AL	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS1 - Facility Termination	U1TD1	U1TF1	
AL	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS1 - Facility Termination [DISCONNECT]	U1TD1	U1TF1	
AL	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS3 - per mile	U1TD3	1L5XX	
AL	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS3 - Facility Termination	U1TD3	U1TF3	
AL	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS3 - Facility Termination [DISCONNECT]	U1TD3	U1TF3	
AL	ENHANCED EXTENDED LINK (EELs)	4-Wire Analog Voice Grade Loop in Combination - Zone 1	UNCVX	UEAL4	1
AL	ENHANCED EXTENDED LINK (EELs)	4-Wire Analog Voice Grade Loop in Combination - Zone 1 [DISCONNECT]	UNCVX	UEAL4	1
AL	ENHANCED EXTENDED LINK (EELs)	4-Wire Analog Voice Grade Loop in Combination - Zone 2	UNCVX	UEAL4	2
AL	ENHANCED EXTENDED LINK (EELs)	4-Wire Analog Voice Grade Loop in Combination - Zone 2 [DISCONNECT]	UNCVX	UEAL4	2
AL	ENHANCED EXTENDED LINK (EELs)	4-Wire Analog Voice Grade Loop in Combination - Zone 3	UNCVX	UEAL4	3
AL	ENHANCED EXTENDED LINK (EELs)	4-Wire Analog Voice Grade Loop in Combination - Zone 3 [DISCONNECT]	UNCVX	UEAL4	3
AL	ENHANCED EXTENDED LINK (EELs)	4-Wire DS1 Digital Loop in Combination - Zone 1	UNC1X	USLXX	1
AL	ENHANCED EXTENDED LINK (EELs)	4-Wire DS1 Digital Loop in Combination - Zone 1 [DISCONNECT]	UNC1X	USLXX	1
AL	ENHANCED EXTENDED LINK (EELs)	4-Wire DS1 Digital Loop in Combination - Zone 2	UNC1X	USLXX	2
AL	ENHANCED EXTENDED LINK (EELs)	4-Wire DS1 Digital Loop in Combination - Zone 2 [DISCONNECT]	UNC1X	USLXX	2
AL	ENHANCED EXTENDED LINK (EELs)	4-Wire DS1 Digital Loop in Combination - Zone 3	UNC1X	USLXX	3

Exhibit B

State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
AL	ENHANCED EXTENDED LINK (EELs)	4-Wire DS1 Digital Loop in Combination - Zone 3 [DISCONNECT]	UNC1X	USLXX	3
AL	ENHANCED EXTENDED LINK (EELs)	DS3 Local Loop in combination - per mile	UNC3X	1L5ND	
AL	ENHANCED EXTENDED LINK (EELs)	DS3 Local Loop in combination - Facility Termination	UNC3X	UE3PX	
AL	ENHANCED EXTENDED LINK (EELs)	DS3 Local Loop in combination - Facility Termination [DISCONNECT]	UNC3X	UE3PX	
AL	ENHANCED EXTENDED LINK (EELs)	Interoffice Channel in combination - DS1 - per mile	UNC1X	1L5XX	
AL	ENHANCED EXTENDED LINK (EELs)	Interoffice Channel in combination - DS1 Facility Termination	UNC1X	U1TF1	
AL	ENHANCED EXTENDED LINK (EELs)	Interoffice Channel in combination - DS1 Facility Termination [DISCONNECT]	UNC1X	U1TF1	
AL	ENHANCED EXTENDED LINK (EELs)	Interoffice Channel in combination - DS3 - per mile	UNC3X	1L5XX	
AL	ENHANCED EXTENDED LINK (EELs)	Interoffice Channel in combination - DS3 - Facility Termination	UNC3X	U1TF3	
AL	ENHANCED EXTENDED LINK (EELs)	Interoffice Channel in combination - DS3 - Facility Termination [DISCONNECT]	UNC3X	U1TF3	
AL	ADDITIONAL NETWORK ELEMENTS	Service Rearrangements - NRC - Order Coordination Specific Time - Dedicated Transport	UNC1X, UNC3X	OCOSR	

Exhibit B

State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
AR	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Loop - Zone 1 (Rural)		U21	1
AR	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Loop - Zone 2 (Suburban)		U21	2
AR	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Loop - Zone 3 (Urban)		U21	3
AR	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Loop - Zone 1 (Rural)		U4H	1
AR	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Loop - Zone 2 (Suburban)		U4H	2
AR	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Loop - Zone 3 (Urban)		U4H	3
AR	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Loop Cross Connect to Collocation - Cross Connect		UCXC2	
AR	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Loop to Collocation (without testing) - Cross Connect		UCXD2	
AR	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Loop to Collocation - Cross Connect		UCXC4	
AR	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Loop to Collocation (without testing) - Cross Connect		UCXD4	
AR	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, First Mile		ULNHS	
AR	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile		ULNHS	
AR	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, First Mile		ULNJS	
AR	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile		ULNJS	
AR	UNBUNDLED DEDICATED TRANSPORT	DT-Cross Connect - DS1 to Collocation		UCXHX	
AR	UNBUNDLED DEDICATED TRANSPORT	DT-Cross Connect - DS3 to Collocation		UCXJX	
AR	UNBUNDLED DEDICATED TRANSPORT	DS1 to VG - Multiplexing		UM4BX	

Exhibit B

State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
AR	UNBUNDLED DEDICATED TRANSPORT	DS3 to DS1 - Multiplexing		UM4AX	
AR	UNBUNDLED DEDICATED TRANSPORT	2-Wire Analog Loop Cross Connect to POA - Method 1		UXRA1	1
AR	UNBUNDLED DEDICATED TRANSPORT	2-Wire Analog Loop Cross Connect to POA - Method 2		UXRA2	2
AR	UNBUNDLED DEDICATED TRANSPORT	2-Wire Analog Loop Cross Connect to POA - Method 3		UXRA3	3

Exhibit B

State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
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
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
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
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	
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
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
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

Exhibit B

State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
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	
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
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
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
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	
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
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

Exhibit B

State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
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
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	
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
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
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
CA	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Loop Statewide	EE71+, EE72+, EE73+, EE75+, EE76+, EE77+, EE78+, EE79+, EE7X+, EE7Y+, EE7Z+, EE74+	LK4WA	
CA	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Loop - CO Facility Interface Connection (OANAD Terminology - 4-Wire - CO Facility Interface Connection)		3F74X	
CA	UNBUNDLED DEDICATED TRANSPORT	Interoffice Transport DS-1 Fixed Mileage (OANAD Terminology - Dedicated Transport Fixed Mileage)	CT1++, EE7M+	1L5UB	
CA	UNBUNDLED DEDICATED TRANSPORT	Interoffice Transport DS-1 Variable Mileage (OANAD Terminology - Dedicated Transport Variable Mileage per mile)			
CA	UNBUNDLED DEDICATED TRANSPORT	Interoffice Transport DS-3 Fixed Mileage (OANAD Terminology - Dedicated Transport DS-3 Fixed Mileage)	CT3++, EE7P+, EE7Q+	1L5UB	
CA	UNBUNDLED DEDICATED TRANSPORT	Interoffice Transport DS-3 Variable Mileage (OANAD Terminology - Dedicated Transport DS-3 Variable Mileage per mile)			
CA	UNBUNDLED DEDICATED TRANSPORT	MULTIPLEXING - DS-1/DS-0 MUX (OANAD Terminology - DS0/DS1)	CT1++, EE7M+	MQ1UB	
CA	UNBUNDLED DEDICATED TRANSPORT	MULTIPLEXING - DS-3/DS-1 MUX (OANAD Terminology - DS1/DS3)	CT3++, EE7P+, EE7Q+	MQ3UB	

Exhibit B

State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
CA	UNBUNDLED DEDICATED TRANSPORT	Non Recurring Service Order/Channel Rates - Connect - Multiplexing DS1/DS0 (Mechanized)			
CA	UNBUNDLED DEDICATED TRANSPORT	Non Recurring Service Order/Channel Rates - Connect - Multiplexing DS3/DS1 (CESAR/LEX - Simple)	CT3++, EE7P+, EE7Q+	MQ3UC	
CA	UNBUNDLED DEDICATED TRANSPORT	Non Recurring Service Order/Channel Rates - Connect - Multiplexing DS3/DS1 (CESAR/LEX - Simple)	CT3++, EE7P+, EE7Q+	HOX91	
CA	UNBUNDLED DEDICATED TRANSPORT	Non Recurring Service Order/Channel Rates - Connect - Multiplexing DS3/DS1 (Mechanized)			
CA	UNBUNDLED DEDICATED TRANSPORT	Non Recurring Service Order/Channel Rates - Disconnect - Multiplexing DS1/DS0 (CESAR/LEX - Simple)	CT1++, EE7M+	MQ1UD	
CA	UNBUNDLED DEDICATED TRANSPORT	Non Recurring Service Order/Channel Rates - Disconnect - Multiplexing DS1/DS0 (CESAR/LEX - Simple)	CT1++, EE7M+	HOX99	
CA	UNBUNDLED DEDICATED TRANSPORT	Non Recurring Service Order/Channel Rates - Disconnect - Multiplexing DS1/DS0 (Mechanized)			
CA	UNBUNDLED DEDICATED TRANSPORT	Non Recurring Service Order/Channel Rates - Disconnect - Multiplexing DS3/DS1 (CESAR/LEX - Simple)	CT3++, EE7P+, EE7Q+	MQ3UD	
CA	UNBUNDLED DEDICATED TRANSPORT	Non Recurring Service Order/Channel Rates - Disconnect - Multiplexing DS3/DS1 (CESAR/LEX - Simple)	CT3++, EE7P+, EE7Q+	HOX99	
CA	UNBUNDLED DEDICATED TRANSPORT	Non Recurring Service Order/Channel Rates - Disconnect - Multiplexing DS3/DS1 (Mechanized)			
CA	UNBUNDLED DEDICATED TRANSPORT	Non Recurring Service Order/Channel Rates - Change - Multiplexing DS1/DS0 (CESAR/LEX - Simple)			
CA	UNBUNDLED DEDICATED TRANSPORT	Non Recurring Service Order/Channel Rates - Change - Multiplexing DS1/DS0 (Mechanized)			
CA	UNBUNDLED DEDICATED TRANSPORT	Non Recurring Service Order/Channel Rates - Change - Multiplexing DS3/DS1 (CESAR/LEX - Simple)			
CA	UNBUNDLED DEDICATED TRANSPORT	Non Recurring Service Order/Channel Rates - Change - Multiplexing DS3/DS1 (Mechanized)			
CA	UNBUNDLED DEDICATED TRANSPORT	Non Recurring Service Order/Channel Rates - Record - Multiplexing DS1/DS0 (CESAR/LEX - Simple)			
CA	UNBUNDLED DEDICATED TRANSPORT	Non Recurring Service Order/Channel Rates - Record - Multiplexing DS1/DS0 (Mechanized)			
CA	UNBUNDLED DEDICATED TRANSPORT	Non Recurring Service Order/Channel Rates - Record - Multiplexing DS3/DS1 (CESAR/LEX - Simple)			
CA	UNBUNDLED DEDICATED TRANSPORT	Non Recurring Service Order/Channel Rates - Record - Multiplexing DS3/DS1 (Mechanized)			
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	

Exhibit B

State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	

Exhibit B

State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
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)			
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)			
CA	UNBUNDLED DEDICATED TRANSPORT	Non Recurring Service Order/Channel Rates - Interoffice Transmission Facilities - (IOF) Dedicated Transport - Change - Digital Dedicated Transport DS1 - Initial (Mechanized)			
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)			
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)			
CA	UNBUNDLED DEDICATED TRANSPORT	Non Recurring Service Order/Channel Rates - Interoffice Transmission Facilities - (IOF) Dedicated Transport - Change - Digital Dedicated Transport DS3 - Initial (Mechanized)			
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	
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	
CA	UNBUNDLED EXCHANGE ACCESS LOOP	Non Recurring Service Order/Channel Rates - Interoffice Transmission Facilities - (IOF) Dedicated Transport - Record - Digital Dedicated Transport DS1 - Initial (Mechanized)			
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	
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	
CA	UNBUNDLED DEDICATED TRANSPORT	Non Recurring Service Order/Channel Rates - Interoffice Transmission Facilities - (IOF) Dedicated Transport - Record - Digital Dedicated Transport DS3 - Initial (Mechanized)			
CA	ADDITIONAL NETWORK ELEMENTS	Master Leg Plug 2-Wire		ABPM2	
CA	ADDITIONAL NETWORK ELEMENTS	Master Leg Plug 4-Wire		ABPM4	
CA	ADDITIONAL NETWORK ELEMENTS	2-Wire Analog Bridge Plug			

Exhibit B

State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
CA	ADDITIONAL NETWORK ELEMENTS	4-Wire Analog Bridge Plug			

Exhibit B

State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
FL	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1- Zone 1	UEANL	UEAL2	1
FL	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1- Zone 1 [DISCONNECT]	UEANL	UEAL2	1
FL	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1- Zone 2	UEANL	UEAL2	2
FL	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1- Zone 2 [DISCONNECT]	UEANL	UEAL2	2
FL	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1- Zone 3	UEANL	UEAL2	3
FL	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1- Zone 3 [DISCONNECT]	UEANL	UEAL2	3
FL	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1- Zone 1	UEANL	UEASL	1
FL	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1- Zone 1 [DISCONNECT]	UEANL	UEASL	1
FL	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1- Zone 2	UEANL	UEASL	2
FL	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1- Zone 2 [DISCONNECT]	UEANL	UEASL	2
FL	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1- Zone 3	UEANL	UEASL	3
FL	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1- Zone 3 [DISCONNECT]	UEANL	UEASL	3
FL	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Manual Order Coordination for UVL-SL1s (per loop)	UEANL	UEAMC	
FL	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Order Coordination for Specified Conversion Time for UVL-SL1 (per LSR)	UEANL	OCOSL	
FL	UNBUNDLED EXCHANGE ACCESS LOOP	Bulk Migration, per 2 Wire Voice Loop-SL1	UEANL	UREPN	
FL	UNBUNDLED EXCHANGE ACCESS LOOP	Bulk Migration, per 2 Wire Voice Loop-SL1 [DISCONNECT]	UEANL	UREPN	
FL	UNBUNDLED EXCHANGE ACCESS LOOP	Bulk Migration Order Coordination, per 2 Wire Voice Loop-SL1	UEANL	UREPM	

Exhibit B

State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
FL	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Unbundled Copper Loop - Non-Designed Zone 1	UEQ	UEQ2X	1
FL	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Unbundled Copper Loop - Non-Designed Zone 1 [DISCONNECT]	UEQ	UEQ2X	1
FL	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop - Non-Designed - Zone 2	UEQ	UEQ2X	2
FL	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop - Non-Designed - Zone 2 [DISCONNECT]	UEQ	UEQ2X	2
FL	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop - Non-Designed - Zone 3	UEQ	UEQ2X	3
FL	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop - Non-Designed - Zone 3 [DISCONNECT]	UEQ	UEQ2X	3
FL	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop - Tag Loop at End User Premise	UEQ	URETL	
FL	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop - Loop Testing - Basic 1st Half Hour	UEQ	URET1	
FL	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop - Loop Testing - Basic Additional Half Hour	UEQ	URETA	
FL	UNBUNDLED EXCHANGE ACCESS LOOP	Manual Order Coordination 2 Wire Unbundled Copper Loop - Non-Designed (per loop)	UEQ	USBMC	
FL	UNBUNDLED EXCHANGE ACCESS LOOP	Bulk Migration, per 2 Wire UCL-ND	UEQ	UREPN	
FL	UNBUNDLED EXCHANGE ACCESS LOOP	Bulk Migration, per 2 Wire UCL-ND [DISCONNECT]	UEQ	UREPN	
FL	UNBUNDLED EXCHANGE ACCESS LOOP	Bulk Migration Order Coordination, per 2 Wire UCL-ND	UEQ	UREPM	
FL	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Single LSR, (per DS0)	UEA	URES�	
FL	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Spreadsheet, (per DS0)	UEA	URESP	
FL	UNBUNDLED EXCHANGE ACCESS LOOP	Bulk Migration, per 2 Wire Voice Loop-SL2	UEA	UREPN	

Exhibit B

State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
FL	UNBUNDLED EXCHANGE ACCESS LOOP	Bulk Migration Order Coordination, per 2 Wire Voice Loop-SL2	UEA	UREPM	
FL	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Voice Grade Loop - Zone 1	UEA	UEAL4	1
FL	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Voice Grade Loop - Zone 1 [DISCONNECT]	UEA	UEAL4	1
FL	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Voice Grade Loop - Zone 2	UEA	UEAL4	2
FL	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Voice Grade Loop - Zone 2 [DISCONNECT]	UEA	UEAL4	2
FL	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Voice Grade Loop - Zone 3	UEA	UEAL4	3
FL	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Voice Grade Loop - Zone 3 [DISCONNECT]	UEA	UEAL4	3
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	
FL	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Spreadsheet, (per DS0)	UEA	URESP	
FL	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Loop or Ground Start Signaling - Zone 1	NTCVG	UEAL2	1
FL	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Loop or Ground Start Signaling - Zone 1 [DISCONNECT]	NTCVG	UEAL2	1
FL	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Loop or Ground Start Signaling - Zone 2	NTCVG	UEAL2	2
FL	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Loop or Ground Start Signaling - Zone 2 [DISCONNECT]	NTCVG	UEAL2	2
FL	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Loop or Ground Start Signaling - Zone 3	NTCVG	UEAL2	3
FL	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Loop or Ground Start Signaling - Zone 3 [DISCONNECT]	NTCVG	UEAL2	3

Exhibit B

State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
FL	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Reverse Battery Signaling - Zone 1	NTCVG	UEAR2	1
FL	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Reverse Battery Signaling - Zone 1 [DISCONNECT]	NTCVG	UEAR2	1
FL	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Reverse Battery Signaling - Zone 2	NTCVG	UEAR2	2
FL	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Reverse Battery Signaling - Zone 2 [DISCONNECT]	NTCVG	UEAR2	2
FL	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Reverse Battery Signaling - Zone 3	NTCVG	UEAR2	3
FL	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Reverse Battery Signaling - Zone 3 [DISCONNECT]	NTCVG	UEAR2	3
FL	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Single LSR, (per DS0)	NTCVG	URES	
FL	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Spreadsheet, (per DS0)	NTCVG	URES	
FL	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Loop Tagging - Service Level 2 (SL2)	NTCVG	URETL	
FL	UNE LOOP COMMINGLING	4-Wire Analog Voice Grade Loop - Zone 1	NTCVG	UEAL4	1
FL	UNE LOOP COMMINGLING	4-Wire Analog Voice Grade Loop - Zone 1 [DISCONNECT]	NTCVG	UEAL4	1
FL	UNE LOOP COMMINGLING	4-Wire Analog Voice Grade Loop - Zone 2	NTCVG	UEAL4	2
FL	UNE LOOP COMMINGLING	4-Wire Analog Voice Grade Loop - Zone 2 [DISCONNECT]	NTCVG	UEAL4	2
FL	UNE LOOP COMMINGLING	4-Wire Analog Voice Grade Loop - Zone 3	NTCVG	UEAL4	3
FL	UNE LOOP COMMINGLING	4-Wire Analog Voice Grade Loop - Zone 3 [DISCONNECT]	NTCVG	UEAL4	3
FL	UNE LOOP COMMINGLING	4-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Single LSR, (per DS0)	NTCVG	URES	

Exhibit B

State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
FL	UNE LOOP COMMINGLING	4-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Spreadsheet, (per DS0)	NTCVG	URESP	
FL	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS1 - per mile	U1TD1	1L5XX	
FL	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS1 - Facility Termination	U1TD1	U1TF1	
FL	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS1 - Facility Termination [DISCONNECT]	U1TD1	U1TF1	
FL	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS3 - per mile	U1TD3	1L5XX	
FL	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS3 - Facility Termination	U1TD3	U1TF3	
FL	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS3 - Facility Termination [DISCONNECT]	U1TD3	U1TF3	
FL	HIGH CAPACITY UNBUNDLED LOCAL LOOP	Stand Alone - DS3 Unbundled Local Loop - per mile	UE3	1L5ND	
FL	HIGH CAPACITY UNBUNDLED LOCAL LOOP	Stand Alone - DS3 Unbundled Local Loop - Facility Termination	UE3	UE3PX	
FL	HIGH CAPACITY UNBUNDLED LOCAL LOOP	Stand Alone - DS3 Unbundled Local Loop - Facility Termination [DISCONNECT]	UE3	UE3PX	
FL	ENHANCED EXTENDED LINK (EELs)	4-Wire Analog Voice Grade Loop in Combination - Zone 1	UNCVX	UEAL4	1
FL	ENHANCED EXTENDED LINK (EELs)	4-Wire Analog Voice Grade Loop in Combination - Zone 1 [DISCONNECT]	UNCVX	UEAL4	1
FL	ENHANCED EXTENDED LINK (EELs)	4-Wire Analog Voice Grade Loop in Combination - Zone 2	UNCVX	UEAL4	2
FL	ENHANCED EXTENDED LINK (EELs)	4-Wire Analog Voice Grade Loop in Combination - Zone 2 [DISCONNECT]	UNCVX	UEAL4	2
FL	ENHANCED EXTENDED LINK (EELs)	4-Wire Analog Voice Grade Loop in Combination - Zone 3	UNCVX	UEAL4	3
FL	ENHANCED EXTENDED LINK (EELs)	4-Wire Analog Voice Grade Loop in Combination - Zone 3 [DISCONNECT]	UNCVX	UEAL4	3
FL	ENHANCED EXTENDED LINK (EELs)	4-Wire DS1 Digital Loop in Combination - Zone 1	UNC1X	USLXX	1

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State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
FL	ENHANCED EXTENDED LINK (EELs)	4-Wire DS1 Digital Loop in Combination - Zone 1 [DISCONNECT]	UNC1X	USLXX	1
FL	ENHANCED EXTENDED LINK (EELs)	4-Wire DS1 Digital Loop in Combination - Zone 2 [DISCONNECT]	UNC1X	USLXX	2
FL	ENHANCED EXTENDED LINK (EELs)	4-Wire DS1 Digital Loop in Combination - Zone 2 [DISCONNECT]	UNC1X	USLXX	2
FL	ENHANCED EXTENDED LINK (EELs)	4-Wire DS1 Digital Loop in Combination - Zone 3 [DISCONNECT]	UNC1X	USLXX	3
FL	ENHANCED EXTENDED LINK (EELs)	4-Wire DS1 Digital Loop in Combination - Zone 3 [DISCONNECT]	UNC1X	USLXX	3
FL	ENHANCED EXTENDED LINK (EELs)	DS3 Local Loop in combination - per mile	UNC3X	1L5ND	
FL	ENHANCED EXTENDED LINK (EELs)	DS3 Local Loop in combination - Facility Termination	UNC3X	UE3PX	
FL	ENHANCED EXTENDED LINK (EELs)	DS3 Local Loop in combination - Facility Termination [DISCONNECT]	UNC3X	UE3PX	
FL	ENHANCED EXTENDED LINK (EELs)	Interoffice Channel in combination - DS1 - per mile	UNC1X	1L5XX	
FL	ENHANCED EXTENDED LINK (EELs)	Interoffice Channel in combination - DS1 Facility Termination	UNC1X	U1TF1	
FL	ENHANCED EXTENDED LINK (EELs)	Interoffice Channel in combination - DS1 Facility Termination [DISCONNECT]	UNC1X	U1TF1	
FL	ENHANCED EXTENDED LINK (EELs)	Interoffice Channel in combination - DS3 - per mile	UNC3X	1L5XX	
FL	ENHANCED EXTENDED LINK (EELs)	Interoffice Channel in combination - DS3 - Facility Termination	UNC3X	U1TF3	
FL	ENHANCED EXTENDED LINK (EELs)	Interoffice Channel in combination - DS3 - Facility Termination [DISCONNECT]	UNC3X	U1TF3	
FL	ADDITIONAL NETWORK ELEMENTS	Service Rearrangements - NRC - Order Coordination Specific Time - Dedicated Transport	UNC1X, UNC3X	OCOSR	

