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> DOUGLAS F. BRENT 502-568-5734 brent@skp.com

June 23, 2004



PARK

JUN 3 2004

PUBLIC SERVICE COMMISSION

Ms. Elizabeth O'Donnell Executive Director Public Service Commission P.O. Box 615 Frankfort, KY 40602

Case 2004-00259

RE: Covad's Petition for Arbitration with BellSouth

Dear Ms. O'Donnell:

Please find enclosed the original and 4 copies of DIECA Communications, Inc.'s. (d/b/a Covad Communications Company) Petition for Arbitration with BellSouth Telecommunications, Inc. This petition is being served on local counsel for BellSouth and pursuant to the notice requirements of the existing interconnection agreement between Covad and BellSouth.

Please return one "FILED" stamped copy of this letter in the enclosed envelope.

Sincerely,

Douglas F. Brent

Enc.

Cc: Ms. Dorothy Chambers

RECEIVED

JUH 2 3 2004

COMMONWEALTH OF KENTUCKY BEFORE THE PUBLIC SERVICE COMMISSION

PUBLIC BERVICE COMMISSION

PETITION OF DIECA COMMUNICATIONS, INC.)d/b/a COVAD COMMUNICATIONS COMPANY)FOR ARBITRATION OF INTERCONNECTION)AGREEMENT AMENDMENT WITH BELLSOUTH)TELECOMMUNICATIONS INC. PURSUANT TO)SECTION 252(b) OF THE)TELECOMMUNICATIONS ACT OF 1996)

Case No. 2004-00 259

PETITION FOR ARBITRATION

NOW COMES, DIECA Communications, Inc., d/b/a Covad Communications Company

("Covad") and respectfully submits this Petition for Arbitration in accordance with Section 12

and 16 of the Parties' Interconnection Agreement, 47 U.S.C. § 252 and KRS § 278.040.

Communications regarding this Petition should be directed to:

Charles E. (Gene) Watkins Covad Communications 1230 Peachtree Street, N.E. Atlanta, GA 30309 404-942-3492 gwatkins@covad.com

and

σ.

C. Kent Hatfield Douglas F. Brent Stoll, Keenon & Park, LLP 2650 AEGON Center 400 W. Market Street Louisville, Kentucky 40202 (502) 568-9100 brent@skp.com

DIECA Communications, Inc. d/b/a Covad Communications Company ("Covad") respectfully requests that the Kentucky Public Service Commission ("Commission") resolve one important open issue resulting from the interconnection negotiations between Covad and BellSouth Telecommunications, Inc. ("BellSouth") (BellSouth and Covad are collectively

referred to herein as the "Parties"). Covad requests that the Commission resolve the issue designated herein by ordering the Parties to amend their interconnection agreement to incorporate Covad's position. This Petition includes: (1) the General Terms and Conditions and Attachment 2 to the Parties' current interconnection agreement (Attachment A) (the entire interconnection agreement is on file with the Commission); (2) The disputed issue for which Covad seeks Commission resolution, with the position of the Parties on the issue and reference to the applicable section of the agreement (Attachment B); and (3) a matrix depicting the suggested language of Covad and BellSouth on the disputed issue (the "Proposed Language Matrix") (Attachment C).

PARTIES

- DIECA Communications, Inc. d/b/a Covad Communications Company is a Virginia corporation and a wholly-owned subsidiary of Covad Communications Group, Inc., a publicly traded corporation formed under the laws of the state of Delaware. DIECA d/b/a Covad is a telecommunications carrier authorized to provide telecommunications services in the State of Kentucky.
- 2. BellSouth Telecommunications, Inc. is a corporation organized and formed under the laws of the State of Georgia. BellSouth is a certificated local exchange and intraLATA interexchange carrier and currently provides local service, intraLATA service and other services within its certificated areas in Kentucky. BellSouth is an incumbent local exchange carrier ("ILEC") in Kentucky as defined by Section 251(h) of the Act. 47 U.S.C. §251(h). BellSouth is also a Bell operating company ("RBOC") as defined by 47 U.S.C. §153 and 274(i)(3). Within its operating territory, BellSouth has been

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the incumbent local exchange provider of telephone exchange services at all relevant times.

JURISDICTION

- 3. This Commission has jurisdiction over Covad's Petition pursuant to sections 12 and 16 of the Parties' Interconnection Agreement ("Agreement"). Attachment A, Sections 12 and 16. The Commission also has jurisdiction over Covad's Petition pursuant to 47 U.S.C. § 252 as well as KRS §278.040. On December 4, 2003, BellSouth provided Covad with proposed amendments to the Parties' Agreement related to the Federal Communications Commission's Triennial Review Order pursuant to Section 16.3, the change of law provision, of the Parties' Agreement. In thirty-two (32) separate paragraphs and an Exhibit containing rates BellSouth's proposed amendments to Attachment 2 of the Agreement related to line sharing rates, terms and conditions. On April 16, 2004, Covad provided BellSouth with its counter-proposal regarding amendments related to line sharing rates, terms and conditions.
- 4. Section 16 of the Agreement provides that in the event that proposed amendments to implement changes in law are not renegotiated within ninety (90) days after a party requests such a negotiation, the dispute shall be referred to the Dispute Resolution procedure set forth in the Agreement. Section 12, entitled Resolution of Disputes, provides that in the event that there is a dispute, "either Party may petition the Commission for a resolution of the

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dispute." Accordingly, Covad respectfully petitions the Commission to resolve the Parties' dispute over access to line sharing.

STANDARD OF REVIEW

5. This arbitration must be resolved by the standards established in Sections 201, 202, 252 and 271 of the Act and the effective rules adopted by the Federal Communications Commission ("FCC"). The Commission may also, under its own state law authority, impose requirements pursuant to Section 252(e)(3) of the Act, as long as such requirements are consistent with the Act. 47 USC § 252(e)(3).

ISSUES IN DISPUTE

- 6. While BellSouth proposed numerous changes to the Parties Interconnection Agreement in its December 4, 2003 proposed TRO amendment, Covad and BellSouth have only exchanged proposed language regarding line sharing. Moreover, many of the changes proposed by BellSouth were reversed and/or vacated by the March 2, 2004 decision of the United States District Court of Appeals for the District of Columbia Circuit. Line sharing, however, was not one of the issues reversed or vacated. As a consequence, Covad only seeks Commission resolution as to a single open issue: line sharing, as set forth in Attachments B and C to this Arbitration Petition. Attachment B includes a short description of the issue, assigns the issue a number, sets forth the position of Covad and BellSouth, and identifies the section(s) of the Interconnection Agreement which are affected.
- Attachment C to this Petition is the Proposed Language Matrix, which depicts the proposed language of Covad and BellSouth on the disputed issue.

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RELIEF REQUESTED

WHEREFORE, Covad respectfully requests that the Commission arbitrate the open issue identified in this Petition in accordance with Sections 201, 202, 252 and 271 of the Federal Telecommunications Act of 1996, and adopt the positions of Covad as set forth therein, and require the Parties amend their Interconnection Agreement to incorporate and adopt the specific terms and contract language proposed by Covad, which are identified in the Proposed Language Matrix (Attachment C).

Covad further requests that the Commission order the Parties to file on a date certain an amended Interconnection Agreement (between Covad and BellSouth), incorporating the Commission's decision as described above, for approval by the Commission pursuant to Section 252(e) of the Act.

CONCLUSION

For all the foregoing reasons, Covad respectfully requests this Commission resolve the issue identified in favor of Covad and by approving the attached proposed interconnection agreement.

Respectfully submitted,

Charles E. Watkins Covad Communications 1230 Peachtree Street 19th Floor Atlanta, Georgia 30309 (404) 942-3492 C. Kent Hatfield Douglas F. Brent Stoll, Keenon & Park, LLP 2650 AEGON Center 400 W. Market Street Louisville, Kentucky 40202 (502) 568-9100

COUNSEL FOR DIECA COMMUNICATIONS, INC.

CERTIFICATE OF SERVICE

A copy of the foregoing was served this 23rd day of June, 2004, by first class, United States mail, postage prepaid, upon the parties listed below.

Douglas F. Brent

Honorable Dorothy Chambers General Counsel - Kentucky BellSouth Telecommunications, Inc. 601 West Chestnut Street, Room 407 P. O. Box 32410 Louisville, Kentucky 40232

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

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

ATTACHMENT A

General Terms and Conditions and Attachment 2 of the

Interconnection Agreement by and between BellSouth Telecommunications, Inc. and DIECA

Communications, Inc. d/b/a Covad Communications Company, dated December 19, 2001.

AGREEMENT

THIS AGREEMENT is made by and between BellSouth Telecommunications, Inc., ("BellSouth"), a Georgia corporation, and DIECA Communications, Inc. d/b/a Covad Communications Company ("Covad"), a Virginia corporation, and shall be deemed effective as of the date of the last signature of both Parties ("Effective Date"). This Agreement may refer to either BellSouth or Covad or both as a "Party" or "Parties."

WITNESSETH

WHEREAS, BellSouth is a local exchange telecommunications company authorized to provide telecommunications services in the states of Alabama, Florida, Georgia, Kentucky, Louisiana, Mississippi, North Carolina, South Carolina and Tennessee; and

WHEREAS, Covad is or seeks to become a competitive local exchange carrier ("CLEC") authorized to provide telecommunications services in the states of Alabama, Florida, Georgia, Kentucky, Louisiana, Mississippi, North Carolina, South Carolina, and Tennessee; and

WHEREAS, Covad wishes to purchase unbundled network elements and other services from BellSouth, resell BellSouth's telecommunications services, and/or the Parties wish to interconnect their facilities and exchange traffic pursuant to sections 251 and 252 of the Act.

NOW THEREFORE, in consideration of the mutual agreements contained herein, BellSouth and Covad agree as follows:

1. Definitions

Affiliate is defined as a person that (directly or indirectly) owns or controls, is owned or controlled by, or is under common ownership or control with, another person. For purposes of this paragraph, the term "own" means to own an equity interest (or equivalent thereof) of more than 10 percent.

Commission is defined as the appropriate regulatory agency in each of BellSouth's nine state region, Alabama, Florida, Georgia, Kentucky, Louisiana, Mississippi, North Carolina, South Carolina, and Tennessee.

Competitive Local Exchange Carrier (CLEC) means a telephone company certificated by the Commission to provide local exchange service within BellSouth's franchised area.

End User means the ultimate user of the Telecommunications Service.

FCC means the Federal Communication Commission.

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Telecommunications means the transmission, between or among points specified by the user, of information of the user's choosing, without change in the form or content of the information as sent and received.

Telecommunications Service means the offering of telecommunications for a fee directly to the public, or to such classes of users as to be effectively available directly to the public, regardless of the facilities used.

Telecommunications Act of 1996 ("Act") means Public Law 104-104 of the United States Congress effective February 8, 1996. The Act amended the Communications Act of 1934 (47, U.S.C. Section 1 et. seq.).

Purpose 2.

This Agreement sets forth the terms and conditions under which Covad will obtain services and unbundled network elements from BellSouth to provide telecommunications services to Covad customers within the territory of BellSouth. BellSouth will provide Covad with the functionalities of unbundled network elements so that Covad can provide any telecommunications service that can be offered by means of the unbundled elements as described in Attachment 2.

2.1 **Term of the Agreement**

- The term of this Agreement shall be three years, and shall apply to the state(s) of 2.2 Alabama, Florida, Georgia, Kentucky, Louisiana, Mississippi, North Carolina, South Carolina and Tennessee. This Agreement shall become effective on the date the last party executes the Agreement. (12/19/2001)
- The Parties agree that by no later than one hundred and eighty (180) days prior to 2.3 the expiration of this Agreement, they shall commence negotiations for a new agreement ("Subsequent Agreement"). If as of the expiration of this Agreement, a Subsequent Agreement has not been executed by the Parties, then except as set forth in Section 2.4.2 below, this Agreement shall continue on a month-to-month basis while a Subsequent Agreement is being negotiated. The Parties' rights and obligations with respect to this Agreement after expiration shall be as set forth in Section 2.4 below.

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If, within one hundred and thirty-five (135) days of commencing the negotiation referred to in Section 2.3 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. In the event the Commission does not issue its order prior to the expiration date of this Agreement, or if the Parties continue beyond the expiration date of this Agreement to negotiate the Subsequent Agreement without Commission intervention, the terms, conditions and prices ultimately ordered by the Commission, or negotiated by the Parties, will be effective on the date the last party executes the Agreement. Until the Subsequent Agreement becomes effective, the Parties shall continue to exchange traffic and BellSouth shall continue to provide Covad unbundled network elements and services for resale pursuant to the terms and conditions of this Agreement, except as provided in 2.4.1 and 2.4.2.

In the event that as of the date of expiration of this Agreement and conversion of this Agreement to a month-to-month term, the Parties have not entered into a Subsequent Agreement and no arbitration proceeding has been filed in accordance with Section 2.4 above, then either Party may terminate this Agreement upon sixty (60) days notice to the other Party. In the event that BellSouth terminates this Agreement as provided above, BellSouth shall continue to offer services to Covad pursuant to the terms, conditions and rates set forth in BellSouth's Statement of Generally Available Terms (SGAT) to the extent an SGAT has been approved by the applicable Commission(s). If any state Commission has not approved a BellSouth SGAT, then upon BellSouth's termination of this Agreement as provided herein, BellSouth will continue to provide services to Covad pursuant to BellSouth's then current standard interconnection agreement. In the event that the SGAT or BellSouth's standard interconnection agreement becomes effective as between the Parties, the Parties may continue to negotiate a Subsequent Agreement, and the terms of such Subsequent Agreement shall be effective as of the date of execution.

- 2.4.2 Notwithstanding Section 2.4 above, in the event that as of the date of expiration of this Agreement the Parties have not entered into a Subsequent Agreement and (1) no arbitration proceeding has been filed in accordance with Section 2.3 above, and (2) Covad either is not certified as a CLEC in any particular state to which this Agreement applies or has not ordered any services under this Agreement as of the date of expiration, then this Agreement shall not continue on a month to month basis but shall be deemed terminated as of the expiration date hereof.
- 2.4.3 The Parties may negotiate changes in section 2 as necessary.
- 3. OSS

Covad shall, where appropriate, pay charges for Operational Support Systems (OSS).

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2.4

2.4.1

Parity

When Covad purchases, pursuant to Attachment 1 of this Agreement, telecommunications services from BellSouth for the purposes of resale to end users, BellSouth shall provide said services so that the services are equal in quality, subject to the same conditions, and provided within the same provisioning time intervals that BellSouth provides to its affiliates, subsidiaries and end users. For resale purposes, BellSouth will provide Covad with pre-ordering, ordering, maintenance, and trouble reporting, and daily usage data functionality that will enable Covad to provide equivalent levels of customer service to its customers and end users as BellSouth provides to its own customers and end users. When Covad purchases unbundled network elements from BellSouth, to the extent technically feasible, the quality of a Network Element, as well as the quality of the access to such Network Element provided by BellSouth to Covad shall be at least equal in quality to that which BellSouth provides to itself, its affiliates or any other telecommunications carrier. The quality of the interconnection between the networks of BellSouth and the network of Covad shall be at a level that is equal to that which BellSouth provides itself, a subsidiary, an Affiliate, or any other party. The interconnection facilities shall be designed to meet the same technical criteria and service standards that are used within BellSouth's network and shall extend to a consideration of service quality as perceived by end users and service quality as perceived by Covad.

5. White Pages Listings

- 5.1 BellSouth shall provide Covad and their customers access to white pages directory listings under the following terms:
- 5.2. <u>Listings</u>. Covad shall provide all new, changed and deleted listings on a timely basis and BellSouth or its agent will include Covad residential and business customer listings in the appropriate White Pages (residential and business) or alphabetical directories. Directory listings will make no distinction between Covad and BellSouth subscribers.
- 5.2.1 <u>Rates.</u> So long as Covad provides subscriber listing information to BellSouth in accordance with Section 5.3 below, BellSouth shall provide to Covad one (1) primary White Pages listing per Covad subscriber at no charge other than applicable service order charges as set forth in BellSouth's tariffs.
- 5.3 Procedures for Submitting Covad Subscriber Information are found in BellSouth's Ordering Guide for manually processed listings and in the Local Exchange Ordering Guide for mechanically submitted listings.
- 5.3.1 Notwithstanding any provision(s) to the contrary, Covad shall provide to BellSouth, and BellSouth shall accept, Covad's Subscriber Listing Information

4.

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(SLI) relating to Covad's customers in the geographic area(s) covered by this Interconnection Agreement. Covad authorizes BellSouth to release all such Covad SLI provided to BellSouth by Covad to qualifying third parties via either license agreement or BellSouth's Directory Publishers Database Service (DPDS), General Subscriber Services Tariff, Section A38.2, as the same may be amended from time to time. Such CLEC SLI shall be intermingled with BellSouth's own customer listings and listings of any other CLEC that has authorized a similar release of SLI. Where necessary, BellSouth will use good faith efforts to obtain state commission approval of any necessary modifications to Section A38.2 of its tariff to provide for release of third party directory listings, including modifications regarding listings to be released pursuant to such tariff and BellSouth's liability thereunder. BellSouth's obligation pursuant to this Section shall not arise in any particular state until the commission of such state has approved modifications to such tariff.

- 5.3.2 No compensation shall be paid to Covad for BellSouth's receipt of Covad SLI, or for the subsequent release to third parties of such SLI. In addition, to the extent BellSouth incurs costs to modify its systems to enable the release of Covad's SLI, or costs on an ongoing basis to administer the release of Covad SLI, Covad shall pay to BellSouth its proportionate share of the reasonable costs associated therewith.
- 5.3.3 BellSouth shall not be liable for the content or accuracy of any SLI provided by Covad under this Agreement. Covad shall indemnify, hold harmless and defend BellSouth from and against any damages, losses, liabilities, demands claims, suits, judgments, costs and expenses (including but not limited to reasonable attorneys' fees and expenses) arising from BellSouth's tariff obligations or otherwise and resulting from or arising out of any third party's claim of inaccurate Covad listings or use of the SLI provided pursuant to this Agreement. BellSouth may forward to Covad any complaints received by BellSouth relating to the accuracy or quality of Covad listings.
- 5.3.4 Listings and subsequent updates will be released consistent with BellSouth system changes and/or update scheduling requirements.
- 5.4 <u>Unlisted/Non-Published Subscribers</u>. Covad will be required to provide to BellSouth the names, addresses and telephone numbers of all Covad customers that wish to be omitted from directories.
- 5.5 <u>Inclusion of Covad Customers in Directory Assistance Database</u>. BellSouth will include and maintain Covad subscriber listings in BellSouth's Directory Assistance databases at no recurring charge and Covad shall provide such Directory Assistance listings at no recurring charge. BellSouth and Covad will formulate appropriate procedures regarding lead-time, timeliness, format and content of listing information.

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- 5.6 <u>Listing Information Confidentiality</u>. BellSouth will accord Covad's directory listing information the same level of confidentiality that BellSouth accords its own directory listing information, and BellSouth shall limit access to Covad's customer proprietary confidential directory information to those BellSouth employees who are involved in the preparation of listings.
- 5.7 <u>Optional Listings</u>. Additional listings and optional listings will be offered by BellSouth at tariffed rates as set forth in the General Subscriber Services Tariff.
- 5.8 <u>Delivery.</u> BellSouth or its agent shall deliver White Pages directories to Covad subscribers at no charge or as specified in a separate BAPCO agreement.

6. Bona Fide Request/New Business Request Process for Further Unbundling

- 6.1 BellSouth shall, upon request of Covad, provide to Covad access to its network elements at any technically feasible point for the provision of Covad's telecommunications service where such access is necessary and failure to provide access would impair the ability of Covad to provide services that it seeks to offer. Any request by Covad for access to a network element, interconnection option, or for the provisioning of any service or product that is not already available shall be treated as a Bona Fide Request/New Business Request, and shall be submitted to BellSouth pursuant to the Bona Fide Request/New Business Request process set forth in Exhibit 1 hereto.
 - Covad shall submit any Bona Fide Request/New Business Request in writing to Covad's Account Manager. The BFR/NBR shall specifically identify the requested service date, technical requirements, space requirements and/or such specifications that clearly define the request such that BellSouth has sufficient information to analyze and prepare a response. The BFR/NBR also shall include Covad's designation of the request as being (i) pursuant to the Telecommunications Act of 1996 or (ii) pursuant to the needs of the business.

Court Ordered Requests for Call Detail Records and Other Subscriber Information

<u>Subpoenas Directed to BellSouth</u>. Where BellSouth provides resold services or local switching for Covad, BellSouth shall respond to subpoenas and court ordered requests delivered directly to BellSouth for the purpose of providing call detail records when the targeted telephone numbers belong to Covad end users. Billing for such requests will be generated by BellSouth and directed to the law enforcement agency initiating the request. BellSouth shall maintain such information for Covad end users for the same length of time it maintains such information for its own end users.

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- 7.2 <u>Subpoenas Directed to Covad</u>. Where BellSouth is providing to Covad telecommunications services for resale or providing to Covad the local switching function, then Covad agrees that in those cases where Covad receives subpoenas or court ordered requests regarding targeted telephone numbers belonging to Covad end users, and where Covad does not have the requested information, Covad will advise the law enforcement agency initiating the request to redirect the subpoena or court ordered request to BellSouth for handling in accordance with 7.1 above.
- 7.3 In all other instances, where either Party receives a request for information involving the other Party's end user, the Party receiving the request will advise the law enforcement agency initiating the request to redirect such request to the other Party.

8. Liability and Indemnification

- 8.1 <u>Covad Liability</u>. In the event that Covad consists of two (2) or more separate entities as set forth in this Agreement and/or any Amendments hereto, all such entities shall be jointly and severally liable for the obligations of Covad under this Agreement.
- 8.2 <u>Liability for Acts or Omissions of Third Parties</u>. BellSouth shall not be liable to Covad for any act or omission of another telecommunications company providing services to Covad.
- 8.3 Limitation of Liability

8.3.1 Liability Cap

8.3.1.1 With respect to any claim or suit, whether based in contract, tort or any other theory of legal liability, by Covad, any Covad customer or by any other person or entity, for damages associated with any of the services provided by BellSouth pursuant to or in connection with this Agreement, including but not limited to the installation, provision, preemption, termination, maintenance, repair or restoration of service, and subject to the provisions of the remainder of this Section. BellSouth's liability shall be limited to an amount equal to the proportionate charge for the service provided pursuant to this Agreement for the period during which the service was affected. Notwithstanding the foregoing, claims for damages from the gross negligence or willful misconduct of BellSouth and claims for damages by Covad resulting from the failure of BellSouth to honor in one or more material respects any one or more of the material provisions of this Agreement shall not be subject to such limitation of liability. Covad acknowledges that, to the extent BellSouth's obligations hereunder involve provisioning elements and services within any particular interval, BellSouth may not be able to meet such intervals 100% of the time. Covad bears the burden of showing that the number or percentage of intervals missed by BellSouth constitutes a material breach of this Agreement pursuant to applicable law. Any damages found payable to Covad

under this Section shall be reduced by the amount of any performance penalties for the same occurrence payable to Covad under this Agreement.

8.3.1.2 With respect to any claim or suit, whether based in contract, tort or any other theory of legal liability, by BellSouth, any BellSouth customer or by any other person or entity, for damages associated with any of the services provided by Covad pursuant to or in connection with this Agreement, including but not limited to the installation, provision, preemption, termination, maintenance, repair or restoration of service, and subject to the provisions of the remainder of this Section, Covad's liability shall be limited to an amount equal to the proportionate charge for the service provided pursuant to this Agreement for the period during which the service was affected. Notwithstanding the foregoing, claims for damages from the gross negligence or willful misconduct of Covad and claims for damages by BellSouth resulting from the failure of Covad to honor in one or more material respects any one or more of the material provisions of this Agreement shall not be subject to such limitation of liability.

8.3.2 Neither Party shall be liable for any act or omission of any other telecommunications company to the extent such other telecommunications company provides a portion of a service.

- 8.3.3 Neither Party shall be liable for damages to the other Party's terminal location, Interconnection Point or the other Party's customers' premises resulting from the furnishing of a service, including but not limited to the installation and removal of equipment and associated wiring, except to the extent the damage is caused by such Party's gross negligence or willful misconduct, or by a Party's failure properly to ground a local loop after disconnection using sound engineering principles.
- The Party providing services under this Agreement, its affiliates and its parent company 8.3.4 shall be indemnified, defended and held harmless by the Party receiving such services against any claim, loss or damage arising from the receiving Party's use of the services provided under this Agreement, involving: 1) claims for libel, slander, invasion of privacy or copyright infringement arising from the content of the receiving Party's own communications; 2) any claim, loss, or damage claimed by the receiving Party's customer(s) arising from such customer's use of any service, including 911/E911, that the customer has obtained from the receiving Party and that the receiving Party has obtained from the supplying Party under this Agreement; or 3) all other claims arising out of an act or omission of the receiving Party in the course of using services provided pursuant to this Agreement. Notwithstanding the foregoing, to the extent that a claim, loss or damage is caused by the gross negligence or willful misconduct of a supplying Party the receiving Party shall have no obligation to indemnify, defend and hold harmless the supplying Party hereunder. Nothing herein is intended to modify or alter in any way the indemnification obligations set forth in Section 9, supra, relating to intellectual property infringement.

General Terms and Conditions Page 9

8.3.5 Neither Party guarantees or makes any warranty with respect to its services when used in an explosive atmosphere. Each Party shall be indemnified, defended and held harmless by the other Party or the other Party's customer from any and all claims by any person relating to the other Party or the other Party's customer's use of services so provided.

Promptly after receipt of notice of any claim or the commencement of any action for which a Party may seek indemnification pursuant to this Section, such Party (the "Indemnified Party") shall promptly give written notice to the other Party (the "Indemnifying Party") of such claim or action, but the failure to so notify the Indemnifying Party shall not relieve the Indemnifying Party of any liability it may have to the Indemnified Party except to the extent the Indemnifying Party has actually been prejudiced thereby. The Indemnifying Party shall be obligated to assume the defense of such claim, at its own expense. The Indemnified Party shall cooperate with the Indemnifying Party's reasonable request for assistance or information relating to such claim, at the Indemnifying Party's expense. The Indemnified Party shall have the right to participate in the investigation and defense of such claim or action, with separate counsel chosen and paid for by the Indemnified Party. Unless the Indemnified Party chooses to waive its rights to be indemnified further in any claim or action, the Indemnified Party's counsel shall not interfere with the defense strategy chosen by the Indemnifying Party and its counsel, and the Indemnified Party when such course of action in representation of the Indemnified Party's counsel shall not raise any claims, defenses, or objections or otherwise take a course of action in representation of the Indemnified Party when such course of action might be in conflict with a course of action or inaction chosen by the Indemnifying Party. The Indemnifying Party is not liable under this Section 8 for settlements or compromises by the Indemnified Party of any claim, demand, or lawsuit unless the Indemnifying Party ahs approved the settlement or compromise in advance or unless the Indemnified Party has tendered the defense of the claim, demand, or lawsuit to the Indemnifying Party in writing and the Indemnifying Party has failed to promptly undertake the defense.

8.4 Both Parties agree that they, at their own cost and expense, shall maintain throughout the term of this Agreement, all insurance required by law or required under this Agreement, and may at their own cost and expense purchase insurance or self-insure for their employer, public, professional and legal liabilities. No limit of liability on any policy, no program or self-insurance, nor any failure to maintain adequate insurance coverage shall limit the direct or indirect liability of either Party.

8.5 Disclaimer. EXCEPT AS SPECIFICALLY PROVIDED TO THE CONTRARY IN THIS AGREEMENT, NEITHER PARTY MAKES ANY REPRESENTATIONS OR WARRANTIES TO THE OTHER PARTY CONCERNING THE SPECIFIC QUALITY OF ANY SERVICES, OR FACILITIES PROVIDED UNDER THIS AGREEMENT. EXCEPT AS SPECIFICALLY PROVIDED TO THE CONTRARY THE PARTIES DISCLAIM, WITHOUT LIMITATION, ANY WARRANTY OR GUARANTEE

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8.3.6

OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ARISING FROM COURSE OF PERFORMANCE, COURSE OF DEALING, OR FROM USAGES OF TRADE.

9. Intellectual Property Rights and Indemnification

<u>No License</u>. No patent, copyright, trademark or other proprietary right is licensed, granted or otherwise transferred by this Agreement. Covad is strictly prohibited from any use, including but not limited to in sales, in marketing or advertising of telecommunications services, of any BellSouth name, service mark or trademark. Notwithstanding the foregoing, Covad may use BellSouth's name solely in response to inquiries of customers or potential customers regarding the source of the underlying service or the identity of repair or service technicians under this Agreement.

<u>Ownership of Intellectual Property</u>. Any intellectual property which originates from or is developed by a Party shall remain the exclusive property of that Party. Except for a limited license to use patents or copyrights to the extent necessary for the Parties to use any facilities or equipment (including software) or to receive any service solely as provided under this Agreement, no license in patent, copyright, trademark or trade secret, or other proprietary or intellectual property right now or hereafter owned, controlled or licensable by a Party, is granted to the other Party or shall be implied or arise by estoppel. It is the responsibility of each Party to ensure at no additional cost to the other Party that it has obtained any necessary licenses in relation to intellectual property of third Parties used in its network that may be required to enable the other Party to use any facilities or equipment (including software), to receive any service, or to perform its respective obligations under this Agreement.

<u>Indemnification</u>. The Party providing a service pursuant to this Agreement will defend the Party receiving such service or data provided as a result of such service against claims of infringement arising solely from the use by the receiving Party of such service in the manner contemplated under this Agreement and will indemnify the receiving Party for any damages awarded based solely on such claims in accordance with Section 8 of this Agreement.

- 9.4 <u>Claim of Infringement</u>. In the event that use of any facilities or equipment (including software), becomes, or in the reasonable judgment of the Party who owns the affected network is likely to become, the subject of a claim, action, suit, or proceeding based on intellectual property infringement, then said Party shall promptly and at its sole expense and sole option, but subject to the limitations of liability set forth below:
- 9.4.1 modify or replace the applicable facilities or equipment (including software) while maintaining form and function, or

9.2

9.3

9.1

- 9.4.2 obtain a license sufficient to allow such use to continue.
- 9.4.3 In the event 9.4.1 or 9.4.2 are commercially unreasonable, then said Party may, terminate, upon reasonable notice, this contract with respect to use of, or services provided through use of, the affected facilities or equipment (including software), but solely to the extent required to avoid the infringement claim.
- 9.5 <u>Exception to Obligations</u>. Neither Party's obligations under this Section shall apply to the extent the infringement is caused by: (i) modification of the facilities or equipment (including software) by the indemnitee; (ii) use by the indemnitee of the facilities or equipment (including software) in combination with equipment or facilities (including software) not provided or authorized by the indemnitor, provided the facilities or equipment (including software) would not be infringing if used alone; (iii) conformance to specifications of the indemnitee which would necessarily result in infringement; or (iv) continued use by the indemnitee of the affected facilities or equipment (including software) after being placed on notice to discontinue use as set forth herein.
- 9.6 <u>Exclusive Remedy</u>. The foregoing shall constitute the Parties' sole and exclusive remedies and obligations with respect to a third party claim of intellectual property infringement arising out of the conduct of business under this Agreement.