Exhibit B

State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
GA	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1- Zone 1	UEANL	UEAL2	1
GA	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1- Zone 1 [DISCONNECT]	UEANL	UEAL2	1
GA	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1- Zone 2	UEANL	UEAL2	2
GA	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1- Zone 2 [DISCONNECT]	UEANL	UEAL2	2
GA	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1- Zone 3	UEANL	UEAL2	3
GA	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1- Zone 3 [DISCONNECT]	UEANL	UEAL2	3
GA	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1- Zone 1	UEANL	UEASL	1
GA	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1- Zone 1 [DISCONNECT]	UEANL	UEASL	1
GA	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1- Zone 2	UEANL	UEASL	2
GA	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1- Zone 2 [DISCONNECT]	UEANL	UEASL	2
GA	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1- Zone 3	UEANL	UEASL	3
GA	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1- Zone 3 [DISCONNECT]	UEANL	UEASL	3
GA	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Loop Testing - Basic Additional Half Hour	UEANL	URETA	
GA	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Manual Order Coordination for UVL-SL1s (per loop)	UEANL	UEAMC	
GA	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Manual Order Coordination for UVL-SL1s (per loop) [DISCONNECT]	UEANL	UEAMC	
GA	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Order Coordination for Specified Conversion Time for UVL-SL1 (per LSR)	UEANL	OCOSL	

Exhibit B

State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
GA	UNBUNDLED EXCHANGE ACCESS LOOP	Bulk Migration, per 2 Wire Voice Loop-SL1	UEANL	UREPN	
GA	UNBUNDLED EXCHANGE ACCESS LOOP	Bulk Migration, per 2 Wire Voice Loop-SL1 [DISCONNECT]	UEANL	UREPN	
GA	UNBUNDLED EXCHANGE ACCESS LOOP	Bulk Migration Order Coordination, per 2 Wire Voice Loop-SL1	UEANL	UREPM	
GA	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop Non-Designed- Zone 1	UEQ	UEQ2X	1
GA	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop Non-Designed- Zone 2	UEQ	UEQ2X	2
GA	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop - Non-Designed - Zone 3	UEQ	UEQ2X	3
GA	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop - Tag Loop at End User Premise	UEQ	URETL	
GA	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop - Basic 1st Half Hour	UEQ	URET1	
GA	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop - Loop Testing - Basic Additional Half Hour	UEQ	URETA	
GA	UNBUNDLED EXCHANGE ACCESS LOOP	Manual Order Coordination 2 Wire Unbundled Copper Loop - Non-Designed (per loop)	UEQ	USBMC	
GA	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop - Bulk Migration, per 2 Wire Voice Loop-SL1	UEQ	UREPN	
GA	UNBUNDLED EXCHANGE ACCESS LOOP	Bulk Migration Order Coordination, per 2 Wire UCL-ND	UEQ	UREPM	
GA	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Single LSR, (per DS0)	UEA	URES�	
GA	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Spreadsheet, (per DS0)	UEA	URESP	
GA	UNBUNDLED EXCHANGE ACCESS LOOP	Bulk Migration, per 2 Wire Voice Loop-SL2	UEA	UREPN	
GA	UNBUNDLED EXCHANGE ACCESS LOOP	Bulk Migration Order Coordination, per 2 Wire Voice Loop-SL2	UEA	UREPM	

Exhibit B

State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
GA	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Voice Grade Loop - Zone 1	UEA	UEAL4	1
GA	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Voice Grade Loop - Zone 1 [DISCONNECT]	UEA	UEAL4	1
GA	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Voice Grade Loop - Zone 2	UEA	UEAL4	2
GA	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Voice Grade Loop - Zone 2 [DISCONNECT]	UEA	UEAL4	2
GA	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Voice Grade Loop - Zone 3	UEA	UEAL4	3
GA	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Voice Grade Loop - Zone 3 [DISCONNECT]	UEA	UEAL4	3
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	
GA	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Spreadsheet, (per DS0)	UEA	URESP	
GA	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Loop or Ground Start Signaling - Zone 1	NTCVG	UEAL2	1
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
GA	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Loop or Ground Start Signaling - Zone 2	NTCVG	UEAL2	2
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
GA	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Loop or Ground Start Signaling - Zone 3	NTCVG	UEAL2	3
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
GA	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Reverse Battery Signaling - Zone 1	NTCVG	UEAR2	1

Exhibit B

State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
GA	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Reverse Battery Signaling - Zone 1 [DISCONNECT]	NTCVG	UEAR2	1
GA	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Reverse Battery Signaling - Zone 2	NTCVG	UEAR2	2
GA	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Reverse Battery Signaling - Zone 2 [DISCONNECT]	NTCVG	UEAR2	2
GA	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Reverse Battery Signaling - Zone 3	NTCVG	UEAR2	3
GA	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Reverse Battery Signaling - Zone 3 [DISCONNECT]	NTCVG	UEAR2	3
GA	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Single LSR, (per DS0)	NTCVG	URES	
GA	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Spreadsheet, (per DS0)	NTCVG	URESP	
GA	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Loop Tagging - Service Level 2 (SL2)	NTCVG	URETL	
GA	UNE LOOP COMMINGLING	4-Wire Analog Voice Grade Loop - Zone 1	NTCVG	UEAL4	1
GA	UNE LOOP COMMINGLING	4-Wire Analog Voice Grade Loop - Zone 1 [DISCONNECT]	NTCVG	UEAL4	1
GA	UNE LOOP COMMINGLING	4-Wire Analog Voice Grade Loop - Zone 2	NTCVG	UEAL4	2
GA	UNE LOOP COMMINGLING	4-Wire Analog Voice Grade Loop - Zone 2 [DISCONNECT]	NTCVG	UEAL4	2
GA	UNE LOOP COMMINGLING	4-Wire Analog Voice Grade Loop - Zone 3	NTCVG	UEAL4	3
GA	UNE LOOP COMMINGLING	4-Wire Analog Voice Grade Loop - Zone 3 [DISCONNECT]	NTCVG	UEAL4	3
GA	UNE LOOP COMMINGLING	4-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Single LSR, (per DS0)	NTCVG	URES	

Exhibit B

State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
GA	UNE LOOP COMMINGLING	4-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Spreadsheet, (per DS0)	NTCVG	URESP	
GA	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS1 - per mile	U1TD1	1L5XX	
GA	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS1 - Facility Termination	U1TD1	U1TF1	
GA	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS1 - Facility Termination [DISCONNECT]	U1TD1	U1TF1	
GA	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS3 - per mile	U1TD3	1L5XX	
GA	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS3 - Facility Termination	U1TD3	U1TF3	
GA	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS3 - Facility Termination [DISCONNECT]	U1TD3	U1TF3	
GA	HIGH CAPACITY UNBUNDLED LOCAL LOOP	Stand Alone - DS3 Unbundled Local Loop - per mile	UE3	1L5ND	
GA	HIGH CAPACITY UNBUNDLED LOCAL LOOP	Stand Alone -DS3 Unbundled Local Loop - Facility Termination	UE3	UE3PX	
GA	HIGH CAPACITY UNBUNDLED LOCAL LOOP	Stand Alone -DS3 Unbundled Local Loop - Facility Termination [DISCONNECT]	UE3	UE3PX	
GA	ENHANCED EXTENDED LINK (EELs)	4-Wire Analog Voice Grade Loop in Combination - Zone 1	UNCVX	UEAL4	1
GA	ENHANCED EXTENDED LINK (EELs)	4-Wire Analog Voice Grade Loop in Combination - Zone 1 [DISCONNECT]	UNCVX	UEAL4	1
GA	ENHANCED EXTENDED LINK (EELs)	4-Wire Analog Voice Grade Loop in Combination - Zone 2	UNCVX	UEAL4	2
GA	ENHANCED EXTENDED LINK (EELs)	4-Wire Analog Voice Grade Loop in Combination - Zone 2 [DISCONNECT]	UNCVX	UEAL4	2
GA	ENHANCED EXTENDED LINK (EELs)	4-Wire Analog Voice Grade Loop in Combination - Zone 3	UNCVX	UEAL4	3
GA	ENHANCED EXTENDED LINK (EELs)	4-Wire Analog Voice Grade Loop in Combination - Zone 3 [DISCONNECT]	UNCVX	UEAL4	3
GA	ENHANCED EXTENDED LINK (EELs)	4-Wire DS1 Digital Loop in Combination - Zone 1	UNC1X	USLXX	1

Exhibit B

State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
GA	ENHANCED EXTENDED LINK (EELs)	4-Wire DS1 Digital Loop in Combination - Zone 1 [DISCONNECT]	UNC1X	USLXX	1
GA	ENHANCED EXTENDED LINK (EELs)	4-Wire DS1 Digital Loop in Combination - Zone 2 [DISCONNECT]	UNC1X	USLXX	2
GA	ENHANCED EXTENDED LINK (EELs)	4-Wire DS1 Digital Loop in Combination - Zone 2 [DISCONNECT]	UNC1X	USLXX	2
GA	ENHANCED EXTENDED LINK (EELs)	4-Wire DS1 Digital Loop in Combination - Zone 3 [DISCONNECT]	UNC1X	USLXX	3
GA	ENHANCED EXTENDED LINK (EELs)	4-Wire DS1 Digital Loop in Combination - Zone 3 [DISCONNECT]	UNC1X	USLXX	3
GA	ENHANCED EXTENDED LINK (EELs)	DS3 Local Loop in combination - per mile	UNC3X	1L5ND	
GA	ENHANCED EXTENDED LINK (EELs)	DS3 Local Loop in combination - Facility Termination	UNC3X	UE3PX	
GA	ENHANCED EXTENDED LINK (EELs)	DS3 Local Loop in combination - Facility Termination [DISCONNECT]	UNC3X	UE3PX	
GA	ENHANCED EXTENDED LINK (EELs)	Interoffice Channel in combination - DS1 - per mile	UNC1X	1L5XX	
GA	ENHANCED EXTENDED LINK (EELs)	Interoffice Channel in combination - DS1 Facility Termination	UNC1X	U1TF1	
GA	ENHANCED EXTENDED LINK (EELs)	Interoffice Channel in combination - DS1 Facility Termination [DISCONNECT]	UNC1X	U1TF1	
GA	ENHANCED EXTENDED LINK (EELs)	Interoffice Channel in combination - DS3 - per mile	UNC3X	1L5XX	
GA	ENHANCED EXTENDED LINK (EELs)	Interoffice Channel in combination - DS3 - Facility Termination	UNC3X	U1TF3	
GA	ENHANCED EXTENDED LINK (EELs)	Interoffice Channel in combination - DS3 - Facility Termination [DISCONNECT]	UNC3X	U1TF3	
GA	ADDITIONAL NETWORK ELEMENTS	Service Rearrangements - NRC - Order Coordination Specific Time - Dedicated Transport	UNC1X, UNC3X	OCOSR	

Exhibit B

State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
IL	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Loop -Rural (Access Area C)	MUJ++, EE7JX, UOB++, UOR++	U2HXC	C
IL	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Loop - Suburban (Access Area B)	MUJ++, EE7JX, UOB++, UOR++	U2HXB	B
IL	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Loop - Metro (Access Area A)	MUJ++, EE7JX, UOB++, UOR++	U2HXA	A
IL	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Ground Start Loop, Analog/Reverse Battery-Rural(Access Area C)	MUJ++, EE7JX, UOB++, UOR++	U2WXC	C
IL	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Ground Start Loop, Analog/Reverse Battery-Suburban(Access Area B)	MUJ++, EE7JX, UOB++, UOR++	U2WXB	B
IL	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Ground Start Loop, analog/Reverse Battery-Metro(Access Area A)	MUJ++, EE7JX, UOB++, UOR++	U2WXA	A
IL	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Ground Start Loop, PBX-Rural (Access Area C)	MUJ++, EE7JX, UOB++, UOR++	U2JXC	C
IL	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Ground Start Loop, PBX-Suburban (Access Area B)	MUJ++, EE7JX, UOB++, UOR++	U2JXB	B
IL	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Ground Start Loop, PBX-Metro (Access Area A)	MUJ++, EE7JX, UOB++, UOR++	U2JXA	A
IL	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire COPTS Coin Loop-Rural (Access Area C)	MUJ++, UOB++, UOR++	U2CXC	C
IL	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire COPTS Coin Loop-Suburban (Access Area B)	MUJ++, UOB++, UOR++	U2CXB	B
IL	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire COPTS Coin Loop-Metro (Access Area A)	MUJ++, UOB++, UOR++	U2CXA	A
IL	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire EKL - Rural (Access Area C)	MUJ++, UOB++, UOR++	U2KXC	C
IL	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire EKL - Suburban (Access Area B)	MUJ++, UOB++, UOR++	U2KXB	B
IL	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire EKL - Metro (Access Area A)	MUJ++, UOB++, UOR++	U2KXA	A
IL	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Loop - Rural (Access Area C)	MUJ++, EE7KX, UOB++, UOR++	U4HXC	C
IL	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Loop - Suburban (Access Area B)	MUJ++, EE7KX, UOB++, UOR++	U4HXB	B

Exhibit B

State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
IL	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Loop - Metro Access Area A)	MUJ++, EE7KX, UOB++, UOR++	U4HXA	A
IL	UNBUNDLED EXCHANGE ACCESS LOOP	Loop Non-Recurring Charges - Service Ordering Charge - Analog Loops - Initial - Per Occasion (Connect + Disconnect Service Order - Initial (Connect)	MUJ++, EE7JX, EE7KX, EE7LX, UOB++, UOR++	SEPUP	
IL	UNBUNDLED EXCHANGE ACCESS LOOP	Loop Non-Recurring Charges - Service Ordering Charge - Analog Loops - Initial - Per Occasion (Connect + Disconnect) Service Order - (Disconnect)	MUJ++, UOB++, UOR++	NKCG6	
IL	UNBUNDLED EXCHANGE ACCESS LOOP	Loop Non-Recurring Charges - Service Ordering Charge - Analog Loops - Subsequent - Per Occasion	MUJ++, EE7JX, EE7KX, EE7LX, UOB++, UOR++	REAH9	
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	
IL	UNBUNDLED DEDICATED TRANSPORT	DS1 Interoffice Mileage Termination - Per Point of Termination - All Areas	UB5++, EE7MX, UK1++	CZ4XA	
IL	UNBUNDLED DEDICATED TRANSPORT	DS1 Interoffice Mileage Termination - Per Point of Termination - All Areas	UB5++, EE7MX, UK1++	CZ4XB	
IL	UNBUNDLED DEDICATED TRANSPORT	DS1 Interoffice Mileage Termination - Per Point of Termination - All Areas	UB5++, EE7MX, UK1++	CZ4XC	
IL	UNBUNDLED DEDICATED TRANSPORT	DS1 Interoffice Mileage - Per Mile - All Areas	UB5++, EE7MX, UK1++	1YZXA	
IL	UNBUNDLED DEDICATED TRANSPORT	DS1 Interoffice Mileage - Per Mile - All Areas	UB5++, EE7MX, UK1++	1YZXB	
IL	UNBUNDLED DEDICATED TRANSPORT	DS1 Interoffice Mileage - Per Mile - All Areas	UB5++, EE7MX, UK1++	1YZXC	
IL	UNBUNDLED DEDICATED TRANSPORT	DS3 Interoffice Mileage Termination - Per Point of Termination - All Areas	UB5++, EE7NX, UK3++	CZ4XA	
IL	UNBUNDLED DEDICATED TRANSPORT	DS3 Interoffice Mileage Termination - Per Point of Termination - All Areas	UB5++, EE7NX, UK3++	CZ4XB	
IL	UNBUNDLED DEDICATED TRANSPORT	DS3 Interoffice Mileage Termination - Per Point of Termination - All Areas	UB5++, EE7NX, UK3++	CZ4XC	
IL	UNBUNDLED DEDICATED TRANSPORT	DS3 Interoffice Mileage - Per Mile - All Areas	UB5++, EE7NX, UK3++	1YZXA	

Exhibit B

State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
IL	UNBUNDLED DEDICATED TRANSPORT	DS3 Interoffice Mileage - Per Mile - All Areas	UB5++, EE7NX, UK3++	1YZXB	
IL	UNBUNDLED DEDICATED TRANSPORT	DS3 Interoffice Mileage - Per Mile - All Areas	UB5++, EE7NX, UK3++	1YZXC	
IL	UNBUNDLED DEDICATED TRANSPORT	DS3 Interoffice Mileage Termination - Per Point of Termination - All Areas	UB5++, EE7NX, UK3++	CZ4WA	
IL	UNBUNDLED DEDICATED TRANSPORT	DS3 Interoffice Mileage Termination - Per Point of Termination - All Areas	UB5++, EE7NX, UK3++	CZ4WB	
IL	UNBUNDLED DEDICATED TRANSPORT	DS3 Interoffice Mileage Termination - Per Point of Termination - All Areas	UB5++, EE7NX, UK3++	CZ4WC	
IL	UNBUNDLED DEDICATED TRANSPORT	DS3 Interoffice Mileage - Per Mile - All Areas	UB5++, EE7NX, UK3++	1YZBA	
IL	UNBUNDLED DEDICATED TRANSPORT	DS3 Interoffice Mileage - Per Mile - All Areas	UB5++, EE7NX, UK3++	1YZBB	
IL	UNBUNDLED DEDICATED TRANSPORT	DS3 Interoffice Mileage - Per Mile - All Areas	UB5++, EE7NX, UK3++	1YZBC	
IL	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS1 to Voice Grade	UB5++, UK1++	QMVXA	
IL	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS1 to Voice Grade	UB5++, UK1++	QMVXB	
IL	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS1 to Voice Grade	UB5++, UK1++	QMVXC	
IL	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS3 to DS1	UB5++, UK3++	QM3XA	
IL	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS3 to DS1	UB5++, UK3++	QM3XB	
IL	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS3 to DS1	UB5++, UK3++	QM3XC	
IL	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Cross Connects DS1	UB5++, EE7MX, UK1++	CXCDX	
IL	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Cross Connects DS3	UB5++, EE7NX, UK3++	CXCEX	

Exhibit B

State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
IL	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Optional Features & Functions - DS1 Clear Channel Capability - Per 1.544 Mbps Circuit Arranged	UB5++, EE7MX, UK1++	CLYXA	
IL	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Optional Features & Functions - DS1 Clear Channel Capability - Per 1.544 Mbps Circuit Arranged	UB5++, EE7MX, UK1++	CLYXB	
IL	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Optional Features & Functions - DS1 Clear Channel Capability - Per 1.544 Mbps Circuit Arranged	UB5++, EE7MX, UK1++	CLYXC	
IL	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Installation & Rearrangement Charges - DS1 Administration Charge - Per Order	UB5++, EE7MX, UK1++	ORCMX	
IL	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Installation & Rearrangement Charges - DS1 Design & Central Office Connection Charge - Per Circuit	UB5++, EE7MX, UK1++	NRBCL	
IL	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Installation & Rearrangement Charges - DS1 Carrier Connection Charge - Per Order	UB5++, EE7MX, UK1++	NRBBL	
IL	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Installation & Rearrangement Charges - DS3 Administration Charge - Per Order	UB5++, EE7NX, UK3++	ORCMX	
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	
IL	UNBUNDLED DEDICATED TRANSPORT	Carrier Connection Charge - Per Order	UB5++, EE7NX, UK3++	NRBDT	
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	
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	
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	

Exhibit B

State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
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	
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	
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	
IL	UNBUNDLED DEDICATED TRANSPORT	DS1 Transport Service Order Charge Per LSR or ASR - Electronic Establish Connection	EE7MX		
IL	UNBUNDLED DEDICATED TRANSPORT	DS1 Transport Service Order Charge Per LSR or ASR - Electronic Establish Disconnection	EE7MX		
IL	UNBUNDLED DEDICATED TRANSPORT	DS1 Transport Service Order Charge Per LSR or ASR - Manual Establish Connection	EE7MX		
IL	UNBUNDLED DEDICATED TRANSPORT	DS1 Transport Service Order Charge Per LSR or ASR - Manual Establish Disconnection	EE7MX		
IL	UNBUNDLED DEDICATED TRANSPORT	DS3 Transport Service Order Charge Per LSR or ASR - Electronic Establish Connection	EE7NX		
IL	UNBUNDLED DEDICATED TRANSPORT	DS3 Transport Service Order Charge Per LSR or ASR - Electronic Establish Disconnection	EE7NX		
IL	UNBUNDLED DEDICATED TRANSPORT	DS3 Transport Service Order Charge Per LSR or ASR - Manual Establish Connection	EE7NX		
IL	UNBUNDLED DEDICATED TRANSPORT	DS3 Transport Service Order Charge Per LSR or ASR - Manual Establish Disconnection	EE7NX		
IL	UNBUNDLED EXCHANGE ACCESS LOOP	Non-Channelized DS1 EEL Service Order - Electronic Establish Connection	EE7MX	NKCB4	
IL	UNBUNDLED EXCHANGE ACCESS LOOP	Non-Channelized DS1 EEL Service Order - Electronic Establish Disconnection	EE7MX	NKCB5	
IL	OPERATIONS SUPPORT SYSTEM	Provisioning - 2-Wire Analog Loop Connection - Initial Connection	EE7JX	NKCB8	
IL	OPERATIONS SUPPORT SYSTEM	Provisioning - 2-Wire Analog Loop Connection - Initial Disconnection	EE7JX	NKCB9	
IL	OPERATIONS SUPPORT SYSTEM	Provisioning - 2-Wire Analog Loop Connection - Additional Connection	EE7JX	NKCB A	

Exhibit B

State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
IL	OPERATIONS SUPPORT SYSTEM	Provisioning - 2-Wire Analog Loop Connection - Additional Disconnection	EE7JX	NKCBB	
IL	OPERATIONS SUPPORT SYSTEM	Provisioning - 4-Wire Analog Loop Connection - Initial Connection	EE7KX	NKCBC	
IL	OPERATIONS SUPPORT SYSTEM	Provisioning - 4-Wire Analog Loop Connection - Initial Disconnection	EE7KX	NKCBD	
IL	OPERATIONS SUPPORT SYSTEM	Provisioning - 4-Wire Analog Loop Connection - Additional Connection	EE7KX	NKCBF	
IL	OPERATIONS SUPPORT SYSTEM	Provisioning - 4-Wire Analog Loop Connection - Additional Disconnection	EE7KX	NKCBF	
IL	UNBUNDLED DEDICATED TRANSPORT	Provisioning - Central Office Multiplexing DS1 to Voice - Initial Connection	EE7MX		
IL	UNBUNDLED DEDICATED TRANSPORT	Provisioning - Central Office Multiplexing DS1 to Voice - Initial Disconnection	EE7MX		
IL	UNBUNDLED DEDICATED TRANSPORT	Provisioning - Central Office Multiplexing DS1 to Voice - Additional Connection	EE7MX		
IL	UNBUNDLED DEDICATED TRANSPORT	Provisioning - Central Office Multiplexing DS1 to Voice - Additional Disconnection	EE7MX		
IL	UNBUNDLED DEDICATED TRANSPORT	Provisioning - DS1 Interoffice UDT - Collocated Initial Connection	EE7MX		
IL	UNBUNDLED DEDICATED TRANSPORT	Provisioning - DS1 Interoffice UDT - Collocated Initial Disconnection	EE7MX		
IL	UNBUNDLED DEDICATED TRANSPORT	Provisioning - DS1 Interoffice UDT - Collocated Additional Connection	EE7MX		
IL	UNBUNDLED DEDICATED TRANSPORT	Provisioning - DS1 Interoffice UDT - Collocated Additional Disconnection	EE7MX		
IL	UNBUNDLED DEDICATED TRANSPORT	Provisioning - 4-Wire DS1 Digital Loop to DS1 Interoffice UDT - Collocated - Initial Connection	EE7MX	NKCBT	
IL	UNBUNDLED DEDICATED TRANSPORT	Provisioning - 4-Wire DS1 Digital Loop to DS1 Interoffice UDT - Collocated - Initial Disconnection	EE7MX	NKCBU	
IL	UNBUNDLED DEDICATED TRANSPORT	Provisioning - 4-Wire DS1 Digital Loop to DS1 Interoffice UDT - Collocated - Additional Connection	EE7MX	NKCBV	
IL	UNBUNDLED DEDICATED TRANSPORT	Provisioning - 4-Wire DS1 Digital Loop to DS1 Interoffice UDT - Collocated - Additional Disconnection	EE7MX	NKCBW	

Exhibit B

State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
IL	UNBUNDLED DEDICATED TRANSPORT	Provisioning - DS3 Interoffice UDT - Collocated - Initial Connection	EE7NX		
IL	UNBUNDLED DEDICATED TRANSPORT	Provisioning - DS3 Interoffice UDT - Collocated - Initial Disconnection	EE7NX		
IL	UNBUNDLED DEDICATED TRANSPORT	Provisioning - DS3 Interoffice UDT - Collocated - Additional Connection	EE7NX		
IL	UNBUNDLED DEDICATED TRANSPORT	Provisioning - DS3 Interoffice UDT - Collocated - Additional Disconnection	EE7NX		
IL	UNBUNDLED DEDICATED TRANSPORT	Provisioning - Clear Channel Capability Initial, Install	EE7MX	NKCC6	
IL	UNBUNDLED DEDICATED TRANSPORT	Provisioning - Clear Channel Capability Additional, Install	EE7MX		
IL	UNBUNDLED DEDICATED TRANSPORT	Provisioning - Clear Channel Capability Additional, Disconnect	EE7MX	NKCC7	
IL	UNBUNDLED DEDICATED TRANSPORT	Special Access to UNE Conversion - Channelized Facility from Cage, DS1, Design and Coordination Charge	EE7MX	NKCC9	
IL	UNBUNDLED DEDICATED TRANSPORT	Special Access to UNE Conversion - Channelized Facility from Cage, DS3, Design and Coordination Charge	EE7MX	NKCCA	
IL	UNBUNDLED DEDICATED TRANSPORT	Special Access to UNE Conversion - Non-Channelized Facility from Cage, DSO, Design and Coordination Charge	EE7JX, EE7KX, EE7LX	NKCCB	
IL	UNBUNDLED DEDICATED TRANSPORT	Special Access to UNE Conversion - Non-Channelized Facility from Cage, DS1, Design and Coordination Charge	EE7MX	NKCCC	
IL	UNBUNDLED DEDICATED TRANSPORT	Special Access to UNE Conversion - Non-Channelized Facility from Cage, DS3, Design and Coordination charge	EE7NX	NKCCD	
IL	UNBUNDLED DEDICATED TRANSPORT	Special Access to UNE Conversion - Channelized Facility from POP, DS1, Design and Coordination charge	EE7MX	NKCCE	
IL	UNBUNDLED DEDICATED TRANSPORT	Special Access to UNE Conversion - Channelized Facility from POP, DS3, Design and Coordination Charge	EE7NX	NKCCF	

Exhibit B

State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
IL	UNBUNDLED DEDICATED TRANSPORT	Special Access to UNE Conversion - Channelized Facility from POP, DSO, Design and Coordination Charge			
IL	UNBUNDLED DEDICATED TRANSPORT	Special Access to UNE Conversion - Non-Channelized Facility from POP, DSO, Design and Coordination Charge			
IL	UNBUNDLED DEDICATED TRANSPORT	Special Access to UNE Conversion - Non-Channelized Facility from OPO, DSO, Design and coordination Charge	EE7JX, EE7KX, EE7LX	NKCCG	
IL	UNBUNDLED DEDICATED TRANSPORT	Special Access to UNE Conversion - Non-Channelized Facility from POP, DS1, Design and Coordination Charge	EE7MX	NKCCH	
IL	UNBUNDLED DEDICATED TRANSPORT	Special Access to UNE Conversion - Non-Channelized Facility from POP, DS3, Design and Coordination Charge	EE7NX	NKCCJ	
IL	UNBUNDLED DEDICATED TRANSPORT	Special Access to UNE Conversion - Private Line to UNE Conversion			
IL	UNBUNDLED DEDICATED TRANSPORT	Special Access to UNE Conversion - AC2U Project Administrative Activity Per Service Circuit	EE7JX, EE7KX, EE7LX, EE7MX, EE7NX	NKCC8	
IL	UNBUNDLED DEDICATED TRANSPORT	Routine Modiifications to Existing Facilities Charge	MUJ++, UOB++, UOR++, UB5++, EE7MX, EE7NX, UK3++, UK1++		

Exhibit B

State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
IN	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog - Rural (Rate Class 1)	MUJ++, EE7JX, UOB++, UOR++	U2HX1	1
IN	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog - Suburban (Rate Class 2)	MUJ++, EE7JX, UOB++, UOR++	U2HX2	2
IN	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog - Metro (Rate Class 3)	MUJ++, EE7JX, UOB++, UOR++	U2HX3	3
IN	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Ground Start, DID/Reverse Battery - Rural (Rate Class 1)	MUJ++, EE7JX, UOB++, UOR++	U2WX1	1
IN	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Ground Start, DID/Reverse Battery - Suburban (Rate Class 2)	MUJ++, EE7JX, UOB++, UOR++	U2WX2	2
IN	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Ground Start, DID/Reverse Battery - Metro (Rate Class 3)	MUJ++, EE7JX, UOB++, UOR++	U2WX3	3
IN	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Ground Start, PBX - Rural (Rate Class 1)	MUJ++, EE7JX, UOB++, UOR++	U2JX1	1
IN	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Ground Start, PBX - Suburban (Rate Class 2)	MUJ++, EE7JX, UOB++, UOR++	U2JX2	2
IN	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Ground Start, PBX - Metro (Rate Class 3)	MUJ++, EE7JX, UOB++, UOR++	U2JX3	3
IN	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire COPTS Coin - Rural (Rate Class 1)	MUJ++, EE7JX, UOB++, UOR++	U2CX1	1
IN	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire COPTS Coin - Suburban (Rate Class 2)	MUJ++, EE7JX, UOB++, UOR++	U2CX2	2
IN	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire COPTS Coin - Metro (Rate Class 3)	MUJ++, EE7JX, UOB++, UOR++	U2CX3	3
IN	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire EKL - Rural (Rate Class 1)	MUJ++, EE7JX, UOB++, UOR++	U2KX1	1
IN	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire EKL - Suburban (Rate Class 2)	MUJ++, EE7JX, UOB++, UOR++	U2KX2	2
IN	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire EKL - Metro (Rate Class 3)	MUJ++, EE7JX, UOB++, UOR++	U2KX3	3
IN	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog - Rural (Rate Class 1)	MUJ++, EE7KX, UOB++, UOR++	U4HX1	1
IN	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog - Suburban (Rate Class 2)	MUJ++, EE7KX, UOB++, UOR++	U4HX2	2

Exhibit B

State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
IN	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog - Metro (Rate Class 3)	MUJ++, EE7KX, UOB++, UOR++	U4HX3	3
IN	UNBUNDLED DEDICATED TRANSPORT	Interoffice Transport DS1 Interoffice Mileage Termination - Per Point of Termination - All Zones	UB5++, EE7MX, UK1++	CZ4X1	
IN	UNBUNDLED DEDICATED TRANSPORT	Interoffice Transport DS1 Interoffice Mileage Termination - Per Point of Termination - All Zones	UB5++, EE7MX, UK1++	CZ4X2	
IN	UNBUNDLED DEDICATED TRANSPORT	Interoffice Transport DS1 Interoffice Mileage Termination - Per Point of Termination - All Zones	UB5++, EE7MX, UK1++	CZ4X3	
IN	UNBUNDLED DEDICATED TRANSPORT	Interoffice Mileage - Per Mile - All Zones	UB5++, EE7MX, UK1++	1YZX1	
IN	UNBUNDLED DEDICATED TRANSPORT	Interoffice Mileage - Per Mile - All Zones	UB5++, EE7MX, UK1++	1YZX2	
IN	UNBUNDLED DEDICATED TRANSPORT	Interoffice Mileage - Per Mile - All Zones	UB5++, EE7MX, UK1++	1YZX3	
IN	UNBUNDLED DEDICATED TRANSPORT	Interoffice Transport DS3 Interoffice Mileage Termination - Per Point of Termination - All Zones	UB5++, EE7NX, UK3++	CZ4W1	
IN	UNBUNDLED DEDICATED TRANSPORT	Interoffice Transport DS3 Interoffice Mileage Termination - Per Point of Termination - All Zones	UB5++, EE7NX, UK3++	CZ4W2	
IN	UNBUNDLED DEDICATED TRANSPORT	Interoffice Transport DS3 Interoffice Mileage Termination - Per Point of Termination - All Zones	UB5++, EE7NX, UK3++	CZ4W3	
IN	UNBUNDLED DEDICATED TRANSPORT	Interoffice Transport DS3 Interoffice Mileage - Per Mile - All Zones	UB5++, EE7NX, UK3++	1YZB1	
IN	UNBUNDLED DEDICATED TRANSPORT	Interoffice Transport DS3 Interoffice Mileage - Per Mile - All Zones	UB5++, EE7NX, UK3++	1YZB2	
IN	UNBUNDLED DEDICATED TRANSPORT	Interoffice Transport DS3 Interoffice Mileage - Per Mile - All Zones	UB5++, EE7NX, UK3++	1YZB3	
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	
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	

Exhibit B

State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
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	
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	
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	
IN	UNBUNDLED EXCHANGE ACCESS LOOP	Enhanced Extended Loop (EEL) Service Order per LSR Manual, Analog 2-Wire Digital Loop, Subsequent Order	EE7MX	NKCAW	
IN	UNBUNDLED EXCHANGE ACCESS LOOP	Enhanced Extended Loop (EEL) Service Order per LSR Electronic, DS1 Loop, Establishment Request, Install	EE7MX	NKCAX	
IN	UNBUNDLED EXCHANGE ACCESS LOOP	Enhanced Extended Loop (EEL) Service Order per LSR Electronic, DS1 Loop, Establishment Request, Disconnect	EE7MX	NKCAY	
IN	UNBUNDLED EXCHANGE ACCESS LOOP	Enhanced Extended Loop (EEL) Service Order per LSR Electronic, DS1 Loop, Subsequent Order	EE7MX	NKCAZ	
IN	UNBUNDLED EXCHANGE ACCESS LOOP	Enhanced Extended Loop (EEL) Service Order per LSR Manual, DS1 Loop, Establishment Request, Install	EE7MX	NKCB1	
IN	UNBUNDLED EXCHANGE ACCESS LOOP	Enhanced Extended Loop (EEL) Service Order per LSR Manual, DS1 Loop, Establishment Request, Disconnect	EE7MX	NKCB2	
IN	UNBUNDLED EXCHANGE ACCESS LOOP	Enhanced Extended Loop (EEL) Service Order per LSR Manual, DS1 Loop, Subsequent Order	EE7MX	NKCB3	
IN	UNBUNDLED DEDICATED TRANSPORT	Enhanced Extended Loop (EEL) Service Order per LSR Electronic, DS1 or DS3 Transport, Establishment Request, Install			
IN	UNBUNDLED DEDICATED TRANSPORT	Enhanced Extended Loop (EEL) Service Order per LSR Electronic, DS1 or DS3 Transport, Establishment Request, Disconnect			

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State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
IN	UNBUNDLED DEDICATED TRANSPORT	Enhanced Extended Loop (EEL) Service Order per LSR Manual, DS1 or DS3 Transport, Establishment Request, Install			
IN	UNBUNDLED DEDICATED TRANSPORT	Enhanced Extended Loop (EEL) Service Order per LSR Manual, DS1 or DS3 Transport, Establishment Request, Disconnect			
IN	UNBUNDLED EXCHANGE ACCESS LOOP	Enhanced Extended Loop (EEL) Service Order per LSR Electronic, Non-channelized DS1 EEL, Establishment Request, Install	EE7MX	NKCB4	
IN	UNBUNDLED EXCHANGE ACCESS LOOP	Enhanced Extended Loop (EEL) Service Order per LSR Electronic, Non-channelized DS1 EEL, Establishment Request, Disconnect	EE7MX	NKCB5	
IN	UNBUNDLED EXCHANGE ACCESS LOOP	Enhanced Extended Loop (EEL) Service Order per LSR Manual, Non-channelized DS1 EEL, Establishment Request, Install	EE7MX	NKCB6	
IN	UNBUNDLED EXCHANGE ACCESS LOOP	Enhanced Extended Loop (EEL) Service Order per LSR Manual, Non-channelized DS1 EEL, Establishment Request, Disconnect	EE7MX	NKCB7	
IN	UNBUNDLED DEDICATED TRANSPORT	Enhanced Extended Loop (EEL) Service Order per LSR Electronic, CO Multiplexing, DS1 to Voice, Establishment Request, Install			
IN	UNBUNDLED DEDICATED TRANSPORT	Enhanced Extended Loop (EEL) Service Order per LSR Electronic, CO Multiplexing, DS1 to Voice, Establishment Request, Disconnect			
IN	UNBUNDLED DEDICATED TRANSPORT	Enhanced Extended Loop (EEL) Service Order per LSR Manual, CO Multiplexing, DS1 to Voice, Establishment Request, Install			
IN	UNBUNDLED DEDICATED TRANSPORT	Enhanced Extended Loop (EEL) Service Order per LSR Manual, CO Multiplexing, DS1 to Voice, Establishment Request, Disconnect			
IN	UNBUNDLED EXCHANGE ACCESS LOOP	Enhanced Extended Loop (EEL) New Combination per Element 2-Wire Analog Loop Connection, Initial, Install	EE7JX	NKCB8	

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State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
IN	UNBUNDLED EXCHANGE ACCESS LOOP	Enhanced Extended Loop (EEL) New Combination per Element 2-Wire Analog Loop Connection, Initial, Disconnect	EE7JX	NKCB9	
IN	UNBUNDLED EXCHANGE ACCESS LOOP	Enhanced Extended Loop (EEL) New Combination per Element 2-Wire Analog Loop Connection, Additional, Install	EE7JX	NKCB A	
IN	UNBUNDLED EXCHANGE ACCESS LOOP	Enhanced Extended Loop (EEL) New Combination per Element 2-Wire Analog Loop Connection, Additional, Disconnect	EE7JX	NKCB B	
IN	UNBUNDLED EXCHANGE ACCESS LOOP	Enhanced Extended Loop (EEL) New Combination per Element 4-Wire Analog Loop Connection, Initial, Install	EE7KX	NKCB C	
IN	UNBUNDLED EXCHANGE ACCESS LOOP	Enhanced Extended Loop (EEL) New Combination per Element 4-Wire Analog Loop Connection, Initial, Disconnect	EE7KX	NKCB D	
IN	UNBUNDLED EXCHANGE ACCESS LOOP	Enhanced Extended Loop (EEL) New Combination per Element 4-Wire Analog Loop Connection, Additional, Install	EE7KX	NKCB E	
IN	UNBUNDLED EXCHANGE ACCESS LOOP	Enhanced Extended Loop (EEL) New Combination per Element 4-Wire Analog Loop Connection, Additional, Disconnect	EE7KX	NKCB F	
IN	UNBUNDLED EXCHANGE ACCESS LOOP	Enhanced Extended Loop (EEL) New Combination per Element 2-Wire Digital Loop Connection, Initial, Install	EE7LX	NKCB G	
IN	UNBUNDLED EXCHANGE ACCESS LOOP	Enhanced Extended Loop (EEL) New Combination per Element 2-Wire Digital Loop Connection, Initial, Disconnect	EE7LX	NKCB H	
IN	UNBUNDLED EXCHANGE ACCESS LOOP	Enhanced Extended Loop (EEL) New Combination per Element 2-Wire Digital Loop Connection, Additional, Install	EE7LX	NKCB J	
IN	UNBUNDLED EXCHANGE ACCESS LOOP	Enhanced Extended Loop (EEL) New Combination per Element 2-Wire Digital Loop Connection, Additional, Disconnect	EE7LX	NKCB K	

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State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
IN	UNBUNDLED EXCHANGE ACCESS LOOP	Enhanced Extended Loop (EEL) New Combination per Element 4-Wire Digital Loop Connection, Initial, Install	EE7MX	NKCBL	
IN	UNBUNDLED EXCHANGE ACCESS LOOP	Enhanced Extended Loop (EEL) New Combination per Element 4-Wire Digital Loop Connection, Initial, Disconnect	EE7MX	NKCBM	
IN	UNBUNDLED EXCHANGE ACCESS LOOP	Enhanced Extended Loop (EEL) New Combination per Element 4-Wire Digital Loop Connection, Additional, Install	EE7MX	NKCBN	
IN	UNBUNDLED EXCHANGE ACCESS LOOP	Enhanced Extended Loop (EEL) New Combination per Element 4-Wire Digital Loop Connection, Additional, Disconnect	EE7MX	NKCBO	
IN	UNBUNDLED DEDICATED TRANSPORT	Enhanced Extended Loop (EEL) New Combination per Element CO Multiplexing, DS1 to Voice, Initial, Install	EE7MX		
IN	UNBUNDLED DEDICATED TRANSPORT	Enhanced Extended Loop (EEL) New Combination per Element CO Multiplexing, DSI to Voice, Initial, Disconnect	EE7MX		
IN	UNBUNDLED DEDICATED TRANSPORT	Enhanced Extended Loop (EEL) New Combination per Element CO Multiplexing, DSI to Voice, Additional, Install	EE7MX		
IN	UNBUNDLED DEDICATED TRANSPORT	Enhanced Extended Loop (EEL) New Combination per Element CO Multiplexing, DSI to Voice, Additional, Disconnect	EE7MX		
IN	UNBUNDLED DEDICATED TRANSPORT	Enhanced Extended Loop (EEL) New Combination per Element DS1 Interoffice Dedicated Transport Collocated, Initial, Install	EE7MX		
IN	UNBUNDLED DEDICATED TRANSPORT	Enhanced Extended Loop (EEL) New Combination per Element DS1 Interoffice Dedicated Transport Collocated, Initial, Disconnect	EE7MX		
IN	UNBUNDLED DEDICATED TRANSPORT	Enhanced Extended Loop (EEL) New Combination per Element DS1 Interoffice Dedicated Transport Collocated, Additional, Install	EE7MX		

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State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
IN	UNBUNDLED DEDICATED TRANSPORT	Enhanced Extended Loop (EEL) New Combination per Element DS1 Interoffice Dedicated Transport Collocated, Additional, Disconnect	EE7MX		
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	
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	
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	
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	
IN	UNBUNDLED DEDICATED TRANSPORT	Enhanced Extended Loop (EEL) New Combination per Element DS3 Interoffice Dedicated Transport Collocated, Initial, Install	EE7NX		
IN	UNBUNDLED DEDICATED TRANSPORT	Enhanced Extended Loop (EEL) New Combination per Element DS3 Interoffice Dedicated Transport Collocated, Initial, Disconnect	EE7NX		
IN	UNBUNDLED DEDICATED TRANSPORT	Enhanced Extended Loop (EEL) New Combination per Element DS3 Interoffice Dedicated Transport Collocated, Additional, Install	EE7NX		
IN	UNBUNDLED DEDICATED TRANSPORT	Enhanced Extended Loop (EEL) New Combination per Element DS3 Interoffice Dedicated Transport Collocated, Additional, Disconnect	EE7NX		
IN	UNBUNDLED EXCHANGE ACCESS LOOP	Enhanced Extended Loop (EEL) New Combination per Element Clear Channel Capability, Initial, Install	EE7MX	NKCC6	

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State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
IN	UNBUNDLED EXCHANGE ACCESS LOOP	Enhanced Extended Loop (EEL) New Combination per Element Clear Channel Capability, Additional, Install	EE7MX	NKCC7	
IN	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS1 to Voice Grade	UB5++, UK1++, EE7MX	QMVX1	
IN	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS1 to Voice Grade	UB5++, UK1++, EE7MX	QMVX2	
IN	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS1 to Voice Grade	UB5++, UK1++, EE7MX	QMVX3	
IN	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS3 to DS1	UB5++, UK3++, EE7NX	QM3X1	
IN	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS3 to DS1	UB5++, UK3++, EE7NX	QM3X2	
IN	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS3 to DS1	UB5++, UK3++, EE7NX	QM3X3	
IN	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Cross Connects DS1	UB5++, EE7MX, UK1++	CXCDX	
IN	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Cross Connects DS3	UB5++, EE7NX, UK3++	CXCEX	
IN	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Optional Features & Functions DS1 Clear Channel Capability - Per 1.544 Mbps Circuit Arranged	UB5++, EE7MX, UK1++	CLYX1	
IN	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Optional Features & Functions DS1 Clear Channel Capability - Per 1.544 Mbps Circuit Arranged	UB5++, EE7MX, UK1++	CLYX2	
IN	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Optional Features & Functions DS1 Clear Channel Capability - Per 1.544 Mbps Circuit Arranged	UB5++, EE7MX, UK1++	CLYX3	
IN	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Installation & Rearrangement Charges DS1 Administration Charge - Per Order	UB5++, UK1++	ORCMX	
IN	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Installation & Rearrangement Charges DS1 Design & Central Office Connection Charge - Per Circuit	UB5++, UK1++	NRBCL	