10. Proprietary and Confidential Information

- 10.1 Proprietary and Confidential Information. It may be necessary for BellSouth and Covad, each as the "Discloser," to provide to the other party, as "Recipient," certain proprietary and confidential information (including trade secret information) including but not limited to technical, financial, marketing, staffing and business plans and information, strategic information, proposals, request for proposals, specifications, drawings, prices, costs, procedures, processes, business systems, software programs, techniques, customer account data, call detail records and like information (collectively the "Information"). All Information shall be provided to Recipient in written or other tangible or electronic form, clearly marked with a confidential and, proprietary notice . Information orally or visually provided to Recipient must be designated by Discloser as confidential and proprietary at the time of such disclosure and must be reduced to writing marked with a confidential and proprietary notice and provided to Recipient within thirty (30) calendar days after such oral or visual disclosure.
- 10.1.1 Each Party shall fully comply with all Customer Proprietary Network Information ("CPNI") and carrier information set forth in Section 222 of the Act and the FCC's rules and regulations implementing, or promulgated under, Section 222 of the Act.
- 10.2 <u>Use and Protection of Information</u>. Recipient shall use the Information solely for the purpose(s) of performing its obligations under this Agreement, and Recipient shall protect Information from any use, distribution or disclosure except as

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permitted hereunder. Recipient will use the same standard of care to protect Information as Recipient uses to protect its own similar confidential and proprietary information, but not less than a reasonable standard of care. Recipient may disclose Information solely to the Authorized Representatives of the Recipient who (a) have a substantive need to know such Information in connection with performance of the Agreement; (b) have been advised of the confidential and proprietary nature of the Information; and (c) have personally agreed in writing to protect from unauthorized disclosure all confidential and proprietary information, of whatever source, to which they have access in the course of their employment. "Authorized Representatives" are the officers, directors and employees of Recipient and its Affiliates, as well as Recipient's and its Affiliates' consultants, contractors, counsel and agents.

<u>Ownership, Copying & Return of Information.</u> Information remains at all times the property of Discloser. Recipient may make tangible or electronic copies, notes, summaries or extracts of Information only as necessary for use as authorized herein. All such tangible or electronic copies, notes, summaries or extracts must be marked with the same confidential and proprietary notice as appears on the original. Upon Discloser's request, all or any requested portion of the Information (including, but not limited to, tangible and electronic copies, notes, summaries or extracts of any information) will be destroyed and Recipient will provide Discloser with written certification stating that such Information has been destroyed.)

Exceptions. Discloser's Information does not include: (a) any information publicly disclosed by Discloser; (b) any information Discloser in writing authorizes Recipient to disclose without restriction; (c) any information already lawfully known to Recipient at the time it is disclosed by the Discloser, without an obligation to keep confidential; or (d) any information Recipient lawfully obtains from any source other than Discloser, provided that such source lawfully disclosed and/or independently developed such information. If Recipient is required to provide Information to any court or government agency pursuant to written court order, subpoena, regulation or process of law, Recipient must first provide Discloser to appropriately protect against or limit the scope of such disclosure. To the fullest extent permitted by law, Recipient will continue to protect as confidential and proprietary all Information disclosed in response to a written court order, subpoena, regulation or process of law.

10.5 <u>Equitable Relief.</u> Recipient acknowledges and agrees that any breach or threatened breach of this Section 10 is likely to cause Discloser irreparable harm for which money damages may not be an appropriate or sufficient remedy. Recipient therefore agrees that Discloser or its Affiliates, may be entitled to receive injunctive or other equitable relief to remedy or prevent any breach or threatened breach of this Section 10. Such remedy is not the exclusive remedy for any breach

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or threatened breach of this Section 10, but is in addition to all other rights and remedies available at law or in equity.

Survival of Confidentiality Obligations. The parties' rights and obligations under this Section 10 shall survive and continue in effect until two (2) years after the expiration or termination date of this Agreement with regard to all Information exchanged during the term of this Agreement. Thereafter, the parties' rights and obligations hereunder survive and continue in effect with respect to any Information that is a trade secret under applicable law.

11. Assignments

Any assignment by either Party to any non-affiliated entity of any right, obligation or duty, or of any other interest hereunder, in whole or in part, without the prior written consent of the other Party shall be void. A Party may assign this Agreement or any right, obligation, duty or other interest hereunder to an Affiliate of the Party without the consent of the other Party; provided, however, that the assigning Party shall notify the other Party in writing of such assignment thirty (30) days prior to the effective date thereof and, provided further, if the assignee is an assignee of Covad, the assignee must provide evidence of Commission CLEC certification. The Parties shall amend this Agreement to reflect such assignments and shall work cooperatively to implement any changes required due to such assignment. All obligations and duties of any Party under this Agreement shall be binding on all successors in interest and assigns of such Party. No assignment or delegation hereof shall relieve the assignor of its obligations under this Agreement in the event that the assignee fails to perform such obligations.

12. **Resolution of Disputes**

Except as otherwise stated in this Agreement, the Parties agree that if any dispute arises as to the interpretation of any provision of this Agreement or as to the proper implementation of this Agreement, either Party may petition the Commission for a resolution of the dispute. Each Party reserves any rights it may have to seek judicial review of any ruling made by the Commission concerning this Agreement.

13. Taxes

Definition. For purposes of this Section, the terms "taxes" and "fees" shall include 13.1 but not limited to federal, state or local sales, use, excise, gross receipts or other taxes or tax-like fees of whatever nature and however designated (including tariff surcharges and any fees, charges or other payments, contractual or otherwise, for the use of public streets or rights of way, whether designated as franchise fees or otherwise) imposed, or sought to be imposed, on or with respect to the services

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furnished hereunder or measured by the charges or payments therefore, excluding any taxes levied on income.

- 13.2 Taxes and Fees Imposed Directly On Either Providing Party or Purchasing Party.
- 13.2.1 Taxes and fees imposed on the providing Party, which are not permitted or required to be passed on by the providing Party to its customer, shall be borne and paid by the providing Party.
- 13.2.2 Taxes and fees imposed on the purchasing Party, which are not required to be collected and/or remitted by the providing Party, shall be borne and paid by the purchasing Party.
- 13.3 <u>Taxes and Fees Imposed on Purchasing Party But Collected And Remitted By</u> Providing Party.
- 13.3.1 Taxes and fees imposed on the purchasing Party shall be borne by the purchasing Party, even if the obligation to collect and/or remit such taxes or fees is placed on the providing Party.
- 13.3.2 To the extent permitted by applicable law, any such taxes and/or fees shall be shown as separate items on applicable billing documents between the Parties. Notwithstanding the foregoing, the purchasing Party shall remain liable for any such taxes and fees regardless of whether they are actually billed by the providing Party at the time that the respective service is billed.
- 13.3.3 If the purchasing Party determines that in its opinion any such taxes or fees are not payable, the providing Party shall not bill such taxes or fees to the purchasing Party if the purchasing Party provides written certification, reasonably satisfactory to the providing Party, stating that it is exempt or otherwise not subject to the tax or fee, setting forth the basis therefor, and satisfying any other requirements under applicable law. If any authority seeks to collect any such tax or fee that the purchasing Party has determined and certified not to be payable, or any such tax or fee that was not billed by the providing Party, the purchasing Party may contest the same in good faith, at its own expense. In any such contest, the purchasing Party shall promptly furnish the providing Party with copies of all filings in any proceeding, protest, or legal challenge, all rulings issued in connection therewith, and all correspondence between the purchasing Party and the taxing authority.
- 13.3.4 In the event that all or any portion of an amount sought to be collected must be paid in order to contest the imposition of any such tax or fee, or to avoid the existence of a lien on the assets of the providing Party during the pendency of such contest, the purchasing Party shall be responsible for such payment and shall be entitled to the benefit of any refund or recovery.

- 13.3.5 If it is ultimately determined that any additional amount of such a tax or fee is due to the imposing authority, the purchasing Party shall pay such additional amount, including any interest and penalties thereon.
- 13.3.6 Notwithstanding any provision to the contrary, the purchasing Party shall protect, indemnify and hold harmless (and defend at the purchasing Party's expense) the providing Party from and against any such tax or fee, interest or penalties thereon, or other charges or payable expenses (including reasonable attorney fees) with respect thereto, which are incurred by the providing Party in connection with any claim for or contest of any such tax or fee; provided, however, that this provision shall not apply to any interest, penalties, or other charges or payable expenses (including reasonable attorney fees) attributable to the providing Party's failure to timely remit any taxes or fees collected from the purchasing Party.
- 13.3.7 Each Party shall notify the other Party in writing of any assessment, proposed assessment or other claim for any additional amount of such a tax or fee by a taxing authority; such notice to be provided, if possible, at least ten (10) days prior to the date by which a response, protest or other appeal must be filed, but in no event later than thirty (30) days after receipt of such assessment, proposed assessment or claim.
- 13.4 Taxes and Fees Imposed on Providing Party But Passed On To Purchasing Party.
- 13.4.1 Taxes and fees imposed on the providing Party, which are permitted or required to be passed on by the providing Party to its customer, shall be borne by the purchasing Party.
- 13.4.2 To the extent permitted by applicable law, any such taxes and/or fees shall be shown as separate items on applicable billing documents between the Parties. Notwithstanding the foregoing, the purchasing Party shall remain liable for any such taxes and fees regardless of whether they are actually billed by the providing Party at the time that the respective service is billed.
- 13.4.3 If the purchasing Party disagrees with the providing Party's determination as to the application or basis for any such tax or fee, the Parties shall consult with respect to the imposition and billing of such tax or fee. Notwithstanding the foregoing, the providing Party shall retain ultimate responsibility for determining whether and to what extent any such taxes or fees are applicable, and the purchasing Party shall abide by such determination and pay such taxes or fees to the providing Party. The providing Party shall further retain ultimate responsibility for determining whether and how to contest the imposition of such taxes and fees; provided, however, that any such contest undertaken at the request of the purchasing Party shall be at the purchasing Party's expense.
- 13.4.4 In the event that all or any portion of an amount sought to be collected must be paid in order to contest the imposition of any such tax or fee, or to avoid the

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existence of a lien on the assets of the providing Party during the pendency of such contest, the purchasing Party shall be responsible for such payment and shall be entitled to the benefit of any refund or recovery.

- 13.4.5 If it is ultimately determined that any additional amount of such a tax or fee is due to the imposing authority, the purchasing Party shall pay such additional amount, including any interest and penalties thereon.
- 13.4.6 Notwithstanding any provision to the contrary, the purchasing Party shall protect indemnify and hold harmless (and defend at the purchasing Party's expense) the providing Party from and against any such tax or fee, interest or penalties thereon, or other reasonable charges or payable expenses (including reasonable attorney fees) with respect thereto, which are incurred by the providing Party in connection with any claim for or contest of any such tax or fee.
- 13.4.7 Each Party shall notify the other Party in writing of any assessment, proposed assessment or other claim for any additional amount of such a tax or fee by a taxing authority; such notice to be provided, if possible, at least ten (10) days prior to the date by which a response, protest or other appeal must be filed, but in no event later than thirty (30) days after receipt of such assessment, proposed assessment or claim.
- 13.5 <u>Mutual Cooperation</u>. In any contest of a tax or fee by one Party, the other Party shall cooperate fully by providing records, testimony and such additional information or assistance as may reasonably be necessary to pursue the contest. Further, the other Party shall be reimbursed for any reasonable and necessary outof-pocket copying and travel expenses incurred in assisting in such contest.

14. Force Majeure

In the event performance of this Agreement, or any obligation hereunder, is either 14.1 directly or indirectly prevented, restricted, or interfered with by reason of fire, flood, earthquake or like acts of God, wars, revolution, civil commotion, explosion, acts of public enemy, embargo, acts of the government in its sovereign capacity, labor difficulties, including without limitation, strikes, slowdowns, picketing, or boycotts, unavailability of equipment from vendor, changes requested by Customer, or any other circumstances beyond the reasonable control and without the fault or negligence of the Party affected, the Party affected, upon giving prompt notice to the other Party, shall be excused from such performance on a day-to-day basis to the extent of such prevention, restriction, or interference (and the other Party shall likewise be excused from performance of its obligations on a day-to-day basis until the delay, restriction or interference has ceased); provided however, that the Party so affected shall use diligent efforts to avoid or remove such causes of non-performance and both Parties shall proceed whenever such causes are removed or cease. BellSouth understands that its obligation to

provide Covad with nondiscriminatory access to unbundled network elements is not altered by a work stoppage, strike or other labor problem.

15. Adoption of Agreements

BellSouth shall make available without unreasonable delay to Covad any individual interconnection, service, or network element arrangement contained in any agreement to which it is a party that is approved by a state commission pursuant to section 252 of the Act, upon the same rates, terms and conditions as those provided in the agreement. If BellSouth believes that it is no longer reasonable to allow Covad to opt into a particular agreement because of changes in technology or pricing or for any other reason, BellSouth may petition the Commission requesting that Covad not be allowed to opt-in.

16. Modification of Agreement

- 16.1 If Covad changes its name or makes changes to its company structure or identity due to a merger, acquisition, transfer or any other reason, it is the responsibility of Covad to notify BellSouth of said change and request that an amendment to this Agreement, if necessary, be executed to reflect said change.
- 16.2 No modification, amendment, supplement to, or waiver of the Agreement or any of its provisions shall be effective and binding upon the Parties unless it is made in writing and duly signed by the Parties.
- 16.3 In the event that any effective legislative, regulatory, judicial or other legal action materially affects any material terms of this Agreement, or the ability of Covad or BellSouth to perform any material terms of this Agreement, Covad or BellSouth may, on thirty (30) days' written notice require that such terms be renegotiated, and the Parties shall renegotiate in good faith such mutually acceptable new terms as may be required. In the event that such new terms are not renegotiated within ninety (90) days after such notice, the Dispute shall be referred to the Dispute Resolution procedure set forth in this Agreement.
- 16.4 Notwithstanding anything to the contrary in this Agreement, this Agreement shall not be amended or modified after the expiration date hereof as set forth in Section 2 above.

17. Non-waiver of Legal Rights

Execution of this Agreement by either Party does not confirm or infer that the executing Party agrees with any decision(s) issued pursuant to the Telecommunications Act of 1996 and the consequences of those decisions on specific language in this Agreement. Neither Party waives its rights to appeal or otherwise challenge any such

decision(s) and each Party reserves all of its rights to pursue any and all legal and/or equitable remedies, including appeals of any such decision(s).

18. Severability

If any provision of this Agreement, or the application of such provision to either Party or circumstance, shall be held invalid, the remainder of the Agreement, or the application of any such provision to the Parties or circumstances other than those to which it is held invalid, shall not be affected thereby, provided that the Parties shall attempt to reformulate such invalid provision to give effect to such portions thereof as may be valid without defeating the intent of such provision.

19. Waivers

A failure or delay of either Party to enforce any of the provisions hereof, to exercise any option which is herein provided, or to require performance of any of the provisions hereof shall in no way be construed to be a waiver of such provisions or options, and each Party, notwithstanding such failure, shall have the right thereafter to insist upon the performance of any and all of the provisions of this Agreement.

20. Governing Law

This Agreement shall be governed by, and construed and enforced in accordance with, the laws of the State of Georgia, without regard to its conflict of laws principles.

21. Notices

 Every notice, consent, approval, or other communications required or contemplated by this Agreement shall be in writing and shall be delivered by hand, by overnight courier or by US mail postage prepaid, address to:

BellSouth Telecommunications, Inc.

Account Team 600 North 19th Street Birmingham, Alabama 35203

and

General Attorney - COU Suite 4300 675 W. Peachtree St. Atlanta, GA 30375

* This section was amended pursuant to an Amendment to the IA dated Jan. 02,2003. Please see Amendment immediately following for current notice Version 2000:8/29/00 provisions.

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Dhruv Khanna Executive Vice President and General Counsel Covad Communications Company 3420 Central Expressway Santa Clara, CA 95054

and

Catherine F. Boone Senior Counsel Covad Communications Company 10 Glealake Parkway, Suite 130 Atlanta, GA 30328

or at such other address as the intended recipient previously shall have designated by written notice to the other Party.

- 21.2 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.
- 21.3 Notwithstanding the foregoing, BellSouth may provide Covad notice via Internet posting of price changes, changes to the terms and conditions of services available for resale, changes to business processes and policies, notices of new service offerings, and changes to service offerings 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.

22. Headings of No Force or Effect

The headings of Articles and Sections of this Agreement are for convenience of reference only, and shall in no way define, modify or restrict the meaning or interpretation of the terms or provisions of this Agreement.

23. Multiple Counterparts

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

24. Implementation of Agreement

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If Covad is a facilities based provider or a facilities based and resale provider, this section shall apply. Within 60 days of the execution of this Agreement, the Parties may adopt a schedule for the implementation of the Agreement. The schedule shall state with specificity time frames for submission of including but not limited to, network design, interconnection points, collocation arrangement requests, presales testing and full operational time frames for the business and residential markets. An implementation template which may be used for the implementation schedule is contained in Attachment 10 of this Agreement.

25. Filing of Agreement

25.1

Upon execution of this Agreement it shall be filed with the appropriate state regulatory agency pursuant to the requirements of Section 252 of the Act, and the Parties shall share equally any filing fees therefor. If the regulatory agency imposes any filing or public interest notice fees regarding the filing or approval of the Agreement, Covad and BellSouth shall share those fees evenly. Covad shall be responsible for publishing the required notice. Notwithstanding the foregoing, this Agreement shall not be submitted for approval by the appropriate state regulatory agency unless and until such time as Covad is duly certified as a local exchange carrier in such state.

26. Compliance with Applicable Law

Each Party shall comply at its own expense with Applicable Law.

27. Necessary Approvals

Each Party shall be responsible for obtaining and keeping in effect all approvals from, and rights granted by, governmental authorities, building and property owners, other carriers, and any other persons that may be required in connection with the performance of its obligations under this Agreement. Each Party shall reasonably cooperate with the other Party in obtaining and maintaining any required approvals and rights for which such Party is responsible.

28. Good Faith Performance

Each Party shall act in good faith in its performance under this Agreement and, in each case in which a Party's consent or agreement is required or requested hereunder, such Party shall not unreasonably withhold or delay such consent or agreement.

29. Nonexclusive Dealings

This Agreement does not prevent either Party from providing or purchasing services to or from any other person nor, except as provided in Section 252(i) of the Act, does it obligate either Party to provide or purchase any services (except

insofar as the Parties are obligated to provide access to Interconnection, services and Network Elements to Covad as a requesting carrier under the Act).

30. Survival

The Parties' obligations under this Agreement which by their nature are intended to continue beyond the termination or expiration of this Agreement shall survive the termination or expiration of this Agreement.

31. Entire Agreement

This Agreement and its Attachments, incorporated herein by this reference, sets forth the entire understanding and supersedes prior Agreements between the Parties relating to the subject matter contained herein and merges all prior discussions between them. Any orders placed under prior agreements between the Parties shall be governed by the terms of this Agreement. Neither Party shall be bound by any condition, provision, representation, warranty, covenant or promise other than as expressly stated in this Agreement or as is contemporaneously or subsequently set forth in writing and executed by a duly authorized officer or representative of the Party to be bound thereby.

This Agreement may include the following attachments:

Network Elements and Other Services Local Interconnection Resale Collocation

The following services are included as options for purchase by Covad. Covad may elect to purchase said services by written request to its Account Manager if applicable.

Optional Daily Usage File (ODUF) Enhanced Optional Daily Usage File (EODUF) Access Daily Usage File (ADUF) Line Information Database (LIDB) Storage Centralized Message Distribution Service (CMDS) Calling Name (CNAM)

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

BellSouth Telecommunications, Inc.	DIECA Communications, Inc. d/b/a Covad Communications Company
Gragory R Fallon bee	Shuphin
Signature	Signature
Gregory R Follensber	DHRUV KHANNA
Name	Name
Senior Director	EXECUTIVE VICE PRESIDENT –
	GENERAL COUNSEL
Title	Title
12-19-01	DECEMBER 18, 2001
Date	Date

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AMENDMENT TO THE AGREEMENT BETWEEN DIECA COMMUNICATIONS, INC: d/b/a COVAD COMMUNICATIONS COMPANY AND BELLSOUTH TELECOMMUNICATIONS, INC. DATED DECEMBER 19, 2001

Pursuant to this Amendment, (the "Amendment"), DIECA Communications, Inc. d/b/a Covad Communications Company ("Covad"), and BellSouth Telecommunications, Inc. ("BellSouth"), hereinafter referred to collectively as the "Parties," hereby agree to amend that certain Interconnection Agreement between the Parties dated December 19, 2001 ("Agreement").

WHEREAS, The Parties desire to amend the Interconnection Agreement entered into on December 19, 2001, and;

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

- 1. The Parties hereby agree to delete Section 21.1 of the General Terms and Conditions and replace with new Section 21.1 as follows:
 - 21.1 Every notice, consent, approval, or other communications required or contemplated by this Agreement shall be in writing and shall be delivered by hand, by overnight courier or by US mail postage prepaid, address to:

BellSouth Telecommunications, Inc.

BellSouth Local Contract Manager 600 North 19th Street, 8th Floor Birmingham, Alabama 35203

and

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

DIECA Communications, Inc. d/b/a Covad Communications Company

Douglas Carlen, Esq. Assistant General Counsel 3420 Central Expressway Santa Clara, CA 95051

and

William H. Weber Vice President, External Affairs 1230 Peachtree Street, NE 19th Floor, Promenade II Atlanta, GA 30309 or at such other address as the intended recipient previously shall have designated by written notice to the other Party.

- 2. All of the other provisions of the Agreement, dated December 19, 2001, shall remain in full force and effect.
- Either or both of the Parties is 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 hereto have caused this Amendment to be executed by their respective duly authorized representatives on the date indicated below.

DIECA Communications, Inc. d/b/a Covad Communications Company

By:

Name: Douglas Carlen, Esg.

Title: Assistant General Counsel

02 Date:

BellSouth Telecommunications, Inc.

- -

CA. By:

Name: Elizabeth R. A. Shiroishi

Title: Assistant Director

Date: // 2/13

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Attachment 2

Network Elements and Other Services

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ACCESS TO NETWORK ELEMENTS AND OTHER SERVICES

1. Introduction

- 1.1. This Attachment sets forth the unbundled network elements and combinations of unbundled network elements that BellSouth agrees to offer to Covad in accordance with its obligations under Section 251(c)(3) of the Act. The specific terms and conditions that apply to the unbundled network elements are described below in this Attachment 2. The price for each unbundled network element and combination of unbundled Network Elements are set forth in Exhibit C of this Agreement.
- 1.2. For purposes of this Agreement, "Network Element" is defined to mean a facility or equipment provided by BellSouth on an unbundled basis as is used by the CLEC in the provision of a telecommunications service. These unbundled network elements will be consistent with the requirements of the FCC 319 rule. For purposes of this Agreement, combinations of Network Elements shall be referred to as "Combinations."
- 1.2.1. Except as otherwise required by law, BellSouth shall not impose limitation restrictions or requirements or requests for the use of the network elements or combinations that would impair the ability of Covad to offer telecommunications service in the manner Covad intends.
- 1.2.2 Except upon request by Covad, BellSouth shall not separate requested network elements that BellSouth currently combines.
- 1.3. BellSouth shall, upon request of Covad, and to the extent technically feasible, provide to Covad access to its network elements for the provision of Covad's telecommunications service. 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.
- 1.4. Covad may purchase network elements and other services from BellSouth for the purpose of combining such network elements in any manner Covad chooses to provide telecommunication services to its intended users, including recreating existing BellSouth services. With the exception of the sub-loop elements which are located outside of the central office, BellSouth shall deliver the network elements purchased by Covad for combining to the designated Covad collocation space. The network elements shall be provided as set forth in this Attachment.
- 1.5. BellSouth shall comply with the requirements as set forth in the technical references within Attachment 2 unless BellSouth's actual performance or applicable industry

standards are greater than such technical reference, in which event BellSouth shall provide UNE's at such greater level. In the event the applicable industry standard exceeds the BellSouth technical reference, BellSouth shall provide UNE's consistent with the Industry Standard within ninety (90) days of notice from Covad that the industry standard exceeds the BellSouth technical reference.

1.6. In the event that any effective legislative, regulatory, judicial or other legal action modifies or redefines the "Network Elements" in a manner which materially affects the terms of this Attachment or the Network Elements and/or prices set forth herein, either Party may, on thirty (30) days written notice, require renegotiation of such terms, and the Parties shall renegotiate in good faith such new terms in accordance with such legislative, regulatory, judicial or other legal action. In the event such new terms are not renegotiated within ninety (90) days after the notice for renegotiation, either Party may petition the Commission for resolution of the dispute between the Parties. Each Party reserves the right to seek judicial review of any Commission ruling concerning this Attachment.

- 1.7. Covad will adopt and adhere to the standards contained in the applicable CLEC Work Center BellSouth Operational Understanding Agreement regarding maintenance and installation of service.
- 1.8 If one or more of the requirements set forth in this Agreement are in conflict, the parties shall mutually agree on which requirement shall apply. If the parties cannot reach agreement, the dispute resolution process set forth in Section 12 of the General Terms and Conditions of this Agreement, incorporated herein by this reference, shall apply.

2. Unbundled Loops, Integrated Digital Loop Carriers, Network Interfaces Device, Unbundled Loop Concentration (ULC) System, Sub loops and Dark Fiber

All of the negotiated rates, terms and conditions set forth in this Section pertain to the provision of unbundled loops.

2.1 Unbundled Loops

2.1.1 <u>Definition</u>

2.1.2 The local loop network element ("Loop(s)") 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 customer premises, including inside wire owned by BellSouth. The local loop network element includes all features, functions, and capabilities of the transmission facilities, including dark fiber and attached electronics (except those used for the provision of advanced services, such as Digital Subscriber Line Access Multiplexers) and line conditioning.

- 2.1.3 The provisioning of service to a CLEC 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 a separate component, that are not considered a part of the loop, and thus have a separate charge.
- 2.1.4 The Loop shall be provided to Covad in accordance with BellSouth's TR73600 Unbundled Local Loop Technical Specification and applicable industry standard technical references. Covad shall be provided with six months notice of any changes to the existing loop specifications proposed by BellSouth to TR73600 after execution of this Agreement. The 6 months notification will not apply if Industry Standards, or legal or regulatory mandates require a different timeframe, if an applicable regulatory authority or industry forum requires modifications within a shorter time frame, or if otherwise agreed to by Covad and BellSouth.

Covad may utilize the unbundled Loops to provide any telecommunications service it wishes, so long as such serves are consistent with industry standards and BellSouth's TR73600.

BellSouth will only provision, maintain and repair the loops to the standards that are consistent with the type of loop ordered. In those cases where Covad has requested that BellSouth modify a loop so that it no longer meets the technical parameters of the original loop type, the resulting loop will be maintained as an Unbundled Copper Loop (UCL), and Covad shall pay the recurring and non-recurring charges for the resulting UCL.

- 2.1.5 BellSouth Order Coordination referenced in Attachment 2 includes two types: "Order Coordination" and "Order Coordination - Time Specific."
- 2.1.6 "Order Coordination" allows BellSouth and Covad to coordinate the installation of the SL2 Loops, Unbundled Digital Loops (UDL) and other Loops where OC may be purchased as an option, to Covad'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. Order coordination for physical conversions will be scheduled at BellSouth's discretion during normal working hours on the committed due date and Covad advised. OC shall be provided in accordance with the chart set forth below.
- 2.1.7 "Order Coordination Time Specific" refers to service order coordination in which Covad requests a specific time for a service order conversion to take place. BellSouth will make every effort to accommodate Covad's specific conversion time request. However, BellSouth reserves the right to negotiate with Covad a conversion time based on load and appointment control when necessary. Loops on a single service

order of 14 or more loops will be provisioned on a project basis. This is a chargeable option for any coordinated order and is billed in addition to the OC charge. Covad may specify a time between 9:00 a.m. and 4:00 p.m. (location time) Monday through Friday (excluding holidays). If Covad 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 according to actual costs based on type of force group required to perform the work, overtime hours worked and any special circumstances.

2.1.8

If Covad cancels an order for network elements and other services, any reasonable costs incurred by BellSouth in conjunction with the provisioning of that order will be recovered in accordance with FCC #1 Tariff, Section 5.4. If Covad cancels an order for network elements and other services prior to the DLR Date for provisioning of the loop, Covad shall not be required to pay the above referenced cancellation charge. Notwithstanding the foregoing, if Covad 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 or services ordered in accordance with the transmission characteristics of the network elements or services ordered, cancellation charges described in this Section shall not apply. Where Covad 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, Covad may cancel its order as to those network elements or services without incurring cancellation charges as described in this Section. In such instance, should Covad elect to cancel the entire LSR, cancellation charges as described in this Section shall apply as to those elements and services that were not the subject of inaccurate loop makeup information. In order to obtain the credit in those loop makeup instances described above where a credit would be due, Covad must provide (1) backup documentation to confirm cancellation of the service order, such documentation to include the purchase order number and the order status; and (2) a copy of the correlating loop makeup response output with the facility reservation number, such loop makeup response being the original catalyst for Covad's submission of the service order for the facility, which is the subject of the inaccurate loop makeup information; and (3) the Billing Adjustment Request (BAR) Form. Upon presentation of that information, BellSouth may investigate whether cancellation charges are appropriate. BellSouth shall issue the appropriate credit within 60 days of receiving the above referenced information from Covad, irrespective of whether it elected to perform an investigation. No other billing dispute process shall be required for Covad to obtain the necessary credit for these charges.