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State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
IN	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Installation & Rearrangement Charges DS1 Carrier Connection Charge - Per Order	UB5++, UK1++	NRBBL	
IN	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Installation & Rearrangement Charges DS3 Administration Charge - Per Order	UB5++, UK3++	ORCMX	
IN	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Installation & Rearrangement Charges DS3 Design & Central Office Connection Charge - Per Circuit	UB5++, UK3++	NRBCL	
IN	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Installation & Rearrangement Charges DS3 Design & Central Office Connection Charge - Per Circuit	UB5++, UK3++	NRBC4	
IN	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Installation & Rearrangement Charges DS3 Carrier Connection Charge - Per Order	UB5++, UK3++	NRBBL	
IN	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Installation & Rearrangement Charges DS3 Carrier Connection Charge - Per Order	UB5++, UK3++	NRBDT	

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State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
KS	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Loop - Zone 1 (Rural)		U21	1
KS	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Loop - Zone 2 (Suburban)		U21	2
KS	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Zone 3 (Urban)		U21	3
KS	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Loop - Zone 1(Rural)		U4H	1
KS	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Loop - Zone 2 (Suburban)		U4H	2
KS	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Loop - Zone 3 (Urban)		U4H	3
KS	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Loop Cross Connect to Collocation		UCXC2	
KS	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Loop Cross Connect to Collocation (without testing)		UCXD2	
KS	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Loop Cross Connect to Collocation		UCXC4	
KS	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Loop Cross Connect to Collocation (without testing)		UCXD4	
KS	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, First Mile - Zone 1 (Rural)		ULNHS	1
KS	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, First Mile - Zone 2 (Suburban)		ULNHS	2
KS	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, First Mile - Zone 3 (Urban)		ULNHS	3
KS	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, First Mile - Interzone		ULNHS	I
KS	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile - Zone 1 (Rural)		ULNHS	1
KS	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile - Zone 2 (Suburban)		ULNHS	2
KS	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile - Zone 3 (Urban)		ULNHS	3

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State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
KS	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile - Interzone		ULNHS	I
KS	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, First Mile - Zone 1 (Rural)		ULNJS	1
KS	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, First Mile - Zone 2 (Suburban)		ULNJS	2
KS	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, First Mile - Zone 3 (Urban)		ULNJS	3
KS	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, First Mile - Interzone		ULNJS	I
KS	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile - Zone 1 (Rural)		ULNJS	1
KS	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile - Zone 2 (Suburban)		ULNJS	2
KS	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile - Zone 3 (Urban)		ULNJS	3
KS	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile - Interzone		ULNJS	I
KS	UNBUNDLED DEDICATED TRANSPORT	DS1 Cross Connect to Collocation		UCXHX	
KS	UNBUNDLED DEDICATED TRANSPORT	DS3 Cross Connect to Collocation		UCXJX	
KS	UNBUNDLED DEDICATED TRANSPORT	DS1 to VG - Multiplexing		UM4BX	
KS	UNBUNDLED DEDICATED TRANSPORT	DS3 to DS1 - Multiplexing		UM4AX	
KS	UNBUNDLED DEDICATED TRANSPORT	2-wire Analog Loop Cross Connect to POA - Method 1		UXRA1	1
KS	UNBUNDLED DEDICATED TRANSPORT	2-wire Analog Loop Cross Connect to POA - Method 2		UXRA2	2
KS	UNBUNDLED DEDICATED TRANSPORT	2-wire Analog Loop Cross Connect to POA - Method 3		UXRA3	3

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State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
KY	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1- Zone 1	UEANL	UEAL2	1
KY	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1- Zone 1 [DISCONNECT]	UEANL	UEAL2	1
KY	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1- Zone 2	UEANL	UEAL2	2
KY	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1- Zone 2 [DISCONNECT]	UEANL	UEAL2	2
KY	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1- Zone 3	UEANL	UEAL2	3
KY	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1- Zone 3 [DISCONNECT]	UEANL	UEAL2	3
KY	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1- Zone 1	UEANL	UEASL	1
KY	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1- Zone 1 [DISCONNECT]	UEANL	UEASL	1
KY	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1- Zone 2	UEANL	UEASL	2
KY	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1- Zone 2 [DISCONNECT]	UEANL	UEASL	2
KY	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1- Zone 3	UEANL	UEASL	3
KY	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1- Zone 3 [DISCONNECT]	UEANL	UEASL	3
KY	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Manual Order Coordination for UVL-SL1s (per loop)	UEANL	UEAMC	
KY	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Order Coordination for Specified Conversion Time for UVL-SL1 (per LSR)	UEANL	OCOSL	
KY	UNBUNDLED EXCHANGE ACCESS LOOP	Bulk Migration, per 2 Wire Voice Loop-SL1	UEANL	UREPN	
KY	UNBUNDLED EXCHANGE ACCESS LOOP	Bulk Migration, per 2 Wire Voice Loop-SL1 [DISCONNECT]	UEANL	UREPN	
KY	UNBUNDLED EXCHANGE ACCESS LOOP	Bulk Migration Order Coordination, per 2 Wire Voice Loop-SL1	UEANL	UREPM	

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State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
KY	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Unbundled Copper Loop - Non-Designed Zone 1	UEQ	UEQ2X	1
KY	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Unbundled Copper Loop - Non-Designed Zone 1 [DISCONNECT]	UEQ	UEQ2X	1
KY	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop - Non-Designed - Zone 2	UEQ	UEQ2X	2
KY	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop - Non-Designed - Zone 2 [DISCONNECT]	UEQ	UEQ2X	2
KY	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop - Non-Designed - Zone 3	UEQ	UEQ2X	3
KY	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop - Non-Designed - Zone 3 [DISCONNECT]	UEQ	UEQ2X	3
KY	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop - Tag Loop at End User Premise	UEQ	URETL	
KY	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop - Loop Testing - Basic 1st Half Hour	UEQ	URET1	
KY	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop - Loop Testing - Basic Additional Half Hour	UEQ	URETA	
KY	UNBUNDLED EXCHANGE ACCESS LOOP	Manual Order Coordination 2 Wire Unbundled Copper Loop - Non-Designed (per loop)	UEQ	USBMC	
KY	UNBUNDLED EXCHANGE ACCESS LOOP	Bulk Migration, per 2 Wire UCL-ND	UEQ	UREPN	
KY	UNBUNDLED EXCHANGE ACCESS LOOP	Bulk Migration, per 2 Wire UCL-ND [DISCONNECT]	UEQ	UREPN	
KY	UNBUNDLED EXCHANGE ACCESS LOOP	Bulk Migration Order Coordination, per 2 Wire UCL-ND	UEQ	UREPM	
KY	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Single LSR, (per DS0)	UEA	URES�	
KY	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Spreadsheet, (per DS0)	UEA	URESP	
KY	UNBUNDLED EXCHANGE ACCESS LOOP	Bulk Migration, per 2 Wire Voice Loop-SL2	UEA	UREPN	

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State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
KY	UNBUNDLED EXCHANGE ACCESS LOOP	Bulk Migration Order Coordination, per 2 Wire Voice Loop-SL2	UEA	UREPM	
KY	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Voice Grade Loop - Zone 1	UEA	UEAL4	1
KY	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Voice Grade Loop - Zone 1 [DISCONNECT]	UEA	UEAL4	1
KY	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Voice Grade Loop - Zone 2	UEA	UEAL4	2
KY	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Voice Grade Loop - Zone 2 [DISCONNECT]	UEA	UEAL4	2
KY	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Voice Grade Loop - Zone 3	UEA	UEAL4	3
KY	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Voice Grade Loop - Zone 3 [DISCONNECT]	UEA	UEAL4	3
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	
KY	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Spreadsheet, (per DS0)	UEA	URESP	
KY	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Loop or Ground Start Signaling - Zone 1	NTCVG	UEAL2	1
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
KY	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Loop or Ground Start Signaling - Zone 2	NTCVG	UEAL2	2
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
KY	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Loop or Ground Start Signaling - Zone 3	NTCVG	UEAL2	3
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

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State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
KY	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Reverse Battery Signaling - Zone 1	NTCVG	UEAR2	1
KY	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Reverse Battery Signaling - Zone 1 [DISCONNECT]	NTCVG	UEAR2	1
KY	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Reverse Battery Signaling - Zone 2	NTCVG	UEAR2	2
KY	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Reverse Battery Signaling - Zone 2 [DISCONNECT]	NTCVG	UEAR2	2
KY	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Reverse Battery Signaling - Zone 3	NTCVG	UEAR2	3
KY	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Reverse Battery Signaling - Zone 3 [DISCONNECT]	NTCVG	UEAR2	3
KY	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Single LSR, (per DS0)	NTCVG	URES	
KY	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Spreadsheet, (per DS0)	NTCVG	URES	
KY	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Loop Tagging - Service Level 2 (SL2)	NTCVG	URETL	
KY	UNE LOOP COMMINGLING	4-Wire Analog Voice Grade Loop - Zone 1	NTCVG	UEAL4	1
KY	UNE LOOP COMMINGLING	4-Wire Analog Voice Grade Loop - Zone 1 [DISCONNECT]	NTCVG	UEAL4	1
KY	UNE LOOP COMMINGLING	4-Wire Analog Voice Grade Loop - Zone 2	NTCVG	UEAL4	2
KY	UNE LOOP COMMINGLING	4-Wire Analog Voice Grade Loop - Zone 2 [DISCONNECT]	NTCVG	UEAL4	2
KY	UNE LOOP COMMINGLING	4-Wire Analog Voice Grade Loop - Zone 3	NTCVG	UEAL4	3
KY	UNE LOOP COMMINGLING	4-Wire Analog Voice Grade Loop - Zone 3 [DISCONNECT]	NTCVG	UEAL4	3
KY	UNE LOOP COMMINGLING	4-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Single LSR, (per DS0)	NTCVG	URES	

Exhibit B

State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
KY	UNE LOOP COMMINGLING	4-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Spreadsheet, (per DS0)	NTCVG	URESP	
KY	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS1 - per mile	U1TD1	1L5XX	
KY	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS1 - Facility Termination	U1TD1	U1TF1	
KY	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS1 - Facility Termination [DISCONNECT]	U1TD1	U1TF1	
KY	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS3 - per mile	U1TD3	1L5XX	
KY	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS3 - Facility Termination	U1TD3	U1TF3	
KY	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS3 - Facility Termination [DISCONNECT]	U1TD3	U1TF3	
KY	HIGH CAPACITY UNBUNDLED LOCAL LOOP	Stand Alone - DS3 Unbundled Local Loop - per mile	UE3	1L5ND	
KY	HIGH CAPACITY UNBUNDLED LOCAL LOOP	Stand Alone - DS3 Unbundled Local Loop - Facility Termination	UE3	UE3PX	
KY	HIGH CAPACITY UNBUNDLED LOCAL LOOP	Stand Alone - DS3 Unbundled Local Loop - Facility Termination [DISCONNECT]	UE3	UE3PX	
KY	ENHANCED EXTENDED LINK (EELs)	4-Wire Analog Voice Grade Loop in Combination - Zone 1	UNCVX	UEAL4	1
KY	ENHANCED EXTENDED LINK (EELs)	4-Wire Analog Voice Grade Loop in Combination - Zone 1 [DISCONNECT]	UNCVX	UEAL4	1
KY	ENHANCED EXTENDED LINK (EELs)	4-Wire Analog Voice Grade Loop in Combination - Zone 2	UNCVX	UEAL4	2
KY	ENHANCED EXTENDED LINK (EELs)	4-Wire Analog Voice Grade Loop in Combination - Zone 2 [DISCONNECT]	UNCVX	UEAL4	2
KY	ENHANCED EXTENDED LINK (EELs)	4-Wire Analog Voice Grade Loop in Combination - Zone 3	UNCVX	UEAL4	3
KY	ENHANCED EXTENDED LINK (EELs)	4-Wire Analog Voice Grade Loop in Combination - Zone 3 [DISCONNECT]	UNCVX	UEAL4	3
KY	ENHANCED EXTENDED LINK (EELs)	4-Wire DS1 Digital Loop in Combination - Zone 1	UNC1X	USLXX	1

Exhibit B

State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
KY	ENHANCED EXTENDED LINK (EELs)	4-Wire DS1 Digital Loop in Combination - Zone 1 [DISCONNECT]	UNC1X	USLXX	1
KY	ENHANCED EXTENDED LINK (EELs)	4-Wire DS1 Digital Loop in Combination - Zone 2 [DISCONNECT]	UNC1X	USLXX	2
KY	ENHANCED EXTENDED LINK (EELs)	4-Wire DS1 Digital Loop in Combination - Zone 2 [DISCONNECT]	UNC1X	USLXX	2
KY	ENHANCED EXTENDED LINK (EELs)	4-Wire DS1 Digital Loop in Combination - Zone 3 [DISCONNECT]	UNC1X	USLXX	3
KY	ENHANCED EXTENDED LINK (EELs)	4-Wire DS1 Digital Loop in Combination - Zone 3 [DISCONNECT]	UNC1X	USLXX	3
KY	ENHANCED EXTENDED LINK (EELs)	DS3 Local Loop in combination - per mile	UNC3X	1L5ND	
KY	ENHANCED EXTENDED LINK (EELs)	DS3 Local Loop in combination - Facility Termination	UNC3X	UE3PX	
KY	ENHANCED EXTENDED LINK (EELs)	DS3 Local Loop in combination - Facility Termination [DISCONNECT]	UNC3X	UE3PX	
KY	ENHANCED EXTENDED LINK (EELs)	Interoffice Channel in combination - DS1 - per mile	UNC1X	1L5XX	
KY	ENHANCED EXTENDED LINK (EELs)	Interoffice Channel in combination - DS1 Facility Termination	UNC1X	U1TF1	
KY	ENHANCED EXTENDED LINK (EELs)	Interoffice Channel in combination - DS1 Facility Termination [DISCONNECT]	UNC1X	U1TF1	
KY	ENHANCED EXTENDED LINK (EELs)	Interoffice Channel in combination - DS3 - per mile	UNC3X	1L5XX	
KY	ENHANCED EXTENDED LINK (EELs)	Interoffice Channel in combination - DS3 - Facility Termination	UNC3X	U1TF3	
KY	ENHANCED EXTENDED LINK (EELs)	Interoffice Channel in combination - DS3 - Facility Termination [DISCONNECT]	UNC3X	U1TF3	
KY	ADDITIONAL NETWORK ELEMENTS	Service Rearrangements - NRC - Order Coordination Specific Time - Dedicated Transport	UNC1X, UNC3X	OCOSR	

Exhibit B

State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
LA	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1- Zone 1	UEANL	UEAL2	1
LA	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1- Zone 2	UEANL	UEAL2	2
LA	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1- Zone 3	UEANL	UEAL2	3
LA	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1- Zone 1	UEANL	UEASL	1
LA	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1- Zone 2	UEANL	UEASL	2
LA	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1- Zone 3	UEANL	UEASL	3
LA	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Manual Order Coordination for UVL-SL1s (per loop)	UEANL	UEAMC	
LA	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Order Coordination for Specified Conversion Time for UVL-SL1 (per LSR)	UEANL	OCOSL	
LA	UNBUNDLED EXCHANGE ACCESS LOOP	Bulk Migration, per 2 Wire Voice Loop-SL1	UEANL	UREPN	
LA	UNBUNDLED EXCHANGE ACCESS LOOP	Bulk Migration Order Coordination, per 2 Wire Voice Loop-SL1	UEANL	UREPM	
LA	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Unbundled Copper Loop - Non-Designed Zone 1	UEQ	UEQ2X	1
LA	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop - Non-Designed - Zone 2	UEQ	UEQ2X	2
LA	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop - Non-Designed - Zone 3	UEQ	UEQ2X	3
LA	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop -Unbundled Miscellaneous Rate Element, Tag Loop at End User Premise	UEQ	URETL	
LA	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop -Loop Testing - Basic 1st Half Hour	UEQ	URET1	
LA	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop -Loop Testing - Basic Additional Half Hour	UEQ	URETA	

Exhibit B

State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
LA	UNBUNDLED EXCHANGE ACCESS LOOP	Manual Order Coordination 2 Wire Unbundled Copper Loop - Non-Designed (per loop)	UEQ	USBMC	
LA	UNBUNDLED EXCHANGE ACCESS LOOP	Bulk Migration, per 2 Wire UCL-ND	UEQ	UREPN	
LA	UNBUNDLED EXCHANGE ACCESS LOOP	Bulk Migration Order Coordination, per 2 Wire UCL-ND	UEQ	UREPM	
LA	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Single LSR, (per DS0)	UEA	URES�	
LA	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Spreadsheet, (per DS0)	UEA	URESP	
LA	UNBUNDLED EXCHANGE ACCESS LOOP	Bulk Migration, per 2 Wire Voice Loop-SL2	UEA	UREPN	
LA	UNBUNDLED EXCHANGE ACCESS LOOP	Bulk Migration Order Coordination, per 2 Wire Voice Loop-SL2	UEA	UREPM	
LA	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Voice Grade Loop - Zone 1	UEA	UEAL4	1
LA	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Voice Grade Loop - Zone 2	UEA	UEAL4	2
LA	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Voice Grade Loop - Zone 3	UEA	UEAL4	3
LA	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Single LSR, (per DS0)	UEA	URES�	
LA	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Spreadsheet, (per DS0)	UEA	URESP	
LA	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Loop or Ground Start Signaling - Zone 1	NTCVG	UEAL2	1
LA	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Loop or Ground Start Signaling - Zone 2	NTCVG	UEAL2	2
LA	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Loop or Ground Start Signaling - Zone 3	NTCVG	UEAL2	3

Exhibit B

State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
LA	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Reverse Battery Signaling - Zone 1	NTCVG	UEAR2	1
LA	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Reverse Battery Signaling - Zone 2	NTCVG	UEAR2	2
LA	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Reverse Battery Signaling - Zone 3	NTCVG	UEAR2	3
LA	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Single LSR, (per DS0)	NTCVG	URES	
LA	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Spreadsheet, (per DS0)	NTCVG	URESP	
LA	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Loop Tagging - Service Level 2 (SL2)	NTCVG	URETL	
LA	UNE LOOP COMMINGLING	4-Wire Analog Voice Grade Loop - Zone 1	NTCVG	UEAL4	1
LA	UNE LOOP COMMINGLING	4-Wire Analog Voice Grade Loop - Zone 1 [DISCONNECT]	NTCVG	UEAL4	1
LA	UNE LOOP COMMINGLING	4-Wire Analog Voice Grade Loop - Zone 2	NTCVG	UEAL4	2
LA	UNE LOOP COMMINGLING	4-Wire Analog Voice Grade Loop - Zone 2 [DISCONNECT]	NTCVG	UEAL4	2
LA	UNE LOOP COMMINGLING	4-Wire Analog Voice Grade Loop - Zone 3	NTCVG	UEAL4	3
LA	UNE LOOP COMMINGLING	4-Wire Analog Voice Grade Loop - Zone 3 [DISCONNECT]	NTCVG	UEAL4	3
LA	UNE LOOP COMMINGLING	4-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Single LSR, (per DS0)	NTCVG	URES	
LA	UNE LOOP COMMINGLING	4-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Spreadsheet, (per DS0)	NTCVG	URESP	
LA	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS1 - per mile	U1TD1	1L5XX	
LA	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS1 - Facility Termination	U1TD1	U1TF1	
LA	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS3 - per mile	U1TD3	1L5XX	

Exhibit B

State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
LA	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS3 - Facility Termination	U1TD3	U1TF3	
LA	HIGH CAPACITY UNBUNDLED LOCAL LOOP	Stand Alone - DS3 Unbundled Local Loop - per mile	UE3	1L5ND	
LA	HIGH CAPACITY UNBUNDLED LOCAL LOOP	Stand Alone - DS3 Unbundled Local Loop - Facility Termination	UE3	UE3PX	
LA	ENHANCED EXTENDED LINK (EELs)	4-Wire Analog Voice Grade Loop in Combination - Zone 1	UNCVX	UEAL4	1
LA	ENHANCED EXTENDED LINK (EELs)	4-Wire Analog Voice Grade Loop in Combination - Zone 2	UNCVX	UEAL4	2
LA	ENHANCED EXTENDED LINK (EELs)	4-Wire Analog Voice Grade Loop in Combination - Zone 3	UNCVX	UEAL4	3
LA	ENHANCED EXTENDED LINK (EELs)	4-Wire DS1 Digital Loop in Combination - Zone 1	UNC1X	USLXX	1
LA	ENHANCED EXTENDED LINK (EELs)	4-Wire DS1 Digital Loop in Combination - Zone 2	UNC1X	USLXX	2
LA	ENHANCED EXTENDED LINK (EELs)	4-Wire DS1 Digital Loop in Combination - Zone 3	UNC1X	USLXX	3
LA	ENHANCED EXTENDED LINK (EELs)	DS3 Local Loop in combination - per mile	UNC3X	1L5ND	
LA	ENHANCED EXTENDED LINK (EELs)	DS3 Local Loop in combination - Facility Termination	UNC3X	UE3PX	
LA	ENHANCED EXTENDED LINK (EELs)	Interoffice Channel in combination - DS1 - per mile	UNC1X	1L5XX	
LA	ENHANCED EXTENDED LINK (EELs)	Interoffice Channel in combination - DS1 Facility Termination	UNC1X	U1TF1	
LA	ENHANCED EXTENDED LINK (EELs)	Interoffice Channel in combination - DS3 - per mile	UNC3X	1L5XX	
LA	ENHANCED EXTENDED LINK (EELs)	Interoffice Channel in combination - DS3 - Facility Termination	UNC3X	U1TF3	
LA	ADDITIONAL NETWORK ELEMENTS	Service Rearrangements - NRC - Order Coordination Specific Time - Dedicated Transport	UNC1X, UNC3X	OCOSR	

Exhibit B

State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
MI	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog - Rural (Zone C)	MUJ++, EE7JX, UOB++, UOR++	U2HC1	C
MI	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog - Suburban (Zone B)	MUJ++, EE7JX, UOB++, UOR++	U2HB1	B
MI	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog - Metro (Zone A)	MUJ++, EE7JX, UOB++, UOR++	U2HAA	A
MI	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog - Ground Start, Analog DID/Reverse Battery - Rural (Zone C)	MUJ++, EE7JX, UOB++, UOR++	U2WC1	C
MI	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog - Ground Start, Analog DID/Reverse Battery - Suburban (Zone B)	MUJ++, EE7JX, UOB++, UOR++	U2WB1	B
MI	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog - Ground Start, Analog DID/Reverse Battery - Metro (Zone A)	MUJ++, EE7JX, UOB++, UOR++	U2WAA	A
MI	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog - Ground Start, PBX - Rural (Zone C)	MUJ++, EE7JX, UOB++, UOR++	U2JC1	C
MI	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog - Ground Start, PBX - Suburban (Zone B)	MUJ++, EE7JX, UOB++, UOR++	U2JB1	B
MI	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog - Ground Start, PBX - Metro (Zone A)	MUJ++, EE7JX, UOB++, UOR++	U2JAA	A
MI	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog - COPTS Coin - Rural (Zone C)	MUJ++, EE7JX, UOB++, UOR++	U2CC1	C
MI	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog - COPTS Coin - Suburban (Zone B)	MUJ++, EE7JX, UOB++, UOR++	U2CB1	B
MI	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog - COPTS Coin - Metro (Zone A)	MUJ++, EE7JX, UOB++, UOR++	U2CAA	A
MI	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog - EKL - Rural (Zone C)	MUJ++, EE7JX, UOB++, UOR++	U2KC1	C
MI	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog - EKL - Suburban (Zone B)	MUJ++, EE7JX, UOB++, UOR++	U2KB1	B
MI	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog - EKL - Metro (Zone A)	MUJ++, EE7JX, UOB++, UOR++	U2KAA	A
MI	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog - Rural (Zone C)	MUJ++, EE7KX, UOB++, UOR++	U4HC1	C
MI	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog - Suburban (Zone B)	MUJ++, EE7KX, UOB++, UOR++	U4HB1	B

Exhibit B

State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
MI	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog - Metro (Zone A)	MUJ++, EE7KX, UOB++, UOR++	U4HAA	A
MI	UNBUNDLED EXCHANGE ACCESS LOOP	Cancellation or Change Service Charge-Analog Loop, per last critical date reached	MUJ++, EE7KX, UOB++, UOR++	NKCU1	
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	
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	
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	
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	
MI	UNBUNDLED EXCHANGE ACCESS LOOP	Due Date Change Charge, per Order, per Occasion Analog Loop	MUJ++, EE7KX, EE7JX, UOB++, UOR++	NR955	
MI	UNBUNDLED DEDICATED TRANSPORT	DS1 Interoffice Mileage Per Point of Termination Zone 1	UB5++, EE7MX, UK1++	CZ4X1	1
MI	UNBUNDLED DEDICATED TRANSPORT	DS1 Interoffice Mileage Per Point of Termination Zone 2	UB5++, EE7MX, UK1++	CZ4X2	2
MI	UNBUNDLED DEDICATED TRANSPORT	DS1 Interoffice Mileage Per Point of Termination Zone 3	UB5++, EE7MX, UK1++	CZ4X3	3
MI	UNBUNDLED DEDICATED TRANSPORT	DS1 Interoffice Mileage Per Point of Termination Interzone	UB5++, EE7MX, UK1++	CZ4XZ	I
MI	UNBUNDLED DEDICATED TRANSPORT	DS1 Interoffice Mileage Per Mile Zone 1	UB5++, EE7MX, UK1++	1YZX1	1
MI	UNBUNDLED DEDICATED TRANSPORT	DS1 Interoffice Mileage Per Mile Zone 2	UB5++, EE7MX, UK1++	1YZX2	2
MI	UNBUNDLED DEDICATED TRANSPORT	DS1 Interoffice Mileage Per Mile Zone 3	UB5++, EE7MX, UK1++	1YZX3	3
MI	UNBUNDLED DEDICATED TRANSPORT	DS1 Interoffice Mileage Per Mile Interzone	UB5++, EE7MX, UK1++	1YZXZ	I
MI	UNBUNDLED DEDICATED TRANSPORT	DS1 Clear Channel Capability - Per DS1 Circuit Arranged All Zones Connect	UB5++, EE7MX, UK1++	CLYX1	

Exhibit B

State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
MI	UNBUNDLED DEDICATED TRANSPORT	DS1 Clear Channel Capability - Per DS1 Circuit Arranged All Zones Connect	UB5++, EE7MX, UK1++	CLYX2	
MI	UNBUNDLED DEDICATED TRANSPORT	DS1 Clear Channel Capability - Per DS1 Circuit Arranged All Zones Connect	UB5++, EE7MX, UK1++	CLYX3	
MI	UNBUNDLED DEDICATED TRANSPORT	DS1 Clear Channel Capability - Per DS1 Circuit Arranged All Zones Disconnect			
MI	UNBUNDLED DEDICATED TRANSPORT	DS1 Interoffice NRC Connect Zone 1 per circuit	UB5++, EE7MX, UK1++	NKCU8	1
MI	UNBUNDLED DEDICATED TRANSPORT	DS1 Interoffice NRC (Connect + Disconnect) Connect Zone 2 per circuit	UB5++, EE7MX, UK1++	NKCU8	2
MI	UNBUNDLED DEDICATED TRANSPORT	DS1 Interoffice NRC Connect Zone 3 per circuit	UB5++, EE7MX, UK1++	NKCU8	3
MI	UNBUNDLED DEDICATED TRANSPORT	DS1 Interoffice NRC Disconnect Zone 1 per circuit	UB5++, EE7MX, UK1++	NKCU9	1
MI	UNBUNDLED DEDICATED TRANSPORT	DS1 Interoffice NRC Disconnect Zone 2 per circuit	UB5++, EE7MX, UK1++	NKCU9	2
MI	UNBUNDLED DEDICATED TRANSPORT	DS1 Interoffice NRC Disconnect Zone 3 per circuit	UB5++, EE7MX, UK1++	NKCU9	3
MI	UNBUNDLED DEDICATED TRANSPORT	DS1 Interoffice NRC UDT Installation and Rearrangement - Admin. Charge, Connect, Per Order	UB5++, EE7MX, UK1++	ORCMX	
MI	UNBUNDLED DEDICATED TRANSPORT	DS1 Interoffice NRC EELS Installation and Rearrangement - Admin. Charge, Disconnect, Per Order	UB5++, EE7MX, UK1++	NR9OT	
MI	UNBUNDLED DEDICATED TRANSPORT	DS3 Interoffice Mileage Termination - Per Point of Termination Zone 1	UB5++, EE7NX, UK3++	CZ4W1	1
MI	UNBUNDLED DEDICATED TRANSPORT	DS3 Interoffice Mileage Termination - Per Point of Termination Zone 2	UB5++, EE7NX, UK3++	CZ4W2	2
MI	UNBUNDLED DEDICATED TRANSPORT	DS3 Interoffice Mileage Termination - Per Point of Termination Zone 3	UB5++, EE7NX, UK3++	CZ4W3	3
MI	UNBUNDLED DEDICATED TRANSPORT	DS3 Interoffice Mileage Termination - Per Point of Termination Interzone	UB5++, EE7NX, UK3++	CZ4WZ	I
MI	UNBUNDLED DEDICATED TRANSPORT	DS3 Interoffice Mileage - Per Mile Zone 1	UB5++, EE7NX, UK3++	1YZB1	1

Exhibit B

State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
MI	UNBUNDLED DEDICATED TRANSPORT	DS3 Interoffice Mileage - Per Mile Zone 2	UB5++, EE7NX, UK3++	1YZB2	2
MI	UNBUNDLED DEDICATED TRANSPORT	DS3 Interoffice Mileage - Per Mile Zone 3	UB5++, EE7NX, UK3++	1YZB3	3
MI	UNBUNDLED DEDICATED TRANSPORT	DS3 Interoffice Mileage - Per Mile Interzone	UB5++, EE7NX, UK3++	1YZBZ	I
MI	UNBUNDLED DEDICATED TRANSPORT	DS3 Interoffice NRC (Connect + Disconnect) Connect Zone 1 per circuit	UB5++, EE7NX, UK3++	NKCUE	1
MI	UNBUNDLED DEDICATED TRANSPORT	DS3 Interoffice NRC (Connect + Disconnect) Connect Zone 2 per circuit	UB5++, EE7NX, UK3++	NKCUE	2
MI	UNBUNDLED DEDICATED TRANSPORT	DS3 Interoffice NRC (Connect + Disconnect) Connect Zone 3 per circuit	UB5++, EE7NX, UK3++	NKCUE	3
MI	UNBUNDLED DEDICATED TRANSPORT	DS3 Interoffice NRC Disconnect Zone 1 per circuit	UB5++, EE7NX, UK3++	NKCUF	1
MI	UNBUNDLED DEDICATED TRANSPORT	DS3 Interoffice NRC Disconnect Zone 2 per circuit	UB5++, EE7NX, UK3++	NKCUF	2
MI	UNBUNDLED DEDICATED TRANSPORT	DS3 Interoffice NRC Disconnect Zone 3 per circuit	UB5++, EE7NX, UK3++	NKCUF	3
MI	UNBUNDLED DEDICATED TRANSPORT	DS3 Installation and Rearrangement - Admin. Charge, Connect, Per Order	UB5++, EE7NX, UK3++	ORCMX	
MI	UNBUNDLED DEDICATED TRANSPORT	DS3 Interoffice NRC DS3 Installation and Rearrangement - Admin. Charge, Disconnect, Per Multiplexing DS1 to Voice Grade All Zones, Per Arrangement	UB5++, EE7NX, UK3++	NRBCL	
MI	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS1 to Voice Grade All Zones, Per Arrangement	UB5++, UK1++	QMVX1	
MI	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS1 to Voice Grade All Zones, Per Arrangement	UB5++, UK1++	QMVX2	
MI	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS1 to Voice Grade All Zones, Per Arrangement	UB5++, UK1++	QMVX3	
MI	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS3 to DS1 All Zones, Per Arrangement	UB5++, UK3++	QM3X1	
MI	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS3 to DS1 All Zones, Per Arrangement	UB5++, UK3++	QM3X2	

Exhibit B

State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
MI	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS3 to DS1 All Zones, Per Arrangement	UB5++, UK3++	QM3X3	
MI	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Cross Connects DS1	UB5++, EE7MX, UK1++	CXCDX	
MI	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Cross Connects DS3	UB5++, EE7NX, UK3++	CXCEX	

Exhibit B

State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
MO	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Loop - Zone 1 (Urban STL, KC)		U21	1
MO	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Loop - Zone 2 (Suburban)		U21	2
MO	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Loop - Zone 3 (Rural)		U21	3
MO	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Loop - Zone 4 (Urban Springfield)		U21	4
MO	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Loop - Zone 1 (Urban STL, KC)		U4H	1
MO	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Loop - Zone 2 (Suburban)		U4H	2
MO	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Loop - Zone 3 (Rural)		U4H	3
MO	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Loop - Zone 4 (Urban Springfield)		U4H	4
MO	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Loop Cross Connect to Collocation	LU1	UCXC2	
MO	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Loop Cross Connect to Collocation (without testing)	LU1	UCXD2	
MO	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Loop Cross Connect to Collocation	LU1	UCXC4	
MO	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Loop Cross Connect to Collocation (without testing)	LU1	UCXD4	
MO	UNBUNDLED DEDICATED TRANSPORT	2-Wire Analog Loop Cross Connect to POA - Method 1		UXRA1	1
MO	UNBUNDLED DEDICATED TRANSPORT	2-Wire Analog Loop Cross Connect to POA - Method 2		UXRA2	2
MO	UNBUNDLED DEDICATED TRANSPORT	2-Wire Analog Loop Cross Connect to POA - Method 3		UXRA3	3
MO	UNBUNDLED DEDICATED TRANSPORT	4-Wire Analog Loop Cross Connect to POA - Method 1		UXRB1	1
MO	UNBUNDLED DEDICATED TRANSPORT	4-Wire Analog Loop Cross Connect to POA - Method 2		UXRB2	2

Exhibit B

State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
MO	UNBUNDLED DEDICATED TRANSPORT	4-Wire Analog Loop Cross Connect to POA - Method 3		UXRB3	3
MO	UNBUNDLED DEDICATED TRANSPORT	2-Wire Digital Loop Cross Connect to POA - Method 1		UXRC1	1
MO	UNBUNDLED DEDICATED TRANSPORT	2-Wire Digital Loop Cross Connect to POA - Method 2		UXRC2	2
MO	UNBUNDLED DEDICATED TRANSPORT	2-Wire Digital Loop Cross Connect to POA - Method 3		UXRC3	3
MO	UNBUNDLED DEDICATED TRANSPORT	4-Wire Digital Loop Cross Connect to POA - Method 1		UXRD1	1
MO	UNBUNDLED DEDICATED TRANSPORT	4-Wire Digital Loop Cross Connect to POA - Method 2		UXRD2	2
MO	UNBUNDLED DEDICATED TRANSPORT	4-Wire Digital Loop Cross Connect to POA - Method 3		UXRD3	3
MO	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Cross Connect to POA: DS1 - Method 1		UXRQ1	1
MO	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Cross Connect to POA: DS1 - Method 2		UXRQ2	2
MO	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Cross Connect to POA: DS1 - Method 3		UXRQ3	3
MO	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Cross Connect to POA: DS3 - Method 1			1
MO	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Cross Connect to POA: DS3 - Method 2			2
MO	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Cross Connect to POA: DS3 - Method 3			3
MO	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, First Mile - Zone 1 (Urban STL, KC)		ULNHS	1
MO	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, First Mile - Zone 2 (Suburban)		ULNHS	2
MO	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, First Mile - Zone 3 (Rural)		ULNHS	3
MO	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, First Mile - Zone 4 (Urban Springfield)		ULNHS	4

Exhibit B

State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
MO	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, First Mile - Interzone		ULNHS	I
MO	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile - Zone 1 (Urban STL, KC)		ULNHS	1
MO	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile - Zone 2 (Suburban)		ULNHS	2
MO	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile - Zone 3 (Rural)		ULNHS	3
MO	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile - Zone 4 (Urban Springfield)		ULNHS	4
MO	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile - Interzone		ULNHS	I
MO	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, First Mile - Zone 1 (Urban STL, KC)		ULNJS	1
MO	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, First Mile - Zone 2 (Suburban)		ULNJS	2
MO	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, First Mile - Zone 3 (Rural)		ULNJS	3
MO	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, First Mile - Zone 4 (Urban Springfield)		ULNJS	4
MO	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, First Mile - Interzone		ULNJS	I
MO	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile - Zone 1 (Urban STL, KC)		ULNJS	1
MO	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile - Zone 2 (Suburban)		ULNJS	2
MO	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile - Zone 3 (Rural)		ULNJS	3
MO	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile - Zone 4 (Urban Springfield)		ULNJS	4
MO	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile - Interzone		ULNJS	I
MO	UNBUNDLED DEDICATED TRANSPORT	DT Cross Connect - DS1 to Collocation	UBNTX	DXZTA	

Exhibit B

State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
MO	UNBUNDLED DEDICATED TRANSPORT	DT Cross Connect - DS1 to Collocation - Disconnect	UBNTX	NKCTE	
MO	UNBUNDLED DEDICATED TRANSPORT	DT Cross Connect - DS3 to Collocation		UCXJX	
MO	UNBUNDLED DEDICATED TRANSPORT	DS1 to VG - Multiplexing		UM4BX	
MO	UNBUNDLED DEDICATED TRANSPORT	DS3 to DS1 - Multiplexing		UM4AX	

Exhibit B

State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
NC	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1- Zone 1	UEANL	UEAL2	1
NC	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1- Zone 2	UEANL	UEAL2	2
NC	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1- Zone 3	UEANL	UEAL2	3
NC	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1- Zone 1	UEANL	UEASL	1
NC	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1- Zone 2	UEANL	UEASL	2
NC	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1- Zone 3	UEANL	UEASL	3
NC	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Manual Order Coordination for UVL-SL1s (per loop)	UEANL	UEAMC	
NC	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Order Coordination for Specified Conversion Time for UVL-SL1 (per LSR)	UEANL	OCOSL	
NC	UNBUNDLED EXCHANGE ACCESS LOOP	Bulk Migration, per 2 Wire Voice Loop-SL1	UEANL	UREPN	
NC	UNBUNDLED EXCHANGE ACCESS LOOP	Bulk Migration Order Coordination, per 2 Wire Voice Loop-SL1	UEANL	UREPM	
NC	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Unbundled Copper Loop - Non-Designed Zone 1	UEQ	UEQ2X	1
NC	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop - Non-Designed - Zone 2	UEQ	UEQ2X	2
NC	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop - Non-Designed - Zone 3	UEQ	UEQ2X	3
NC	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop - Tag Loop at End User Premise	UEQ	URETL	
NC	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop - Loop Testing - Basic 1st Half Hour	UEQ	URET1	
NC	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop - Loop Testing - Basic Additional Half Hour	UEQ	URETA	
NC	UNBUNDLED EXCHANGE ACCESS LOOP	Manual Order Coordination 2 Wire Unbundled Copper Loop - Non-Designed (per loop)	UEQ	USBMC	

Exhibit B

State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
NC	UNBUNDLED EXCHANGE ACCESS LOOP	Bulk Migration, per 2 Wire UCL-ND	UEQ	UREPN	
NC	UNBUNDLED EXCHANGE ACCESS LOOP	Bulk Migration Order Coordination, per 2 Wire UCL-ND	UEQ	UREPM	
NC	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Single LSR, (per DS0)	UEA	URES	
NC	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Spreadsheet, (per DS0)	UEA	URESP	
NC	UNBUNDLED EXCHANGE ACCESS LOOP	Bulk Migration, per 2 Wire Voice Loop-SL2	UEA	UREPN	
NC	UNBUNDLED EXCHANGE ACCESS LOOP	Bulk Migration Order Coordination, per 2 Wire Voice Loop-SL2	UEA	UREPM	
NC	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Voice Grade Loop - Zone 1	UEA	UEAL4	1
NC	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Voice Grade Loop - Zone 2	UEA	UEAL4	2
NC	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Voice Grade Loop - Zone 3	UEA	UEAL4	3
NC	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Single LSR, (per DS0)	UEA	URES	
NC	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Spreadsheet, (per DS0)	UEA	URESP	
NC	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Loop or Ground Start Signaling - Zone 1	NTCVG	UEAL2	1
NC	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Loop or Ground Start Signaling - Zone 2	NTCVG	UEAL2	2
NC	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Loop or Ground Start Signaling - Zone 3	NTCVG	UEAL2	3
NC	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Reverse Battery Signaling - Zone 1	NTCVG	UEAR2	1

Exhibit B

State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
NC	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Reverse Battery Signaling - Zone 2	NTCVG	UEAR2	2
NC	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Reverse Battery Signaling - Zone 3	NTCVG	UEAR2	3
NC	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Single LSR, (per DS0)	NTCVG	URESL	
NC	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Spreadsheet, (per DS0)	NTCVG	URESP	
NC	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Loop Tagging - Service Level 2 (SL2)	NTCVG	URETL	
NC	UNE LOOP COMMINGLING	4-Wire Analog Voice Grade Loop - Zone 1	NTCVG	UEAL4	1
NC	UNE LOOP COMMINGLING	4-Wire Analog Voice Grade Loop - Zone 2	NTCVG	UEAL4	2
NC	UNE LOOP COMMINGLING	4-Wire Analog Voice Grade Loop - Zone 3	NTCVG	UEAL4	3
NC	UNE LOOP COMMINGLING	4-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Single LSR, (per DS0)	NTCVG	URESL	
NC	UNE LOOP COMMINGLING	4-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Spreadsheet, (per DS0)	NTCVG	URESP	
NC	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS1 - per mile	U1TD1	1L5XX	
NC	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS3 - per mile	U1TD3	1L5XX	
NC	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS3 - Facility Termination	U1TD3	U1TF3	
NC	HIGH CAPACITY UNBUNDLED LOCAL LOOP	Stand Alone - DS3 Unbundled Local Loop - per mile	UE3	1L5ND	
NC	HIGH CAPACITY UNBUNDLED LOCAL LOOP	Stand Alone - DS3 Unbundled Local Loop - Facility Termination	UE3	UE3PX	
NC	ENHANCED EXTENDED LINK (EELs)	4-Wire Analog Voice Grade Loop in Combination - Zone 1	UNCVX	UEAL4	1

Exhibit B

State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
NC	ENHANCED EXTENDED LINK (EELs)	4-Wire Analog Voice Grade Loop in Combination - Zone 2	UNCVX	UEAL4	2
NC	ENHANCED EXTENDED LINK (EELs)	4-Wire Analog Voice Grade Loop in Combination - Zone 3	UNCVX	UEAL4	3
NC	ENHANCED EXTENDED LINK (EELs)	4-Wire DS1 Digital Loop in Combination - Zone 1	UNC1X	USLXX	1
NC	ENHANCED EXTENDED LINK (EELs)	4-Wire DS1 Digital Loop in Combination - Zone 2	UNC1X	USLXX	2
NC	ENHANCED EXTENDED LINK (EELs)	4-Wire DS1 Digital Loop in Combination - Zone 3	UNC1X	USLXX	3
NC	ENHANCED EXTENDED LINK (EELs)	DS3 Local Loop in combination - per mile	UNC3X	1L5ND	
NC	ENHANCED EXTENDED LINK (EELs)	DS3 Local Loop in combination - Facility Termination	UNC3X	UE3PX	
NC	ENHANCED EXTENDED LINK (EELs)	Interoffice Channel in combination - DS1 - per mile	UNC1X	1L5XX	
NC	ENHANCED EXTENDED LINK (EELs)	Interoffice Channel in combination - DS1 Facility Termination	UNC1X	U1TF1	
NC	ENHANCED EXTENDED LINK (EELs)	Interoffice Channel in combination - DS3 - per mile	UNC3X	1L5XX	
NC	ENHANCED EXTENDED LINK (EELs)	Interoffice Channel in combination - DS3 - Facility Termination	UNC3X	U1TF3	
NC	ADDITIONAL NETWORK ELEMENTS	NRC - Order Coordination Specific Time - Dedicated Transport	UNC1X, UNC3X	OCOSR	

Exhibit B

State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
NV	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog - Zone 1	EE7I+, EE7U+, BCL++, RCL++,L3X++, L4X++, L5X++, L6X++, L7X++, L8X++, L9X++, LAX++, LBX++, LCX++, LWX++, L2X++, L32++, L33++, L36++, LPX++, LTX++	LKB	1
NV	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog - Zone 2	EE7I+, EE7U+, BCL++, RCL++,L3X++, L4X++, L5X++, L6X++, L7X++, L8X++, L9X++, LAX++, LBX++, LCX++, LWX++, L2X++, L32++, L33++, L36++, LPX++, LTX++	LKB	2
NV	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog - Zone 3	EE7I+, EE7U+, BCL++, RCL++,L3X++, L4X++, L5X++, L6X++, L7X++, L8X++, L9X++, LAX++, LBX++, LCX++, LWX++, L2X++, L32++, L33++, L36++, LPX++, LTX++	LKB	3
NV	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog - Zone 1	EE7I+, EE7U+, BCL++, RCL++,L3X++, L4X++, L5X++, L6X++, L7X++, L8X++, L9X++, LAX++, LBX++, LCX++, LWX++, L2X++, L32++, L33++, L36++, LPX++, LTX++	LKBAA	1
NV	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog - Zone 2	EE7I+, EE7U+, BCL++, RCL++,L3X++, L4X++, L5X++, L6X++, L7X++, L8X++, L9X++, LAX++, LBX++, LCX++, LWX++, L2X++, L32++, L33++, L36++, LPX++, LTX++	LKBAA	2