- 2.1.9 If a Covad order for a local loop is cancelled or modified by Covad or a Covad enduser, and the cancellation or modification is not caused by BellSouth, Covad will compensate BellSouth costs incurred by BellSouth for provisioning or accommodating the modification of the local loop, unless such costs are already being recovered through approved rates. Covad may charge BellSouth order modification or cancellation charges using the same rates and conditions as BellSouth utilizes for assessing such charges to Covad, if the modification or cancellation is caused by BellSouth.
- 2.1.10 BellSouth will offer Unbundled Voice Loops (UVL) in two different service levels -Service Level One (SL1) and Service Level Two (SL2).
- 2.1.11 Unbundled Voice Loops 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 Covad. Covad may also order OC-TS when a specificied 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 chargeable option. The EI document provides loop makeup information which is similar to the information normally provided in a Design Layout Record. 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. If Covad requests work to be done for SL1s that requires BellSouth technicians to work outside normal work hours, overtime charges will be applied according to actual costs based on type of force group required to perform the work, overtime hours worked and any special circumstances.
- 2.1.12 Unbundled Voice Loop SL2 loops may be 2-wire or 4-wire circuits, shall have remote access test points, and will be designed with a design layout record provided to Covad. 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 Covad 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 coordinate its discretion during normal work hours.
- 2.1.13 BellSouth will also offer Unbundled Digital Loops (UDL). They will be designed, will be provisioned with test points (where appropriate), and will come standard with Order Coordination and a Design Layout Record (DLR).
- 2.1.14 As a chargeable option on all loops except the Universal Digital Channel (UDC) and all Unbundled Copper Loops (UCLs), BellSouth will offer Order Coordination - Time Specific (OC-TS). This will allow Covad the ability to specify the time that the

coordinated conversion takes place. The OC-TS charge for orders due on the same day at the same location will be applied on a per Local Service Request (LSR) basis.

2.1.15 Covad will be responsible for testing and isolating troubles on the loops. Once Covad has isolated a trouble to the BellSouth provided loop, Covad will issue a trouble to BellSouth on the loop. BellSouth will take the actions necessary to repair the loop on the first trouble ticket opened. BellSouth will repair these loops in the same time frames that BellSouth repairs similarly situated loops to its customers.

2.1.16 If Covad reports a trouble and BellSouth appropriately tests its loop but finds no trouble, BellSouth will charge Covad for any dispatching and testing (inside and outside the CO for non-designed loops and outside the CO for designed loops) required by BellSouth in order to confirm the loop's working status. In the event BellSouth closes a Covad trouble ticket as "no trouble found," and Covad reports a subsequent trouble on the same loop within 30 days of the previous trouble ticket, Covad may provide to BellSouth in writing, using the Billing Adjustment Request (BAR) Form, the PON number of the order, the number of repeat trouble tickets and confirmation that the loop is currently operational. At that time, BellSouth shall investigate the trouble tickets to determine if the subsequent trouble was in fact the same trouble that had been previously reported and closed as "no trouble found." If the investigation reveals that the subsequent trouble was the same trouble reported by Covad within 30 days prior to the subsequent trouble, BellSouth shall credit Covad for all charges related to those trouble tickets within 60 days of Covad's providing the information specified above. No other formal billing dispute shall be required to obtain this credit. If the investigation reveals that the subsequent trouble was unrelated to the previous reported trouble, no credit will be due to Covad where the trouble tickets were closed as "no trouble found."

2.1.17 xDSL Capable Loops

BellSouth will offer loops capable of supporting telecommunications services such as: POTS, Centrex, basic rate ISDN, analog PBX, voice grade private line, ADSL, HDSL, DS1 and digital data (up to 64 kb/s). Specifically, BellSouth shall make available the following:

- 2.1.17.1 ADSL: Asymmetrical Digital Subscriber Line (ADSL) Capable Loop: These copper loops are provisioned according to the Revised Resistance Design (RRD) industry standards which means they may be up to 18,000 feet long and may have up to 6,000 feet of bridged tap which is included in of the loop length.
- 2.1.17.2 HDSL: High Big Rate Digital Subscriber Line (HDSL) Capable Loop: These copper loops are provisioned according to the Industry Standard Carrier Service Area ("CSA") guidelines. It will be 12,000 feet or less on 24 gauge wire and 9,000 feet or

less on 26 gauge wire, inclusive of up to 2,500 feet of bridged tap (with no one bridged tap exceeding 2000 feet).

2.1.17.3 xDSL: Subscriber Line ("DSL") technologies. The "x" in xDSL is a placeholder for the various types of digital subscriber line services. A loop is a dedicated transmission facility between a distribution frame, or its equivalent, in a BellSouth central office and the loop demarcation point at the customer premises.

An xDSL loop is a plain twisted pair of cooper loop of unlimited length without intervening devices, such as load coils, repeaters (unless so requested by the requesting carrier), or digital access main lines ("DAMLs"), and which may contain minimal bridge tap. A cooper loop used for such purposes will meet basic electrical standards such as metallic conductivity and capacitive and resistive balance.

- 2.1.17.4 UCL/short: an Unbundled Copper Loop (UCL). The UCL will be a copper twisted pair loop that is unencumbered by any intervening equipment (e.g., filters, load coils, range extenders, digital loop carrier, or repeaters). A short UCL (18 kft or less) will be provisioned according to Resistance Design parameters. The UCL is a dry cooper loop and is not intended to support any particular telecommunications service. Covad may use the UCL loop for a variety of services, including xDSL (e.g., ADSL and HDSL) services, by attaching appropriate terminal equipment of Covad's choosing. Covad will determine the type of service that will be provided over the loop. Because the UCL loop shall be an unbundled loop offering that is separate and distinct from BellSouth's ADSL and HDSL capable loop offerings, CLEC agrees that BellSouth's UCL loop will not be held to the service level and performance expectations that apply to its ADSL and HDSL unbundled loop offerings. BellSouth shall only be obligated to maintain copper continuity and provide balance relative to tip and ring on UCL loops.
- 2.1.17.5 UCL/long: Unbundled Copper Loop/long (UCL/long). The UCL will be a copper twisted pair loop that is unencumbered by any intervening equipment (e.g., filters, load coils, range extenders, digital loop carrier, or repeaters). A long UCL (18 kft or more) will be provisioned with a maximum 2800 ohms resistence. The UCL is a dry cooper loop and is not intended to support any particular telecommunications service. Covad may use the UCL loop for a variety of services, including xDSL (e.g., ADSL and HDSL) services, by attaching appropriate terminal equipment of Covad's choosing. Covad will determine the type of service that will be provided over the loop. Because the UCL loop shall be an unbundled loop offering that is separate and distinct from BellSouth's ADSL and HDSL capable loop offerings, CLEC agrees that BellSouth's UCL loop will not be held to the service level and performance expectations that apply to its ADSL and HDSL unbundled loop offerings. BellSouth shall only be obligated to maintain copper continuity and provide balance relative to tip and ring on UCL loops.

- 2.1.17.6 When attempting to provide cooper-based loops, BellSouth will attempt to use any available copper facility that serves the end users address. This includes performing Line and Station Transfers (LSTs) to free up copper facilities that may be currently in use but could be provisioned using a different spare media that will support the service currently in use.
- 2.1.17.7 Where facilities are available, BellSouth will install ADSL, HDSL, UCL and UCL-ND loops in no more than a 5 business day interval from receipt of Firm Order Confirmation ("FOC"). For orders of 14 or more loops at the same address, the installation will be handled on a project basis and the intervals will be set by the BellSouth project manager for that order. Some loops require a Service Inquiry (SI) to determine if facilities are available prior to issuing the order. The interval for the SI process is separate from the installation interval. For expedite requests by Covad, expedite charges will apply for intervals less than 5 days. The charges outlined in BellSouth's FCC #1 Tariff, Section 5.1.1, will apply.

2.1.17.8 **ISDN/IDSL/UDC**

- 2.1.17.8.1 Due to technical limitations associated with certain DLC systems, certain ports on Digital Loop Carrier ("DLC") systems do not support ISDN Digital Subscriber Lines (IDSL).
- 2.1.17.8.2 BellSouth will offer the IDSL-Compatible Loop, known internally at BellSouth as the Universal Digital Channel (UDC), as a part of its Unbundled Digital Loop offerings as an xDSL capable loop. The IDSL-Compatible loop is compatible with IDSL service and has the same physical characteristics and transmission specifications as BellSouth's ISDN-capable loop. The technical specifications which govern this loop are those set forth in BellSouth's TR73600, which is in effect on the date of execution of this agreement.
- 2.1.17.8.3 Like the ISDN-capable loop, the IDSL-Compatible loop may be provisioned on copper or through a DLC system. When IDSL-Compatible loops are provisioned using a DLC system, BellSouth will ensure that they are only provisioned on time slots that are compatible with data-only services such as IDSL.
- 2.1.17.8.4 The Universal Digital Channel (UDC)/IDSL Compatible Loop shall be provisioned by BellSouth in no more than 10 business days from the date of the receipt of the Firm Order Confirmation.
- 2.1.17.8.5 The rates for the IDSL-Compatible shall be the same as the rates for ISDN loops, subject to true-up when and if BellSouth's proposed rates for the IDSL-Compatible are approved and accepted by a state commission.

2.1.17.8.6 Covad shall exclusively order the UDC for its IDSL service.

2.1.17.9 Acceptance Testing and Cooperative Testing

- 2.1.17.9.1 Cooperative Acceptance Testing is acknowledged by both BellSouth and Covad to assist in the timely and efficient provisioning of functioning loops. If both parties agree in writing that this testing is no longer necessary, it can be suspended at any time.
- 2.1.17.9.2 BellSouth will dispatch a technician to provide normal acceptance testing where BellSouth determines a dispatch is required to provision the loop. Normal acceptance testing includes: Placing a short on the tip and ring conductors, listening for tone, and placing a ground on tip and ring. BellSouth will call Covad with the technician on the line to perform the above mentioned tests and Covad will within 15 minutes begin testing with the technician. The BellSouth technician will test with Covad for a period not to exceed 15 minutes. Testing not considered to be normal acceptance testing as outlined above may be performed by BellSouth, if requested by Covad. BellSouth will charge and Covad will pay for additional acceptance testing, by paying additional acceptance charges as outlined in FCC No. 1 Tariff. BellSouth shall deliver loops which perform according to the characteristics of TR73600 for the particular loop ordered.
- 2.1.17.9.3 Where a technician is dispatched to provision a loop, the BellSouth technician shall tag a circuit for identification purposes. Where a technician is not dispatched by BellSouth, BellSouth will provide sufficient information to Covad to enable Covad to locate the circuit being provisioned. Upon delivery of the loop BellSouth will contact CLEC via a toll free number to provide notification of the completion of the loop and where required, provide acceptance testing as provided for in this agreement.
- 2.1.17.9.4 If Covad is not available to perform acceptance testing within 15 minutes of the time of loop turn up by BellSouth then CLEC may request and BellSouth, if mutually agreed to, will require the BellSouth technician to standby. CLEC would then be required to pay standby charges as provided for in FCC No. 1 Tariff.
- 2.1.17.9.5 If BellSouth is unable to contact a Covad employee to perform acceptance testing at the time of loop turn up (placed on hold for more than 15 minutes, reaches voice mail or other recording, no answer or repeated busy conditions), BellSouth will test the loop to ensure the loop is provisioned according to requirements of TR73600 for the type of loop requested by CLEC. BellSouth will complete the local service request without obtaining acceptance from Covad and will have no further obligation to perform normal acceptance testing of the provisioned loop. On any such orders where

BellSouth completes the local service request without obtaining acceptance from Covad, BellSouth must provide the reason for which it was unable to contact Covad.

If at any time Covad feels that the process described in this paragraph is not being appropriately executed by BellSouth, Covad may escalate to the appropriate BellSouth Manager for immediate resolution. Such resolution shall include but not be limited to: an immediate review of the processes described above by BellSouth personnel, joint meetings of the parties to mutually resolve issues and any other such action which both parties agree may need to be implemented to correct the process failure.

- 2.1.17.9.6 If the Acceptance Test fails loop Continuity Test parameters, as defined by TR73600 for the loop being provisioned, the BellSouth technician will take any or all reasonable steps, if possible, to immediately resolve the problem with CLEC on the line including, but not limited to, calling the central office to perform work or troubleshooting for physical faults. If the problem cannot be resolved in an expedient manner, the technician will release the CLEC representative, and perform the work necessary to correct the situation. Once the loop is correctly provisioned, BellSouth will re-contact the CLEC representative to repeat the Acceptance Test.
- 2.1.17.9.7 Both Parties declare they will work together, in good faith, to implement Acceptance Testing procedures that are efficient and effective. If the Parties mutually agree to additional testing, procedures and/or standards not covered by this Appendix or any Public Utilities Commission or FCC ordered tariff, the Parties will negotiate terms and conditions to implement such additional testing, procedures and/or standards.
- 2.1.17.9.8 BellSouth will not bill for loop repairs when the repair resulted from a BellSouth problem.

2.1.17.10 Unbundled Copper Loop – Non-Designed (UCL-ND)

2.1.17.10.1 The UCL-ND will be provisioned as a dedicated 2-wire metallic transmission facility from BellSouth's Main Distribution Frame 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 design layout record or a test point.

- 2.1.17.10.2 The UCL-ND will be provisioned according to the specifications for the UCL-ND set forth in BellSouth's TR73600.
- 2.1.17.10.3 The UCL-ND facilities may be mechanically assigned using BellSouth's assignment systems. Therefore, the Loop Make Up process is not required to order and provision the UCL-ND. However, COVAD can request Loop Make Up for which additional charges would apply.
- 2.1.17.10.4 At Covad's option, Covad may request that BellSouth participate in Joint Acceptance Testing on the UCL-ND under the following terms, conditions, and rates. BellSouth shall take all steps necessary to complete an order for the UCL-ND. After BellSouth has confirmed that the UCL-ND loop meets the applicable technical specifications, BellSouth shall call Covad and participate in Joint Acceptance Testing. The charges for testing shall be assessed as follows: 1) At the time of testing, if the parties agree that the loop complies with technical specifications set forth in TR73600, Covad will pay for the Joint Acceptance Testing; 2) At the time of testing, if the parties agree that the loop does not comply with technical specifications set forth in TR73600, BellSouth shall not charge Covad for the Joint Acceptance Testing and any subsequent, technically feasible work and testing necessary to deliver a UCL-ND that meet the technical specifications; and 3) At the time of testing, if the Parties disagree as to whether the UCL-ND complies with applicable technical specifications, BellSouth and Covad will both dispatch a technician to the end user location at a mutually agreeable time. During this joint dispatch, the technicians will work cooperatively to isolate the trouble to the loop and will retest the loop to determine if the loop meets the applicable specifications. If the jointly dispatched test indicates that the UCL-ND meets applicable technical specifications, Covad will only be billed for the time associated with the first Joint Acceptance Test. If the jointly dispatched testing indicates a non-conforming loop, then BellSouth will take whatever technically feasible action necessary to bring the loop into specifications. In such case, BellSouth will be responsible for all charges associated with Joint Acceptance Testing as well as the cost of the Covad technician's participation in the joint testing on a time and materials basis (rates will be negotiated and agreed to in advance). If the loop cannot be brought into specifications, then Covad may cancel the order and will not be charged cancellation charges for that loop. In the event the Commission establishes Joint Acceptance Testing rates different from those set forth herein, the Parties will amend this Agreement to incorporate such rates.

- 2.1.17.10.5 BellSouth will perform continuity validation on UCL-ND loops which require a dispatch to provision prior to order completion.
- 2.1.17.10.6 UCL-ND loops are not intended to support any particular service and may be utilized by COVAD to provide a wide-range of telecommunications services so long as those services do not adversely affect BellSouth's network. The UCL-ND 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.
- 2.1.17.10.7 The UCL-ND will be delivered to COVAD's collocation space via a crossconnect. This cross-connect element will be provisioned as a part of BellSouth's Collocation offering.
- 2.1.17.10.8 Order Coordination (OC) will be provided as a chargeable option and may be utilized when the UCL-ND provisioning is associated with the reuse of BellSouth's facilities. Order Coordination -Time Specific (OC-TS) does not apply to this product.
- 2.1.17.10.9 COVAD may use BellSouth's Unbundled Loop Modification (ULM) offering to remove bridge tap and/or load coils from any 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.
- 2.1.17.10.10 The provisioning interval for the UCL-ND is as set forth in Section 2.1.8 of this Attachment.
- 2.1.17.10.11 When BellSouth provisions a UCL-ND, BellSouth will take necessary steps to identify the pair as an xDSL compatible loop. As such, when making modifications to its network, BellSouth will maintain the same specified physical characteristics of the UCL-ND in accordance with TR 73600 until the loop is disconnected by the CLEC or the end-user.

2.2 Loop Conditioning/Loop Modification

- 2.2.1 Subject to applicable and effective FCC rules and orders, BellSouth shall condition loops, as requested by Covad, whether or not BellSouth offers advanced services to the End User on that loop. BellSouth shall deliver a conditioned loop in no more than (14) business days from receipt of Firm Order Confirmation.
- 2.2.2 / Loop conditioning is defined as the removal from the loop of any devices that may diminish the capability of the loop to deliver high-speed switched wireline

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telecommunications capability, including xDSL service. Such devices include, but are not limited to, bridge taps, low pass filters, and range extenders.

- 2.2.3 Charges for conditioning a loop, if any, will be determined by each state public service commission.
- 2.2.4 The unbundled Loop Modifications (ULM) offering provides the following elements: 1) removal of equipment on loops less than 18kft, 2) removal of equipment of loops longer than (18kft), 3) removal of bridged-taps on loops of any length.

2.3 Integrated Digital Loop Carriers

2.3.1 In the event that BellSouth has chosen to deploy Integrated Digital Loop Carrier (IDLC) systems to provide the local loop that do no permit unbundling of that local loop, BellSouth will provide a suitable alternative facility (such as a contiguous local copper loop which is in existence at that location and which is not currently being utilized by BellSouth or any other customer) without additional cost. If no alternate facility is available, BellSouth will utilize its Special Construction (SC) process to determine the additional costs required to provision the loop facilities.

2.4 Network Interface Device

2.4.1 Definition

The NID is defined as any means of interconnection of end-user 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 point of demarcation at the end users premises. The NID features two independent chambers or divisions that separate the service provider's network from the End User's onpremises 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.

- 2.4.2. BellSouth shall permit Covad to connect Covad's loop facilities to on-premises wiring through the BellSouth NID or at any other technically feasible point.
- 2.4.3 Access to Network Interface Device (NID)
- 2.4.3.1. Due to the wide variety of NIDs utilized by BellSouth (based on subscriber size and environmental considerations), Covad may access the on-premises wiring by any of the following means: BellSouth shall allow Covad 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 premise. It is the responsibility of Covad to leave undisturbed the existing form of electrical protection and to maintain the physical integrity of the NID.

- 2.4.3.2. Where an adequate length of on-premises wiring is present and environmental conditions permit, either Party may remove the on-premises wiring from the other Party's NID and connect that wire to that Party's own NID; or
- 2.4.3.3. Enter the subscriber access chamber or "side" of "dual chamber" NID enclosures for the purpose of extending a connecterized or spliced jumper wire from the on-premises wiring through a suitable "punch-out" hole of such NID enclosures; or
- 2.4.3.4. Request BellSouth to make other rearrangements to the on-premises wiring terminations or terminal enclosure on a time and materials cost basis to be charged to the requesting Party (i.e., Covad, its agent, the building owner or the subscriber). Such charges will be billed to the requesting Party.
- 2.4.3.5. In no case shall either Party remove or disconnect the other Party's loop facilities from either Party's NIDs, enclosures, or protectors, without state regulatory requirement, without providing prior notice to the other Party, and without appropriately capping off and guarding the other Party's loop. In such cases, it shall be the responsibility of the disconnecting party to properly ground the other party's loop, maintain the NID, and assume full liability for its action and any adverse consequences.
- 2.4.3.6. In no case shall either Party remove or disconnect ground wires from BellSouth's NIDs, enclosures, or protectors.
- 2.4.3.7. In no case shall either Party remove or disconnect NID modules, protectors, or terminals from BellSouth's NID enclosures.
- 2.4.3.8. Due to the wide variety of NID enclosures and outside plant environments BellSouth will work with Covad to develop specific procedures to establish the most effective means of implementing this Section, 2.4.3.

2.4.4 <u>Technical Requirements</u>

- 2.4.4.1 The NID shall provide an accessible point of interconnection and shall maintain a connection to ground.
- 2.4.4.2 The NID shall be capable of transferring electrical analog or digital signals between the subscriber's inside wiring and the Distribution Media and/or cross connect to Covad's NID, consistent with the NID's function at the Effective Date of this Agreement.

- 2.4.4.3 Where a BellSouth NID exists, it is provided in its "as is" condition. Covad may request BellSouth do additional work to the NID in accordance with Section 2.4.3.8.
- 2.4.4.4 When Covad deploys its own local loops with respect to multiple-line termination devices, Covad shall specify the quantity of NIDs connections that it requires within such device.
- 2.4.5 Interface Requirements
- 2.4.5.1 The NID shall be equal to or better than all of the requirements for NIDs set forth in the applicable industry standard technical references.

2.5 Unbundled Loop Concentration (ULC) System

- 2.5.1 BellSouth will provide to Covad Unbundled Loop Concentration (ULC). Loop concentration systems in the central office concentrate the signals transmitted over local loops onto a digital loop carrier system. The concentration device is placed inside a BellSouth central office. BellSouth will offer ULC with a TR008 interface or a TR303 interface.
- 2.5.2 ULC will be offered in two sizes. System A will allow up to 96 BellSouth loops to be concentrated onto multiple DS1s. The high-speed connection from the concentrator will be at the electrical DS1 level and may connect to Covad at Covad's collocation site. System B will allow up to 192 BellSouth loops to be concentrated onto multiple DS1s. System A may be upgraded to a System B. A minimum of two DS1s is required for each system (i.e., System A requires two DS1s and System B would require an additional two DS1s or four in total). All DS1 interfaces will terminate to the CLEC's collocation space. ULC service is offered with or without concentration and with or without protection. A Line Interface element will be required for each loop that is terminated onto the ULC system. Rates for ULC are as set forth in this Attachment.

2.6 Sub-loop Elements

- 2.6.1 BellSouth shall offer access to its Unbundled Sub Loop (USL), Unbundled Subloop Concentration (USLC) System and Unbundled Network Terminating Wire (UNTW) elements. BellSouth shall provide non-discriminatory access, in accordance with 51.311 and section 251(c) (3) of the Act, to the subloop. On an unbundled basis and pursuant to the following terms and conditions and the rates approved by the Commission and set forth in this Attachment.
- 2.6.2 Subloop components include but are not limited to the following:
- 2.6.2.1 Unbundled Sub-Loop Distribution;

- 2.6.2.2 Unbundled Sub-Loop Concentration/Multiplexing Functionality; and
- 2.6.2.3 Unbundled Network Terminating Wire; and
- 2.6.2.4 Unbundled Sub-Loop Feeder.

2.6.3 Unbundled Sub-Loop (distribution facilities)

2.6.3.1 Definition

- 2.6.3.2 The unbundled sub-loop distribution facility is dedicated transmission facility that BellSouth provides from a customer's point of demarcation to a BellSouth crossconnect 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. There are two offerings available for Unbundled Sub-Loops (USL):
- 2.6.3.3 Unbundled Sub-Loop Distribution (USL-D) will include the sub-loop facility from the cross-box in the field up to and including the point of demarcation.
- 2.6.3.4 BellSouth will also provide sub-loop interconnection to the intrabuilding network cable (INC) (riser cable). INC is the distribution facility inside a subscriber's building or between buildings on one customer's same premises (continuous property not separated by a public street or road). USL-INC (riser cable) will include the facility from the cross-connect device in the building equipment room up to and including the point of demarcation.
- 2.6.4. Requirements for Unbundled Sub-Loop Distribution Facilities
- 2.6.4.1 Unbundled Sub-Loop distribution facilities were originally built as part of the entire voice grade loop from the BellSouth central office to the customer network interface. Therefore, the Unbundled Sub-Loop may have load coils, which are necessary for transmission of voice grade services. The Unbundled Sub-Loops will be provided in accordance with technical reference TR73600.
- 2.6.4.2 Unbundled Sub-Loop distribution facilities shall support functions associated with provisioning, maintenance and testing of the Unbundled Sub-Loop. In a scenario that involves connection at a BellSouth cross-box located in the field, Covad would be required to deliver a cable to the BellSouth remote terminal or cross-box to provide continuity to Covad's feeder facilities. This cable would be connected, by a BellSouth technician, to a cross-connect panel within the BellSouth RT/cross-box. Covad's cable pairs can then be connected to BellSouth's USL within the BellSouth cross-box by the BellSouth technician. In a scenario that requires connection in a building

equipment room, BellSouth will install a cross connect panel on which access to the requested sub-loops will be connected. The CLEC's cable pairs can then be connected to the Unbundled Sub-Loop pairs on this cross-connect panel by the BellSouth technician.

- 2.6.4.3 BellSouth will provide Unbundled Sub-Loops where possible. Through the firm order Service Inquiry (SI) process, BellSouth will determine if it is feasible to place the required facilities where Covad has requested access to Unbundled Sub-Loops. If existing capacity is sufficient to meet the CLEC demand, then BellSouth will perform the set-up work as described in the next section 2.6.4.4. If any work must be done to modify existing BellSouth facilities or add new facilities (other than adding the cross-connect panel in a building equipment room as noted in 2.6.4.4) to accommodate Covad's request for Unbundled Sub-Loops, BellSouth will use its Special Construction (SC) process to determine the additional costs required to provision the Unbundled Sub-Loops. Covad will then have the option of paying the one-time SC charge to modify the facilities to meet Covad's request.
- 2.6.4.4 During the initial set-up in a BellSouth cross-connect box in the field, the BellSouth technician will perform the necessary work to splice the CLEC's cable into the cross-connect box. For the set-up inside a building equipment room, BellSouth will perform the necessary work to install the cross-connect panel that will be used to provide access to the requested USLs. Once the set-up is complete, the CLEC requested sub-loop pairs would be provisioned through the service order process based on the submission of a LSR to the LCSC.

2.6.5 Interface Requirements

2.6.5.1 Unbundled Sub-Loop shall be equal to or better than each of the applicable requirements set forth in the applicable industry standard technical references.

2.6.6 Unbundled Sub-Loop Concentration System (USLC)

- 2.6.6.1 Where facilities permit and where necessary to comply with an effective Commission order, BellSouth will provide to Covad with the ability to concentrate its sub-loops onto multiple DS1s back to the BellSouth Central Office. The DS1s will then be terminated into Covad's collocation space. TR-008 and TR303 interface standards are available.
- 2.6.6.2 USLC, using the Lucent Series 5 equipment, will be offered in two different systems. System A will allow up to 96 of Covad's sub-loops to be concentrated onto multiple DS1s. System B will allow an additional 96 of Covad's sub-loops to be concentrated onto multiple DS1s. One System A may be supplemented with one System B and they both must be physically located in a single Series 5 dual channel bank. A minimum of

two DS1s is required for each system (i.e., System A requires two DS1s and System B would require an additional two DS1s or four in total). The DS1 level facility that connects the RT site with the serving wire center is known as a Feeder Interface. All DS1 Feeder Interfaces will terminate to the CLEC's collocation space within the SWC that serves the RT where the CLEC's sub-loops are connected. USLC service is offered with or without concentration and with or without a protection DS1.

2.6.6.3 In these scenarios Covad would be required to place a cross-box, remote terminal (RT), or other similar device and deliver a cable to the BellSouth remote terminal. This cable would be connected, by a BellSouth technician, to a cross-connect panel within the BellSouth RT/cross-box and would allow Covad's sub-loops to then be placed on the ULSC and transported to their collocation space at a DS1 level.

2.6.7 Unbundled Network Terminating Wire (UNTW)

- 2.6.7.1 BellSouth agrees to offer its Unbundled Network Terminating Wire (UNTW) to Covad pursuant to the following terms and conditions at rates as set forth in this Attachment.
- 2.6.7.2 <u>Definition</u>
- 2.6.7.2.1 Subject to applicable and effective FCC rules and orders, UNTW is a dedicated transmission facility that BellSouth provides from the Wiring Closet /Garden Terminal (or other type of cross-connect point) at the point of termination of BellSouth's loop distribution facilities to the end user's point of demarcation.

2.6.7.3 Requirements

- 2.6.7.3.1 BellSouth will offer spare pairs that are available to an end user's premises to Covad. Available spare pairs are defined as pairs that are not being utilized by BellSouth or by a third party to provide an end user with working service at the time of Covad's request for UNTW. If no spare pairs are available and the end user is no longer using BellSouth's local service, BellSouth will relinquish the first pair to Covad. If after BellSouth has relinquished the first pair to Covad and the end user decides to change local service providers to BellSouth, Covad will relinquish the first pair back to BellSouth.
- 2.6.7.3.2 Notwithstanding the foregoing, should BellSouth subsequently require the use of additional pair(s) to provide for the activation of additional lines in an end users premises in response to a request from such end user, Covad agrees to surrender its spare pair(s) upon request by BellSouth.
- 2.6.7.3.3 If an end user of Covad desires to receive local exchange service from a service provider who is not a Party to this Agreement, and such third party service provider needs access to the BellSouth UNTW to provide local exchange service to the end

user, then Covad agrees to surrender the requisite number of its inactive spare pair(s) if no other spare pair is available and upon request by BellSouth.

- 2.6.7.3.4 If Covad has placed NTW at a location and an end user desires to receive local exchange service from BellSouth and BellSouth needs access to Covad's NTW to provide local exchange service to the end user, then Covad agrees to surrender the requisite number of its spare pair(s) upon request by BellSouth.
- 2.6.7.3.5 In new construction, where possible, both Parties may at their option and with the property owner's agreement install their own NTW. In existing construction, BellSouth shall not be required to install new or additional NTW beyond existing NTW to provision the services of the CLEC.

2.6.8 <u>Technical Requirements</u>

2.6.8.1 In these scenarios, BellSouth will connect the requested UNTW pairs to a single point of interconnection (SPOI) designed for CLEC access to BellSouth's NTW. The SPOI will be installed either near BellSouth's garden terminal or wiring closet. Covad will be required to place a cross-box, terminal or other similar device and deliver a cable to this SPOI. Covad will then connect their cable to the cross-connect panel to access the requested UNTW pairs.

2.7 Dark Fiber

2.7.1 <u>Definition</u>

Dark Fiber is optical transmission facilities without attached multiplexing, aggregation or other electronics that connects two points within BellSouth's network. Dark Fiber also includes strands of optical fiber existing in aerial or underground cable which may have lightwave repeater (regenerator or optical amplifier) equipment interspliced to it at appropriate distances, but which has no line terminating elements terminated to such strands to operationalize its transmission capabilities.

2.7.2 <u>Requirements</u>

- 2.7.2.1 BellSouth shall make available Dark Fiber where it exists in BellSouth's network and where, as a result of future building or deployment, it becomes available. If BellSouth has plans to use the fiber within a two -year planning period, there is no requirement to provide said fiber to Covad.
- 2.7.2.2 If the requested dark fiber has any lightwave repeater equipment interspliced to it, BellSouth will remove such equipment at Covad's request subject to time and materials charges.
- 2.7.2.3 Covad may test the quality of the Dark Fiber to confirm its usability and performance specifications.

- 2.7.2.4 BellSouth shall use its best efforts to provide to Covad information regarding the location, availability and performance of Dark Fiber within ten (10) business days for a records based answer and twenty (20) business days for a field based answer, after receiving a request from Covad ("Request"). Within such time period, BellSouth shall send written confirmation of availability of the Dark Fiber ("Confirmation"). From the time of the Request to forty-five (45) days after Confirmation, BellSouth shall hold such requested Dark Fiber for Covad's use and may not allow any other party to use such media, including BellSouth.
- 2.7.2.5 BellSouth shall use its best efforts to make Dark Fiber available to Covad within thirty (30) business days after it receives written confirmation from Covad that the Dark Fiber previously deemed available by BellSouth is wanted for use by Covad. This includes identification of appropriate connection points (e.g., Light Guide Interconnection (LGX) or splice points) to enable Covad to connect or splice Covad provided transmission media (e.g., optical fiber) or equipment to the Dark Fiber.
- 2.7.2.6 Dark Fiber shall meet the manufacturer's design specifications.
- 2.7.2.7 Covad may splice and test Dark Fiber obtained from BellSouth using Covad or Covad designated personnel. BellSouth shall provide appropriate interfaces to allow splicing and testing of Dark Fiber. BellSouth shall provide an excess cable length of 25 feet minimum (for fiber in underground conduit) to allow the uncoiled fiber to reach from the manhole to a splicing van.

2.8 Rates

The prices that Covad shall pay to BellSouth for Network Elements and Other Services are set forth in Exhibit C to this Attachment.

2.9 Operational Support Systems (OSS)

BellSouth has developed and made available the following mechanized systems by which Covad may submit LSRs electronically.

LENS	Local Exchange Navigation System
EDI	Electronic Data Interchange
TAG	Telecommunications Access Gateway

2.9.1 LSRs submitted by means of one of these interactive interfaces will incur an OSS electronic ordering charge as specified in the table below. An individual LSR will be identified for billing purposes by its Purchase Order Number (PON). LSRs submitted

OPERATIONAL SUPPORT SYSTEMS	AL, GA, MS, NC, SC, TN	KY	FL	LA
OSS LSR charge, per LSR received from the CLEC by one	\$3.50	\$3.50	\$3.50	\$3.50
of the OSS interactive interfaces	SOMEC	SOMEC	SOMEC	SOMEC
Incremental charge received from the CLEC by means other	See applicable rate element –	\$19.99	\$10.73	\$15.20
than one of the OSS interactive	applied on a per	applied on a per	applied on a per	applied on a per
interfaces	element basis	LSR basis	LSR basis	LSR basis
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by means other than one of these interactive interfaces (mail, fax, courier, etc.) will incur a manual order charge as specified in the table below:

For network elements and service for which BellSouth makes available an electronic ordering mechanism, Covad shall pay the manual ordering charge when it submits a manual order, unless Covad submitted the manual order when the electronic systems were non functional for any reason other than scheduled maintenance and downtime. For network elements and services for which BellSouth does not make available a electronic ordering mechanism, Covad shall pay the manual ordering rate for manually submitted orders. Notwithstanding the foregoing, if BellSouth's retail operations have electronic ordering capabilities for services analogous to those provided by BellSouth to Covad and BellSouth does not make electronic ordering available to Covad, Covad shall pay the electronic ordering rate for those services, irrespective of whether the orders are placed manually or electronically.

2.9.2 Denial/Restoral OSS Charge

In the event Covad 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.

2.9.3 Covad will incur an OSS charge for an accepted LSR that is later canceled by Covad, except when BellSouth does not deliver the loop within seven (7) days of the standard loop delivery interval for each particular loop.

Note: Supplements or clarifications to a previously billed LSR will not incur another OSS charge.

- 2.9.4 Network Elements and Other Services Manual Additive
- 2.9.4.1 The Commissions in some states have ordered per-element manual additive nonrecurring charges (NRC) for Network Elements and Other Services ordered by means

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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 on the Rate Tables in Exhibit A.

2. 10 Loop Makeup (LMU)

2.10.1 <u>Description of Service</u>

- 2.10.1.1 BellSouth shall make available to Covad loop makeup information so that Covad can make an independent judgment about whether the loop is capable of supporting the advanced services equipment Covad intends to install and the services Covad wishes to provide. This section addresses LMU as a *preordering* transaction, distinct from Covad ordering any other service(s). Loop Makeup Service Inquiries (LMUSI) for preordering loop makeup are likewise unique from other preordering functions with associated service inquiries (SI) as described in this Agreement.
- 2.10.1.2 BellSouth will provide Covad LMU information consistent with the effective FCC Rules, Orders and Regulations including 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.
- 2.10.1.3 BellSouth's LMU information is provided to Covad 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.
- 2.10.1.4 Covad 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. The determination shall be made solely by Covad 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 requested taking into consideration any requisite line conditioning. The LMU data is provided for informational purposes only and does not guarantee Covad's ability to provide advanced data services over the ordered loop type. Further, if Covad orders 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. Covad is fully responsible for any of its service configurations that may differ from BellSouth's technical standard for the loop type ordered.

2.10.2 <u>Submitting Loop Makeup Service Inquiries</u>

- 2.10.2.1 Covad may obtain LMU information by submitting a LMUSI mechanically or manually. Mechanized LMUSIs should be submitted through BellSouth's Operational Support Systems interfaces. After obtaining the loop from the mechanized LMUSI process, if Covad needs further loop information in order to determine loop service capability, Covad may initiate a separate Manual LMUSI for a separate nonrecurring charge as set forth in the rate exhibit for Attachment 2.
- 2.10.2.2 Manual LMUSIs shall be submitted by electronic-mail to BellSouth's Complex Resale Support Group (CRSG/Account Team utilizing the Preordering Loop Makeup Service Inquiry form. The service interval for the return of a Loop Makeup Manual Service Inquiry is three business days. Manual LMUSIs are not subject to expedite requests. This service interval is distinct from the interval applied to the subsequent service order.

2.10.3 Loop Reservations

- 2.10.3.1 Covad may reserve facilities for up to four (4) calendar days for each facility requested on a LMUSI from the time the LMU information is returned to Covad. During and prior to Covad placing an LSR, the reserved facilities are rendered unavailable to other customers, including BellSouth. If Covad does not submit an LSR for a UNE service on a reserved facility within the four-day reservation timeframe, the reservation of that spare facility will become invalid and the facility will be released. For a Mechanized LMUSI, Covad may reserve up to 10 loop facilities. For a Manual LMUSI, Covad may reserve up to 3 loop facilities.
- 2.10.3.2 Charges for preordering LMUSI are separate from any charges associated with ordering other services from BellSouth.
- 2.10.4 Ordering of Other UNE Services
- 2.10.4.1 All LSRs issued for reserved facilities shall reference the facility reservation number as provided by BellSouth. Covad will not be billed any additional LMU charges for the loop ordered on such LSR. If however, Covad does not reserve facilities upon an initial LMUSI, Covad's placement of an order for an advanced data service type facility shall be deemed placed for such a facility rate element that "includes manual service inquiry and reservation" per the rate matrix of this Attachment.
- 2.10.4.2 Where Covad has reserved multiple loop facilities on a single reservation, Covad may not specify which facility shall be provisioned when submitting the LSR. For those occasions, BellSouth will assign to Covad, subject to availability, a facility that meets the BellSouth technical standards of the BellSouth type loop as ordered by Covad. If the ordered loop type is not available, Covad may utilize the Unbundled Loop

Modification process or the Special Construction process, as applicable, to obtain the loop type ordered.

High Frequency Spectrum Network Element

BellSouth shall provide Covad access to the high frequency portion of the local loop as an unbundled network element ("High Frequency Spectrum") at the rates set forth in Exhibit C. BellSouth shall provide Covad with the High Frequency Spectrum irrespective of whether BellSouth chooses to offer xDSL services on the loop.

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 Covad 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 presumed acceptable for deployment pursuant to 47 C.F.R. Section 51.230, including, but not limited to, ADSL, RADSL, and any other xDSL technology that is presumed to be acceptable for deployment pursuant to FCC rules. 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. Covad shall only use xDSL technology that is within the PSD mask parameters set forth in T1.413 or other applicable industry standards. Covad shall provision xDSL service on the High Frequency Spectrum in accordance with the applicable Technical Specifications and Standards.

The following loop requirements are necessary for Covad to be able to access the High Frequency Spectrum: an unconditioned, 2-wire copper loop. An unconditioned 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. The process of removing such devices is called "conditioning." BellSouth shall charge and Covad shall pay as interim rates, the same rates that BellSouth charges for conditioning stand-alone loops as provided in this Interconnection Agreement (e.g., unbundled copper loops, ADSL loops, and HDSL loops) until permanent pricing for loop conditioning are established either by mutual agreement or by a state public utilities commission. The interim costs for conditioning are subject to true up as provided in this agreement. BellSouth will condition loops to enable Covad to provide xDSL-based services on the same loops the incumbent is providing analog voice service, regardless of loop length. BellSouth is not required to condition a loop in connection with Covad's access to the High Frequency Spectrum if conditioning of that loop impairs service from the end users perspective. If Covad requests that BellSouth condition a loop longer than 18,000 ft. and such conditioning significantly

Modification process or the Special Construction process, as applicable, to obtain the loop type ordered.

2.11 High Frequency Spectrum Network Element

- 2.11.1 BellSouth shall provide Covad access to the high frequency portion of the local loop as an unbundled network element ("High Frequency Spectrum") at the rates set forth in Exhibit C. BellSouth shall provide Covad with the High Frequency Spectrum irrespective of whether BellSouth chooses to offer xDSL services on the loop.
- 2.11.1.1 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 Covad 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 presumed acceptable for deployment pursuant to 47 C.F.R. Section 51.230, including, but not limited to, ADSL, RADSL, and any other xDSL technology that is presumed to be acceptable for deployment pursuant to FCC rules. 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. Covad shall only use xDSL technology that is within the PSD mask parameters set forth in T1.413 or other applicable industry standards. Covad shall provision xDSL service on the High Frequency Spectrum in accordance with the applicable Technical Specifications and Standards.
- The following loop requirements are necessary for Covad to be able to access the High 2.11.1.2 Frequency Spectrum: an unconditioned, 2-wire copper loop. An unconditioned 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. The process of removing such devices is called "conditioning." BellSouth shall charge and Covad shall pay as interim rates, the same rates that BellSouth charges for conditioning stand-alone loops as provided in this Interconnection Agreement (e.g., unbundled copper loops, ADSL loops, and HDSL loops) until permanent pricing for loop conditioning are established either by mutual agreement or by a state public utilities commission. The interim costs for conditioning are subject to true up as provided in this agreement. BellSouth will condition loops to enable Covad to provide xDSL-based services on the same loops the incumbent is providing analog voice service, regardless of loop length. BellSouth is not required to condition a loop in connection with Covad's access to the High Frequency Spectrum if conditioning of that loop impairs service from the end users perspective. If Covad requests that BellSouth condition a loop longer than 18,000 ft. and such conditioning significantly

degrades the voice services on the loop, Covad shall pay for the loop to be restored to its original state.

- 2.11.1.3 Covad's termination point is the point of termination for Covad's on the toll main distributing frame in the central office ("Termination Point"). BellSouth will use jumpers to connect Covad's connecting block to the splitter. The splitter will route the High Frequency Spectrum on the circuit to the Covad's xDSL equipment in the Covad's collocation space.
- 2.11.1.4 For the purposes of testing line shared loops, Covad shall have access to the test access point associated with the splitter and the demarcation point between BellSouth's network and Covad's network.

2.11.2 PROVISIONING OF HIGH FREQUENCY SPECTRUM AND SPLITTER SPACE

- 2.11.2.1 BellSouth will provide Covad with access to the High Frequency Spectrum as follows:
- 2.11.2.2 BellSouth will install splitters within thirty-six (36) calendar days of Covad's submission of such order to the BellSouth Complex Resale Support Group.
- 2.11.2.3 BellSouth shall provide Covad the status of manually submitted LSRs for end user line sharing orders through the PON Report on the CLEC Operations Website at <u>https://clec.bellsouth.com</u>.

Status shall include FOC Sent, Pending, Cancelled, In Clarification, Jeopardies or Rejected. A description of these statuses can be found on this website. This is a secure website. Passwords can be obtained from your account team.

For LSRs submitted through an electronic interface (EDI, TAG, LENS, RoboTAG), the following responses will be returned to Covad electronically: FOCs, Completion Notices, Errors/Clarifications, Pending Order Status, Jeopardies, e.g. missed appointments. Covad may view CSRs through LENs.

Covad may determine the status of its line sharing end user service orders through CSOTS (CLEC Service Order Tracking System). The service order statuses are described in the Pending Order Status Job Aid located on the web at <u>http://www.interconnection.bellsouth.com/markets/lec/oss_info.html</u>. Passwords for CSOTS can be obtained from the account team.

Covad may determine the status of its COSMOS/SWITCH work order for its line sharing end user orders through the COSMOS/SWITCH Line Sharing Report. These reports will provide the telephone number, CLLI code, cable and pair, splitter

assignment, status and in COSMOS service order number if pending. The reports also provide a summary including working pairs, pairs pending disconnect, pairs pending connect. The COSMOS/SWITCH report will be in a form that enables Covad to download it into an excel-type spreadsheet format. When Covad has received a Firm Order Confirmation ("FOC") on an order and the CSOTS system also shows that order as complete, but the order appears on the COSMOS/SWITCH report in the pending connect or pending disconnect status, Covad shall enter a trouble report through DLEC Tafi or report troubles to the BellSouth CWINS center. When Covad has received a FOC on an order and the order in pending in CSOTS beyond the due date of the order, then Covad shall check to see if BellSouth has provided a jeopardy or clarification notification via the PON Status Report. If there are no outstanding clarifications or jeopardies, Covad will contact the LCSC. The COSMOS/SWITCH report will be updated by 8:00 p.m., daily, Monday thru Sunday.

2.11.2.4 Covad shall be entitled to order the High Frequency Spectrum on lines served out of any central office where Covad has a splitter available for its use pursuant to Section 2.11.2.

2.11.2.5 BellSouth will select, purchase, install, and maintain a central office POTS splitter and provide Covad access to data ports on the splitter. In the event that BellSouth elects to use a brand of splitter other than Siecor, the Parties shall renegotiate the recurring and non-recurring rates associated with the splitter. In the event the Parties cannot agree upon such rates, the then current rates (final or interim) for the Siecor splitter shall be the interim rates for the new splitter. BellSouth will provide Covad with a carrier notification letter at least 30 days before such change and shall work collaboratively with Covad to select a mutually agreeable brand of splitter for use by BellSouth. Covad shall thereafter purchase ports on the splitter as set forth more fully below.

2.11.2.6 BellSouth will install the splitter in (i) a common area close to the Covad collocation area, if possible; or (ii) in a BellSouth relay rack as close to the Covad DSO termination point as possible. 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. Nothing in this section shall be construed as Covad's agreement that such placement is the most efficient network configuration. Moreover, nothing in this section shall be construed as Covad's agreement that TELRIC pricing rules or otherwise is a network configuration that would be used by an efficient forward looking provider of unbundled network elements. Notwithstanding the foregoing, neither Party waives any rights to take a position contrary to the provisions of this Section before any regulatory body regarding line sharing processes or rates. BellSouth will cross-connect the splitter data ports to a specified Covad DS0 at such time that a Covad end user's service is established.

- 2.11.2.7 The High Frequency Spectrum 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, and Covad desires to continue providing xDSL service on such loop, Covad shall be required to purchase the full stand-alone loop unbundled network element. In the event BellSouth disconnects the end-user's voice service pursuant to its tariffs or applicable law, and Covad desires to continue providing xDSL service on such loop, Covad shall be permitted to continue using the line by purchasing the full stand-alone loop unbundled network element. BellSouth shall give Covad notice in a reasonable time prior to disconnect, which notice shall give Covad an adequate opportunity to notify BellSouth of its intent to purchase such loop. The Parties shall work collaboratively towards the method of notification and the time periods for notice. In those cases in which BellSouth no longer provides voice service to the end user and Covad purchases the full stand-alone loop, Covad may elect the type of loop it will purchase. Covad will pay the appropriate recurring and non-recurring rates for such loop as set forth in Attachment 2 of the Agreement, including a voice grade loop.
- 2.11.2.8 Covad and BellSouth shall continue to work together collaboratively to develop systems and processes for provisioning the High Frequency Spectrum in various real life scenarios. BellSouth and Covad agree that Covad is entitled to purchase the High Frequency Spectrum on a loop that is provisioned over fiber-fed digital loop carrier. BellSouth will provide Covad with access to feeder sub-loops at UNE prices.

 BellSouth and Covad will work together to establish methods and procedures for providing Covad access to the High Frequency Spectrum over fiber fed digital loop carriers.
- 2.11.2.9 Only one competitive local exchange carrier shall be permitted access to the High Frequency Spectrum of any particular loop.
- 2.11.2.10 To order High Frequency Spectrum on a particular loop, Covad must have a DSLAM collocated in the central office that serves the end-user of such loop. BellSouth shall allow Covad to order splitters in central offices where Covad is in the process of obtaining collocation space. BellSouth shall install such splitters before the end of Covad's collocation provisioning interval.
- 2.11.2.11 BellSouth will devise a splitter order form that allows Covad to order splitter ports in increments of 8, 24 or 96 ports.
- 2.11.2.12 BellSouth will provide Covad the Local Service Request ("LSR") format to be used when ordering the High Frequency Spectrum.
- 2.11.2.13 BellSouth will provide Covad with access to the High Frequency Spectrum of the unbundled loop as follows:

For 1-5 lines at the same address within three (3) business days from BellSouth's issuance of a FOC; 6-10 lines at the same address within 5 business days from BellSouth's issuance of a FOC; and more than 10 lines at the same address is to be negotiated.

For manual orders, BellSouth will return a Firm Order Confirmation (FOC) in no more than twenty-four (24) business hours. For electronic orders, BellSouth will return a FOC in one (1) hour ninety-five percent (95%) of the time for orders that flowthrough. For orders that do not flow-through, BellSouth will return a FOC in twentyfour (24) business hours.

- 2.11.2.14 BellSouth shall perform testing to confirm that all in place splitters are correctly installed to the BellSouth frame. In the event any splitters are not correctly cabled or installed shall be corrected before February 28, 2001. BellSouth shall include testing to ensure splitters are correctly installed and cabled to the BellSouth frame as a part of the splitter installation process. If BellSouth informs Covad that a splitter has been installed for Covad's use, and that splitter is later found to have been incorrectly installed, BellSouth shall waive the nonrecurring charge for that splitter installation.
- 2.11.2.15 BellSouth shall test the data portion of the loop to insure the continuity of the wiring for Covad's data using the LSVT test-set for both the provisioning and maintenance of a loop. This test shall be performed from the Covad designated tie cable pair (which is connected to Covad's DSLAM) to the Main Distribution Frame (MDF) where the customer's cable pair leaves the BellSouth central office. This process will be implemented unless, and until, Covad and BellSouth mutually agree on another process. If BellSouth delivers a line shared loop that is not properly wired by BellSouth, BellSouth shall adjust the monthly recurring charge to reflect the day that the line shared loop was placed in service.

2.11.3 MAINTENANCE AND REPAIR

- 2.11.3.1 Covad shall have access, for test, repair, and maintenance purposes, to any loop as to which it has access to the High Frequency Spectrum. Covad may access the loop at the point where the combined voice and data signal exits the central office splitter.
- 2.11.3.2 BellSouth will be responsible for repairing voice services and the physical line between the network interface device at the customer premise and the Termination Point of demarcation in the central office. Covad will be responsible for repairing data services. Each Party will be responsible for maintaining its own equipment.

- 2.11.3.3 If the problem encountered appears to impact primarily the xDSL service, the end user should call Covad. If the problem impacts primarily the voice service, the end user should call BellSouth. If both services are impaired, the end user should contact BellSouth and Covad.
- 2.11.3.4 BellSouth and Covad will work together to diagnose and resolve any troubles reported by the end-user and to develop a process for repair of lines as to which Covad has access to the High Frequency Spectrum. The Parties will continue to work together to address customer initiated repair requests and other customer impacting maintenance issues to better support unbundling of High Frequency Spectrum.
- 2.11.3.4.1 The Parties will be responsible for testing and isolating troubles on its respective portion of the loop. Once a Party ("Reporting Party") has isolated a trouble to the other Party's ("Repairing Party") portion of the loop, the Reporting Party will notify the end user to report the trouble to the other service provider. The Repairing Party will take the actions necessary to repair the loop if it determines a trouble exists in its portion of the loop.
- 2.11.3.4.2 If a trouble is reported on either Party's portion of the loop and no trouble actually exists, the Repairing Party may charge the Reporting Party for any dispatching and testing (both inside and outside the central office) required by the Repairing Party in order to confirm the loop's working status.
- 2.11.3.5 In the event Covad's deployment of xDSL on the High Frequency Spectrum significantly degrades the performance of other advanced services or of BellSouth's voice service on the same loop, BellSouth shall notify Covad and allow twenty-four (24) hours to cure the trouble. If Covad fails to resolve the trouble, BellSouth may discontinue Covad's access to the High Frequency Spectrum on such loop.

2.11.4 PRICING

2.11.4.1 BellSouth and Covad agree to the negotiated, interim rates for the High Frequency Spectrum. All interim prices will be subject to true up based on either mutually agreed to permanent pricing or permanent pricing established in a line sharing cost proceeding conducted by state public utility commissions. In the event interim prices are established by state public utility commissions before permanent prices are established, either through arbitration or some other mechanism, the interim prices established in this Agreement will be changed to reflect the interim prices mandated by the state public utility commissions; however, no true up will be performed until mutually agreed to permanent prices are established or permanent prices are established by state public utility commissions.

2.11.4.2 BellSouth and Covad enter into this Agreement without waiving current or future relevant legal rights and without prejudicing any position BellSouth or Covad may take on relevant issues before state or federal regulatory or legislative bodies or courts of competent jurisdiction. This clause specifically contemplates but is not limited to:
(a) the positions BellSouth or Covad may take in any cost docket related to the terms and conditions associated with access to the High Frequency Spectrum; and (b) the positions that BellSouth or Covad might take before the FCC or any state public utility commission related to the terms and conditions under which BellSouth must provide Covad with access to the High Frequency Spectrum. The interim rates set forth in Exhibit C were adopted as a result of a compromise between the parties and do not reflect either party's position as to final rates for access to the High Frequency Spectrum.

Any element necessary for interconnection that is not identified above is priced as currently set forth in the Agreement. For additional terms and obligations sec 7 LQS Amendment (Effective from 3.16.04 to 12.31.04) Switching

All of the negotiated rates, terms and conditions set forth in this Section pertain to the provision of local and tandem switching.

3.1 Local Switching

3.

BellSouth shall provide non-discriminatory access to local circuit switching capability, and local tandem switching capability, on an unbundled basis, except as set forth below in Section 3.1.3 to Covad for the provision of a telecommunications service. BellSouth shall provide non-discriminatory access to packet switching capability on an unbundled basis to Covad for the provision of a telecommunications service only in the limited circumstance described below in Section 3.3.4.6.

3.1.1. Except as otherwise provided herein, BellSouth shall not impose any restrictions on Covad regarding the use of Switching Capabilities purchased from BellSouth provided such use does not result in demonstrable harm to either the BellSouth network or personnel or the use of the BellSouth network by BellSouth or any other telecommunication carrier.

3.1.2. Local Circuit Switching Capability, including Tandem Switching Capability

3.1.2.1 Definition

Local Circuit Switching Capability is defined as: (A) line-side facilities, which include, but are not limited to, the connection between a loop termination at a main distribution frame and a switch line card; (B) trunk-side facilities, which include, but are not limited to, the connection between trunk termination at a trunk-side cross-connect panel and a switch trunk card; and (C) All features, functions, and capabilities of the

AMENDMENT TO THE AGREEMENT BETWEEN DIECA COMMUNICATIONS, INC. d/b/a COVAD COMMUNICATIONS COMPANY AND BELLSOUTH TELECOMMUNICATIONS, INC. DATED DECEMBER 19, 2001

Pursuant to this Amendment, (the "Amendment"), DIECA Communications, Inc. d/b/a Covad Communications Company ("Covad"), and BellSouth Telecommunications, Inc. ("BellSouth"), hereinafter referred to collectively as the "Parties," hereby agree to amend that certain Interconnection Agreement between the Parties dated December 19, 2001 ("Agreement") to be effective on the date of the last signature executing the Amendment.

WHEREAS, BellSouth and Covad entered into the Agreement on December 19, 2001, and;

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

- 1. The Parties agree to add the following language to Attachment 2 of the Agreement:
- 2.12 For purposes of this Amendment, "LQS Bulk List" or "Bulk List" refers to an electronic file made available by BellSouth to Covad on at least a monthly basis via a mutually agree upon method.
- 2.12.1 The Bulk List is a single bulk file of ADSL qualified numbers across the BellSouth region, and the Bulk List will contain, at a minimum, a list of all BellSouth telephone numbers qualified for ADSL service including, at a minimum, the following:
 - 2.12.1.1 Information sufficient to allow Covad to determine, for each telephone number on the Bulk List, loop length and whether the loop can reach the customer premise without traversing fiber (i.e., is it an all-copper loop?);
 - 2.12.1.2 All fields contained in the External Response string (the first 2 rows of data) of BellSouth's Loop Qualification System (LQS) desktop application for qualified telephone numbers;
 - 2.12.1.3 A field for distinguishing between Central Office (CO) qualified numbers, CO-qualified numbers requiring pair rearrangements, and non-CO qualified numbers. For purposes of this Amendment, a "COqualified number" indicates a telephone number served by an all-copper loop (or capable of being served by an all copper loop after pair rearrangement) between the CO and the end-user premises.
 - 2.12.2 Covad will not distribute the LQS Bulk List to third parties. Notwithstanding this restriction, BellSouth understands that Covad uses

[CCCS Amendment 1 of 4]

LQS Amendment

the BellSouth LQS Bulk List together with Covad's proprietary information to develop a list of customers that Covad believes are likely to qualify for Covad's DSL services ("Prequalified DSL Customer List"). The Prequalified DSL Customer List will consist of the LQS Bulk List and Covad's proprietary information. BellSouth acknowledges that Covad may supply the Prequalified DSL Customer List to Covad's wholesale partners and its affiliated ISP, Covad.net (collectively, "Wholesale Partners") for the sole purpose of allowing Covad's Wholesale Partners to market Covad's DSL services either alone or as part of a bundle of telecommunications services. Nothing in this Agreement shall be construed to prevent Covad from providing the Prequalified DSL Customer List to Covad's wholesale partners.

- 2.12.3 The Parties acknowledge that they disagree about whether BellSouth is required by applicable law to provide the Bulk List to Covad. Nevertheless, Covad agrees to adhere to the terms and conditions enumerated below, and BellSouth agrees to provide Covad with access to LQS and a Bulk List of ADSL qualified customers from LQS subject to the change of law provisions in the Agreement:
- 2.12.3.1 BellSouth makes no claim as to the accuracy or completeness of either LQS or the Bulk List.
- 2.12.3.2 Covad is responsible for acting within the local, state, and federal law governing the use of the Bulk List for the purpose of, but not limited to, marketing of its own DSL service through direct mail or telemarketing. Furthermore, Covad hereby agrees to refrain from abusive telemarketing practices.
- 2.12.3.3 Covad agrees to use the LQS information and the Bulk List and/or any information directly derived from the Bulk List for the sole purpose of qualifying and selling its own DSL services (whether alone or in a package of other offerings). Covad will not disclose the stand-alone LQS information and/or the Bulk List to third parties, except as captured in the Prequalified DSL Customer List.
- 2.12.3.4 Covad will not use the Bulk List for the purpose of conducting research, marketing, qualifying, or selling products and/or services other than its own DSL services. This paragraph shall not be construed in a manner that would prevent Covad from providing the Prequalified DSL Customer List to its Wholesale Partners. Covad agrees, however, that its Wholesale Partners will not use the Prequalified DSL Customer List for any purpose other than to market Covad's wholesale DSL services either alone or as part of a bundle of telecommunications services.
- 2.12.3.5 BellSouth agrees to give Covad 30 days written notice should it ever intend to discontinue providing the Bulk List to Covad. In the event that Covad's right to the Bulk List is ever terminated, Covad agrees, upon written request of BellSouth, to immediately destroy or return all copies and/or components of the Bulk List. For purposes of this paragraph, the

term "immediately" shall be defined as a period of time not to exceed forty-eight (48) hours.

- 2. All of the other provisions of the Agreement, dated December 19, 2001, shall remain in full force and effect.
- 3. Either or both of the Parties is 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.

switch, which include, but are not limited to: (1) the basic switching function of connecting lines to lines, line to trunks, trunks to lines, and trunks to trunks, as well as the same basic capabilities made available to BellSouth's customers, such as a telephone number, white page listings, and dial tone; and (2) all other features that the switch is capable of providing, including but not limited to customer calling, customer local area signaling service features, and Centrex, as well as any technically feasible customized routing functions provided by the switch; (D) switching provided by remote switching modules.

3.1.2.2 When utilizing BellSouth's local circuit switching capability, local traffic shall be defined as set forth in Part B of the General Terms and Conditions.

3.1.3 Notwithstanding BellSouth's general duty to unbundle local circuit switching, BellSouth shall not be required to unbundle local circuit switching for Covad when Covad serves end-users with four (4) or more voice-grade (DS-0) equivalents or lines in locations served by BellSouth's local circuit switches, which are in 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, and BellSouth has provided non-discriminatory cost based access to the Enhanced Extended Link (EEL) throughout Density Zone 1 as determined by NECA Tariff No. 4 as in effect on January 1, 1999.

3.1.4 In the event that Covad orders local circuit switching for a single end user account name at a single physical end user location with four (4) or more two (2) wire voice-grade loops from a BellSouth central office listed on Exhibit A, BellSouth's sole recourse shall be to charge Covad a rate to be negotiated for use of the local circuit switching functionality for the affected facilities, or in the alternative, to charge Covad the local services resale rate for use of all Combinations used to provide the affected facilities to Covad.

3.1.5 A featureless port is one that has a line port, switching facilities, and an interoffice port. A featured port is a port that includes all features then capable or a number of then capable features specifically requested by Covad. Any features that are not currently then capable but are technically feasible through the switch can be requested through the BFR process.

3.1.6 BellSouth will provide to Covad customized routing of calls: (i) to a requested directory assistance services platform; (ii) to an operator services platform pursuant to Section 10 of Attachment 2; (iii) for Covad's PIC'ed toll traffic in a two (2) PIC environment to an alternative OS/DA platform designated by Covad. Covad customers may use the same dialing arrangements as BellSouth customers.