Exhibit B

State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
NV	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog - Zone 3	EE7I+, EE7U+, BCL++, RCL++, L3X++, L4X++, L5X++, L6X++, L7X++, L8X++, L9X++, LAX++, LBX++, LCX++, LWX++, L2X++, L32++, L33++, L36++, LPX++, LTX++	LKBAA	3
NV	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog - Zone 1	EE7I+, EE7U+, BCL++, RCL++, L3X++, L4X++, L5X++, L6X++, L7X++, L8X++, L9X++, LAX++, LBX++, LCX++, LWX++, L2X++, L32++, L33++, L36++, LPX++, LTX++	AELKB	1
NV	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog - Zone 2	EE7I+, EE7U+, BCL++, RCL++, L3X++, L4X++, L5X++, L6X++, L7X++, L8X++, L9X++, LAX++, LBX++, LCX++, LWX++, L2X++, L32++, L33++, L36++, LPX++, LTX++	AELKB	2
NV	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog - Zone 3	EE7I+, EE7U+, BCL++, RCL++, L3X++, L4X++, L5X++, L6X++, L7X++, L8X++, L9X++, LAX++, LBX++, LCX++, LWX++, L2X++, L32++, L33++, L36++, LPX++, LTX++	AELKB	3
NV	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog - Zone 1	EE7I+, EE7U+, BCL++, RCL++, L3X++, L4X++, L5X++, L6X++, L7X++, L8X++, L9X++, LAX++, LBX++, LCX++, LWX++, L2X++, L32++, L33++, L36++, LPX++, LTX++	AELKA	1

Exhibit B

State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
NV	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog - Zone 2	EE71+, EE7U+, BCL++, RCL++,L3X++, L4X++, L5X++, L6X++, L7X++, L8X++, L9X++, LAX++, LBX++, LCX++, LWX++, L2X++, L32++, L33++, L36++, LPX++, LTX++	AELKA	2
NV	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog - Zone 3	EE71+, EE7U+, BCL++, RCL++,L3X++, L4X++, L5X++, L6X++, L7X++, L8X++, L9X++, LAX++, LBX++, LCX++, LWX++, L2X++, L32++, L33++, L36++, LPX++, LTX++	AELKA	3
NV	UNBUNDLED EXCHANGE ACCESS LOOP	5db Conditioning - 2-Wire Analog - Zone 1			1
NV	UNBUNDLED EXCHANGE ACCESS LOOP	5db Conditioning - 2-Wire Analog - Zone 2			2
NV	UNBUNDLED EXCHANGE ACCESS LOOP	5db Conditioning - 2-Wire Analog - Zone 3			3
NV	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog - Zone 1	EE71+, EE72+, EE73+, EE75+, EE76+, EE77+, EE78+, EE79+, EE7X+, EE7Y+, EE7Z+, EE74+,	LK4WA	1
NV	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog - Zone 2	EE71+, EE72+, EE73+, EE75+, EE76+, EE77+, EE78+, EE79+, EE7X+, EE7Y+, EE7Z+, EE74+,	LK4WA	2
NV	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog - Zone 3	EE71+, EE72+, EE73+, EE75+, EE76+, EE77+, EE78+, EE79+, EE7X+, EE7Y+, EE7Z+, EE74+	LK4WA	3
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	

Exhibit B

State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
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	
NV	UNBUNDLED EXCHANGE ACCESS LOOP	Cross Connects to Collocation Cage - Analog 4-wire		C2CB4	
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
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
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
NV	UNBUNDLED DEDICATED TRANSPORT	Cross Connects to Point of Access (POA) - Analog Loop to POA - 4-Wire - Method 1		UXRB1	1
NV	UNBUNDLED DEDICATED TRANSPORT	Cross Connects to Point of Access (POA) - Analog Loop to POA - 4-Wire - Method 2		UXRB2	2
NV	UNBUNDLED DEDICATED TRANSPORT	Cross Connects to Point of Access (POA) - Analog Loop to POA - 4-Wire - Method 3		UXRB5	3
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
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
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

Exhibit B

State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
NV	UNBUNDLED DEDICATED TRANSPORT	Cross Connects to Point of Access (POA) - Digital Loop to POA - 4-Wire - Method 1	BDL++	UXRB1	1
NV	UNBUNDLED DEDICATED TRANSPORT	Cross Connects to Point of Access (POA) - Digital Loop to POA - 4-Wire - Method 2	BDL++	UXRB2	2
NV	UNBUNDLED DEDICATED TRANSPORT	Cross Connects to Point of Access (POA) - Digital Loop to POA - 4-Wire - Method 3	BDL++	UXRB5	3
NV	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport - DS1 Interoffice Transport - Statewide - Fixed (per termination)	CT1++, EE7M+	1L5UB	
NV	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport - DS1 Interoffice Transport - Statewide - Variable (per mile)	CT3++, EE7P+, EE7Q+	1L5UB	
NV	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport - DS3 Interoffice Transport - Statewide - Fixed (per termination)	CT1++, EE7M+	1L5UB	
NV	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport - DS3 Interoffice Transport - Statewide - Variable (per mile)	CT3++, EE7P+, EE7Q+	1L5UB	
NV	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Cross Connect - DS1 to Collocation			
NV	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Cross Connect - DS3 to Collocation			
NV	UNBUNDLED DEDICATED TRANSPORT	Multiplexing - DS1 / Voice Grade	CT1++, EE7M+	MQ1UB	
NV	UNBUNDLED DEDICATED TRANSPORT	Multiplexing - DS3 / DS1	CT3++, EE7P+, EE7Q+	MQ3UB	

Exhibit B

State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
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	
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	

Exhibit B

State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
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	
NV	UNBUNDLED DEDICATED TRANSPORT	Analog/Digital 4-Wire - Initial (CESAR/LEX - Simple)	LK4WA, BDL++	CDS1S	
NV	UNBUNDLED DEDICATED TRANSPORT	Analog/Digital 4-Wire - Initial (CESAR/LEX - Simple)	LK4WA, BDL++	HOX82	
NV	UNBUNDLED DEDICATED TRANSPORT	Analog/Digital 4-Wire - Initial (Mechanized)	LK4WA, BDL++	MOX82	
NV	UNBUNDLED DEDICATED TRANSPORT	DS3 to Collocation - Initial (CESAR/LEX - Simple)	ULUC+	CDS3S	
NV	UNBUNDLED DEDICATED TRANSPORT	DS3 to Collocation - Initial (CESAR/LEX - Simple)	ULUC+	HOX82	
NV	UNBUNDLED DEDICATED TRANSPORT	DS3 to Collocation - Initial (Mechanized)	ULUC+	MOX82	

Exhibit B

State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
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	
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 B

State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
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	
NV	UNBUNDLED DEDICATED TRANSPORT	Cross Connects to Collocation Cage - Disconnect - Analog/Digital 4-Wire - Initial (CESAR/LEX - Simple)	LK4WA, BDL++	CDS1D	
NV	UNBUNDLED DEDICATED TRANSPORT	Cross Connects to Collocation Cage - Disconnect - Analog/Digital 4-Wire - Initial (CESAR/LEX - Simple)	LK4WA, BDL++	HOX96	
NV	UNBUNDLED DEDICATED TRANSPORT	Cross Connects to Collocation Cage - Disconnect - Analog/Digital 4-Wire - Initial (Mechanized)	LK4WA, BDL++	MOX96	
NV	UNBUNDLED DEDICATED TRANSPORT	Cross Connects to Collocation Cage - Disconnect - DS3 to Collocation - Initial (CESAR/LEX - Simple)	ULUC+	CDS3D	
NV	UNBUNDLED DEDICATED TRANSPORT	Cross Connects to Collocation Cage - Disconnect - DS3 to Collocation - Initial (CESAR/LEX - Simple)	ULUC+	HOX96	
NV	UNBUNDLED DEDICATED TRANSPORT	Cross Connects to Collocation Cage - Disconnect - DS3 to Collocation - Initial (Mechanized)	ULUC+	MOX96	
NV	UNBUNDLED DEDICATED TRANSPORT	Cross Connects to Collocation Cage - Change - Analog/Digital 2-Wire - Initial (CESAR/LEX - Simple)			
NV	UNBUNDLED DEDICATED TRANSPORT	Cross Connects to Collocation Cage - Change - Analog/Digital 2-Wire - Initial (Mechanized)			
NV	UNBUNDLED DEDICATED TRANSPORT	Cross Connects to Collocation Cage - Change - Analog/Digital 4-Wire - Initial (CESAR/LEX - Simple)			
NV	UNBUNDLED DEDICATED TRANSPORT	Cross Connects to Collocation Cage - Change - Analog/Digital 4-Wire - Initial (Mechanized)			
NV	UNBUNDLED DEDICATED TRANSPORT	Cross Connects to Collocation Cage - Change - DS3 to Collocation - Initial (CESAR/LEX - Simple)			

Exhibit B

State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
NV	UNBUNDLED DEDICATED TRANSPORT	Cross Connects to Collocation Cage - Change - DS3 to Collocation - Initial (Mechanized)			
NV	UNBUNDLED DEDICATED TRANSPORT	Cross Connects to Collocation Cage - Record - Analog/Digital 2-Wire - Initial (CESAR/LEX - Simple)			
NV	UNBUNDLED DEDICATED TRANSPORT	Cross Connects to Collocation Cage - Record - Analog/Digital 2-Wire - Initial (Mechanized)			
NV	UNBUNDLED DEDICATED TRANSPORT	Cross Connects to Collocation Cage - Record - Analog/Digital 4-Wire - Initial (CESAR/LEX - Simple)			
NV	UNBUNDLED DEDICATED TRANSPORT	Cross Connects to Collocation Cage - Record - Analog/Digital 4-Wire - Initial (Mechanized)			
NV	UNBUNDLED DEDICATED TRANSPORT	Cross Connects to Collocation Cage - Record - DS3 to Collocation - Initial (CESAR/LEX - Simple)			
NV	UNBUNDLED DEDICATED TRANSPORT	Cross Connects to Collocation Cage - Record - D366DS3 to Collocation - Initial (Mechanized)			
NV	UNBUNDLED DEDICATED TRANSPORT	Multiplexing - Connect - DS1/DS0 (CESAR/LEX - Simple)	CT1++, EE7M+	MQ1UC	
NV	UNBUNDLED DEDICATED TRANSPORT	Multiplexing - Connect - DS1/DS0 (CESAR/LEX - Simple)	CT1++, EE7M+	HOX91	
NV	UNBUNDLED DEDICATED TRANSPORT	Multiplexing - Connect - DS1/DS0 (Mechanized)	CT1++, EE7M+		
NV	UNBUNDLED DEDICATED TRANSPORT	Multiplexing - Connect - DS3/DS1 (CESAR/LEX - Simple)	CT3++, EE7P+, EE7Q+	MQ3UC	
NV	UNBUNDLED DEDICATED TRANSPORT	Multiplexing - Connect - DS3/DS1 (CESAR/LEX - Simple)	CT3++, EE7P+, EE7Q+	HOX91	
NV	UNBUNDLED DEDICATED TRANSPORT	Multiplexing - Connect - DS3/DS1 (Mechanized)	CT3++, EE7P+, EE7Q+		
NV	UNBUNDLED DEDICATED TRANSPORT	Multiplexing - Disconnect - DS1/DS0 (CESAR/LEX - Simple)	CT1++, EE7M+	MQ1UD	
NV	UNBUNDLED DEDICATED TRANSPORT	Multiplexing - Disconnect - DS1/DS0 (CESAR/LEX - Simple)	CT1++, EE7M+	HOX99	
NV	UNBUNDLED DEDICATED TRANSPORT	Multiplexing - Disconnect - DS1/DS0 (Mechanized)	CT1++, EE7M+		
NV	UNBUNDLED DEDICATED TRANSPORT	Multiplexing - Disconnect - DS3/DS1 (CESAR/LEX - Simple)	CT3++, EE7P+, EE7Q+	MQ3UD	

Exhibit B

State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
NV	UNBUNDLED DEDICATED TRANSPORT	Multiplexing - Disconnect - DS3/DS1 (CESAR/LEX - Simple)	CT3++, EE7P+, EE7Q+	HOX99	
NV	UNBUNDLED DEDICATED TRANSPORT	Multiplexing - Disconnect - DS3/DS1 (Mechanized)	CT3++, EE7P+, EE7Q+		
NV	UNBUNDLED DEDICATED TRANSPORT	Multiplexing - Change - DS1/DS0 (CESAR/LEX - Simple)	CT1++, EE7M+		
NV	UNBUNDLED DEDICATED TRANSPORT	Multiplexing - Change - DS1/DS0 (Mechanized)	CT1++, EE7M+		
NV	UNBUNDLED DEDICATED TRANSPORT	Multiplexing - Change - DS3/DS1 (CESAR/LEX - Simple)	CT3++, EE7P+, EE7Q+		
NV	UNBUNDLED DEDICATED TRANSPORT	Multiplexing - Change - DS3/DS1 (Mechanized)	CT3++, EE7P+, EE7Q+		
NV	UNBUNDLED DEDICATED TRANSPORT	Multiplexing - Record - DS1/DS0 (CESAR/LEX - Simple)	CT1++, EE7M+		
NV	UNBUNDLED DEDICATED TRANSPORT	Multiplexing - Record - DS1/DS0 (Mechanized)	CT1++, EE7M+		
NV	UNBUNDLED DEDICATED TRANSPORT	Multiplexing - Record - DS3/DS1 (CESAR/LEX - Simple)	CT3++, EE7P+, EE7Q+		
NV	UNBUNDLED DEDICATED TRANSPORT	Multiplexing - Record - DS3/DS1 (Mechanized)	CT3++, EE7P+, EE7Q+		

Exhibit B

State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
OH	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog - Metro (Access Area B)	MUJ++, UOB++, UOR++, EE7JX	U2HXB	B
OH	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog - Suburban (Access Area C)	MUJ++, UOB++, UOR++, EE7JX	U2HXC	C
OH	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog - Rural (Access Area D)	MUJ++, UOB++, UOR++, EE7JX	U2HXD	D
OH	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Ground Start, Analog - Metro (Access Area B)	MUJ++, UOB++, UOR++, EE7JX	U2JXB	B
OH	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Ground Start, Analog - Suburban (Access Area C)	MUJ++, UOB++, UOR++, EE7JX	U2JXC	C
OH	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Ground Start, Analog - Rural (Access Area D)	MUJ++, UOB++, UOR++, EE7JX	U2JXD	D
OH	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Ground Start, DID Business - Metro (Access Area B)	MUJ++, UOB++, UOR++, EE7JX	U2WXB	B
OH	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Ground Start, DID Business - Suburban (Access Area C)	MUJ++, UOB++, UOR++, EE7JX	U2WXC	C
OH	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Ground Start, DID Business - Rural (Access Area D)	MUJ++, UOB++, UOR++, EE7JX	U2WXD	D
OH	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire COPTS Coin - Metro (Access Area B)	MUJ++, UOB++, UOR++, EE7JX	U2CXB	B
OH	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire COPTS Coin - Suburban (Access Area C)	MUJ++, UOB++, UOR++, EE7JX	U2CXC	C
OH	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire COPTS Coin - Rural (Access Area D)	MUJ++, UOB++, UOR++, EE7JX	U2CXD	D
OH	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire EKL - Metro (Access Area B)	MUJ++, UOB++, UOR++, EE7JX	U2KXB	B
OH	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire EKL - Suburban (Access Area C)	MUJ++, UOB++, UOR++, EE7JX	U2KXC	C
OH	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire EKL - Rural (Access Area D)	MUJ++, UOB++, UOR++, EE7JX	U2KXD	D
OH	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog - Metro (Access Area B)	MUJ++, UOB++, UOR++, EE7KX	U4HXB	B
OH	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog - Suburban (Access AreaC)	MUJ++, UOB++, UOR++, EE7KX	U4HXC	C

Exhibit B

State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
OH	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog - Rural (Access Area D)	MUJ++, UOB++, UOR++, EE7LX	U4HXD	D
OH	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Interoffice Transport: 'DS1 Interoffice Mileage Termination - Per Point of Termination - All Zones	UB5++, EE7MX, UK1++	CZ4X1	
OH	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Interoffice Transport: 'DS1 Interoffice Mileage Termination - Per Point of Termination - All Zones	UB5++, EE7MX, UK1++	CZ4X2	
OH	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Interoffice Transport: 'DS1 Interoffice Mileage Termination - Per Point of Termination - All Zones	UB5++, EE7MX, UK1++	CZ4X3	
OH	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Interoffice Transport: 'DS1 Interoffice Mileage - Per Mile - All Zones	UB5++, EE7MX, UK1++	1YZX1	
OH	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Interoffice Transport: 'DS1 Interoffice Mileage - Per Mile - All Zones	UB5++, EE7MX, UK1++	1YZX2	
OH	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Interoffice Transport: 'DS1 Interoffice Mileage - Per Mile - All Zones	UB5++, EE7MX, UK1++	1YZX3	
OH	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Interoffice Transport: 'DS3 Interoffice Mileage Termination - Per Point of Termination - All Zones	UB5++, EE7NX, UK3++	CZ4W1	
OH	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Interoffice Transport: 'DS3 Interoffice Mileage Termination - Per Point of Termination - All Zones	UB5++, EE7NX, UK3++	CZ4W2	
OH	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Interoffice Transport: 'DS3 Interoffice Mileage Termination - Per Point of Termination - All Zones	UB5++, EE7NX, UK3++	CZ4W3	
OH	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Interoffice Transport: 'DS3 Interoffice Mileage - Per Mile - All Zones	UB5++, EE7NX, UK3++	1YZB1	
OH	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Interoffice Transport: 'DS3 Interoffice Mileage - Per Mile - All Zones	UB5++, EE7NX, UK3++	1YZB2	
OH	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Interoffice Transport: 'DS3 Interoffice Mileage - Per Mile - All Zones	UB5++, EE7NX, UK3++	1YZB3	
OH	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS1 to Voice Grade	UB5++, UK1++	QMVX1	

Exhibit B

State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
OH	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS1 to Voice Grade	UB5++, UK1++	QMVX2	
OH	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS1 to Voice Grade	UB5++, UK1++	QMVX3	
OH	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Cross Connects DS1	UB5++, EE7MX, UK1++	CXCDX	
OH	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Cross Connects DS3	UB5++, EE7NX, UK3++	CXCEX	
OH	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS3 to DS1	UB5++, UK3++	QM3X1	
OH	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS3 to DS1	UB5++, UK3++	QM3X2	
OH	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS3 to DS1	UB5++, UK3++	QM3X3	
OH	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Optional Features & Functions DS1 Clear Channel Capability - Per 1.544 Mbps Circuit	UB5++, EE7MX, UK1++	CLYX1	
OH	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Optional Features & Functions DS1 Clear Channel Capability - Per 1.544 Mbps Circuit	UB5++, EE7MX, UK1++	CLYX2	
OH	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Optional Features & Functions DS1 Clear Channel Capability - Per 1.544 Mbps Circuit	UB5++, EE7MX, UK1++	CLYX3	
OH	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Installation & Rearrangement Charges DS1 Administration Charge - Per Order	UB5++, EE7MX, UK1++	ORCMX	
OH	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Installation & Rearrangement Charges DS1 Design & Central Office Connection	UB5++, EE7MX, UK1++	NRBCL	
OH	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Installation & Rearrangement Charges DS1 Carrier Connection Charge - Per Order	UB5++, EE7MX, UK1++	NRBBL	
OH	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Installation & Rearrangement Charges DS3 Administration Charge - Per Order	UB5++, EE7NX, UK3++	ORCMX	
OH	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Installation & Rearrangement Charges DS3 Design & Central Office Connection	UB5++, EE7NX, UK3++	NRBCL	
OH	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Installation & Rearrangement Charges DS3 Carrier Connection Charge - Per Order	UB5++, EE7NX, UK3++	NRBBL	

Exhibit B

State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
OK	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Loop - Zone 1 (Rural)		U21	1
OK	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Loop - Zone 2 (Suburban)		U21	2
OK	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Loop - Zone 3 (Urban)		U21	3
OK	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Loop - Zone 1(Rural)		U4H	1
OK	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Loop - Zone 2 (Suburban)		U4H	2
OK	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Loop - Zone 3 (Urban)		U4H	3
OK	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Loop Cross Connect to Collocation		UCXC2	
OK	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Loop Cross Connect to Collocation (without testing)		UCXD2	
OK	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Loop Cross Connect to Collocation		UCXC4	
OK	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Loop Cross Connect to Collocation (without testing)		UCXD4	
OK	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, First Mile - Zone 1 (Rural)		ULNHS	1
OK	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, First Mile - Zone 2 (Suburban)		ULNHS	2
OK	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, First Mile - Zone 3 (Urban)		ULNHS	3
OK	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, First Mile - Interzone		ULNHS	I
OK	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile - Zone 1 (Rural)		ULNHS	1
OK	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile - Zone 2 (Suburban)		ULNHS	2
OK	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile - Zone 3 (Urban)		ULNHS	3

Exhibit B

State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
OK	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile - Interzone		ULNHS	I
OK	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, First Mile - Zone 1 (Rural)		ULNJS	1
OK	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, First Mile - Zone 2 (Suburban)		ULNJS	2
OK	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, First Mile - Zone 3 (Urban)		ULNJS	3
OK	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, First Mile - Interzone		ULNJS	I
OK	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile - Zone 1 (Rural)		ULNJS	1
OK	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile - Zone 2 (Suburban)		ULNJS	2
OK	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile - Zone 3 (Urban)		ULNJS	3
OK	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile - Interzone		ULNJS	I
OK	UNBUNDLED DEDICATED TRANSPORT	DS1 to Collocation		UCXHX	
OK	UNBUNDLED DEDICATED TRANSPORT	DS3 to Collocation		UCXJX	
OK	UNBUNDLED DEDICATED TRANSPORT	DS1 to VG		UM4BX	
OK	UNBUNDLED DEDICATED TRANSPORT	DS3 to DS1		UM4AX	
OK	UNBUNDLED DEDICATED TRANSPORT	2-Wire Analog Loop to POA - Method 1		UXRA1	1
OK	UNBUNDLED DEDICATED TRANSPORT	2-Wire Analog Loop to POA - Method 2		UXRA2	2
OK	UNBUNDLED DEDICATED TRANSPORT	2-Wire Analog Loop to POA - Method 3		UXRA3	3

Exhibit B

State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
SC	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1- Zone 1	UEANL	UEAL2	1
SC	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1- Zone 1 [DISCONNECT]	UEANL	UEAL2	1
SC	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1- Zone 2	UEANL	UEAL2	2
SC	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1- Zone 2 [DISCONNECT]	UEANL	UEAL2	2
SC	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1- Zone 3	UEANL	UEAL2	3
SC	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1- Zone 3 [DISCONNECT]	UEANL	UEAL2	3
SC	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1- Zone 1	UEANL	UEASL	1
SC	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1- Zone 1 [DISCONNECT]	UEANL	UEASL	1
SC	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1- Zone 2	UEANL	UEASL	2
SC	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1- Zone 2 [DISCONNECT]	UEANL	UEASL	2
SC	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1- Zone 3	UEANL	UEASL	3
SC	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1- Zone 3 [DISCONNECT]	UEANL	UEASL	3
SC	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Manual Order Coordination for UVL-SL1s (per loop)	UEANL	UEAMC	
SC	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Order Coordination for Specified Conversion Time for UVL-SL1 (per LSR)	UEANL	OCOSL	
SC	UNBUNDLED EXCHANGE ACCESS LOOP	Bulk Migration, per 2 Wire Voice Loop-SL1	UEANL	UREPN	
SC	UNBUNDLED EXCHANGE ACCESS LOOP	Bulk Migration, per 2 Wire Voice Loop-SL1 [DISCONNECT]	UEANL	UREPN	
SC	UNBUNDLED EXCHANGE ACCESS LOOP	Bulk Migration Order Coordination, per 2 Wire Voice Loop-SL1	UEANL	UREPM	