3.1.7 Remote Switching Module functionality is included in Switching Capability. The switching capabilities used will be based on the line side features they support.

- 3.1.8 Switching Capability will also be capable of routing local, intraLATA, interLATA, and calls to international customer's preferred carrier; call features (e.g. call forwarding) and Centrex capabilities.
- 3.1.9 Where required to do so in order to comply with an effective Commission order, BellSouth will provide to Covad purchasing local BellSouth switching and reselling BellSouth local exchange service under Attachment 1, selective routing of calls to a requested directory assistance services platform or operator services platform. Covad customers may use the same dialing arrangements as BellSouth customers, but obtain a Covad branded service.
- 3.2 <u>Technical Requirements</u>
- 3.2.1 The requirements set forth in this Section apply to Local Switching, but not to the Data Switching function of Local Switching.
- 3.2.1.1 Local Switching shall be equal to or better than the requirements for Local Switching set forth in the applicable industry standard technical references.
- 3.2.1.2 When applicable, BellSouth shall route calls to the appropriate trunk or lines for call origination or termination.
- 3.2.1.3 Subject to this section, BellSouth shall route calls on a per line or per screening class basis to (1) BellSouth platforms providing Network Elements or additional requirements (2) Operator Services platforms, (3) Directory Assistance platforms, and (4) Repair Centers. Any other routing requests by Covad will be made pursuant to the Bona Fide Request/ New Business Request Process as set forth in General Terms and Conditions.
- 3.2.1.4 BellSouth shall provide unbranded recorded announcements and call progress tones to alert callers of call progress and disposition.
- 3.2.1.5 BellSouth shall activate service for a Covad customer or network interconnection on any of the Local Switching interfaces. This includes provisioning changes to change a customer from BellSouth's services to Covad's services without loss of switch feature functionality as defined in this Agreement.
- 3.2.1.6 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.
- 3.2.1.7 BellSouth shall repair and restore any equipment or any other maintainable component that may adversely impact Local Switching.

- 3.2.1.8 BellSouth shall control congestion points such as those caused by radio station callins, and network routing abnormalities. All traffic shall be restricted in a nondiscriminatory manner.
- 3.2.1.9 BellSouth shall perform manual call trace and permit customer originated call trace.
- 3.2.1.10 Special Services provided by BellSouth will include the following:
- 3.2.1.10.1 Telephone Service Prioritization;
- 3.2.1.10.2 Related services for handicapped;
- 3.2.1.10.3 Soft dial tone where required by law; and
- 3.2.1.10.4 Any other service required by law.
- 3.2.1.11 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.
- 3.2.1.12 BellSouth shall provide interfaces to adjuncts through Telcordia (formerly BellCore) standard interfaces. These adjuncts can include, but are not limited to, the Service Circuit Node and Automatic Call Distributors.
- 3.2.1.13 BellSouth shall provide performance data regarding a customer line, traffic characteristics or other measurable elements to Covad, upon a reasonable request from Covad. CLEC will pay BellSouth for all costs incurred to provide such performance data through the Business Opportunity Request process.
- 3.2.1.14 BellSouth shall offer Local Switching that provides feature offerings at parity to those provided by BellSouth to itself or any other Party. Such feature offerings shall include but are not limited to:
- 3.2.1.14.1 Basic and primary rate ISDN;
- 3.2.1.14.2 Residential features;

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- 3.2.1.14.3 Customer Local Area Signaling Services (CLASS/LASS);
- 3.2.1.14.4 CENTREX (including equivalent administrative capabilities, such as customer accessible reconfiguration and detailed message recording); and
- 3.2.1.14.5 Advanced intelligent network triggers supporting Covad and BellSouth service applications.

- 3.2.2 BellSouth shall offer to Covad all AIN triggers in connection with its SMS/SCE offering which are supported by BellSouth for offering AIN-based services. Triggers that are currently available are:
- 3.2.2.1 Off-Hook Immediate
- 3.2.2.2 Off-Hook Delay
- 3.2.2.3 Termination Attempt
- 3.2.2.4 6/10 Public Office Dialing Plan
- 3.2.2.5 Feature Code Dialing
- 3.2.2.6 Customer Dialing Plan
- 3.2.3 When the following triggers are supported by BellSouth, BellSouth will make these triggers available to Covad:
- 3.2.3.1 Private EAMF Trunk
- 3.2.3.2 Shared Interoffice Trunk (EAMF, SS7)
- 3.2.3.3 N11
- 3.2.3.4 Automatic Route Selection
- 3.2.4 Where capacity exists, BellSouth shall assign each Covad customer line the class of service designated by Covad (e.g., using line class codes or other switch specific provisioning methods), and shall route directory assistance calls from Covad customers to Covad directory assistance operators at Covad's option.
- 3.2.5 Where capacity exists, BellSouth shall assign each Covad customer line the class of services designated by Covad (e.g., using line class codes or other switch specific provisioning methods) and shall route operator calls from Covad customers to Covad operators at Covad's option. For example, BellSouth may translate 0- and 0+ intraLATA traffic, and route the call through appropriate trunks to a Covad Operator Services Position System (OSPS). Calls from Local Switching must pass the ANI-II digits unchanged.
- 3.2.6 Local Switching shall be offered in accordance with the technical specifications set forth in the applicable industry standard references.
- 3.2.7 Interface Requirements
- 3.2.7.1 BellSouth shall provide the following interfaces to loops:

- 3.2.7.1.1 Standard Tip/Ring interface including loop start or ground start, on-hook signaling (e.g., for calling number, calling name and message waiting lamp);
- 3.2.7.1.2 Coin phone signaling;
- 3.2.7.1.3 Basic Rate Interface ISDN adhering to appropriate Telcordia (formerly BellCore) Technical Requirements;
- 3.2.7.1.4 Two-wire analog interface to PBX;
- 3.2.7.1.5 Four-wire analog interface to PBX;
- 3.2.7.1.6 Four-wire DS1 interface to PBX or customer provided equipment (e.g. computers and voice response systems);
- 3.2.7.1.7 Primary Rate ISDN to PBX adhering to ANSI standards Q.931, Q.932 and appropriate Telcordia (formerly BellCore) Technical Requirements;
- 3.2.7.1.8 Switched Fractional DS1 with capabilities to configure Nx64 channels (where N = 1 to 24); and
- 3.2.7.1.9 Loops adhering to Telcordia (formerly BellCore) TR-NWT-08 and TR-NWT-303 specifications to interconnect Digital Loop Carriers.
- 3.2.7.2 BellSouth shall provide access to the following but not limited to:
- 3.2.7.2.1 SS7 Signaling Network or Multi-Frequency trunking if requested by Covad;
- 3.2.7.2.2 Interface to Covad operator services systems or Operator Services through appropriate trunk interconnections for the system; and
- 3.2.7.2.3 Interface to Covad Directory Assistance Services through the Covad switched network or to Directory Assistance Services through the appropriate trunk interconnections for the system; and 950 access or other Covad required access to interexchange carriers as requested through appropriate trunk interfaces.

3.3 Tandem Switching

3.3.1 Definition

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Tandem Switching is the function that establishes a communications path between two switching offices through a third switching office (the Tandem switch).

3.3.2 <u>Technical Requirements</u>

- 3.3.2.1 Tandem Switching shall have the same capabilities or equivalent capabilities as those described in Bell Communications Research TR-TSY-000540 Issue 2R2, Tandem Supplement, 6/1/90. The requirements for Tandem Switching include, but are not limited to the following:
- 3.3.2.1.1 Tandem Switching shall provide signaling to establish a tandem connection;
- 3.3.2.1.2 Tandem Switching will provide screening as jointly agreed to by Covad and BellSouth;
- 3.3.2.1.3 Tandem Switching shall provide Advanced Intelligent Network 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;
- 3.3.2.1.4 Tandem Switching shall provide access to Toll Free number portability database as designated by Covad;
- 3.3.2.1.5 Tandem Switching shall provide all trunk interconnections discussed under the "Network Interconnection" section (e.g., SS7, MF, DTMF, DialPulse, PRI-ISDN, DID, and CAMA-ANI (if appropriate for 911));
- 3.3.2.1.5.1 Tandem Switching shall provide connectivity to PSAPs where 911 solutions are deployed and the tandem is used for 911; and
- 3.3.2.1.5.2 Where appropriate, Tandem Switching shall provide connectivity to transit traffic to and from other carriers.
- 3.3.2.1.6 Tandem Switching shall accept connections (including the necessary signaling and trunking interconnections) between end offices, other tandems, IXCs, ICOs, CAPs and CLEC switches.
- 3.3.2.1.7 Tandem Switching shall provide local tandeming functionality between two end offices including two offices belonging to different CLEC's (e.g., between a CLEC end office and the end office of another CLEC).
- 3.3.2.1.8 Tandem Switching shall preserve CLASS/LASS features and Caller ID as traffic is processed.
- 3.3.2.1.9 Tandem Switching shall record billable events and send them to the area billing centers designated by Covad. Tandem Switching will provide recording of all billable events as jointly agreed to by Covad and BellSouth.
- 3.3.2.1.10 Upon a reasonable request from Covad, BellSouth shall perform routine testing and fault isolation on the underlying switch that is providing Tandem Switching and all its interconnections. The results and reports of the testing shall be made immediately available to Covad.

- 3.3.2.1.11 BellSouth shall maintain Covad's trunks and interconnections associated with Tandem Switching at least at parity to its own trunks and interconnections.
- 3.3.2.1.12 BellSouth shall control congestion points and network abnormalities. All traffic will be restricted in a non-discriminatory manner.
- 3.3.2.1.13 Selective Call Routing through the use of line class codes is not available through the use of tandem switching. Selective Call Routing through the use of line class codes is an end office capability only. Detailed primary and overflow routing plans for all interfaces available within BellSouth's switching network shall be mutually agreed to by Covad and BellSouth.
- 3.3.2.1.14 Tandem Switching shall process originating toll-free traffic received from Covad's local switch.
- 3.3.2.1.15 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.
- 3.3.2.2 Interface Requirements
- 3.3.2.2.1 Tandem Switching shall provide interconnection to the E911 PSAP where the underlying Tandem is acting as the E911 Tandem.
- 3.3.2.2.2 Tandem Switching shall interconnect, with direct trunks, to all carriers with which BellSouth interconnects.
- 3.3.2.2.3 BellSouth shall provide all signaling necessary to provide Tandem Switching with no loss of feature functionality.
- 3.3.2.2.4 Tandem Switching shall interconnect with Covad's switch, using two-way trunks, for traffic that is transiting via BellSouth's network to interLATA or intraLATA carriers. At Covad's request, Tandem Switching shall record and keep records of traffic for billing.
- 3.3.2.2.5 Tandem Switching shall provide an alternate final routing pattern for Covad's traffic overflowing from direct end office high usage trunk groups.
- 3.3.2.2.6 Tandem Switching shall be equal or better than the requirements for Tandem Switching set forth in the applicable technical references.

3.4 AIN Selective Carrier Routing for Operator Services, Directory Assistance and Repair Centers

- 3.4.1 BellSouth will provide AIN Selective Carrier Routing at the request of Covad. AIN Selective Carrier Routing will provide Covad with the capability of routing operator calls, 0+ and 0- and 0+ NPA (LNPA) 555-1212 directory assistance, 1+411 directory assistance and 611 repair center calls to pre-selected destinations.
- 3.4.2 Covad shall order AIN Selective Carrier Routing through its Account Team. AIN Selective Carrier Routing must first be established regionally and then on a per central office, per state basis.
- 3.4.3 AIN Selective Carrier Routing is not available in DMS 10 switches.
- 3.4.4 Where AIN Selective Carrier Routing is utilized by Covad, the routing of Covad's end user calls shall be pursuant to information provided by Covad and stored in BellSouth's AIN Selective Carrier Routing Service Control Point database. AIN Selective Carrier Routing 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 Selective Carrier Routing is established.
- 3.4.5 Upon ordering of AIN Selective Carrier Routing Regional Service, Covad shall remit to BellSouth the Regional Service Order non-recurring charges set forth in Exhibit A of this Attachment. There shall be a non-recurring End Office Establishment Charge per office due at the addition of each central office where AIN Selective Carrier Routing will be utilized. Said non-recurring charge shall be as set forth in Exhibit A of this Attachment. For each Covad end user activated, there shall be a non-recurring End User Establishment charge as set forth in Exhibit A of this Attachment, payable to BellSouth pursuant to the terms of the General Terms and Conditions, incorporated herein by this reference. Covad shall pay the AIN Selective Carrier Routing Per Query Charge set forth in Exhibit A of this Attachment.
- 3.4.6 This Regional Service Order non-recurring charge will be non-refundable and will be paid with 1/2 coming up-front with the submission of all fully completed required forms, including: Regional Selective Carrier Routing (SCR) Order Request-Form A, Central Office AIN Selective Carrier Routing (SCR) 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 30 days to respond to the client's fully completed firm order as a Regional Service Order. With the delivery of this firm order response to the client, BellSouth considers that the delivery schedule of this service commences. The remaining 1/2 of the Regional Service Order payment must be paid when at least 90% of the Central Offices listed on the original order have been turned up for the service.

- 3.4.7 The non-recurring End Office Establishment Charge will be billed to the client following our normal monthly billing cycle for this type of order.
- 3.4.8 End-User Establishment Orders will not be turned-up until the 2nd payment is received for the Regional Service Order. The non-recurring End-User Establishment Charges will be billed to the client following our normal monthly billing cycle for this type of order.
- 3.4.9 Additionally, the AIN Selective Carrier Routing Per Query Charge will be billed to the client following the normal billing cycle for per query charges.
- 3.4.10 All other network components needed, for example, unbundled switching and unbundled local transport, etc, will be billed according per contracted rates.

3.5 Packet Switching Capability

3.5.1 Definition

Packet Switching Capability. The packet switching capability network element is defined as the basic packet switching function of routing or forwarding packets, frames, cells or other data units based on address or other routing information contained in the packets, frames, cells or other data units, and the functions that are performed by Digital Subscriber Line Access Mulitplexers, including but not limited to:

- 3.5.2 The ability to terminate copper customer loops (which includes both a low band voice channel and a high-band data channel, or solely a data channel);
- 3.5.3 The ability to forward the voice channels, if present, to a circuit switch or multiple circuit switches;
- 3.5.4 The ability to extract data units from the data channels on the loops, and
- 3.5.5 The ability to combine data units from multiple loops onto one or more trunks connecting to a packet switch or packet switches.
- 3.5.6 BellSouth shall be required to provide non-discriminatory access to unbundled packet switching capability only where each of the following conditions are satisfied:
- 3.5.6.1 BellSouth has deployed digital loop carrier systems, including but not limited to, integrated digital loop carrier or universal digital loop carrier systems; or has deployed any other system in which fiber optic facilities replace copper facilities in the distribution section (e.g., end office to remote terminal, pedestal or environmentally controlled vault);

- There are no spare copper loops capable of supporting the xDSL services Covad seeks 3.5.6.2 to offer:
- BellSouth has not permitted Covad to deploy a Digital Subscriber Line Access 3.5.6.3 Multiplexer at the remote terminal, pedestal or environmentally controlled vault or other interconnection point as defined in Section 2 of the Remote Site Collocation Attachment, nor has the Covad obtained a virtual collocation arrangement at these subloop interconnection points as defined by 47 C.F.R. § 51.319 (b); and
- 3.5.6.4 BellSouth has deployed packet switching capability for its own use.
- If there is a dispute as to whether BellSouth must provide Packet Switching, such 3.5.7 dispute will be resolved according to the dispute resolution process set forth in Section 12 of the General Terms and Conditions of this Agreement, incorporated herein by this reference.

3.6 **Interoffice Transmission Facilities**

BellSouth shall provide nondiscriminatory access, in accordance with FCC Rule 51.311 and Section 251(c)(3) of the Act, to interoffice transmission facilities on an unbundled basis to Covad for the provision of a telecommunications service.

3.7 Rates

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The prices that Covad shall pay to BellSouth for Network Elements and Other Services are set forth in Exhibit C to this Attachment.

3.8 **Operational Support Systems (OSS)**

The terms, conditions and rates for OSS are as set forth in Section 2.9 of this Attachment.

Unbundled Network Element Combinations

- Unbundled Network Element Combinations shall include +) Enhanced Extended Links 4.1 (EELs) 2) Other Non-Switched Transport Combinations 3) UNE Loop/Special Access Combinations and 4) UNE Loop/Port Combinations.
- For purposes of this Section, references to "Currently Combined" network elements 4.2 shall mean that such network elements are in fact already combined by BellSouth in the BellSouth network to provide service to a particular end user at a particular location.

Enhanced Extended Links (EELs)

entried follows) * Sections 4 ?5 are repeaced with Attachment 2 Exhibit 6, pps. 1-7 to FL Rate Amendment (DD) Page 43 • Effective 11/Ke/2002

- 4.3.1 Where facilities permit and where necessary to comply with an effective FCC and/or State Commission order, or as otherwise mutually agreed by the Parties, BellSouth shall offer access to loop and transport combinations, also known as the Enhanced Extended Link ("EEL") as defined in Section 4.3.2 below.
- 4.3.2 Subject to Section 4.3.4 below, BellSouth will provide access to the EEL in the combinations set forth in Section 4.3.5 following. Covad shall/provide to BellSouth a letter certifying that Covad is providing a significant amount of local exchange service (as described in Sections 4.3.8.1.1, 4.3.8.1.2, 4.3.8.1.3 or 4.3.8.2) over such combinations. This offering is intended to provide connectivity from an end user's location through that end user's SWC to Covad's POP serving wire center. The circuit must be connected to Covad's switch for the purpose of provisioning telephone exchange service to Covad's end-user customers, The EEL will be connected to Covad's facilities in Covad's collocation space at the POP SWC, or Covad may purchase BellSouth's access facilities betweep Covad's POP and Covad's collocation space at the POP SWC.
- 4.3.3 When ordering EEL combinations, Corad shall provide to BellSouth a letter certifying that Covad will provide a significant amount of local exchange service over the requested combination, as described in Section 4.3.6 below, and shall indicated under what local usage option Covad seeks to qualify. Covad shall be deemed to be providing a significant amount of local exchange service if one of the three (3) options set forth in Sections 4.3.8.1.1/ through 4.3.8.1.3 is met. BellSouth shall have the right to audit Covad's records to verify that Covad is meeting the applicable local usage requirements. Such audit shall comply with the terms of Section 4.3.8.3 of this Attachment.
- BellSouth shall provide EEL combinations to Covad in Georgia, Kentucky, Louisiana, 4.3.4 Mississippi and Tennessee regardless of whether or not such EELs are Currently Combined. In all other states, BellSouth shall make available to Covad those EEL combinations described in Section 4.3.5 below only to the extent such combinations are Currently Combined. Furthermore, BellSouth will make available EEL combinations to Covad in density Zone 1, as defined in 47 C.F.R. 69.123 as of January 1, 1999, in the Atlanta, GA; Miami, FL; Orlando, FL; Ft. Lauderdale, FL; Charlotte-Gastonia-Rock Hill, XC; Greensboro-Winston Salem-High Point, NC; Nashville, TN; and New Orleans, LA, MSAs regardless of whether or not such EELs are Currently Combined. Except as stated above, EELs will be provided to Covad only to the extent such network elements are Currently Combined.

EEL Combinations

DS1 Interoffice Channel + DS1 Channelization + 2-wire VG Local Loop 4.3⁄5.1

.3.5.2 DS1 Interoffice Channel + DS1 Channelization + 4-wire VG Local Loop

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4.3.5

4. Unbundled Network Element Combinations

4.1

unded Network Element Combinations

For purposes of this Section, references to "Currently Combined" network elements shall mean that the particular network elements requested by Covad 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 Covad are not already combined by BellSouth in the location requested by Covad 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 Covad are not elements that BellSouth combines for its use in its network.

4.2 Enhanced Extended Links (EELs)

- 4.2.1 EELs are combinations of unbundled loops and unbundled dedicated transport as defined in Section 6. BellSouth shall provide Covad with EELs where they are available.
- 4.2.2 BellSouth will provide access to EELs in the combinations set forth in Section 4.4.1 below.
- EELs are intended to provide service connectivity from an end user's 4.2.3 location through that end user's SWC to Covad's collocation space in a BellSouth central office. The circuit must be connected to the Covad's switch for the purpose of provisioning circuit telephone exchange service to the Covad's end-user customers. Covad may connect EELs within the Covad's collocation space to other transport terminating into Covad's switch. Covad may also connect the local loops listed in Section 4.3.1.3 to an appropriate Unbundled Local Channel to form additional EELs which terminate in Covad's switch. Provided that the entire EEL circuit meets the criteria set forth in Section 4.3.1.3 below, the circuit may, upon Covad's request, terminate to a CLEC's Point of Presence ("POP"). Covad will provide a significant amount of local exchange service over the requested combination, as described in Section 4.3.1 et seq. below. Upon BellSouth's request, Covad shall indicate under what local usage option Covad seeks to qualify. Covad shall be deemed to providing a significant amount of local exchange service over the requested combination if one of the options listed in Section 4.3.1 et seq. is met. BellSouth shall have the right to audit Covad's EELs as specified in Section 4.3.3 below.
- 4.3

Conversions from Special Access Service to EELs

4.3.1

Covad may not convert existing special access services to combinations of loop and transport network elements, whether or not Covad self-provides its entrance facilities (or obtains entrance facilities from a third party), unless Covad uses the combination to provide a significant amount of local exchange service, in addition to exchange access service, to a particular customer. To the extent Covad requests to convert any special access services to combinations of loop and transport network elements at UNE prices, Covad shall provide to BellSouth a certification that Covad is providing a significant amount of local exchange service (as described in this Section) over such combinations. The certification shall also indicate under what local usage option Covad seeks to qualify for conversion of special access circuits. Covad shall be deemed to be providing a significant amount of local exchange service over such combinations if one of the following options is met:

4.3.1.1

Option 1: Covad certifies that it is the exclusive provider of an end user's local exchange service. The loop-transport combinations must terminate at Covad's collocation arrangement in at least one BellSouth central office. This option does not allow loop-transport combinations to be connected to BellSouth's tariffed services. Under this option, Covad is the end user's only local service provider, and thus is providing more than a significant amount of local exchange service. Covad can then use the loop-transport combinations that serve the end user to carry any type of traffic, including using them to carry 100 percent interstate access traffic; or

4.3.1.2 **Option 2:** Covad certifies that it provides local exchange and exchange access service to the end user customer's premises and handles at least one third of the end user customer's local traffic measured as a percent of total end user customer local dial tone lines; and for DS1 circuits and above, at least 50 percent of the activated channels on the loop portion of the loop-transport combination have at least 5 percent local voice traffic individually, and the entire loop facility has at least 10 percent local voice traffic. When a loop-transport combination includes multiplexing, each of the individual DS1 circuits must meet this criterion. The loop-transport combination must terminate at Covad's collocation arrangement in at least one BellSouth central office. This option does not allow loop-transport combinations to be connected to BellSouth tariffed services; or

4.3.1.3 **Option 3:** Covad certifies that at least 50 percent of the activated channels on a circuit are used to provide originating and terminating local dial tone service and at least 50 percent of the traffic on each of these local dial tone channels is local voice traffic, and that the entire loop facility has at least 33 percent local voice traffic. When a loop-transport combination includes multiplexing, each of the individual DS1 circuits must meet this criterion. This option does not allow loop-transport combinations to be connected to BellSouth's tariffed services. Under this option, collocation is not required. Covad does not need to provide a defined portion of the end user's local service, but the active channels on any loop-transport combination, and the entire facility, must carry the amount of local

exchange traffic specified in this option.

4.3.2 In addition, there may be extraordinary circumstances where Covad is providing a significant amount of local exchange service but does not qualify under any of the three options set forth in Section 4.3.1 et seq. In such case, Covad may petition the FCC for a waiver of the local usage options set forth above. If a waiver is granted, then upon Covad's request the Parties shall amend this Agreement to the extent necessary to incorporate the terms of such waiver for such extraordinary circumstance.

BellSouth may, at its sole discretion, audit Covad's records in order to 4.3.3 verify compliance with the local usage option provided by Covad pursuant to Section 4.3.1. The audit shall be conducted by a third party independent auditor, and Covad shall be given thirty days written notice of scheduled audit. Such audit shall occur no more than one time in a calendar year unless results of an audit find noncompliance with the significant amount of local exchange service requirement. In the event of noncompliance, Covad shall reimburse BellSouth for the cost of the audit. If, based on the audit, Covad is not providing a significant amount of local exchange traffic over the combinations of loop and transport network elements, BellSouth will convert such combinations of loop and transport network elements to special access services in accordance with BellSouth's tariffs and will bill Covad for appropriate retroactive reimbursement. If the Parties disagree as to whether the audits indicate that Covad is not providing a significant amount of local exchange traffic, the dispute will be resolved according to the dispute resolution process set forth in Section 12 of the General Terms and Conditions of this Agreement incorporated herein by this reference.

4.3.4 In the event Covad converts special access circuits to combinations of loop and transport UNEs pursuant to the terms of this Section, Covad shall be subject to the termination liability provisions in the applicable special access tariffs, if any.

4.4 Rates

- 4.4.1 Currently Combined EELs listed below in Sections 4.4.1.1-4.4.1.14 shall be billed at the nonrecurring switch-as-is charge and recurring charges for that combination as set forth in Exhibit C of this Attachment. Currently Combined EELs not listed below shall be billed at the sum of the nonrecurring and recurring charges for the individual network elements that comprise the combination as set forth in Exhibit C of this Attachment.
- 4.4.1.1 DS1 Interoffice Channel + DS1 Channelization + 2-wire VG Local Loop

4.4.1.2	DS1 Interoffice Channel + DS1 Channelization + 4-wire VG Local Loop
4.4.1.3	DS1 Interoffice Channel + DS1 Channelization + 2-wire ISDN Local Loop
4.4.1.4	DS1 Interoffice Channel + DS1 Channelization + 4-wire 56 kbps Local Loop
4.4.1.5	DS1 Interoffice Channel + DS1 Channelization + 4-wire 64 kbps Local Loop
4.4.1.6	DS1 Interoffice Channel + DS1 Local Loop
4.4.1.7	DS3 Interoffice Channel + DS3 Local Loop
4.4.1.8	STS-1 Interoffice Channel + STS-1 Local Loop
4.4.1.9	DS3 Interoffice Channel + DS3 Channelization + DS1 Local Loop
4.4.1.10	STS-1 Interoffice Channel + DS3 Channelization + DS1 Local Loop
4.4.1.11	2-wire VG Interoffice Channel + 2-wire VG Local Loop
4.4.1.12	4wire VG Interoffice Channel + 4-wire VG Local Loop
4.4.1.13	4-wire 56 kbps Interoffice Channel + 4-wire 56 kbps Local Loop
4.4.1.14	4-wire 64 kbps Interoffice Channel + 4-wire 64 kbps Local Loop
4.4.2	Ordinarily Combined EELs listed above shall be billed the sum of the nonrecurring and recurring charges for that combination as set forth in Exhibit C of this Attachment. Ordinarily combined EELs not listed in Sections 4.4.1.1-4.4.1.14 shall be billed the sum of the nonrecurring charges and recurring charges for the individual network elements that comprise the combination as set forth in Exhibit C of this Attachment.
4.4.3	To the extent that Covad requests an EEL combination Not Typically Combined in the BellSouth network, the rates, terms and conditions shall be determined pursuant to the Bona Fide Request Process.

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4.5 UNE Port/Loop Combinations

- 4.5.1 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 2 and the ability to presubscribe to a primary carrier for intraLATA toll service.
- 4.5.2 BellSouth shall make available UNE port/loop combinations, regardless of whether such combinations are Currently Combined, as long as such combinations are Ordinarily Combined in BellSouth's network.
- 4.5.3 Except as set forth in Section 4.5.4 below, BellSouth shall provide UNE port/loop combinations described in Section 4.5.6 below that are Currently Combined or Ordinarily Combined in BellSouth's network at the costbased rates in Exhibit C. Except as set forth in Section 4.5.4 below, BellSouth shall provide UNE port/loop combinations not described in Section 4.5.6 below or Not Typically Combined Combinations in accordance with the Bona Fide Request process.
- 4.5.4 BellSouth is not required to provide combinations of port and loop network elements on an unbundled basis in locations where, pursuant to FCC rules, BellSouth is not required to provide circuit switching as an unbundled network element.
- 4.5.4.1 BellSouth shall not be required to provide local circuit switching as an unbundled network element 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 Covad if Covad's customer has 4 or more DS0 equivalent lines.
- 4.5.4.2 Notwithstanding the foregoing, BellSouth shall provide combinations of port and loop network elements on an unbundled basis where, pursuant to FCC rules, BellSouth is not required to provide local circuit switching as an unbundled network element and shall do so at the market rates in Exhibit C. If a market rate is not set forth in Exhibit C for a UNE port/loop combination, such rate shall be negotiated by the Parties.
- 4.5.5 BellSouth shall make 911 updates in the BellSouth 911 database for Covad's UNE port/loop combinations. BellSouth will not bill Covad for 911 surcharges. Covad is responsible for paying all 911 surcharges to the applicable governmental agency.
- 4.5.6 Combination Offerings
- 4.5.6.1 2-wire voice grade port, voice grade loop, unbundled end office switching, unbundled end office trunk port, common transport per mile per MOU,

common transport facilities termination, tandem switching, and tandem trunk port.

- 4.5.6.2 2-wire voice grade Coin port, voice grade loop, unbundled end office switching, unbundled end office trunk port, common transport per mile per MOU, common transport facilities termination, tandem switching, and tandem trunk port.
- 4.5.6.3 2-wire voice grade DID port, voice grade loop, unbundled end office switching, unbundled end office trunk port, common transport per mile per MOU, common transport facilities termination, tandem switching, and tandem trunk port.
- 4.5.6.4 2-wire CENTREX port, voice grade loop, CENTREX intercom functionality, unbundled end office switching, unbundled end office trunk port, common transport per mile per MOU, common transport facilities termination, tandem switching, and tandem trunk port.
- 4.5.6.5 2-wire ISDN Basic Rate Interface, voice grade loop, unbundled end office switching, unbundled end office trunk port, common transport per mile per MOU, common transport facilities termination, tandem switching, and tandem trunk port.
- 4.5.6.6 4-wire ISDN Primary Rate Interface, DS1 loop, unbundled end office switching, unbundled end office trunk port, common transport per mile per MOU, common transport facilities termination, tandem switching, and tandem trunk port.
- 4.5.6.7 4-wire DS1 Trunk port, DS1 Loop, unbundled end office switching, unbundled end office trunk port, common transport per mile per MOU, common transport facilities termination, tandem switching, and tandem trunk port.
- 4.5.6.8 4-wire DS1 Loop with normal serving wire center channelization interface, 2-wire voice grade ports (PBX), 2-wire DID ports, unbundled end office switching, unbundled end office trunk port, common transport per mile per MOU, common transport facilities termination, tandem switching, and tandem trunk port.

4.6 Other UNE Combinations

- 4.6.1 BellSouth shall provide other Currently Combined and Ordinarily Combined and Not Typically Combined UNE Combinations to Covad in addition to those specifically referenced in this Section 4 above, where available. Such combinations shall not be connected to BellSouth tariffed services. To the extent Covad requests a combination for which BellSouth does not have 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.
- 4.6.2 Rates

The rates for Ordinarily Combined UNE Combinations shall be the sum of the recurring rates and nonrecurring rates for the stand-alone network elements as set forth in Exhibit C of this Attachment. The rates for Currently Combined UNE Combinations shall be the sum of the recurring rates for the stand-alone network elements as set forth in Exhibit C, in addition to a nonrecurring charge set forth in Exhibit C. To the extent Covad requests a Not Typically Combined Combination, or to the extent Covad requests any combination for which BellSouth has not developed methods and procedures to provide such combination, rates and/or methods and procedures for such combination shall be established pursuant to the BFR/NBR process.

4.6.3

6. Transport and Dark Fiber

All of the negotiated rates, terms and conditions set forth in this Section pertain to the provision of unbundled transport and dark fiber.

6.1. Transport

6.1.1 Definition of Common (Shared) Transport

Common (Shared) Transport is an interoffice transmission path between two BellSouth end-offices, BellSouth end-office and a local tandem, or between two local tandems. Where BellSouth Network Elements are connected by intra-office wiring, such wiring is provided as a part of the Network Elements and is not Common (Shared) Transport. Common (Shared) Transport consists of BellSouth inter-office transport facilities and is unbundled from local switching.

6.1.2 Technical Requirements of Common (Shared) Transport

- 6.1.2.1 Common (Shared) Transport provided on DS1 or VT1.5 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 appropriate industry standards.
- 6.1.2.2 Common (Shared) Transport provided on DS3 circuits, STS-1 circuits, and higher transmission bit rate circuits, shall, at a minimum, meet the performance, availability, jitter, and delay requirements specified for CO to CO connections in the appropriate industry standards.
- 6.1.2.3 BellSouth shall be responsible for the engineering, provisioning, and maintenance of the underlying equipment and facilities that are used to provide Common (Shared) Transport.
- 6.1.2.4 At a minimum, Common (Shared) Transport shall meet all of the requirements set forth in the applicable industry standard technical references.
- 6.2 Interoffice transmission facility network elements include:
- 6.2.1 Dedicated transport, defined as BellSouth's transmission facilities, including all technically feasible capacity-related services including, but not limited to, DS1, DS3 and OCn levels, dedicated to a particular customer or carrier, that provide telecommunications between wire centers or switches owned by BellSouth, or between wire centers and switches owned by BellSouth and Covad.
- 6.2.2 Dark Fiber transport, defined as BellSouth's optical transmission facilities without attached multiplexing, aggregation or other electronics;

6.2.3 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.

6.2.4 BellSouth shall:

- 6.2.4.1 Provide Covad exclusive use of interoffice transmission facilities dedicated 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;
- 6.2.4.2 Provide all technically feasible transmission facilities, features, functions, and capabilities that Covad could use to provide telecommunications services;
- 6.2.4.3 Permit, to the extent technically feasible, Covad to connect such interoffice facilities to equipment designated by Covad, including but not limited to, Covad's collocated facilities; and
- 6.2.4.4 Permit, to the extent technically feasible, Covad to obtain the functionality provided by BellSouth's digital cross-connect systems in the same manner that BellSouth provides such functionality to interexchange carriers.
- 6.2.5 Provided that the facility is used to transport a significant amount of local exchange services Covad shall be entitled to convert existing interoffice transmission facilities (i.e., special access) to the corresponding interoffice transport network element option.

6.3 Dedicated Transport

- 6.3.1 <u>Definitions</u>
- 6.3.2 Dedicated Transport is defined as BellSouth transmission facilities dedicated to a particular customer or carrier that provide telecommunications between wire centers owned by BellSouth or requesting telecommunications carriers, or between switches owned by BellSouth or requesting telecommunications carriers.
- 6.3.3 <u>Unbundled Local Channel</u>
- 6.3.4 Unbundled Local Channel is the dedicated transmission path between Covad's Point of Presence and the BellSouth Serving Wire Center's collocation.
- 6.3.5 <u>Unbundled Interoffice Channel</u>,
- 6.3.6 Unbundled Interoffice Channel is the dedicated transmission path that provides telecommunication between BellSouth's Serving Wire Centers' collocations.
- 6.3.7 BellSouth shall offer Dedicated Transport in each of the following ways:

- 6.3.7.1 As capacity on a shared UNE facility.
- 6.3.7.2 As a circuit (e.g., DS0, DS1, DS3) dedicated to Covad. This circuit shall consist of an Unbundled Local Channel or an Unbundled Interoffice Channel or both.
- 6.3.8 When Dedicated Transport is provided it shall include:
- 6.3.8.1 Transmission equipment such as, line terminating equipment, amplifiers, and regenerators;
- 6.3.8.2 Inter-office transmission facilities such as optical fiber, copper twisted pair, and coaxial cable.

6.3.9 Rates for Dedicated Transport are listed in this Attachment. For those states that do not contain rates in this Attachment the rates in the applicable State Access Tariff will apply as interim rates. When final rates are developed, these interim rates will be subject to true up, and the Parties will amend the Agreement to reflect the new rates.

- 6.3.10 <u>Technical Requirements</u>
- 6.3.10.1 This Section sets forth technical requirements for all Dedicated Transport.
- 6.3.10.2 When BellSouth provides Dedicated Transport, the entire designated transmission service (e.g., DS0, DS1, DS3) shall be dedicated to Covad designated traffic.
- 6.3.10.3 BellSouth shall offer Dedicated Transport in all technologies that become available including, but not limited to, (1) DS0, DS1 and DS3 transport services, and (2) SONET at available transmission bit rates.
- 6.3.10.4 For DS1 or VT1.5 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 appropriate industry standards.
- 6.3.10.5 Where applicable, for DS3, Dedicated Transport shall, at a minimum, meet the performance, availability, jitter, and delay requirements specified for CI to CO connections in the appropriate industry standards.
- 6.3.10.6 BellSouth shall offer the following interface transmission rates for Dedicated Transport:
- 6.3.10.6.1 DS0 Equivalent;
- 6.3.10.6.2 DS1 (Extended SuperFrame ESF);

6.3.10.6.3 DS3 (signal must be framed);

- 6.3.10.6.4 SDH (Synchronous Digital Hierarchy) Standard interface rates in accordance with International Telecommunications Union (ITU) Recommendation G.707 and Plesiochronous Digital Hierarchy (PDH) rates per ITU Recommendation G.704.
- 6.3.10.6.5 When Dedicated Transport is provided, BellSouth shall design it according to BellSouth's network infrastructure to allow for the termination points specified by Covad.
- 6.3.11 At a minimum, Dedicated Transport shall meet each of the requirements set forth in the applicable industry technical references.
- 6.3.11.1 BellSouth Technical References:
- 6.3.11.2 TR-TSY-000191 Alarm Indication Signals Requirements and Objectives, Issue 1, May 1986.
- 6.3.11.3 TR 73501 LightGate[®]Service Interface and Performance Specifications, Issue D, June 1995.
- 6.3.11.4 TR 73525 MegaLink[®]Service, MegaLink Channel Service & MegaLink Plus Service Interface and Performance Specifications, Issue C, May 1996.

6.4 Unbundled Channelization

- 6.4.1 BellSouth agrees to offer access to Unbundled Channelization when available pursuant to following terms and conditions and at the rates set forth in the Attachment.
- 6.4.2 Definition
- 6.4.2.1 Unbundled Channelization (UC) provides the multiplexing capability that will allow a DS1 (1.544 Mbps) or DS3 (44.736 Mbps) or STS-1 Unbundled Network Element (UNE) or collocation cross-connect to be multiplexed or channelized at a BellSouth central office. This can be accomplished through the use of a stand-alone multiplexer or a digital cross-connect system at the discretion of BellSouth. Once UC has been installed, Covad can have channels activated on an as-needed basis by having BellSouth connect lower level UNEs via Central Office Channel Interfaces (COCIs).
- 6.4.3 Channelization capabilities will be as follows:
- 6.4.3.1 DS3 Channelization System: An element that channelizes a DS3 signal into 28 DS1s/STS-1s.

- 6.4.3.2 DS1 Channelization System: An element that channelizes a DS1 signal into 24 DS0s.
- 6.4.3.3 Central Office Channel Interfaces (COCI): Elements that can be activated on a channelization system.
- 6.4.4 DS1 Central Office Channel Interface elements can be activated on a DS3 Channelization System.
- 6.4.5 Voice Grade and Digital Data Central Office Channel Interfaces can be activated on a DS1 Channelization System.
- 6.4.6 AMI and B8ZS line coding with either Super Frame (SF) and Extended Super Frame (ESF) framing formats will be supported as options.
- 6.4.7 COCI will be billed on the lower level UNE order that is interfacing with the UC arrangement and will have to be compatible with those UNEs.
- 6.4.8 Channelization may be incorporated within dedicated transport or ordered as a standalone capability, which requires either the high or low speed side to be connected to collocation.
- 6.4.9 Technical Requirements
- 6.4.9.1 In order to assure proper operation with BST provided central office multiplexing functionality, the customer's channelization equipment must adhere strictly to form and protocol standards. Separate standards exist for the multiplex channel bank, for voice frequency encoding, for various signaling schemes, and for subrate digital access.
- 6.4.9.2 DS0 to DS1 Channelization
- 6.4.9.2.1 The DS1 signal must be framed utilizing the framing structure defined in ANSI T1.107, Digital Hierarchy Formats Specifications and ANSI T1.403.02, DS1 Robbed-bit Signaling State Definitions. DS0 to DS1 Channelization requirements are essential the same as defined in BellSouth Technical Reference 73525, MegaLink[®] Service, MegaLink[®] Channel Service, MegaLink[®] Plus Service, and MegaLink[®] Light Service Interface and Performance Specification.
- 6.4.9.3 DS1 to DS3 Channelization
- 6.4.9.3.1 The DS3 signal must be framed utilizing the framing structure define in ANSI T1.107, *Digital Hierarchy Formats Specifications*. DS1 to DS3 Channelization requirements are essentially the same as defined in BellSouth Technical Reference 73501,

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LightGate[•] Service Interface and Performance Specifications. The asynchronous M13 multiplex format (combination of M12 and M23 formats) is specified for terminal equipment that multiplexes 28 DS1s into a DS3.

6.4.9.4 DS1 to STS Channelization

6.4.9.4.1 The STS-1 signal must be framed utilizing the framing structure define in ANSI T1.105, Synchronous Optical Network (SONET) – Basic Description Including Multiplex Structure, Rates and Formats and T1.105.02, Synchronous Optical Network (SONET) – Payload Mappings. DS1 to STS Channelization requirements are essentially the same as defined in BellSouth Technical Reference TR 73501, LightGate[®] Service Interface and Performance Specifications.

6.5 Dark Fiber

The terms, conditions and rates for Dark Fiber are as set forth in Section 2.7 of this Attachment.

6.6 Operational Support Systems (OSS)

The terms, conditions and rates for OSS are as set forth in Section 2.9 of this Attachment.

7. BellSouth SWA 8XX Toll Free Dialing Ten Digit Screening Service

All of the negotiated rates, terms and conditions set forth in this Section pertain to the provision of 8XX Access Ten Digit Screening Services.

- 7.1 BellSouth SWA 8XX Toll Free Dialing Ten Digit Screening Service database
- 7.1.1 The BellSouth SWA 8XX Toll Free Dialing Ten Digit Screening Service database (herein known as 8XX SCP) is a SCP that contains customer record information and functionality to provide call-handling instructions for 8XX calls. The 8XX SCP IN software stores data downloaded from the national SMS 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 (herein know as 8XX TFD), utilizes the 8XX SCP to provide identification and routing of the 8XX calls, based on the ten digits dialed. 8XX TFD is provided with or without POTS number delivery, dialing number delivery, and other optional complex features as selected by Covad. BellSouth shall provide 8XX TFD in accordance with the following:

7.1.2 <u>Technical Requirements</u>

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- 7.1.2.1 BellSouth shall provide Covad with access to the 8XX record information located in the 8XX SCP. The 8XX SCP contains current records as received from the national SMS and will provide for routing 8XX originating calls based on the dialed ten-digit 8XX number.
- 7.1.2.2 The 8XX SCP is designated to receive and respond to queries using the American National Standard Specification of Signaling System Seven (SS7) protocol. The 8XX SCP shall determine the carrier identification based on all ten digits of the dialed number and route calls to the carrier, POTS number, dialing number and/or other optional feature selected by Covad.
- 7.1.2.3 The SCP shall also provide, at Covad's option, such additional feature as described in SR-TSV-002275 (BOC Notes on BellSouth Networks, SR-TSV-002275, Issue 2, (Telcordia (formerly BellCore), April 1994)) as are available to BellSouth. These may include but are not limited to:
- 7.1.2.3.1 Network Management;
- 7.1.2.3.2 Customer Sample Collection; and
- 7.1.2.3.3 Service Maintenance.

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

7.2.1 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 Public Safety Answering Point (PSAP) to route the call. The ALI/DMS database is used to provide more routing flexibility for E911 calls than Basic 911. BellSouth shall provide the Emergency Services Database in accordance with the following:

7.3 Rates

The prices that Covad shall pay to BellSouth for Network Elements and Other Services are set forth in Exhibit C to this Attachment.

8 Line Information Database (LIDB)

- 8.1 All of the negotiated rates, terms and conditions set forth in this Section pertain to the provision of LIDB.
- 8.2 BellSouth will store in its LIDB only records relating to service in the BellSouth region. The LIDB Storage Agreement is included in this Attachment.

8.2.1 <u>Definition</u>

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8.2.2 The Line Information Database (LIDB) is a transaction-oriented database accessible through Common Channel Signaling (CCS) networks. It 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.

8.2.3 <u>Technical Requirements</u>

- 8.2.4 BellSouth will offer to Covad any additional capabilities that are developed for LIDB during the life of this Agreement.
- 8.2.4.1 BellSouth shall process Covad's Customer records in LIDB at least at parity with BellSouth customer records, with respect to other LIDB functions. BellSouth shall indicate to Covad what additional functions (if any) are performed by LIDB in the BellSouth network.
- 8.2.4.2 Within two (2) weeks after a request by Covad, BellSouth shall provide Covad with a list of the customer data items, which Covad 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.
- 8.2.4.3 BellSouth shall provide LIDB systems for which operating deficiencies that would result in calls being blocked shall not exceed 30 minutes per year.
- 8.2.4.4 BellSouth shall provide LIDB systems for which operating deficiencies that would not result in calls being blocked shall not exceed 12 hours per year.

- 8.2.4.5 BellSouth shall provide LIDB systems for which the LIDB function shall be in overload no more than 12 hours per year.
- 8.2.4.6 All additions, updates and deletions of Covad data to the LIDB shall be solely at the direction of Covad. Such direction from Covad will not be required where the addition, update or deletion is necessary to perform standard fraud control measures (e.g., calling card auto-deactivation).
- 8.2.4.7 BellSouth shall provide priority updates to LIDB for Covad data upon Covad'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.
- 8.2.4.8 BellSouth shall provide LIDB systems such that no more than 0.01% of Covad customer records will be missing from LIDB, as measured by Covad audits. BellSouth will audit Covad records in LIDB against DBAS to identify record mismatches and provide this data to a designated Covad contact person to resolve the status of the records and BellSouth will update system appropriately. BellSouth will refer record of mismatches to Covad within one business day of audit. Once reconciled records are received back from Covad, 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 Covad to negotiate a time frame for the updates, not to exceed three business days.
- 8.2.4.9 BellSouth shall perform backup and recovery of all of Covad'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.
- 8.2.4.10 BellSouth shall provide Covad 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 Covad and BellSouth.
- 8.2.4.11 BellSouth shall prevent any access to or use of Covad 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 Covad in writing.
- 8.2.4.12 BellSouth shall provide Covad 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 Covad at least at parity with BellSouth Customer Data. BellSouth shall obtain from Covad the screening

information associated with LIDB Data Screening of Covad 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 Covad under the Bona Fide Request/New Business Process as set forth in General Terms and Conditions.

- 8.2.4.13 BellSouth shall accept queries to LIDB associated with Covad customer records, and shall return responses in accordance with industry standards.
- 8.2.4.14 BellSouth shall provide mean processing time at the LIDB within 0.50 seconds under normal conditions as defined in industry standards.
- 8.2.4.15 BellSouth shall provide processing time at the LIDB within 1 second for 99% of all messages under normal conditions as defined in industry standards.
- 8.2.5 Interface Requirements
- 8.2.6 BellSouth shall offer LIDB in accordance with the requirements of this subsection.
- 8.2.6.1 The interface to LIDB shall be in accordance with the technical references contained within.
- 8.2.6.2 The CCS interface to LIDB shall be the standard interface described herein.
- 8.2.6.3 The LIDB Data Base interpretation of the ANSI-TCAP messages shall comply with the technical reference herein. Global Title Translation shall be maintained in the signaling network in order to support signaling network routing to the LIDB.

8.3 Rates

The prices that Covad shall pay to BellSouth for Network Elements and Other Services are set forth in Exhibit C to this Attachment.

9 Signaling

- 9.1 All of the negotiated rates, terms and conditions set forth in this Section pertain to the provision of Signaling Transport Services.
- 9.2 BellSouth agrees to 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.

9.3 Signaling Link Transport

- 9.3.1 Definition Signaling Link Transport is a set of two or four dedicated 56 Kbps. transmission paths between CLEC-designated Signaling Points of Interconnection (SPOI) that provides appropriate physical diversity.
- 9.3.2 <u>Technical Requirements</u>
- 9.3.2.1 Signaling Link Transport shall consist of full duplex mode 56 kbps transmission paths.
- 9.3.3 Of the various options available, Signaling Link Transport shall perform in the following two ways:
- 9.3.3.1 As an "A-link" which is a connection between a switch or SCP and a home Signaling Transfer Point Switch (STP) pair; and
- 9.3.3.2 As a "B-link" which is a connection between two STP pairs in different company networks (e.g., between two STP pairs for two Competitive Local Exchange Carriers (CLECs)).
- 9.3.4 Signaling Link Transport shall consist of two or more signaling link layers as follows:
- 9.3.4.1 An A-link layer shall consist of two links.
- 9.3.4.2 A B-link layer shall consist of four links.
- 9.3.5 A signaling link layer shall satisfy a performance objective such that:
- 9.3.5.1 There shall be no more than two minutes down time per year for an A-link layer; and
- 9.3.5.2 There shall be negligible (less than 2 seconds) down time per year for a B-link layer.

- 9.3.5.3 A signaling link layer shall satisfy interoffice and intraoffice diversity of facilities and equipment, such that:
- 9.3.5.3.1 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 separate physical paths end-to-end); and
- 9.3.5.3.2 No two concurrent failures of facilities or equipment shall cause the failure of all four links in a B-link layer (i.e., the links should be provided on a minimum of three separate physical paths end-to-end).

9.3.5.4 Interface Requirements

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

9.4 Signaling Transfer Points (STPs)

- 9.4.1 <u>Definition</u> Signaling Transfer Points is a signaling network function that includes all of the capabilities provided by the signaling transfer point switches (STPs) and their associated signaling links which enable the exchange of SS7 messages among and between switching elements, database elements and signaling transfer point switches.
- 9.4.2 <u>Technical Requirements</u>
- 9.4.2.1 STPs shall provide access to Network Elements connected to BellSouth SS7 network. These include:
- 9.4.2.1.1 BellSouth Local Switching or Tandem Switching;
- 9.4.2.1.2 BellSouth Service Control Points/DataBases;
- 9.4.2.1.3 Third-party local or tandem switching;
- 9.4.2.1.4 Third-party-provided STPs.
- 9.4.2.2 The connectivity provided by STPs shall fully support the functions of all other Network Elements connected to the BellSouth SS7 network. This explicitly includes the use of the BellSouth SS7 network to convey messages which neither originate nor terminate at a signaling end point directly connected to the BellSouth SS7 network (i.e., transient messages). When the BellSouth SS7 network is used to convey transient messages, there shall be no alteration of the Integrated Services Digital Network User Part (ISDNUP) or Transaction Capabilities Application Part (TCAP) user data that constitutes the content of the message.

- 9.4.2.3 If a BellSouth tandem switch routes calling traffic, based on dialed or translated digits, on SS7 trunks between a Covad 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 Covad 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.
- 9.4.2.4 STPs shall provide all functions of the MTP as defined in the applicable industry standard technical references.
- 9.4.2.5 STPs shall provide all functions of the SCCP necessary for Class 0 (basic connectionless) service, as defined in Telcordia (formerly BellCore) ANSI Interconnection Requirements. In particular, this includes Global Title Translation (GTT) and SCCP Management procedures, as specified in T1.112.4. In cases where the destination signaling point is a Covad 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 Covad database, then Covad agrees to provide BellSouth with the Destination Point Code for the Covad database.
- 9.4.2.6 STPs shall provide on a non-discriminatory basis all functions of the OMAP commonly provided by STPs, as specified in the reference in Section 12.4.5 of this Attachment. All OMAP functions will be on a "where available" basis and can include:
- 9.4.2.6.1 MTP Routing Verification Test (MRVT); and
- 9.4.2.6.2 SCCP Routing Verification Test (SRVT).
- 9.4.2.7 In cases where the destination signaling point is a BellSouth local or tandem switching system or database, or is a Covad 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 shall be superseded by the specifications for Internetwork MRVT and SRVT if and when these become approved ANSI standards and available capabilities of BellSouth STPs, and if mutually agreed upon by Covad and BellSouth.
- 9.4.2.8 STPs shall be on parity with BellSouth.

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9.4.2.9 SS7 Advanced Intelligent Network (AIN) Access

- 9.4.2.9.1 When technically feasible and upon request by Covad, SS7 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 the Covad SS7 network to exchange TCAP queries and responses with a Covad SCP.
- 9.4.2.9.2 SS7 AIN Access shall provide Covad SCP access to BellSouth local switch in association with switching via interconnection of BellSouth SS7 and Covad SS7 Networks. BellSouth shall offer SS7 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 Covad SCP as at least at parity with BellSouth's SCP's in terms of interfaces, performance and capabilities.
- 9.4.3 Interface Requirements
- 9.4.3.1 BellSouth shall provide the following STPs options to connect Covad or Covaddesignated local switching systems or STPs to the BellSouth SS7 network:
- 9.4.3.1.1 An A-link interface from Covad local switching systems; and,
- 9.4.3.1.2 A B-link interface from Covad local STPs.
- 9.4.3.2 Each type of interface shall be provided by one or more sets (layers) of signaling links.
- 9.4.3.3 The Signaling Point of Interconnection (SPOI) for each link shall be located at a crossconnect element, such as a DSX-1, in the Central Office (CO) where 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. BellSouth shall offer higher rate DS1 signaling for interconnecting Covad local switching systems or STPs with BellSouth STPs as soon as these become approved ANSI standards and available capabilities of BellSouth STPs. BellSouth and Covad will work jointly to establish mutually acceptable SPOIs.
- 9.4.3.4 BellSouth CO shall provide intraoffice diversity between the SPOIs 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. BellSouth and Covad will work jointly to establish mutually acceptable SPOIs.
- 9.4.3.5 STPs shall provide all functions of the MTP as defined in the applicable industry standard technical references.
- 9.4.3.6 Message Screening

- 9.4.3.6.1 BellSouth shall set message screening parameters so as to accept valid messages from Covad local or tandem switching systems destined to any signaling point within BellSouth's SS7 network where the Covad switching system has a legitimate signaling relation.
- 9.4.3.6.2 BellSouth shall set message screening parameters so as to pass valid messages from Covad local or tandem switching systems destined to any signaling point or network accessed through BellSouth's SS7 network where the Covad switching system has a legitimate signaling relation.
- 9.4.3.6.3 BellSouth shall set message screening parameters so as to accept and pass/send valid messages destined to and from Covad from any signaling point or network interconnected through BellSouth's SS7 network where the Covad SCP has a legitimate signaling relation.
- 9.4.4 STPs shall be equal to or better than all of the requirements for STPs set forth in the applicable industry standard technical references.

9.5 Service Control Points/Databases

9.5.1 <u>Definition</u>

- 9.5.1.1 Databases are the Network Elements that provide the functionality for storage of, access to, and manipulation of information required to offer a particular service and/or capability. Databases include, but are not limited to: Local Number Portability, LIDB, Toll Free Number Database, Automatic Location Identification/Data Management System, Calling Name Database, access to Service Creation Environment and Service Management System (SCE/SMS) application databases and Directory Assistance.
- 9.5.2 A Service Control Point (SCP) is a specific type of Database functionality deployed in a Signaling System 7 (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.

9.5.3 <u>Technical Requirements for SCPs/Databases</u>

9.5.3.1 Requirements for SCPs/Databases within this section address storage of information, access to information (e.g. signaling protocols, response times), and administration of information (e.g., provisioning, administration, and maintenance). All SCPs/Databases shall be provided to Covad in accordance with the following requirements.

- 9.5.3.2 BellSouth shall provide physical access to SCPs through the SS7 network and protocols with TCAP as the application layer protocol.
- 9.5.3.3 BellSouth shall provide physical interconnection to databases via industry standard interfaces and protocols (e.g. SS7, ISDN and X.25).
- 9.5.3.4 The reliability of interconnection options shall be consistent with requirements for diversity and survivability.
- 9.5.4 Database Availability
- 9.5.4.1 Call processing databases shall have a maximum unscheduled availability of 30 minutes per year. Unavailability due to software and hardware upgrades shall be scheduled during minimal usage periods and only be undertaken upon proper notification to providers, which might be impacted. Any downtime associated with the provision of call processing related databases will impact all service providers, including BellSouth, equally.
- 9.5.4.2 The operational interface provided by BellSouth shall complete Database transactions (i.e., add, modify, delete) for Covad customer records stored in BellSouth databases within 3 days, or sooner where BellSouth provisions its own customer records within a shorter interval.

9.6 Local Number Portability Database

9.6.1 <u>Definition</u>

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- 9.6.2 The Permanent Number Portability (PNP) database supplies routing numbers for calls involving numbers that have been ported from one local service provider to another. PNP is currently being worked in industry forums. The results of these forums will dictate the industry direction of PNP. 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.
- 9.7 SS7 Network Interconnection

9.7.1 <u>Definition.</u>

9.7.2 SS7 Network Interconnection is the interconnection of Covad local Signaling Transfer Point Switches (STP) and Covad local or tandem switching systems with BellSouth STPs. This interconnection provides connectivity that enables the exchange of SS7 messages among BellSouth switching systems and databases (DBs), Covad local or tandem switching systems, and other third-party switching systems directly connected to the BellSouth SS7 network.

9.7.3 <u>Technical Requirements</u>

- 9.7.3.1 SS7 Network Interconnection shall provide connectivity to all components of the BellSouth SS7 network. These include:
- 9.7.3.1.1 BellSouth local or tandem switching systems;
- 9.7.3.1.2 BellSouth DBs; and
- 9.7.3.1.3 Other third-party local or tandem switching systems.
- 9.7.4 The connectivity provided by SS7 Network Interconnection shall fully support the functions of BellSouth switching systems and DBs and Covad or other third-party switching systems with A-link access to the BellSouth SS7 network.
- 9.7.5 If traffic is routed based on dialed or translated digits between a Covad 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 Covad local STPs and BellSouth or other third-party local switch.
- 9.7.6 When the capability to route messages based on Intermediate Signaling Network Identifier (ISNI) is generally available on BellSouth STPs, the BellSouth SS7 Network shall also convey TCAP messages using SS7 Network Interconnection in similar circumstances where the BellSouth switch routes traffic based on a Carrier Identification Code (CIC).
- 9.7.7 SS7 Network Interconnection shall provide all functions of the MTP as specified in ANSI T1.111. This includes:
- 9.7.7.1 Signaling Data Link functions, as specified in ANSI T1.111.2;
- 9.7.7.2 Signaling Link functions, as specified in ANSI T1.111.3; and
- 9.7.7.3 Signaling Network Management functions, as specified in ANSI T1.111.4.
- 9.7.8 SS7 Network Interconnection shall provide all functions of the SCCP necessary for Class 0 (basic connectionless) service, as specified in ANSI T1.112. In particular, this includes Global Title Translation (GTT) and SCCP Management procedures, as specified in 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 Covad local or tandem switching system, SS7 Network Interconnection shall include fTT of

messages to a gateway pair of Covad local STPs, and shall not include SCCP, subsystem Management of the destination.

- 9.7.9 SS7 Network Interconnection shall provide all functions of the Integrated Services Digital Network User Part (ISDNUP), as specified in ANSI T1.113.
- 9.7.10 SS7 Network Interconnection shall provide all functions of the TCAP, as specified in ANSI T1.114.
- 9.7.11 If and when Internetwork MTP Routing Verification Test (MRVT) and SCCP Routing Verification Test (SRVT) become approved ANSI standards and available capabilities of BellSouth STPs, SS7 Network Interconnection shall provide these functions of the OMAP.
- 9.7.12 SS7 Network Interconnection shall be equal to or better than the following performance requirements:
- 9.7.12.1 MTP Performance, as specified in ANSI T1.111.6;
- 9.7.12.2 SCCP Performance, as specified in ANSI T1.112.5; and
- 9.7.12.3 ISDNUP Performance, as specified in ANSI T1.113.5.
- 9.7.13 Interface Requirements

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- 9.7.13.1 BellSouth shall offer the following SS7 Network Interconnection options to connect Covad or Covad-designated local or tandem switching systems or STPs to the BellSouth SS7 network:
- 9.7.13.1.1 A-link interface from Covad local or tandem switching systems; and
- 9.7.13.1.2 B-link interface from Covad STPs.
- 9.7.13.2 The Signaling Point of Interconnection (SPOI) for each link shall be located at a crossconnect element, such as a DSX-1, in the Central Office (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. BellSouth shall offer higher rate DS1 signaling links for interconnecting Covad local switching systems or STPs with BellSouth STPs as soon as these become approved ANSI standards and available capabilities of BellSouth STPs. BellSouth and Covad will work jointly to establish mutually acceptable SPOI.
- 9.7.13.3 BellSouth CO shall provide intraoffice diversity between the SPOIs 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. BellSouth and Covad will work jointly to establish mutually acceptable SPOI.