Exhibit B

State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
SC	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Unbundled Copper Loop - Non-Designed Zone 1	UEQ	UEQ2X	1
SC	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Unbundled Copper Loop - Non-Designed Zone 1 [DISCONNECT]	UEQ	UEQ2X	1
SC	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop - Non-Designed - Zone 2	UEQ	UEQ2X	2
SC	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop - Non-Designed - Zone 2 [DISCONNECT]	UEQ	UEQ2X	2
SC	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop - Non-Designed - Zone 3	UEQ	UEQ2X	3
SC	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop - Non-Designed - Zone 3 [DISCONNECT]	UEQ	UEQ2X	3
SC	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop - Unbundled Miscellaneous Rate Element, Tag Loop at End User Premise	UEQ	URETL	
SC	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop - Loop Testing - Basic 1st Half Hour	UEQ	URET1	
SC	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop - Loop Testing - Basic Additional Half Hour	UEQ	URETA	
SC	UNBUNDLED EXCHANGE ACCESS LOOP	Manual Order Coordination 2 Wire Unbundled Copper Loop - Non-Designed (per loop)	UEQ	USBMC	
SC	UNBUNDLED EXCHANGE ACCESS LOOP	Bulk Migration, per 2 Wire UCL-ND	UEQ	UREPN	
SC	UNBUNDLED EXCHANGE ACCESS LOOP	Bulk Migration, per 2 Wire UCL-ND [DISCONNECT]	UEQ	UREPN	
SC	UNBUNDLED EXCHANGE ACCESS LOOP	Bulk Migration Order Coordination, per 2 Wire UCL-ND	UEQ	UREPM	
SC	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Single LSR, (per DS0)	UEA	URES�	
SC	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Spreadsheet, (per DS0)	UEA	URESP	
SC	UNBUNDLED EXCHANGE ACCESS LOOP	Bulk Migration, per 2 Wire Voice Loop-SL2	UEA	UREPN	

Exhibit B

State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
SC	UNBUNDLED EXCHANGE ACCESS LOOP	Bulk Migration Order Coordination, per 2 Wire Voice Loop-SL2	UEA	UREPM	
SC	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Voice Grade Loop - Zone 1	UEA	UEAL4	1
SC	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Voice Grade Loop - Zone 1 [DISCONNECT]	UEA	UEAL4	1
SC	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Voice Grade Loop - Zone 2	UEA	UEAL4	2
SC	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Voice Grade Loop - Zone 2 [DISCONNECT]	UEA	UEAL4	2
SC	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Voice Grade Loop - Zone 3	UEA	UEAL4	3
SC	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Voice Grade Loop - Zone 3 [DISCONNECT]	UEA	UEAL4	3
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	
SC	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Spreadsheet, (per DS0)	UEA	URESP	
SC	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Loop or Ground Start Signaling - Zone 1	NTCVG	UEAL2	1
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
SC	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Loop or Ground Start Signaling - Zone 2	NTCVG	UEAL2	2
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
SC	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Loop or Ground Start Signaling - Zone 3	NTCVG	UEAL2	3
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

Exhibit B

State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
SC	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Reverse Battery Signaling - Zone 1	NTCVG	UEAR2	1
SC	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Reverse Battery Signaling - Zone 1 [DISCONNECT]	NTCVG	UEAR2	1
SC	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Reverse Battery Signaling - Zone 2	NTCVG	UEAR2	2
SC	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Reverse Battery Signaling - Zone 2 [DISCONNECT]	NTCVG	UEAR2	2
SC	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Reverse Battery Signaling - Zone 3	NTCVG	UEAR2	3
SC	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Reverse Battery Signaling - Zone 3 [DISCONNECT]	NTCVG	UEAR2	3
SC	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Single LSR, (per DS0)	NTCVG	URES	
SC	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Spreadsheet, (per DS0)	NTCVG	URESP	
SC	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Loop Tagging - Service Level 2 (SL2)	NTCVG	URETL	
SC	UNE LOOP COMMINGLING	4-Wire Analog Voice Grade Loop - Zone 1	NTCVG	UEAL4	1
SC	UNE LOOP COMMINGLING	4-Wire Analog Voice Grade Loop - Zone 1 [DISCONNECT]	NTCVG	UEAL4	1
SC	UNE LOOP COMMINGLING	4-Wire Analog Voice Grade Loop - Zone 2	NTCVG	UEAL4	2
SC	UNE LOOP COMMINGLING	4-Wire Analog Voice Grade Loop - Zone 2 [DISCONNECT]	NTCVG	UEAL4	2
SC	UNE LOOP COMMINGLING	4-Wire Analog Voice Grade Loop - Zone 3	NTCVG	UEAL4	3
SC	UNE LOOP COMMINGLING	4-Wire Analog Voice Grade Loop - Zone 3 [DISCONNECT]	NTCVG	UEAL4	3
SC	UNE LOOP COMMINGLING	4-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Single LSR, (per DS0)	NTCVG	URES	

Exhibit B

State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
SC	UNE LOOP COMMINGLING	4-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Spreadsheet, (per DS0)	NTCVG	URESP	
SC	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS1 - per mile	U1TD1	1L5XX	
SC	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS1 - Facility Termination	U1TD1	U1TF1	
SC	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS1 - Facility Termination [DISCONNECT]	U1TD1	U1TF1	
SC	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS3 - per mile	U1TD3	1L5XX	
SC	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS3 - Facility Termination	U1TD3	U1TF3	
SC	UNBUNDLED DEDICATED TRANSPORT	Interoffice Channel - DS3 - Facility Termination [DISCONNECT]	U1TD3	U1TF3	
SC	ENHANCED EXTENDED LINK (EELs)	4-Wire Analog Voice Grade Loop in Combination - Zone 1	UNCVX	UEAL4	1
SC	ENHANCED EXTENDED LINK (EELs)	4-Wire Analog Voice Grade Loop in Combination - Zone 1 [DISCONNECT]	UNCVX	UEAL4	1
SC	ENHANCED EXTENDED LINK (EELs)	4-Wire Analog Voice Grade Loop in Combination - Zone 2	UNCVX	UEAL4	2
SC	ENHANCED EXTENDED LINK (EELs)	4-Wire Analog Voice Grade Loop in Combination - Zone 2 [DISCONNECT]	UNCVX	UEAL4	2
SC	ENHANCED EXTENDED LINK (EELs)	4-Wire Analog Voice Grade Loop in Combination - Zone 3	UNCVX	UEAL4	3
SC	ENHANCED EXTENDED LINK (EELs)	4-Wire Analog Voice Grade Loop in Combination - Zone 3 [DISCONNECT]	UNCVX	UEAL4	3
SC	ENHANCED EXTENDED LINK (EELs)	4-Wire DS1 Digital Loop in Combination - Zone 1	UNC1X	USLXX	1
SC	ENHANCED EXTENDED LINK (EELs)	4-Wire DS1 Digital Loop in Combination - Zone 1 [DISCONNECT]	UNC1X	USLXX	1
SC	ENHANCED EXTENDED LINK (EELs)	4-Wire DS1 Digital Loop in Combination - Zone 2	UNC1X	USLXX	2
SC	ENHANCED EXTENDED LINK (EELs)	4-Wire DS1 Digital Loop in Combination - Zone 2 [DISCONNECT]	UNC1X	USLXX	2
SC	ENHANCED EXTENDED LINK (EELs)	4-Wire DS1 Digital Loop in Combination - Zone 3	UNC1X	USLXX	3

Exhibit B

State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
SC	ENHANCED EXTENDED LINK (EELs)	4-Wire DS1 Digital Loop in Combination - Zone 3 [DISCONNECT]	UNC1X	USLXX	3
SC	ENHANCED EXTENDED LINK (EELs)	DS3 Local Loop in combination - per mile	UNC3X	1L5ND	
SC	ENHANCED EXTENDED LINK (EELs)	DS3 Local Loop in combination - Facility Termination	UNC3X	UE3PX	
SC	ENHANCED EXTENDED LINK (EELs)	DS3 Local Loop in combination - Facility Termination [DISCONNECT]	UNC3X	UE3PX	
SC	ENHANCED EXTENDED LINK (EELs)	Interoffice Channel in combination - DS1 - per mile	UNC1X	1L5XX	
SC	ENHANCED EXTENDED LINK (EELs)	Interoffice Channel in combination - DS1 Facility Termination	UNC1X	U1TF1	
SC	ENHANCED EXTENDED LINK (EELs)	Interoffice Channel in combination - DS1 Facility Termination [DISCONNECT]	UNC1X	U1TF1	
SC	ENHANCED EXTENDED LINK (EELs)	Interoffice Channel in combination - DS3 - per mile	UNC3X	1L5XX	
SC	ENHANCED EXTENDED LINK (EELs)	Interoffice Channel in combination - DS3 - Facility Termination	UNC3X	U1TF3	
SC	ENHANCED EXTENDED LINK (EELs)	Interoffice Channel in combination - DS3 - Facility Termination [DISCONNECT]	UNC3X	U1TF3	

Exhibit B

State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
TN	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1- Zone 1	UEANL	UEAL2	1
TN	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1- Zone 1 [DISCONNECT] (USOC=UEAL2)	UEANL	SOMAN	1
TN	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1- Zone 1 (USOC=UEAL2)	UEANL	SOMAN	1
TN	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1- Zone 1 [DISCONNECT]	UEANL	UEAL2	1
TN	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1- Zone 2	UEANL	UEAL2	2
TN	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1- Zone 2 [DISCONNECT] (USOC=UEAL2)	UEANL	SOMAN	2
TN	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1- Zone 2 (USOC=UEAL2)	UEANL	SOMAN	2
TN	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1- Zone 2 [DISCONNECT]	UEANL	UEAL2	2
TN	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1- Zone 3	UEANL	UEAL2	3
TN	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1- Zone 3 [DISCONNECT] (USOC=UEAL2)	UEANL	SOMAN	3
TN	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1- Zone 3 (USOC=UEAL2)	UEANL	SOMAN	3
TN	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1- Zone 3 [DISCONNECT]	UEANL	UEAL2	3
TN	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1- Zone 1	UEANL	UEASL	1
TN	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1- Zone 1 [DISCONNECT] (USOC=UEASL)	UEANL	SOMAN	1
TN	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1- Zone 1 (USOC=UEASL)	UEANL	SOMAN	1
TN	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1- Zone 1 [DISCONNECT]	UEANL	UEASL	1
TN	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1- Zone 2	UEANL	UEASL	2

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State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
TN	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1-Zone 2 [DISCONNECT] (USOC=UEASL)	UEANL	SOMAN	2
TN	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1-Zone 2 (USOC=UEASL)	UEANL	SOMAN	2
TN	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1-Zone 2 [DISCONNECT]	UEANL	UEASL	2
TN	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1-Zone 3	UEANL	UEASL	3
TN	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1-Zone 3 [DISCONNECT] (USOC=UEASL)	UEANL	SOMAN	3
TN	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1-Zone 3 (USOC=UEASL)	UEANL	SOMAN	3
TN	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Service Level 1-Zone 3 [DISCONNECT]	UEANL	UEASL	3
TN	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Manual Order Coordination for UVL-SL1s (per loop)	UEANL	UEAMC	
TN	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Order Coordination for Specified Conversion Time for UVL-SL1 (per LSR)	UEANL	OCOSL	
TN	UNBUNDLED EXCHANGE ACCESS LOOP	Bulk Migration, per 2 Wire Voice Loop-SL1	UEANL	UREPN	
TN	UNBUNDLED EXCHANGE ACCESS LOOP	Bulk Migration, per 2 Wire Voice Loop-SL1 [DISCONNECT]	UEANL	UREPN	
TN	UNBUNDLED EXCHANGE ACCESS LOOP	Bulk Migration Order Coordination, per 2 Wire Voice Loop-SL1	UEANL	UREPM	
TN	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Unbundled Copper Loop - Non-Designed Zone 1	UEQ	UEQ2X	1
TN	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Unbundled Copper Loop - Non-Designed Zone 1 [DISCONNECT] (USOC=UEQ2X)	UEQ	SOMAN	1
TN	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Unbundled Copper Loop - Non-Designed Zone 1 (USOC=UEQ2X)	UEQ	SOMAN	1
TN	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Unbundled Copper Loop - Non-Designed Zone 1 [DISCONNECT]	UEQ	UEQ2X	1
TN	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop - Non-Designed - Zone 2	UEQ	UEQ2X	2

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State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
TN	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop - Non-Designed - Zone 2 [DISCONNECT] (USOC=UEQ2X)	UEQ	SOMAN	2
TN	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop - Non-Designed - Zone 2 (USOC=UEQ2X)	UEQ	SOMAN	2
TN	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop - Non-Designed - Zone 2 [DISCONNECT]	UEQ	UEQ2X	2
TN	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop - Non-Designed - Zone 3	UEQ	UEQ2X	3
TN	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop - Non-Designed - Zone 3 [DISCONNECT] (USOC=UEQ2X)	UEQ	SOMAN	3
TN	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop - Non-Designed - Zone 3 (USOC=UEQ2X)	UEQ	SOMAN	3
TN	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop - Non-Designed - Zone 3 [DISCONNECT]	UEQ	UEQ2X	3
TN	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop - Tag Loop at End User Premise	UEQ	URETL	
TN	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop - Loop Testing - Basic 1st Half Hour	UEQ	URET1	
TN	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop - Loop Testing - Basic Additional Half Hour	UEQ	URETA	
TN	UNBUNDLED EXCHANGE ACCESS LOOP	2 Wire Unbundled Copper Loop - Manual Order Coordination 2 Wire Unbundled Copper Loop - Non-Designed (per loop)	UEQ	USBMC	
TN	UNBUNDLED EXCHANGE ACCESS LOOP	Bulk Migration, per 2 Wire UCL-ND	UEQ	UREPN	
TN	UNBUNDLED EXCHANGE ACCESS LOOP	Bulk Migration, per 2 Wire UCL-ND [DISCONNECT]	UEQ	UREPN	
TN	UNBUNDLED EXCHANGE ACCESS LOOP	Bulk Migration Order Coordination, per 2 Wire UCL-ND	UEQ	UREPM	
TN	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Single LSR, (per DS0)	UEA	URES�	
TN	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Single LSR, (per DS0) [DISCONNECT] (USOC=URES�)	UEA	SOMAN	

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State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
TN	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Single LSR, (per DS0) (USOC=URES L)	UEA	SOMAN	
TN	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Spreadsheet, (per DS0)	UEA	URESP	
TN	UNBUNDLED EXCHANGE ACCESS LOOP	Bulk Migration, per 2 Wire Voice Loop-SL2	UEA	UREPN	
TN	UNBUNDLED EXCHANGE ACCESS LOOP	Bulk Migration Order Coordination, per 2 Wire Voice Loop-SL2	UEA	UREPM	
TN	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Voice Grade Loop - Zone 1	UEA	UEAL4	1
TN	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Voice Grade Loop - Zone 1 [DISCONNECT] (USOC=UEAL4)	UEA	SOMAN	1
TN	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Voice Grade Loop - Zone 1 (USOC=UEAL4)	UEA	SOMAN	1
TN	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Voice Grade Loop - Zone 1 [DISCONNECT]	UEA	UEAL4	1
TN	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Voice Grade Loop - Zone 2	UEA	UEAL4	2
TN	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Voice Grade Loop - Zone 2 [DISCONNECT] (USOC=UEAL4)	UEA	SOMAN	2
TN	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Voice Grade Loop - Zone 2 (USOC=UEAL4)	UEA	SOMAN	2
TN	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Voice Grade Loop - Zone 2 [DISCONNECT]	UEA	UEAL4	2
TN	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Voice Grade Loop - Zone 3	UEA	UEAL4	3
TN	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Voice Grade Loop - Zone 3 [DISCONNECT] (USOC=UEAL4)	UEA	SOMAN	3
TN	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Voice Grade Loop - Zone 3 (USOC=UEAL4)	UEA	SOMAN	3
TN	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Voice Grade Loop - Zone 3 [DISCONNECT]	UEA	UEAL4	3

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State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
TN	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Single LSR, (per DS0)	UEA	URES	
TN	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Single LSR, (per DS0) [DISCONNECT] (USOC=URES)	UEA	SOMAN	
TN	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Single LSR, (per DS0) (USOC=URES)	UEA	SOMAN	
TN	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Spreadsheet, (per DS0)	UEA	URES	
TN	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Loop or Ground Start Signaling - Zone 1	NTCVG	UEAL2	1
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
TN	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Loop or Ground Start Signaling - Zone 2	NTCVG	UEAL2	2
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
TN	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Loop or Ground Start Signaling - Zone 3	NTCVG	UEAL2	3
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
TN	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Reverse Battery Signaling - Zone 1	NTCVG	UEAR2	1
TN	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Reverse Battery Signaling - Zone 1 [DISCONNECT]	NTCVG	UEAR2	1
TN	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Reverse Battery Signaling - Zone 2	NTCVG	UEAR2	2

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State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
TN	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Reverse Battery Signaling - Zone 2 [DISCONNECT]	NTCVG	UEAR2	2
TN	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Reverse Battery Signaling - Zone 3	NTCVG	UEAR2	3
TN	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Service Level 2 w/Reverse Battery Signaling - Zone 3 [DISCONNECT]	NTCVG	UEAR2	3
TN	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Single LSR, (per DS0)	NTCVG	URES	
TN	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Spreadsheet, (per DS0)	NTCVG	URES	
TN	UNE LOOP COMMINGLING	2-Wire Analog Voice Grade Loop - Loop Tagging - Service Level 2 (SL2)	NTCVG	URETL	
TN	UNE LOOP COMMINGLING	4-Wire Analog Voice Grade Loop - Zone 1	NTCVG	UEAL4	1
TN	UNE LOOP COMMINGLING	4-Wire Analog Voice Grade Loop - Zone 1 [DISCONNECT]	NTCVG	UEAL4	1
TN	UNE LOOP COMMINGLING	4-Wire Analog Voice Grade Loop - Zone 2	NTCVG	UEAL4	2
TN	UNE LOOP COMMINGLING	4-Wire Analog Voice Grade Loop - Zone 2 [DISCONNECT]	NTCVG	UEAL4	2
TN	UNE LOOP COMMINGLING	4-Wire Analog Voice Grade Loop - Zone 3	NTCVG	UEAL4	3
TN	UNE LOOP COMMINGLING	4-Wire Analog Voice Grade Loop - Zone 3 [DISCONNECT]	NTCVG	UEAL4	3
TN	UNE LOOP COMMINGLING	4-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Single LSR, (per DS0)	NTCVG	URES	
TN	UNE LOOP COMMINGLING	4-Wire Analog Voice Grade Loop - Switch-As-Is Conversion rate per UNE Loop, Spreadsheet, (per DS0)	NTCVG	URES	
TN	UNBUNDLED DEDICATED TRANSPORT	Stand Alone - Interoffice Channel - DS1 - per mile	U1TD1	1L5XX	

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State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
TN	UNBUNDLED DEDICATED TRANSPORT	Stand Alone - Interoffice Channel - DS1 - Facility Termination	U1TD1	U1TF1	
TN	UNBUNDLED DEDICATED TRANSPORT	Stand Alone - Interoffice Channel - DS1 - Facility Termination [DISCONNECT] (USOC=U1TF1)	U1TD1	SOMAN	
TN	UNBUNDLED DEDICATED TRANSPORT	Stand Alone - Interoffice Channel - DS1 - Facility Termination (USOC=U1TF1)	U1TD1	SOMAN	
TN	UNBUNDLED DEDICATED TRANSPORT	Stand Alone - Interoffice Channel - DS1 - Facility Termination [DISCONNECT]	U1TD1	U1TF1	
TN	UNBUNDLED DEDICATED TRANSPORT	Stand Alone - Interoffice Channel - DS3 - per mile	U1TD3	1L5XX	
TN	UNBUNDLED DEDICATED TRANSPORT	Stand Alone - Interoffice Channel - DS3 - Facility Termination	U1TD3	U1TF3	
TN	UNBUNDLED DEDICATED TRANSPORT	Stand Alone - Interoffice Channel - DS3 - Facility Termination [DISCONNECT] (USOC=U1TF3)	U1TD3	SOMAN	
TN	UNBUNDLED DEDICATED TRANSPORT	Stand Alone - Interoffice Channel - DS3 - Facility Termination (USOC=U1TF3)	U1TD3	SOMAN	
TN	UNBUNDLED DEDICATED TRANSPORT	Stand Alone - Interoffice Channel - DS3 - Facility Termination [DISCONNECT]	U1TD3	U1TF3	
TN	ENHANCED EXTENDED LINK (EELs)	4-Wire Analog Voice Grade Loop in Combination - Zone 1	UNCVX	UEAL4	1
TN	ENHANCED EXTENDED LINK (EELs)	4-Wire Analog Voice Grade Loop in Combination - Zone 1 (USOC=UEAL4)	UNCVX	SOMAN	1
TN	ENHANCED EXTENDED LINK (EELs)	4-Wire Analog Voice Grade Loop in Combination - Zone 1 [DISCONNECT]	UNCVX	UEAL4	1
TN	ENHANCED EXTENDED LINK (EELs)	4-Wire Analog Voice Grade Loop in Combination - Zone 2	UNCVX	UEAL4	2
TN	ENHANCED EXTENDED LINK (EELs)	4-Wire Analog Voice Grade Loop in Combination - Zone 2 (USOC=UEAL4)	UNCVX	SOMAN	2
TN	ENHANCED EXTENDED LINK (EELs)	4-Wire Analog Voice Grade Loop in Combination - Zone 2 [DISCONNECT]	UNCVX	UEAL4	2
TN	ENHANCED EXTENDED LINK (EELs)	4-Wire Analog Voice Grade Loop in Combination - Zone 3	UNCVX	UEAL4	3
TN	ENHANCED EXTENDED LINK (EELs)	4-Wire Analog Voice Grade Loop in Combination - Zone 3 (USOC=UEAL4)	UNCVX	SOMAN	3

Exhibit B

State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
TN	ENHANCED EXTENDED LINK (EELs)	4-Wire Analog Voice Grade Loop in Combination - Zone 3 [DISCONNECT]	UNCVX	UEAL4	3
TN	ENHANCED EXTENDED LINK (EELs)	4-Wire DS1 Digital Loop in Combination - Zone 1	UNC1X	USLXX	1
TN	ENHANCED EXTENDED LINK (EELs)	4-Wire DS1 Digital Loop in Combination - Zone 1 [DISCONNECT] (USOC=USLXX)	UNC1X	SOMAN	1
TN	ENHANCED EXTENDED LINK (EELs)	4-Wire DS1 Digital Loop in Combination - Zone 1 (USOC=USLXX)	UNC1X	SOMAN	1
TN	ENHANCED EXTENDED LINK (EELs)	4-Wire DS1 Digital Loop in Combination - Zone 1 [DISCONNECT]	UNC1X	USLXX	1
TN	ENHANCED EXTENDED LINK (EELs)	4-Wire DS1 Digital Loop in Combination - Zone 2	UNC1X	USLXX	2
TN	ENHANCED EXTENDED LINK (EELs)	4-Wire DS1 Digital Loop in Combination - Zone 2 [DISCONNECT] (USOC=USLXX)	UNC1X	SOMAN	2
TN	ENHANCED EXTENDED LINK (EELs)	4-Wire DS1 Digital Loop in Combination - Zone 2 (USOC=USLXX)	UNC1X	SOMAN	2
TN	ENHANCED EXTENDED LINK (EELs)	4-Wire DS1 Digital Loop in Combination - Zone 2 [DISCONNECT]	UNC1X	USLXX	2
TN	ENHANCED EXTENDED LINK (EELs)	4-Wire DS1 Digital Loop in Combination - Zone 3	UNC1X	USLXX	3
TN	ENHANCED EXTENDED LINK (EELs)	4-Wire DS1 Digital Loop in Combination - Zone 3 [DISCONNECT] (USOC=USLXX)	UNC1X	SOMAN	3
TN	ENHANCED EXTENDED LINK (EELs)	4-Wire DS1 Digital Loop in Combination - Zone 3 (USOC=USLXX)	UNC1X	SOMAN	3
TN	ENHANCED EXTENDED LINK (EELs)	4-Wire DS1 Digital Loop in Combination - Zone 3 [DISCONNECT]	UNC1X	USLXX	3
TN	ENHANCED EXTENDED LINK (EELs)	DS3 Local Loop in combination - per mile	UNC3X	1L5ND	
TN	ENHANCED EXTENDED LINK (EELs)	DS3 Local Loop in combination - Facility Termination	UNC3X	UE3PX	
TN	ENHANCED EXTENDED LINK (EELs)	DS3 Local Loop in combination - Facility Termination [DISCONNECT] (USOC=UE3PX)	UNC3X	SOMAN	
TN	ENHANCED EXTENDED LINK (EELs)	DS3 Local Loop in combination - Facility Termination (USOC=UE3PX)	UNC3X	SOMAN	
TN	ENHANCED EXTENDED LINK (EELs)	DS3 Local Loop in combination - Facility Termination [DISCONNECT]	UNC3X	UE3PX	
TN	ENHANCED EXTENDED LINK (EELs)	Interoffice Channel in combination - DS1 - per mile	UNC1X	1L5XX	
TN	ENHANCED EXTENDED LINK (EELs)	Interoffice Channel in combination - DS1 Facility Termination	UNC1X	U1TF1	

Exhibit B

State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
TN	ENHANCED EXTENDED LINK (EELs)	Interoffice Channel in combination - DS1 Facility Termination [DISCONNECT] (USOC=U1TF1)	UNC1X	SOMAN	
TN	ENHANCED EXTENDED LINK (EELs)	Interoffice Channel in combination - DS1 Facility Termination (USOC=U1TF1)	UNC1X	SOMAN	
TN	ENHANCED EXTENDED LINK (EELs)	Interoffice Channel in combination - DS1 Facility Termination [DISCONNECT]	UNC1X	U1TF1	
TN	ENHANCED EXTENDED LINK (EELs)	Interoffice Channel in combination - DS3 - per mile	UNC3X	1L5XX	
TN	ENHANCED EXTENDED LINK (EELs)	Interoffice Channel in combination - DS3 - Facility Termination	UNC3X	U1TF3	
TN	ENHANCED EXTENDED LINK (EELs)	Interoffice Channel in combination - DS3 - Facility Termination [DISCONNECT] (USOC=U1TF3)	UNC3X	SOMAN	
TN	ENHANCED EXTENDED LINK (EELs)	Interoffice Channel in combination - DS3 - Facility Termination (USOC=U1TF3)	UNC3X	SOMAN	
TN	ENHANCED EXTENDED LINK (EELs)	Interoffice Channel in combination - DS3 - Facility Termination [DISCONNECT]	UNC3X	U1TF3	
TN	ADDITIONAL NETWORK ELEMENTS	Service Rearrangements - NRC - Order Coordination Specific Time - Dedicated Transport	UNC1X, UNC3X	OCOSR	

Exhibit B

State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
TX	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Loop - Zone 1 (Rural)		U21	1
TX	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Loop - Zone 2 (Suburban)		U21	2
TX	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Loop - Zone 3 (Urban)		U21	3
TX	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Loop - Disconnect		NKCT1	
TX	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Loop - Zone 1 (Rural)		U4H	1
TX	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Loop - Zone 2 (Suburban)		U4H	2
TX	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Loop - Zone 3 (Urban)		U4H	3
TX	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Loop Cross Connect to Collocation		UCXC2	
TX	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Loop Cross Connect to Collocation (without testing)		UCXD2	
TX	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Loop Cross Connect to Collocation		UCXC4	
TX	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Loop Cross Connect to Collocation (without testing)		UCXD4	
TX	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, First Mile - Zone 1 (Rural)		ULNHS	1
TX	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, First Mile - Zone 2 (Suburban)		ULNHS	2
TX	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, First Mile - Zone 3 (Urban)		ULNHS	3
TX	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, First Mile - Interzone		ULNHS	I
TX	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, First Mile - Disconnect		NKCT8	
TX	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile - Zone 1 (Rural)		ULNHS	1

Exhibit B

State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
TX	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile - Zone 2 (Suburban)		ULNHS	2
TX	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile - Zone 3 (Urban)		ULNHS	3
TX	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile - Interzone		ULNHS	I
TX	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, First Mile - Zone 1 (Rural)		ULNJS	1
TX	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, First Mile - Zone 2 (Suburban)		ULNJS	2
TX	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, First Mile - Zone 3 (Urban)		ULNJS	3
TX	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, First Mile - Interzone		ULNJS	I
TX	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, First Mile - Disconnect		NKCT9	
TX	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile - Zone 1 (Rural)		ULNJS	1
TX	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile - Zone 2 (Suburban)		ULNJS	2
TX	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile - Zone 3 (Urban)		ULNJS	3
TX	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile - Interzone		ULNJS	I
TX	UNBUNDLED DEDICATED TRANSPORT	DS1 Cross Connect to Collocation	UBNTX	UCXHX	
TX	UNBUNDLED DEDICATED TRANSPORT	DS3 Cross Connect to Collocation		UCXJX	
TX	UNBUNDLED DEDICATED TRANSPORT	Multiplexing - DS1 to VG		UM4BX	
TX	UNBUNDLED DEDICATED TRANSPORT	Multiplexing - DS1 to VG - Disconnect		NKCTC	

Exhibit B

State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
TX	UNBUNDLED DEDICATED TRANSPORT	Multiplexing - DS3 to DS1		UM4AX	
TX	UNBUNDLED DEDICATED TRANSPORT	Multiplexing - DS3 to DS1 - Disconnect		NKCT6	

Exhibit B

State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
WI	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog - Rural (Access Area C)	MUJ++, UOB++, UOR++, EE7JX	U2HXC	C
WI	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog - Suburban (Access Area B)	MUJ++, UOB++, UOR++, EE7JX	U2HXB	B
WI	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog - Metro (Access Area A)	MUJ++, UOB++, UOR++, EE7JX	U2HXA	A
WI	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Ground Start, Analog DID/Reverse Battery - Rural (Access Area C)	MUJ++, UOB++, UOR++, EE7JX	U2WXC	C
WI	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Ground Start, Analog DID/Reverse Battery - Suburban (Access Area B)	MUJ++, UOB++, UOR++, EE7JX	U2WXB	B
WI	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Ground Start, Analog DID/Reverse Battery - Metro (Access Area A)	MUJ++, UOB++, UOR++, EE7JX	U2WXA	A
WI	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Ground Start, PBX - Rural (Access Area C)	MUJ++, UOB++, UOR++, EE7JX	U2JXC	C
WI	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Ground Start, PBX - Suburban (Access Area B)	MUJ++, UOB++, UOR++, EE7JX	U2JXB	B
WI	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Ground Start, PBX - Metro (Access Area A)	MUJ++, UOB++, UOR++, EE7JX	U2JXA	A
WI	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire COPTS Coin - Rural (Access Area C)	MUJ++, UOB++, UOR++	U2CXC	C
WI	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire COPTS Coin - Suburban (Access Area B)	MUJ++, UOB++, UOR++	U2CXB	B
WI	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire COPTS Coin - Metro (Access Area A)	MUJ++, UOB++, UOR++	U2CXA	A
WI	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire EKL - Rural (Access Area C)	MUJ++, UOB++, UOR++	U2KXC	C
WI	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire EKL - Suburban (Access Area B)	MUJ++, UOB++, UOR++	U2KXB	B
WI	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire EKL - Metro (Access Area A)	MUJ++, UOB++, UOR++	U2KXA	A
WI	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog - Rural (Access Area C)	MUJ++, UOB++, UOR++, EE7KX	U4HXC	C
WI	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog - Suburban (Access Area B)	MUJ++, UOB++, UOR++, EE7KX	U4HXB	B

Exhibit B

State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
WI	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog - Metro (Access Area A)	MUJ++, UOB++, UOR++, EE7KX	U4HXA	A
WI	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Interoffice Transport: DS1 Interoffice Mileage Termination - Per Point of Termination - All Zones	UB5++, EE7MX, UK1++	CZ4X1	
WI	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Interoffice Transport: DS1 Interoffice Mileage Termination - Per Point of Termination - All Zones	UB5++, EE7MX, UK1++	CZ4X2	
WI	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Interoffice Transport: DS1 Interoffice Mileage Termination - Per Point of Termination - All Zones	UB5++, EE7MX, UK1++	CZ4X3	
WI	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Interoffice Transport: DS1 Interoffice Mileage - Per Mile - All Zones	UB5++, EE7MX, UK1++	1YZX1	
WI	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Interoffice Transport: DS1 Interoffice Mileage - Per Mile - All Zones	UB5++, EE7MX, UK1++	1YZX2	
WI	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Interoffice Transport: DS1 Interoffice Mileage - Per Mile - All Zones	UB5++, EE7MX, UK1++	1YZX3	
WI	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Interoffice Transport: DS3 Interoffice Mileage Termination - Per Point of Termination - All Zones	UB5++, EE7NX, UK3++	CZ4W1	
WI	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Interoffice Transport: DS3 Interoffice Mileage Termination - Per Point of Termination - All Zones	UB5++, EE7NX, UK3++	CZ4W2	
WI	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Interoffice Transport: DS3 Interoffice Mileage Termination - Per Point of Termination - All Zones	UB5++, EE7NX, UK3++	CZ4W3	
WI	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Interoffice Transport: DS3 Interoffice Mileage - Per Mile - All Zones	UB5++, EE7NX, UK3++	1YZB1	
WI	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Interoffice Transport: DS3 Interoffice Mileage - Per Mile - All Zones	UB5++, EE7NX, UK3++	1YZB2	
WI	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Interoffice Transport: DS3 Interoffice Mileage - Per Mile - All Zones	UB5++, EE7NX, UK3++	1YZB3	
WI	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS1 to Voice Grade	UB5++, UK1++	QMVX1	
WI	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS1 to Voice Grade	UB5++, UK1++	QMVX2	
WI	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS1 to Voice Grade	UB5++, UK1++	QMVX3	

Exhibit B

State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
WI	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS3 to DS1	UB5++, UK3++	QM3X1	
WI	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS3 to DS1	UB5++, UK3++	QM3X2	
WI	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS3 to DS1	UB5++, UK3++	QM3X3	
WI	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Cross Connects DS1	UB5++, EE7MX, UK1++	CXCDX	
WI	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Cross Connects DS3	UB5++, EE7NX, UK3++	CXCEX	
WI	UNBUNDLED DEDICATED TRANSPORT	Clear Channel Capability - Per 1.544 Mbps Circuit Arranged	UB5++, EE7MX, UK1++	CLYX1	
WI	UNBUNDLED DEDICATED TRANSPORT	Clear Channel Capability - Per 1.544 Mbps Circuit Arranged	UB5++, EE7MX, UK1++	CLYX2	
WI	UNBUNDLED DEDICATED TRANSPORT	Clear Channel Capability - Per 1.544 Mbps Circuit Arranged	UB5++, EE7MX, UK1++	CLYX3	
WI	UNBUNDLED DEDICATED TRANSPORT	Clear Channel Capability - Per 1.544 Mbps Circuit Arranged - Disconnect			
WI	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Optional Features & Functions DS1 Administration Charge - Per Order	UB5++, EE7MX, UK1++	ORCMX	
WI	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Optional Features & Functions DS1 Administrative Charge - Per Disconnect Order	UB5++, EE7MX, UK1++	TBD	
WI	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Optional Features & Functions DS1 Design & Central Office Connection Charge - Per	UB5++, EE7MX, UK1++	NRBCL	
WI	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Optional Features & Functions DS1 Design & Central Office Connection Charge	UB5++, EE7MX, UK1++	TBD	
WI	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Optional Features & Functions DS1 Carrier Connection Charge - Per Order	UB5++, EE7MX, UK1++	NRBBL	
WI	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Installation & Rearrangement Charges DS3 Administration Charge - Per Order	UB5++, EE7NX, UK3++	ORCMX	
WI	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Installation & Rearrangement Charges DS3 Administrative Charge - Per Disconnect	UB5++, EE7NX, UK3++	TBD	

Exhibit B

State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
WI	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Installation & Rearrangement Charges DS3 Design & Central Office Connection	UB5++, EE7NX, UK3++	NRBCL	
WI	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Installation & Rearrangement Charges DS3 Design & Central Office Connection	UB5++, EE7NX, UK3++	TBD	
WI	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Installation & Rearrangement Charges DS3 Carrier Connection Charge - Per Order	UB5++, EE7NX, UK3++	NRBBL	

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

ACN COMMUNICATION SERVICES, LLC

Signature: eSigned - Dave StevanovskiSignature: eSigned - Kristen E. ShoreName: eSigned - Dave Stevanovski
(Print or Type)Name: eSigned - Kristen E. Shore
(Print or Type)Title: President
(Print or Type)Title: AVP- Regulatory
(Print or Type)Date: 04 May 2022Date: 04 May 2022**ACN Communication Services, LLC**

BellSouth Telecommunications, LLC d/b/a AT&T ALABAMA, AT&T FLORIDA, AT&T GEORGIA, AT&T KENTUCKY, AT&T LOUISIANA, AT&T MISSISSIPPI, AT&T NORTH CAROLINA, AT&T SOUTH CAROLINA and AT&T TENNESSEE, Illinois Bell Telephone Company, LLC d/b/a AT&T ILLINOIS, Indiana Bell Telephone Company 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
ACN COMMUNICATION SERVICES, LLC
AND**

BELLSOUTH TELECOMMUNICATIONS, LLC D/B/A AT&T ALABAMA, AT&T FLORIDA, AT&T GEORGIA, AT&T KENTUCKY, AT&T LOUISIANA, AT&T 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 CLEC as shown in the attached Exhibit A.

WHEREAS, AT&T and CLEC are Parties to the Agreements as shown in the attached Exhibit A.

WHEREAS, the Parties desire to modify certain provisions related to Operations Support Systems (OSS) and/or Data Connection Security Requirements; and

WHEREAS, CLEC has changed its legal name and wishes to reflect that name change as set forth herein.

NOW, THEREFORE, in consideration of the promises and mutual agreements set forth herein, the Parties agree to amend the Agreement as follows:

1. The Amendment is composed of the foregoing recitals, the terms and conditions, contained within, all of which are hereby incorporated within this Amendment by this reference and constitute a part of this Amendment.
2. The Agreements are hereby amended to reflect the corrected CLEC name as shown in Exhibit A.
3. For the States of Illinois, Indiana, Nevada, Ohio and Wisconsin, the Parties agree to replace Section 9.1 from the OSS Resale & UNE Appendix with the following language:

9.0 Data Connection Security Requirements

9.1 CLEC agrees to comply with AT&T data connection security procedures as set forth on the AT&T CLEC Online website as they may change from time to time, including but not limited to procedures on joint security requirements, information security, user identification and authentication, network monitoring, and software integrity. To the extent there is a conflict between this Amendment's Section 9 and the Competitive Local Exchange Carrier (CLEC) Operations Support Systems (OSS) Procedures, the CLEC OSS Interconnection Procedures shall govern.

9.1.1 CLEC agrees that the interconnection of CLEC data facilities with AT&T data facilities for access to OSS will be in compliance with AT&T's "Competitive Local Exchange Carrier (CLEC) Operations Support System Interconnection Procedures" document, which is revised from time to time and posted to the AT&T CLEC Online website.

4. For the States of Arkansas, Kansas, Missouri, Oklahoma and Texas, the Parties agree to replace Section 9.1 from Attachment 27: Access to Operations Support Systems (OSS) with the following language:

9.0 Data Connection Security Requirements

9.1 CLEC agrees to comply with AT&T data connection security procedures as set forth on the AT&T CLEC Online website as they may change from time to time, including but not limited to procedures on joint security requirements, information security, user identification and authentication, network monitoring, and

software integrity. To the extent there is a conflict between this Amendment's Section 9 and the Competitive Local Exchange Carrier (CLEC) Operations Support Systems (OSS) Procedures, the CLEC OSS Interconnection Procedures shall govern.

9.1.1 CLEC agrees that the interconnection of CLEC data facilities with AT&T data facilities for access to OSS will be in compliance with AT&T's "Competitive Local Exchange Carrier (CLEC) Operations Support System Interconnection Procedures" document, which is revised from time to time and posted to the AT&T CLEC Online website.

5. For the States of California and Michigan, the Parties agree to replace Section 8.1 from Attachment 9: Access to Operations Support System and Related Functions of the Agreement with the following language:

8. Data Connection Security Requirements

8.1 CLEC agrees to comply with AT&T data connection security procedures as set forth on the AT&T CLEC Online website as they may change from time to time, including but not limited to procedures on joint security requirements, information security, user identification and authentication, network monitoring, and software integrity. To the extent there is a conflict between this Amendment's Section 8 and the Competitive Local Exchange Carrier (CLEC) Operations Support Systems (OSS) Procedures, the CLEC OSS Interconnection Procedures shall govern.

8.1.1 CLEC agrees that the interconnection of CLEC data facilities with AT&T data facilities for access to OSS will be in compliance with AT&T's "Competitive Local Exchange Carrier (CLEC) Operations Support System Interconnection Procedures" document, which is revised from time to time and posted to the AT&T CLEC Online website.

6. The Parties agree to replace Section N from the Agreements 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	John Dunne Carrier Relations Specialist
STREET ADDRESS	1000 Progress Place
CITY, STATE, ZIP CODE	Concord, NC 28025
PHONE NUMBER*	(704) 260-3000
FACSIMILE NUMBER	N/A
EMAIL ADDRESS	legalnotices@acninc.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. 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.

8. 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.
9. This Amendment shall not modify or extend the Effective Date or Term of the underlying Agreement, but rather, shall be coterminous with such Agreement.
10. EXCEPT AS MODIFIED HEREIN, ALL OTHER TERMS AND CONDITIONS OF THE UNDERLYING AGREEMENT SHALL REMAIN UNCHANGED AND IN FULL FORCE AND EFFECT.
11. 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.
12. For Alabama, Florida, Georgia, Illinois, Indiana, Kansas, Kentucky, Louisiana, Michigan, 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")	CLEC Previous Name with State Utilities Commission	CLEC Corrected Legal Name with State Utilities Commission	Contract Type	Effective Date
BellSouth Telecommunications, LLC d/b/a AT&T ALABAMA	ACN Communications Services, LLC	ACN Communication Services, LLC	251/252 Interconnection Agreement	1/17/2004
Southwestern Bell Telephone Company d/b/a AT&T ARKANSAS	ACN Communication Services, LLC		251/252 Interconnection Agreement	4/3/2006
Pacific Bell Telephone Company d/b/a AT&T CALIFORNIA	ACN Communication Services, LLC		251/252 Interconnection Agreement	1/26/2003
BellSouth Telecommunications, LLC d/b/a AT&T FLORIDA	ACN Communication Services, LLC		251/252 Interconnection Agreement	6/11/2003
BellSouth Telecommunications, LLC d/b/a AT&T GEORGIA	ACN Communication Services, LLC		251/252 Interconnection Agreement	6/11/2003
Illinois Bell Telephone Company d/b/a AT&T ILLINOIS	ACN Communication Services, LLC		251/252 Interconnection Agreement	10/8/2003
Indiana Bell Telephone Company Incorporated d/b/a AT&T INDIANA	ACN Communication Services, LLC		251/252 Interconnection Agreement	12/28/2005
Southwestern Bell Telephone Company d/b/a AT&T KANSAS	ACN Communications Services, LLC	ACN Communication Services, LLC	251/252 Interconnection Agreement	10/24/2005
BellSouth Telecommunications, LLC d/b/a AT&T KENTUCKY	ACN Communication Services, LLC		251/252 Interconnection Agreement	1/17/2004

AT&T ILEC ("AT&T")	CLEC Previous Name with State Utilities Commission	CLEC Corrected Legal Name with State Utilities Commission	Contract Type	Effective Date
BellSouth Telecommunications, LLC d/b/a AT&T LOUISIANA	ACN Communication Services, LLC		251/252 Interconnection Agreement	1/17/2004
Michigan Bell Telephone Company d/b/a AT&T MICHIGAN	ACN Communication Services, LLC		251/252 Interconnection Agreement	12/16/2002
BellSouth Telecommunications, LLC d/b/a AT&T MISSISSIPPI	ACN Communication Services, LLC		251/252 Resale Agreement	11/16/2005
Southwestern Bell Telephone Company d/b/a AT&T MISSOURI	ACN Communication Services, LLC		251/252 Interconnection Agreement	8/22/2005
BellSouth Telecommunications, LLC d/b/a AT&T NORTH CAROLINA	ACN Communication Services, LLC		251/252 Interconnection Agreement	6/11/2003
Nevada Bell Telephone Company d/b/a AT&T NEVADA and AT&T Wholesale	ACN Communication Services, LLC		251/252 Interconnection Agreement	3/11/2004
The Ohio Bell Telephone Company d/b/a AT&T OHIO	ACN Communication Services, Inc.	ACN Communication Services, LLC	251/252 Interconnection Agreement	11/12/2002
Southwestern Bell Telephone Company d/b/a AT&T OKLAHOMA	ACN Communication Services, LLC		251/252 Interconnection Agreement	12/28/2009
BellSouth Telecommunications, LLC d/b/a AT&T SOUTH CAROLINA	ACN Communication Services, LLC		251/252 Interconnection Agreement	1/17/2004
BellSouth Telecommunications, LLC d/b/a AT&T TENNESSEE	ACN Communication Services, LLC		251/252 Interconnection Agreement	6/11/2003

AT&T ILEC ("AT&T")	CLEC Previous Name with State Utilities Commission	CLEC Corrected Legal Name with State Utilities Commission	Contract Type	Effective Date
Southwestern Bell Telephone Company d/b/a AT&T TEXAS	ACN Communication Services, LLC		251/252 Interconnection Agreement	9/22/2005
Wisconsin Bell, Inc. d/b/a AT&T WISCONSIN	ACN Communication Services, LLC		251/252 Interconnection Agreement	2/19/2004