- 9.7.13.4 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.
- 9.7.13.5 BellSouth shall set message screening parameters to accept messages from Covad local or tandem switching systems destined to any signaling point in the BellSouth SS7 network with which the Covad switching system has a legitimate signaling relation.
- 9.7.13.6 SS7 Network Interconnection shall be equal to or better than all of the requirements for SS7 Network Interconnection set forth in the applicable industry standard technical references.

9.8 Rates

The prices that Covad shall pay to BellSouth for Network Elements and Other Services are set forth in Exhibit C to this Attachment.

10. Operator Call Processing, Inward Operator Services and Directory Assistance Services

10.1 All of the negotiated rates, terms and conditions set forth in this Section pertain to the provision of Operator Call Processing, Inward Operator Services and Directory Assistance Services.

10.2 Operator Systems

10.2.1 <u>Definition.</u> Operator Systems is the Network Element that provides operator and automated call handling and billing, special services, end user telephone listings and optional call completion services. The Operator Systems, Network Element provides two types of functions: Operator Service functions and Directory Assistance Service functions, each of which are described in detail below.

10.3 Operator Service

- 10.3.1 <u>Definition</u>. Operator Service provides: (1) operator handling for call completion (for example, collect, third number billing, and manual credit card calls), (2) operator or automated assistance for billing after the end user has dialed the called number (for example, credit card calls); and (3) special services including but not limited to Busy Line Verification and Emergency Line Interrupt (ELI), Emergency Agency Call, Operator-assisted Directory Assistance, and Rate Quotes.
- 10.3.2 <u>Requirements</u>
- 10.3.2.1 When Covad requests BellSouth to provide Operator Services, the following requirements apply:
- 10.3.2.1.1 BellSouth shall complete 0+ and 0- dialed local calls.
- 10.3.2.1.2 BellSouth shall complete 0+ intraLATA toll calls.
- 10.3.2.1.3 BellSouth shall process calls that are billed to Covad end user's calling card that can be validated by BellSouth.
- 10.3.2.1.4 BellSouth shall complete person-to-person calls.
- 10.3.2.1.5 BellSouth shall complete collect calls.
- 10.3.2.1.6 BellSouth shall provide the capability for callers to bill to a third party and complete such calls.
- 10.3.2.1.7 BellSouth shall complete station-to-station calls.

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- 10.3.2.1.8 BellSouth shall process emergency calls.
- 10.3.2.1.9 BellSouth shall process Busy Line Verify and Emergency Line Interrupt requests.
- 10.3.2.1.10 BellSouth shall process emergency call trace, as they do for their End users prior to the Effective Date. Call must originate from a 911 provider.
- 10.3.2.1.11 BellSouth shall process operator-assisted directory assistance calls.
- 10.3.2.1.12 BellSouth shall adhere to equal access requirements, providing Covad local end users the same IXC access as provided to BellSouth end users.
- 10.3.2.1.13 BellSouth shall exercise at least the same level of fraud control in providing Operator Service to Covad that BellSouth provides for its own operator service.
- 10.3.2.1.14 BellSouth shall perform Billed Number Screening when handling Collect, Personto-Person, and Billed-to-Third-Party calls.
- 10.3.2.1.15 BellSouth shall direct customer account and other similar inquiries to the customer service center designated by Covad.
- 10.3.2.1.16 BellSouth shall provide a feed of customer call records in "EMI" format to Covad in accordance with CLEC ODUF standards specified in Attachment 7.

10.3.3 Interface Requirements

10.3.3.1 With respect to Operator Services for calls that originate on local switching capability provided by or on behalf of Covad, the interface requirements shall conform to the then current established system interface specifications for the platform used to provide Operator Service and the interface shall conform to industry standards.

10.4 Directory Assistance Service

10.4.1 <u>Definition</u>. Directory Assistance Service provides local end user telephone number listings with the option to complete the call at the callers direction separate and distinct from local switching.

10.4.2 Requirements

- 10.4.3 Directory Assistance Service shall provide up to two listing requests per call. If available and if requested by Covad's end user, BellSouth shall provide caller-optional directory assistance call completion service at rates contained in this Attachment to one of the provided listings, equal to that which BellSouth provides its end users. If not available, Covad may request such requirement pursuant to the Bona Fide Request/New Business Process as set forth in General Terms and Conditions.
- 10.4.4 Directory Assistance Service Updates

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- 10.4.4.1 BellSouth shall update end user listings changes daily. These changes include:
- 10.4.4.1.1 New end user connections: BellSouth will provide service to Covad that is equal to the service it provides to itself and its end users;
- 10.4.4.1.2 End user disconnections: BellSouth will provide service to Covad that is equal to the service it provides to itself and its end users; and
- 10.4.4.1.3 End user address changes: BellSouth will provide service to Covad that is equal to the service it provides to itself and its end users;
- 10.4.4.1.4 These updates shall also be provided for non-listed and non-published numbers for use in emergencies.
- 10.4.5 Branding for Operator Call Processing and Directory Assistance
- 10.4.5.1 The BellSouth Operator Systems Branding Feature provides a definable announcement to Covad end users using Directory Assistance (DA)/Operator Call Processing (OCP) prior to placing them in queue or connecting them to an available operator or automated operator system. This feature allows Covad to have its calls custom branded with Covad's name on whose behalf BellSouth is providing Directory Assistance and/or Operator Call Processing. Rates for Custom Branding, Operator Call Process and Directory Assistance are set forth in this Attachment.
- 10.4.5.2 BellSouth offers four service levels of branding to Covad when ordering Directory Assistance and/or Operator Call Processing.
- 10.4.5.2.1 Service Level 1 BellSouth Branding
- 10.4.5.2.2 Service Level 2 Unbranded

10.4.5.2.3 Service Level 3 - Custom Branding

- 10.4.5.2.4 Service Level 4 Self Branding (applicable only to Covad for Resale or use with an Unbundled Port when routing to an operator service provider other than BellSouth).
- 10.4.6 For Resellers and Use with an Unbundled Port
- 10.4.6.1 BellSouth Branding is the Default Service Level.
- 10.4.6.2 Unbranding, Custom Branding, and Self Branding require Covad to order selective routing for each originating BellSouth end office identified by Covad. Rates for Selective Routing are set forth in this Attachment.

- 10.4.6.3 Customer Branding and Self Branding require Covad to order dedicated trunking from each BellSouth end office identified by Covad, to either the BellSouth Traffic Operator Position System (TOPS) or Covad Operator Service Provider. Rates for trunks are set forth in applicable BellSouth tariffs.
- 10.4.6.4 Unbranding Unbranded Directory Assistance and/or Operator Call Processing calls ride common trunk groups provisioned by BellSouth from those end offices identified by Covad to the BellSouth TOPS. These calls are routed to "No Announcement."
- 10.4.7 For Facilities Based Carriers
- 10.4.7.1 All Service Levels require Covad to order dedicated trunking from their end office(s) point of interface to the BellSouth TOPS Switches. Rates for trunks are set forth in applicable BellSouth tariffs.
- 10.4.7.2 Customized Branding includes charges for the recording of the branding announcement and the loading of the audio units in each TOPS Switch, IVS and NAV equipment for which Covad requires service.
- 10.4.8 Directory Assistance customized branding uses:
- 10.4.8.1 the recording of the name;

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- 10.4.8.2 the front-end loading of the Digital Recorded Announcement Machine (DRAM) in each TOPS switch.
- 10.4.9 Operator Call Processing customized branding uses:
- 10.4.9.1 the recording of the name;
- 10.4.9.2 the front-end loading of the DRAM in the TOPS Switch;
- 10.4.9.3 the back-end loading in the audio units in the Automated Alternate Billing System (AABS) in the Interactive Voice Subsystem (IVS);
- 10.4.9.4 the 0- automation loading for the audio units in the Enhanced Billing and Access Service (EBAS) in the Network Applications Vehicle (NAV).
- 10.4.9.5 BellSouth will provide to Covad purchasing local BellSouth switching and reselling BellSouth local exchange service, selective routing of calls to a requested directory assistance services platform or operator services platform. Covad end users may use the same dialing arrangements as BellSouth end users, but obtain a Covad branded service.

10.5 Directory Assistance Database Service (DADS)

- 10.5.1 BellSouth shall make its Directory Assistance Database Service (DADS) available solely for the expressed purpose of providing Directory Assistance type services to Covad end users. The term "end user" denotes any entity which obtains Directory Assistance type services for its own use from a DADS customer. Directory Assistance type service is defined as Voice Directory Assistance (DA Operator assisted and Electronic Directory Assistance (Data System assisted)). Covad agrees that Directory Assistance Database Service (DADS) will not be used for any purpose which violates federal or state laws, statutes, regulatory orders or tariffs. Except for the permitted users, Covad agrees not to disclose DADS to others and shall provide due care in providing for the security and confidentiality of DADS. Further, Covad authorizes the inclusion of Covad Directory Assistance listings in the BellSouth Directory Assistance products.
- 10.5.2 BellSouth shall provide Covad initially with a base file of subscriber listings which reflect all listing change activity occurring since Covad's most recent update via magnetic tape, and subsequently using electronic connectivity such as Network Data Mover to be developed mutually by Covad and BellSouth. Covad agrees to assume the costs associated with CONNECT: Direct TM connectivity, which will vary depending upon volume and mileage.
- 10.5.3 BellSouth will require approximately one month after receiving an order to prepare the Base File. BellSouth will provide daily updates which will reflect all listing change activity occurring since CLEC's most recent update. BellSouth shall provide updates to Covad on a Business, Residence, or combined Business and Residence basis. Covad agrees that the updates shall be used solely to keep the information current. Delivery of Daily Updates will commence the day after Covad receives the Base File.
- 10.5.4 BellSouth is authorized to include Covad Directory Assistance Listing Information in its Directory Assistance Database Service (DADS). Any other use by BellSouth of Covad Directory Assistance Listing Information is not authorized and with the exception of a request for DADS, BellSouth shall refer any request for such information to Covad.
- 10.5.5 Rates for DADS are as set forth in this Attachment.

10.6 Direct Access to Directory Assistance Service

10.6.1 Direct Access to Directory Assistance Service (DADAS) will provide Covad's directory assistance operators with the ability to search all available BellSouth's subscriber listings using the Directory Assistance search format. Subscription to DADAS will allow Covad to utilize its own switch, operator workstations and optional audio subsystems.

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- 10.6.2 BellSouth will provide DADAS from its DA location. Covad will access the DADAS system via a telephone company provided point of availability. Covad has the responsibility of providing the physical links required to connect to the point of availability. These facilities may be purchased from the telephone company as rates and charges billed separately from the charges associated with this offering.
- 10.6.3 A specified interface to each Covad subsystem will be provided by BellSouth. Interconnection between Covad's system and a specified BellSouth location will be pursuant to the use of Covad owned or Covad leased facilities and shall be appropriate sized based upon the volume of queries being generated by Covad.
- 10.6.4 The specifications for the three interfaces necessary for interconnection are available in the following documents:
- 10.6.4.1 DADAS to Subscriber Operator Position System—Northern Telecom Document CSI-2300-07; Universal Gateway/ Position Message Interface Format Specification;
- 10.6.4.2 DADAS to Subscriber Switch—Northern Telecom Document Q210-1 Version A107; NTDMS/CCIDAS System Application Protocol; and AT&T Document 250-900-535 Operator Services Position System Listing Service and Application Call Processing Data Link Interface Specification;
- 10.6.4.3 DADAS to Audio Subsystem (Optional)—Directory One Call Control to Audio Response Unit system interface specifications are available through Northern Telecom as a licensed access protocol—Northern Telecom Document 355-004424 and Gateway/Interactive Voice subsystem Protocol Specification.
- 10.6.5 Rates for DADAS are as set forth in this Attachment.
- 10.7 Automatic Location Identification/Data Management System (ALI/DMS)
- 10.7.1 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 Public Safety Answering Point (PSAP) to route the call. The ALI/DMS database is used to provide more routing flexibility for E911 calls than Basic 911. BellSouth shall provide the Emergency Services Database in accordance with the following:
- 10.7.2 <u>Technical Requirements</u>
- 10.7.2.1 BellSouth shall offer Covad a data link to the ALI/DMS database or permit Covad to provide its own data link to the ALI/DMS database. BellSouth shall provide error reports from the ALI/DMS database to Covad immediately after Covad inputs information into the ALI/DMS database. Alternately, Covad may utilize BellSouth, to

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enter end user information into the data base on a demand basis, and validate end user information on a demand basis.

10.7.2.2 The ALI/DMS database shall contain the following end user information:

10.7.2.2.1 Name;

10.7.2.2.2 Address;

- 10.7.2.2.3 Telephone number; and
- 10.7.2.2.4 Other information as appropriate (e.g., whether a end user is blind or deaf or has another disability).
- 10.7.2.3 When BellSouth is responsible for administering the ALI/DMS database in its entirety, ported number NXXs entries for the ported numbers should be maintained unless Covad requests otherwise and shall be updated if Covad requests, provided Covad supplies BellSouth with the updates.
- 10.7.2.4 When Remote Call Forwarding (RCF) is used to provide number portability to the local end user and a remark or other appropriate field information is available in the database, the shadow or "forwarded-to" number and an indication that the number is ported shall be added to the customer record.
- 10.7.2.5 If BellSouth is responsible for configuring PSAP features (for cases when the PSAP or BellSouth supports an ISDN interface) it shall ensure that CLASS Automatic Recall (Call Return) is not used to call back to the ported number. Although BellSouth currently does not have ISDN interface, BellSouth agrees to comply with this requirement once ISDN interfaces are in place.

10.7.3 Interface Requirements

The interface between the E911 Switch or Tandem and the ALI/DMS database for Covad end users shall meet industry standards.

10.8 Rates

The prices that Covad shall pay to BellSouth for Network Elements and Other Services are set forth in Exhibit C to this Attachment.

11. Calling Name (CNAM) Database Service

- 11.1 All of the negotiated rates, terms and conditions set forth in this Section pertain to the provision of CNAM.
- 11.2 The Agreement for Calling Name (CNAM) with standard pricing is included as Exhibit B to this Attachment. Covad must provide to its account manager a written request with a requested activation date to activate this service. If Covad is interested in requesting CNAM with volume and term pricing, Covad must contact its account manager to request a separate CNAM volume and term Agreement.
- 11.3 SCPs/Databases shall be equal to or better than all of the requirements for SCPs/Databases set forth in the applicable industry standard technical references.

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

- 11.4.1 BellSouth's Service Creation Environment and Service Management System (SCE/SMS) Advanced Intelligent Network (AIN) Access shall provide Covad the capability that will allow Covad and other third parties to create service applications in a BellSouth Service Creation Environment and deploy those applications in a BellSouth SMS to a BellSouth SCP. The third party service applications interact with AIN triggers provisioned on a BellSouth SSP.
- 11.4.2 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 Covad. Scheduling procedures shall provide Covad equivalent priority to these resources.
- 11.4.2 BellSouth SCP shall partition and protect Covad service logic and data from unauthorized access, execution or other types of compromise.
- 11.4.3 When Covad selects SCE/SMS AIN Access, BellSouth shall provide training, documentation, and technical support to enable Covad to use BellSouth's SCE/SMS AIN Access to create and administer applications. 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.
- 11.4.4 When Covad selects SCE/SMS AIN Access, BellSouth shall provide for a secure, controlled access environment in association with its internal use of AIN components. Covad access will be provided via remote data connection (e.g., dial-in, ISDN).

11.4.5 When Covad selects SCE/SMS AIN Access, BellSouth shall allow Covad to download data forms and/or tables to BellSouth SCP via BellSouth SMS without intervention from BellSouth (e.g., service customization and end user subscription).

11.5 Rates

The prices that Covad shall pay to BellSouth for Network Elements and Other Services are set forth in Exhibit C to this Attachment.

12. Basic 911 and E911

- 12.1 All of the negotiated terms and conditions set forth in this Section pertain to the provision of Basic 911 and E911.
- 12.2 If Covad orders network elements and other services, then Covad is also responsible for providing E911 to its end users. BellSouth agrees to offer access to the 911/E911 network pursuant to the following terms and conditions set forth in this Attachment.

12.3 Definition

12.4 Basic 911 and E911 is an additional requirement that provides a caller access to the applicable emergency service bureau by dialing a 3-digit universal telephone number (911).

12.5 <u>Requirements</u>

- 12.5.1 <u>Basic 911 Service Provisioning.</u> For Basic 911 service, BellSouth will provide to Covad a list consisting of each municipality that subscribes to Basic 911 service. The list will also provide, if known, the E911 conversion date for each municipality and, for network routing purposes, a ten-digit directory number representing the appropriate emergency answering position for each municipality subscribing to 911. Covad will be required to arrange to accept 911 calls from its end users in municipalities that subscribe to Basic 911 service and translate the 911 call to the appropriate 10-digit directory number as stated on the list provided by BellSouth. Covad will be required to route that call to BellSouth at the appropriate tandem or end office. When a municipality converts to E911 service, Covad will be required to discontinue the Basic 911 procedures and begin using E911 procedures.
- 12.5.2 <u>E911 Service Provisioning.</u> For E911 service, Covad will be required to install a minimum of two dedicated trunks originating from the Covad serving wire center and terminating to the appropriate E911 tandem. The dedicated trunks shall be, at a minimum, DS-0 level trunks configured either as a 2-wire analog interface or as part of a digital (1.544 Mb/s) interface. Either configuration shall use CAMA-type signaling with multifrequency ("MF") pulsing that will deliver automatic number identification ("ANI") with the voice portion of the call. If the user interface is digital, MF pulses, as well as other AC signals, shall be encoded per the u-255 Law convention. Covad will be required to provide BellSouth daily updates to the E911 database. Covad will be required to forward 911 calls to the appropriate E911 tandem, along with ANI, based upon the current E911 end office to tandem homing arrangement as provided by BellSouth. If the E911 tandem trunks are not available, Covad will be required to route the call to a designated 7-digit local number residing in the appropriate Public Service Answering Point ("PSAP"). This call will be transported over BellSouth's

interoffice network and will not carry the ANI of the calling party. Covad shall be responsible for providing BellSouth with complete and accurate data for submission to the 911/E911 database for the purpose of providing 911/E911 to its end users.

- 12.5.3 <u>Rates.</u> Charges for 911/E911 service are borne by the municipality purchasing the service. BellSouth will impose no charge on Covad beyond applicable charges for BellSouth trunking arrangements.
- 12.5.4 Basic 911 and E911 functions provided to Covad shall be at least at parity with the support and services that BellSouth provides to its end users for such similar functionality.
- 12.5.5 Detailed Practices and Procedures. The detailed practices and procedures contained in the E911 Local Exchange Carrier Guide For Facility-Based Providers as amended from time to time during the term of this Agreement will determine the appropriate practices and procedures for BellSouth and Covad to follow in providing 911/E911 services.
- 13. True-Up

This section applies only to other rates that are interim or expressly subject to true-up under this attachment.

- 13.1 The interim prices for Network Elements and Other Services and Local Interconnection shall be subject to true-up according to the following procedures:
- 13.2 The interim prices shall be trued-up, either up or down, based on final prices determined either by further agreement between the Parties, or by a final order (including any appeals) of the Commission which final order meets the criteria of (3) below. The Parties shall implement the true-up by comparing the actual volumes and demand for each item, together with interim prices for each item, with the final prices determined for each item. Each Party shall keep its own records upon which the true-up can be based, and any final payment from one Party to the other shall be in an amount agreed upon by the Parties based on such records. In the event of any disagreement as between the records or the Parties regarding the amount of such true-up, the Parties agree that the body having jurisdiction over the matter shall be called upon to resolve such differences, or the Parties may mutually agree to submit the matter to the Dispute Resolution process in accordance with the provisions of Section 16 of the General Terms and Conditions and Attachment 1 of the Agreement.
- 13.3 The Parties may continue to negotiate toward final prices, but in the event that no such Agreement is reached within nine (9) months, either Party may petition the

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Commission to resolve such disputes and to determine final prices for each item. Alternatively, upon mutual agreement, the Parties may submit the matter to the Dispute Resolution Process set forth in Section 16 of the General Terms and Conditions and Attachment 1 of the Agreement, so long as they file the resulting Agreement with the Commission as a "negotiated Agreement" under Section 252(e) of the Act.

- A final order of this Commission that forms the basis of a true-up shall be the final order as to prices based on appropriate cost studies, or potentially may be a final order in any other Commission proceeding which meets the following criteria:
 - **(a)** BellSouth and Covad are entitled to be a full Party to the proceeding;
 - **(b)** It shall apply the provisions of the federal Telecommunications Act of 1996, including but not limited to Section 252(d)(1) (which contains pricing standards) and all then-effective implementing rules and regulations; and.
 - (c) It shall include as an issue the geographic deaveraging of network element and other services prices, which deaveraged prices, if any are required by said final order, shall form the basis of any true-up.

13.4

EXHIBIT A

LINE INFORMATION DATA BASE (LIDB) STORAGE AGREEMENT

I. SCOPE

A. This Agreement sets forth the terms and conditions pursuant to which BellSouth agrees to store in its LIDB certain information at the request of Covad and pursuant to which BellSouth, its LIDB customers and Covad shall have access to such information. Covad understands that BellSouth provides access to information in its LIDB to various telecommunications service providers pursuant to applicable tariffs and agrees that information stored at the request of Covad, pursuant to this Agreement, shall be available to those telecommunications service providers. The terms and conditions contained in the attached Addendum(s) are hereby made a part of this Agreement as if fully incorporated herein.

B. LIDB is accessed for the following purposes:

- 1. Billed Number Screening
- 2. Calling Card Validation
- 3. Fraud Control

BellSouth will provide seven days per week, 24-hours per day, fraud monitoring on Calling Cards, bill-to-third and collect calls made to numbers in BellSouth's LIDB, provided that such information is included in the LIDB query. BellSouth will establish fraud alert thresholds and will notify Covad of fraud alerts so that Covad may take action it deems appropriate. Covad understands and agrees BellSouth will administer all data stored in the LIDB, including the data provided by Covad pursuant to this Agreement, in the same manner as BellSouth's data for BellSouth's end user customers. BellSouth shall not be responsible to Covad for any lost revenue which may result from BellSouth's administration of the LIDB pursuant to its established practices and procedures as they exist and as they may be changed by BellSouth in its sole discretion from time to time.

Covad understands that BellSouth currently has in effect numerous billing and collection agreements with various interexchange carriers and billing clearing houses. Covad further understands that these billing and collection customers of BellSouth query BellSouth's LIDB to determine whether to accept various billing options from end users. Additionally, Covad understands that presently BellSouth has no method to differentiate between BellSouth's own billing and line data in the LIDB and such data which it includes in the LIDB on Covad's behalf pursuant to this Agreement. Therefore, until such time as BellSouth can and does implement in its LIDB and its

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supporting systems the means to differentiate Covad's data from BellSouth's data and the Parties to this Agreement execute appropriate amendments hereto, the following terms and conditions shall apply:

- (a) Covad agrees that it will accept responsibility for telecommunications services billed by BellSouth for its billing and collection customers for Covad's end user accounts which are resident in LIDB pursuant to this Agreement. Covad authorizes BellSouth to place such charges on Covad's bill from BellSouth and agrees that it shall pay all such charges. Charges for which Covad hereby takes responsibility include, but are not limited to, collect and third number calls.
- (b) Charges for such services shall appear on a separate BellSouth bill page identified with the name of the entity for which BellSouth is billing the charge.
- (c) Covad shall have the responsibility to render a billing statement to its end users for these charges, but Covad's obligation to pay BellSouth for the charges billed shall be independent of whether Covad is able or not to collect from Covad's end users.
- (d) BellSouth shall not become involved in any disputes between Covad and the entities for which BellSouth performs billing and collection. BellSouth will not issue adjustments for charges billed on behalf of an entity to Covad. It shall be the responsibility of Covad and the other entity to negotiate and arrange for any appropriate adjustments.

II. TERM

This Agreement will be effective as of ______, and will continue in effect for one year, and thereafter may be continued until terminated by either Party upon thirty (30) days written notice to the other Party.

III. FEES FOR SERVICE AND TAXES

- A. Covad will not be charged a fee for storage services provided by BellSouth to Covad, as described in Section I of this Agreement.
- B. Sales, use and all other taxes (excluding taxes on BellSouth's income) determined by BellSouth or any taxing authority to be due to any federal, state or local taxing jurisdiction with respect to the provision of the service set forth herein will be paid by Covad. Covad shall have the right to have BellSouth contest with the imposing jurisdiction, at Covad's expense, any such taxes that Covad deems are improperly levied.

IV. MISCELLANEOUS

A. This LIDB Storage Agreement shall be subject to the terms and conditions of the Interconnection Agreement between Covad and BellSouth.

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FACILITIES BASED ADDENDUM TO LINE INFORMATION DATA BASE (LIDB) STORAGE AGREEMENT

This is a Facilities Based Addendum to the Line Information Data Base Storage Agreement dated ______, between BellSouth Telecommunications, Inc. ("BellSouth"), and ______("Covad"), effective the _____ day of ______, ____.

I. GENERAL

This Addendum sets forth the terms and conditions for Covad's provision of billing number information to BellSouth for inclusion in BellSouth's LIDB. BellSouth will store in its LIDB the billing number information provided by Covad, and BellSouth will provide responses to on-line, call-by-call queries to this information for purposes specified in Section I.B. of the Agreement.

II. DEFINITIONS

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- A. Billing number a number that Covad creates for the purpose of identifying an account liable for charges. This number may be a line or a special billing number.
- B. Line number a ten digit number that identifies a telephone line administered by Covad.
- C. Special billing number a ten digit number that identifies a billing account established by Covad.
- D. Calling Card number a billing number plus PIN number.
- E. PIN number a four digit security code assigned by Covad which is added to a billing number to compose a fourteen digit calling card number.
- F. Toll billing exception indicator associated with a billing number to indicate that it is considered invalid for billing of collect calls or third number calls or both, by Covad.
- G. Billed Number Screening refers to the activity of determining whether a toll billing exception indicator is present for a particular billing number.

- H. Calling Card Validation refers to the activity of determining whether a particular calling card number exists as stated or otherwise provided by a caller.
- I. Billing number information information about billing number, Calling Card number and toll billing exception indicator provided to BellSouth by Covad.

III. RESPONSIBILITIES OF PARTIES

- A. Covad will provide its billing number information to BellSouth's LIDB each business day by a method that has been mutually agreed upon by both Parties.
- B. BellSouth will store in its LIDB the billing number information provided by Covad. Under normal operating conditions, BellSouth shall include Covad's billing number information in its LIDB no later than two business days following BellSouth's receipt of such billing number information, provided that BellSouth shall not be held responsible for any delay or failure in performance to the extent such delay or failure is caused by circumstances or conditions beyond BellSouth's reasonable control. BellSouth will store in its LIDB an unlimited volume of Covad's working telephone numbers.
- C. BellSouth will provide responses to on-line, call-by-call queries to the stored information for the specific purposes listed in the next paragraph.
- D. BellSouth is authorized to use the billing number information provided by Covad to perform the following functions for authorized users on an on-line basis:
 - 1. Validate a 14 digit Calling Card number where the first 10 digits are a line number or special billing number assigned by Covad, and where the last four digits (PIN) are a security code assigned by Covad.
 - 2. Determine whether Covad or the subscriber has identified the billing number as one which should not be billed for collect or third number calls, or both.
- E. Covad will provide its own billing number information to BellSouth for storage and to be used for Billed Number Screening and Calling Card Validation. Covad will arrange and pay for transport of updates to BellSouth.

IV. COMPLIANCE

Unless expressly authorized in writing by Covad, all billing number information provided pursuant to this Addendum shall be used for no purposes other than those set forth in this Addendum.

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EXHIBIT B

CALLING NAME DELIVERY (CNAM) DATABASE SERVICES

1. Definitions

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For the purpose of this Attachment, the following terms shall be defined as:

CALLING NAME DELIVERY DATABASE SERVICE (CNAM) - The ability to associate a name with the calling party number, allowing the end user subscriber (to which a call is being terminated) to view the calling party's name before the call is answered. This service also provides Covad the opportunity to load and store its subscriber names in the BellSouth CNAM SCPs.

CALLING PARTY NUMBER (CPN) - The number of the calling party that is delivered to the terminating switch using common channel signaling system 7 (CCS7) technology, and that is contained in the Initial Address Message (IAM) portion of the CCS7 call setup.

COMMON CHANNEL SIGNALING SYSTEM 7 (CCS7) - A network signaling technology in which all signaling information between two or more nodes is transmitted over high-speed data links, rather than over voice circuits.

SERVICE CONTROL POINTs (SCPs) - The real-time data base systems that contain the names to be provided in response to queries received from CNAM SSPs.

SERVICE MANAGEMENT SYSTEM (SMS) - The main operations support system of CNAM DATABASE SERVICE. CNAM records are loaded into the SMS, which in turn downloads into the CNAM SCP.

SERVICE SWITCHING POINTs (SSPs) - Features of computerized switches in the telephone network that determine that a terminating line has subscribed to CNAM service, and then communicate with CNAM SCPs in order to provide the name associated with the calling party number.

SUBSYSTEM NUMBER (SSN) - The address used in the Signaling Connection Control Part (SCCP) layer of the SS7 protocol to designate an application at an end signaling point. A SSN for CNAM at the end office designates the CNAM application within the end office. BellSouth uses the CNAM SSN of 232.

2. Attachment

2.1 This Attachment contains the terms and conditions where BellSouth will provide to the Covad access to the BellSouth CNAM SCP for query or record storage purposes.

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2.2 Covad shall submit to BellSouth a notice of its intent to access and utilize BellSouth CNAM Database Services pursuant to the terms and conditions of this Attachment. Said notice shall be in writing, no less than 60 days prior to Covad's access to BellSouth's CNAM Database Services and shall be addressed to Covad's Account Manager.

3. Physical Connection and Compensation

- 3.1 BellSouth's provision of CNAM Database Services to Covad requires interconnection from Covad to BellSouth CNAM Service Control Points (SCPs). Such interconnections shall be established pursuant to Attachment 3 of this Agreement. The appropriate charge for access to and use of the BellSouth CNAM Database service shall be as set forth in this Attachment.
- 3.2 In order to formulate a CNAM query to be sent to the BellSouth CNAM SCP, Covad shall provide its own CNAM SSP. Covad's CNAM SSPs must be compliant with TR-NWT-001188, "CLASS Calling Name Delivery Generic Requirements".
- 3.3 If Covad 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 (formerly BellCore)'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 Covad desires to query.

3.4 Out-Of-Region Customers

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If the customer 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 (formerly BellCore'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 Signal Transfer Points (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 in writing and shall, by this reference become an integral part of this Agreement.

4. CNAM Record Initial Load and Updates

4.1 The mechanism to be used by Covad for initial CNAM record load and/or updates shall be determined by mutual agreement. The initial load and all updates shall be

provided by Covad in the BellSouth specified format and shall contain records for every working telephone number that can originate phone calls. It is the responsibility of Covad to provide accurate information to BellSouth on a current basis.

4.2 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.

4.3 Covad 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.

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		· · · · · · · · · · · · · · · · · · ·	WORK ELEMEN	RAT			own in the section inconnection.bells	HON I Collocation-2 Wire	
)			NDLED NET	مع			The "Zone" shi http://www.inte	AL. COLLOCAT	
			UNBU	CATEGORY				PHYSIC	

KY PE1LS Anund-Page 1011 Mand Effective 4.8.04

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Version 1003: 02/28/03

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UNBUI	NDLE	UNBUNDLED NETWORK ELEMENTS - Kentucky												Attach	Attachment: 2	Exhi	Exhibit: C
CATEGORY	ORY	RATE ELEMENTS	a te	Zone	SB	nsoc			RATES (\$)			Svc Order Submitted Elec per LSR	vc Order Svc Order It ubmitted Submitted Elec Manuelly A per LSR per LSR	Incremental Charge - Manual Svc Order vs. Electronic- 1st	Svc Order Svc Order Incremental Incremental Incremental Incremental Submitted Submitted Charge - Charge - Charge - Charge - Elec Manuel Svc Manuel Svc Manuel Svc Manuel Svc Per LSR per LSR Order vs. Order vs. Order vs. Order vs. Order vs. Incrementer Electronic Electronic Electronic Itst Disc 1st Disc Add'i	Incremental Charge - Manual Svc Order va. Electronic- Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic- Disc Add'i
								Nonrey	Nonrecurring	Nonrecurring Disconnect	Disconnect			SSO	OSS Rates (\$)		
					-			First	Add'l	First	Add'	SOMEC	SOMEC SOMAN	SOMAN	SOMAN	SOMAN	SOMAN
OPERA	TIONA	OPERATIONAL SUPPORT SYSTEMS (OSS) RATES		$\left \right $													
	NOTE NO	NOTE: (1) CLEC should contact hepotiation if it prefers the "regional" OSS charges as offered by BeilSouth. The OSS charges currentity contained in this rate exhibit are the PSC state content and the restore and active	gional" O	DSS charg	ges as offered by E	BellSouth. 1	he OSS charges	currently conta	ined in this rate	exhibit are the	PSC state orde	red state sn	actici" samic	s ordering ch	Narries CI FC	nav elect aith	r the state
	specific	specific Commission ordered rates for the service ordering charges, or CLEC may elect the regional	LEC may	elect the	regional service or	rdering chan	service ordering charge, however, CLEC can not obtain a mixture of the two.	EC can not obta	In a modure of t	the two.							
	NOTE	NOTE (2) Any element that can be ordered electronically with be billed according to the SOMEC rate listed in this category. Please refer to BellSourt's Business Rules for Local Ordering (BBR-LO) to determine it a conduct can be ordered electronically. For those elements that	tocording	to the SC	OMEC rate listed in	n this catego	ry. Please refer	to BeliSouth's B	lusiness Rules	for Local Orderir	ng (BBR-LO) to	determine if	a product ca	an be ordered	electmonically.	For those ale	ments that
~	cannot	cannot be ordered electronically at present per the BBR-LO, the listed SOMEC rate in this category	OMEC rat	te in this c	category reflects th	he charge th	reflects the charge that would be billed to a CLEC once electronic ordering canabilities come on-line for that element. Otherwise, the manual orderino charge SOMAN will he	d to a CLEC on	the electronic ord	terino capabilitie	s come on-line	for that elen	nent Otherv	wise, the man	ual ordering ch	arne SOMAN	will he
		OSS - Electronic Service Order Charge, Per Local Service						C									2
		Request (LSR) - UNE Only		_		SOMEC		(7.88)	0.0	6.82	00:0						
		OSS - Manuel Service Order Charge, Per Local Service Request (LSR) - UNE Only	-			SOMAN					2						

Exhibit 2

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dwcgi-4641-1064249171-767780000.xls

04/18/03

Exhibit: B		Incremental Incremental Charge - Charge -	N V	_					SOMAN SOMAN				tained in this rate	i charge	electronically For	Otherwise, the manual																									-						-											-			Dare 30 of 140	5	
Attachment: 2		Charge -	Manual Svc	Order ve	-			ISS RATES (\$)	SOMAN SOMAN	mear to Internet Vu			harge currently con	nic service orderin	uct can be ordered	e for that element.				-																																											
-		Charge -	Svc Order Manual Svc	-			1	U	OMAN SOM	hv Cantral Office			irvice ordering c	majonal electro	termine If a prod	ities come on-lir					_	1 00	7 86	7 86	7.86	7.86					-	7.86	7.86	09.1	•		7.86	7.86			7 06	00.1	7.86		7.86	7.86		7.86	7 86	8.5		7 86	P0: 1	7.86	30 1	98./		7.86	7.66			From 2000	
						0	-		SOMEC SOMAN	Designations			he electronic se	C may elect the	(BBR-LO) to de	ordering capabili				-																			-							•															•	P P):
								na Disconnect	First Add7	raged UNE Zons	•		commissions. T	charges, or CLE	Local Ordering	vice electronic c						5 7 RE		5 7.65									0.00								7.65		5 7.65		80')	7.65		7.65	7.65			14.88		14.88	14 89			14.00	14.88	•••			
					•				First	aphically Dame	•		d by the State C	whice ordering	Iness Rules for	led to a CLEC o		0.99					7 26.65			9	8	9		-			20.04		0	6	8	9			7 26.65		7 26.65	7 26.65		7 26.65		28.65	7 26.65			7 73.65		7 73.65	7 73.65		73 85		7 73.65		•		
	•		RATES (5)					Nonrecurring	Lppy	To view Geogra			rges as ordered	he electronic se	ellSouth's Bus	at would be bill				2			86 22.57			6 24.16				23.01			20.02			9 13.49					8 22.57		8 22.57	20 67		6 22.57	_	1077 0	8 22.57			81.87		9 81.87	9 81.87		81 87		9 81.87				
		•						Nor	First	d UNE Zones.			ce ordering cha	ered rates for ti	lease refer to B	s the charge th				80					46.8	24.16	13.4	8.00		23.01			19 44 97		9.0	13.49	46.8	24.1	-	-	56 46.66		56 46.66	34 46.66		34 46.66		-0.04 	11 46.66			37 134.89		134.89		23.01	134 80	L	.45 134.89			42 of 172	
		•						Rec	_	ally Deaverage			lectronic servic	mmission ord	is category. P	ategory reflect						10.56	÷	31.	_						ę		13.19				+				10.56		10.56	15.34		15.34		10	31.11			12.67		17.45	33.22		12.67		721			47	
									_	to Geographic			state specific e	tate specific Co	rate listed in th	C rate in this c		SUMAN	C LINCO	00		UEAL2	UEAL2	UEAL2	URET1	URETA		UEAMC	-		1 IEON	LIFOX	UEQZX		USBMC						DEALS		9 UEABS	DEALS	[B UEABS	t IFALS		I UEABS			UEAL2		NEWZ	UEA 2	OCOSI	UEAR2		UEAR2				
				_	Zone BCS					combination refers	n.htm		or if it prefers the	y elect either the s	ing to the SOMEC	0, the listed SOME	SK to Bellsouth.					1 UEANL		3 UEANL	UEAN	UEANL		UEAN		UEANL		2 UEO	1		UEO			050			1 UEPSR UEPSB		I UEPSK UEPSB	2 UEPSR UEPSB		2 UEPSR UEPSB	3 UEPSR UEPSR	1	3 UEPSR UEPSB			1 UEA	9 1 E A	1	3 UEA	UEA			2 UEA				
			•	Interl	_					is as part of a c	Interconnectio	_	ntract negotiat	rge. CLEC me	billed accord	per the BBR-L(-	-				+			6			į		_											+							
	· ·				KAIE ELEMENIS					The "Zone" shown in the sections for stand-sions koops or loops as part of a combination refers to Geographically Deaveraged UNE Zones. To year, Geographically Deaveraged UNE Zone Destinations hy Cambridge and a combination refers to favorate of the section of	http://www.interconnection.beilsouth.com/become_a_clec/htm/interconnection.htm	SUPPORT SYSTEMS	NOTE: (1) Electronic Service Order: CLEC should contract megditator if it prefers the state specific electronic service ordering charges as ordered by the State Commissions. The electronic service ordering charge currently contained in this rate	s the BellSouth regional electronic service ordering char-) Any element that can be ordered electronically will be	those elements that cannot be ordered electronically at present per the BBR-LO, the listed SOMEC rate in this category reflects the charge that would be billed to a CLEC once electronic content per the BBR-LO, the listed SOMEC rate in this category reflects the charge that would be billed to a CLEC once electronic content per the advect.	territed Sector Order Charace and SD Discoursed Only With It	laritori Danica Oruan Orianga, par LON, Diskurinaki Oriny (N. Jaritoriki OSS Chame, nar JSP, submitted da BST- OSS	iteractive interfaces (Renional)	UNBUNDLED EXCHANGE ACCESS LOOP	NALOG VOICE GRADE LOOP	2-Wire Analog Voice Grade Loop - Service Level 1- Zone 1	-Wire Analog Voice Grade Loop - Service Level 1- Zone 2	-Wire Analog Voice Grade Loop - Service Level 1- Zone 3	COOP 1054019 - DASKC 151 HAIF HOUL	Loop Testing - Basic Adomicinal Hair Hour	tanial Order Crowdination for I.M. SI 1= (nor hour)	Inter Condition for Specified Control of Time for 10.4 St	orus countrianor loi openieu curvasioni filita loi UVL-SL (nar 1 SP)	2-WIRE Unbundled COPPER LOOP	-Wire Unbundled Cooper Looo - Non-Designed Zone 1	Wire Unbundled Copper Loop - Non-Designed - Zone 2	2 Wire Unbundled Copper Loop - Non-Designed - Zone 3	Ider Coordination 2 Wire Unbundled Copper Loop - Non-	Designed (per loop) Encinements Information Doctored	Crigateering attornauon booument Loon Teeting - Beein tet Mair Liour	cor Testing - casic Additional Haif Hour	CHANGE ACCESS LOOP	MALOG VOICE GRADE LOOP	2 Wire Analog Voice Grade Loop-Service Level 1-Line Splitting-	one 1	2 Wre Analog Voice Grade Loop-Service Level 1-Line Splitting- Zrine 1	2 Wire Analog Voice Grade Loop- Service Level 1-Line Splitting-	Zone 2	Wire Analog Voice Grade Loop- Service Level 1-Line Splittin	2006 Z 2 Wire Analon Voine Grade I con-Service I and 1. I no Solithing	view mineral view diade confront to a long of the spiritual	2 Wire Analog Voice Grade Loop-Service Level 1-Line Splitting-	one 3 Change access I cob	I 2-WIRE ANALOG VOICE GRADE LOOP	2-Wire Analog Voice Grade Loop - Service Level 2 wiLoop or	Ground Start Signaling - Zone 1	www.sharug voice usade Loop - Service Level 2 witcop or round Start Signaling - Zone 2	Wire Analog Voice Grade Loop - Service Level 2 w/Loop or	Ground Start Signaling - Zone 3	<u>der Coordination for Specifieo Conversion Time (per LSK)</u> Wire Anahon Voice Grada I non - Service I evel 7 willeweree	Battery Signaling - Zone 1	Wire Analog Voice Grade Loop - Service Level 2 w/Reverse	attery Signaling - Zona 2	Manian 4000, Manuar			

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CATEGORY RETWORN ELEMENTS - NATURENTS - Interi CATEGORY RATE ELEMENTS - Interi 2.Wrs Anatog Voka Grade Loop - Service Level 2 w/Revense - Battery Signaling - Zone 3 - Battery Signaling - Zone 3 - Doop - Service Level 2 w/Revense								ŀ		_			
Interd RATE ELEMENTS 2.Whe Analog Voice Grade Loop - Service Level 2 w/Reverse Battery Signaling - Zone 3 Order Coordination for Specified Conversion Time (per LSR) E ANALOG VOICE GRADE LOOP	•		-										
Interi RATE ELEMENTS 10 2.2.Wre Analog Volce Grade Loop - Service Level 2 w/Reverse Battery Signaling - Zone 3 Order Coordination for Specified Conversion Time (per LSR) E ANALOG VOICE ENVICE LOOP								Sve Order	Svc Order	Incremental Charge - Manual Svc	Charge - Manual Svc	Charge - Manual Svc	Incremental Charge - Manual Byc
	Zone BCS	nsoc	•	•	KAIES ()					Order ve. Electronic- 1st		Order va. Electronic- Diac 1st	Order vs. Electronic- Disc Add1
			Rec	Nonracu		Vonneuming	Disconnect			OSS I	RATES (\$)		
•				First	Ę	First Add7	Ndd	SOMEC	SOMEC SOMAN	SOMAN	AN SOMAN	SOMAN	SOMAN
Order Coordination for Specified Conversion Time (per LSR) E AVALOS VOICE GIADUE LOOP E AVALOS VOICE GIADUE LOOP 2005 2005 GIADUE LOOP	3 UEA	UEAR2	33.22	134.89	81.87	73.65	14.88		7.86				
LE ANALOG VOKE GRADE LOOP	11	OCOSI		23.01									
	1 UEA	UEALA	29.26	164.11	112.36	78.91	18.66		7.86				
Η	2 UEA	UEALA	34.25	164.11	112.36	78.91	18.66		7.86				
-+		UEAL4	85.06	164.11	112.36	78.91	18.66	-	7.86				
Order Coordination for Specified Conversion Time (per LSR)	UEA	ocost		10.62									
+	T	U1L2X	18.44	146.77	95.02	71.38	13.83		7.86				
॑	2 UDN	U1L2X	25.08	146.77	95.02	71.38	13.83		7.86				
╈		01L2X	42.87	146.77	20.02	71.38	13.83		8		_		
Under Coordination For Specified Conversion I time (Les Locy)	200	0000		10.07									
2-Wre Universal Digital Channel (UDC) Compatible Loop - Zone		11DC9X	18.44	146.77	86.02	71.38	13.83		7.86				
	T	11DC:2X	25.08	146.77	85.02	71.38	13.83		7.86				
2-Wire Universal Digital Channel (UDC) Compatible Loop - Zone						1			,				
3 26 ASYMMETRICAL DIGITAL SUBSCRIBER LINE (ADSL) COMPATIBLE L	3 JUDC		42.87	145.77	20.02	1.38	13.83		98.7				
		. 11	Ş		5	8	4.11		g F				
A recirity reserveuon - 2018 1 2 Wire Unbundled ADSL Loop Including manual service Inquiry	-	V7 WO	70'01	8.1	21.81	70.00			8.				
	2 UAL	UAL2X	11.79	141.98	79.73	69.02	11.47		7.86				
2 Wre Unbundled ADSL Loop Including manual service inquiry & facility reservation - Zone 3	3 UAL	NAZX	12.87	141.98	79.73	69.02	11.47		7.86		<u>.</u>		
Order Coordination for Specified Conversion Time (per LSR)	UAL	OCOSL		23.01				ŀ					
	1 UAL	UAL 2W	10.82	121.18	69.00	69.09	11.54		7.86				
	2 UAL	UALZW	11.79	121.18	00.69	60.69	11.54		7.86				
2 Wre Unbundled ADSL Loop without manual service inquiry &		THAT IN IT	6 7	-	90	5			5				
racility reservation - 2018 3 Order Coordination for Specified Conversion Time (per LSR)		0COSL	10.21	23.01	00:90	60'80	t C'1		/.00				
2-WIRE HIGH BIT RATE DIGITAL SUBSCRIBER LINE (HDSL) COMPATIBLE LO	8												
2 Wre Unbundied HLSL Loop including manual service inquiry & facility reservation - Zone 1	- UHL	UHLZX	8.75	151.54	89.29	69.69	11.54		7.86				
2 Wre Unbundled HUSL Loop Including manual service inquiry & facility reservation - Zone 2	2 UHL	UHL2X	9:56	151.54	89.29	69.09	11.54		7.86				
2 Wire Unbundled HDSL Loop Including menual service inquity 2 farility reservation - 7 cma 3	3 (1)HI	X2 HIII	10.61	151 54	89.29	60 09	11 54		7 BG				
Order Coordination for Specified Conversion Time (per LSR)		OCOSI		23.01									
2 Wire Unbundled HDSL Loop without manual service inquiry and facility reservation - Zone 1	1 UHL	UHLZW	8.75	130.74	78.56	60.69	11.54		7.86				
2 Wire Unbundled HDSL Loop without manual service inquiry and facality reservation - Zone 2	2 UHL	UHL2W	99.6	130.74	78.56	80.68	11.54		7 86				
2 Wire Unbundled HDSL Loop without manual service inquiry													
and facility reservation - Jone 3 Dorder Provinsition for Smartlard Conversion Time (ner I SR)		ML2NU MCOSI	10.61	130.74	78.56	69:09	11.54		7.86				
4-WIRE HIGH BIT RATE DIGITAL SUBSCRIBER LINE (HDSL) COMPATIBLE LOOP				10.07						_			
4 Wire Unbundled HDSL Loop including manual service inquiry and facility reservation - Zone 1	E E	UHL4X	13.95	185.75	123.50	74.95	14.69		7.86			 	
4-Wire Unbundled HDSL Loop Including manual service inquiry	- FII		15 00	40E 7E	133 EA	30 72		· ·					
4-Wire Unbundled HDSL Loop including manual service inquiry			8	01,001	00.021	DR:41	20.41		8				
and facility reservation - Zone 3 Onther Contribution for Specified Conversion Time (per LSR)	3 CHL	UHL4X OCOSL	16.98	185.75	123.50	74.95	14.69		7.86				

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Interf Zame BCS USCO interf Interf Zame BCS USCO interf 1 UH UHAW 13.86 interf 2 UH UHAW 13.86 interf 3 UH UHAW 13.86 interform 3 UH UDU UDU interform 0.00 UDU UDU 2.47 interform 0.00 UDU UDU 2.46 interform 0.00 UDU UDU 2.46 interform 0.00 UDU UDU 2.46 interform 0.00 UDU UDU 2.46 </th <th>LINBLINDLED NETWORK ELEMENTS - Kentucky</th> <th></th>	LINBLINDLED NETWORK ELEMENTS - Kentucky														
Avrite El EleiBHTS Information Boots Usocs Avrite El EleiBHTS Information Else 10000 Avrite Unbrunded (150, Loop withion minual areade hybrid) 1 1011 10440 1368 Avrite Unbrunded (150, Loop withion minual areade hybrid) 2 1011 10440 1368 Avrite Unbrunded (150, Loop withion minual areade hybrid) 2 1011 10440 1368 Avrite Unbrunded (150, Loop withion minual areade hybrid) 2 1011 10440 1368 Avrite Unbrunded (150, Loop withion minual areade hybrid) 3 1011 1011 1011 Avrite Unbrunded (158, Loop withion minual areade hybrid) 3 1011 1011 1011 Avrite Unbrunded (158, Loop withion minual areade hybrid) 3 1011 1011 1011 Avrite Unbrunded (158, Loop withion minual areade hybrid) 3 1011 1011 1011 Avrite Unbrunded (158, Loop withion minual areade hybrid) 3 1011 1011 1011 Avrite Unbrunded (158, Loop withion minual areade hybrid) 3 1011 1011 1011		\vdash													
ANTE ELEMENTS Intel m Zons Use Ros Ros 4-Whe Urbundied (FQSL Loop without menual service hearth) 1<												Charte -	Incremental Channe -	Incremental Chame -	Incremental Charge -
Avtre ELEMENTS Infer Zone Res Nacc 4 Wre Unknuchel (15), Loop virthout menual arevise highly 4 Wree Unknuchel (15), Loop virthout menual arevise highly 6 Wree Unknuchel (15), Loop virthout menual arevise 1 (15), Loop virthout menual arevise highly 6 Wree Unknuchel (15), Loop virthout menual arevise 1 (15), Loop virthout menual 4 Wree Unknuchel (15), Loop virthout menual arevise 1 (15), Loop virthout menual 4 Wree Unknuchel (15), Loop virthout menual 4 Wree Unknuchel 4 Wree Unknuchel (15), Loop virthout menual 4 Wree					••		RATES (\$)	:	•			Manual Svc	Manual Svc	. 5	Manual Svc
Res Res <th></th> <th></th> <th>•</th> <th>USOC</th> <th>•</th> <th></th> <th></th> <th></th> <th></th> <th>Submitted</th> <th>Submitted</th> <th>Order va. Electronic-</th> <th>Order vs. Electronic-</th> <th>Order vs. Flectronic-</th> <th>Order vs. Flactionics</th>			•	USOC	•					Submitted	Submitted	Order va. Electronic-	Order vs. Electronic-	Order vs. Flectronic-	Order vs. Flactionics
Ref Fig Part of HGS, Loop without manual service inquity 1 UH UH, MM 15.66 of HGS, Loop without manual service inquity 2 UH UH, MM 15.66 of HGS, Loop without manual service inquity 3 UH UHA 15.66 of HGS, Loop without manual service inquity 3 UH UUL 15.66 of HGS, Loop without manual service inquity 3 UH UUL 15.66 of HGS, Loop without manual service inquity 3 UH UUL 15.66 of HGS, Loop without manual service inquity 3 UH UUL 15.66 of HGS, Loop without manual service inquity 3 UUL UUL 25.66 of HGS, Loop without manual service inquity 3 UUL UUL 25.66 of HGS, Loop without manual service induction 3 UUL UUL 25.66 of HGS, Loop without manual service induction 3 UUL UUL 25.66 of HGS, Loop without manual service induction 3 UUL UUL 25.66 <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th>per LSR</th> <th></th> <th>181</th> <th>Add'I</th> <th>Disc 1st</th> <th>Disc Add1</th>										per LSR		181	Add'I	Disc 1st	Disc Add1
del HDS, Loop without manual service inquity 1 UH, HM, M 13.86 1 RefineZone 1 at HDS, Loop without manual service inquity 2 UH, M UH, MM 13.86 1 RefineZone 2 at HDS, Loop without manual service inquity 3 UH, M UH, MM 15.86 1 RefineZone 2 at HDS, Loop without manual service inquity 3 UH, M UH, MM 15.86 1 11.91					Rec	Nonrecurring		Nonrecurring	Disconnect			OSS R	ATES (\$)		
Television 1 UH UH 4M 13.66 Television Television 1 UH 4M 15.66 Television Television 1 UH 4M 15.66 Television 1 UH 4M 15.66 15.66 Television 1 USLXX 86.47 16.66 Television 1 USLXX 87.47 16.66 Television 1 USLX USLXX 87.47	HDSI I non without manual sandra houthu	+				First	1 1 1	First	1.ppv	SOMEC	SOMAN	SOMAN SOMAN	SOMAN	SOMAN	SOMAN
Mile Mile <th< th=""><th>ation - Zone 1 ation - Zone 1</th><th>-</th><th></th><th>UHL4W</th><th>13.05</th><th>164.95</th><th>114.04</th><th>77.32</th><th>15.80</th><th></th><th>7.86</th><th></th><th></th><th></th><th></th></th<>	ation - Zone 1 ation - Zone 1	-		UHL4W	13.05	164.95	114.04	77.32	15.80		7.86				
Mile Loge Mile UNLAW 16.86 Mile COORL 3 UH UNLAW 16.86 Mile Coordination 3 UH 00001 14.40 Mile Coordination 3 USL 00011 30150 20171 Mile Coordination 3 USL 00011 001149 20171 Mile Coordination 3 USL 0001149 20176 20171 Mile Coordination 3 USL 0001149 20176 20171 Mile Coordination 3 USL 0001149 2016 2016 Mile Coordination 3 USL 0001149 2016 2016 Mile UNDAM 1001 000148 2016 2016 Mile	I HDSL Loop without manual service inquiry ation - Zone 2			UHL4W	15.68	184 85	114 04	08 LL	14, 80		7 90				
Microsoft J. H.H. UNAMIN Telest Microsoft Microsoft J. H.H. UNAMIN Telest Microsoft Microsoft J. H.H. UNAMIN Telest Microsoft Microsoft J. B.N. USL/XX 287/19 Microsoft Microsoft J. B.N. USL/XX 287/19 Microsoft Microsoft J. B.N. USL/XX 287/19 Microsoft Microsoft J. B.N. UDL/H UDL/H 27/16 Microsoft J. B.N. UDL/H UDL/H UDL/H 27/16 Microsoft J. B.N. UDL/H UDL/H 27/16 27/16 Microsoft UD	HDSL Loop without manual service inquiry	\vdash	1-						8.21	1	8				
Opp Component Comp	ation - 2one 3 n for Specified Conversion Time (per LSR)	+		UHLAW OCOSI	16.98	164.95	114.04	71.32	15.80		7.86				
III LOD Joint USL U	0P	╀	-		T	10.02									
Incomestant	Loop - Zone 1	╟╢	-	NSLXX	86.47	306.69	174.44	66.83	14.55		7.86				
Construction Construction<	Loop - Zone Z Loon - Zone 3	╉			114.10	306.69	174.44	66.83 24 20	14.55		7.86				
RdP (b) RdP (b) RdP (b) RdP (c) RdP (c) <t< td=""><th>n for Specified Conversion Time (per LSR)</th><td>╉</td><td></td><td>OCOSL</td><td>0/1/87</td><td>23.01</td><td>1/4.44</td><td>8.83</td><td>14.25</td><td>T</td><td>7.86</td><td></td><td></td><td></td><td></td></t<>	n for Specified Conversion Time (per LSR)	╉		OCOSL	0/1/87	23.01	1/4.44	8.83	14.25	T	7.86				
Object Control Direct Direct <thdirect< th=""> <thdirect< th=""> <thdirect< t<="" td=""><th>BPS DIGITAL GRADE LOOP</th><td>\mathbb{H}</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></thdirect<></thdirect<></thdirect<>	BPS DIGITAL GRADE LOOP	\mathbb{H}													
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ad Copper Loop/Long - without manual service 2 UCL UCL2W 36.04 W reservation - Zone 2 UCL UCL2W 36.04 V reservation - Zone 3 UCL UCL2W 69.06 on for Unbundied Copper Loops (per loop) 1 UCL UCL2W 69.06 on for Unbundied Copper Loops (per loop) 1 UCL UCL3W 69.06 on for Unbundied Copper Loops (per loop) 1 UCL UCL3W 69.06 on for Unbundied Copper Loops (per loop) 1 UCL UCL3W 69.06 on for Unbundied Copper Loops (per loop) 1 UCL UCL3W 69.06 on for Unbundied Copper Loops (per loop) 1 UCL UCL3W 69.06 on for Unbundied Copper Loops (per loop) 1 UCL UCL3W 16.02 on for Linbundied Copper Loops (per loop) 2 UCL UCL3W 16.02 on for Linbundied Copper Loops (per loop) 2 UCL UCL3W 16.02 on for Linbundied Copper Loops (per loop) 2 UCL UCL3W 16.02 on for Linbundied Copper Loops (per loop) 2 UCL UCL3W 16.02 on for Linbundied Copper Loops (per loop) 2 UCL UCL3W 16.02 on for Linbundied Copper Loops (per loop) 2 UCL UCL3W 16.02 on for Linbundied Copper Loops (per loop) 2 UCL UCL3W 16.02 on for Linbundied Copper Loops (per loop) 2 UCL UCL3W 16.02 on for Linbundied Copper Loops (per loop) 2 UCL UCL3W 16.02 on for Linbundied Copper Loops (per loop) 2 UCL UCL3W 16.02 on for Linbundied Copper Loops (per loop) 2 UCL UCL3W 16.02 on for Linbundied Copper Loops (per loop) 2 UCL UCL3W 16.02 on for Linbundied Copper Loops (per loop) 2 UCL UCL3W 16.02 on for Linbundied Copper Loops (per loop) 2 UCL UCL3W 16.02 on for Linbundied Copper Loops (per loop) 2 UCL UCL3W 16.02 On for Linbundied Copper Loops (per loop) 2 UCL UCL3W 17.38 on for Linbundied Copper Loops (per loop) 2 UCL UCL3W 17.38 On for Linbundied Copper Loops (per loop) 2 UCL UCL3W 16.02 On for Linbundied Copper Loops (per loop) 2 UCL UCL3W 17.38 On for Linbundied Copper Loops (per loop) 2 UCL UCL3W 17.38 On for Linbundied Copper Loops (per loop) 2 UCL UCL3W 17.38 On for Linbundied Copper Loops (per loop) 2 UCL UCL3W 17.38 On for Linbundied Copper Loops (per loop) 2 UCL UCL3W 17.38 On for Linbundied Copper Loops (per loop) 2 UCL UCL3W 17.38 On for Linbundied	Copper Loop/Long - without manuel service reservation - Zone 1		nc.	UCI 2W	24.01	130 EF		8							
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Vrservetion - Zone 3 3 UCL UCL2W 69.06 on for Unbundled Copper Loops (per loop) 1 UCL UCLMC 69.06 oop/Short - Including manual service inquity 1 UCL UCL4S 16.02 oop/Short - Including manual service inquity 1 UCL UCL4S 16.82 oop/Short - Including manual service inquity 2 UCL UCL4S 17.36	Teservation - 2.0ne 2 Copper Loop/Long - without manual service	╀		UCL 2W	36.94	120.15	67.97	69.09	11.54		7.86				·
001 for Unbundled Copper Loops (per loop) UCL UCLMC UCLMC Optimization Comparison optimization	reservation - Zone 3	-		UCL2W	69.95	120.15	67.97	80.08	11 54		1 00				
oop/Short - Including manual service Inquity 1 UCL UCL4S 16.82 16.82	1 for Unbundled Copper Loops (per loop)	+	d	UCLINC		9-00 0-00	00.6				3				
2 UCL UCLAS 16.82	p/Short - including manual service inquiry	\vdash													
2 UCL UCL4S 17.36	po/Short - Including manual service inquiry	╉	1 00	NC 48	16.92	170.31	108.06	74.95	14.69		7.86				
	tion - Zone 2		2 UCL	UCL4S	17.36	170.31	108.06	74 05	14 80	•	8	•			
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UNBUND	UNBUNULEU NEIWUKK ELEMENIS - KONTUCKY												Atta	Attachment: 2		Exhibit: B
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CALEGURY	KAIR ELEMEN U		zone BCS	 20	nsoc							_		Electronic	Electronic-	Electronic-
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-	4-Wire Conner Loon/Short - Including manual service Incurity	Ţ					First	Lppy	First	Lppy	SOMEC 2	SOMAN S(SOMAN SOMAN	SOMAN	SOMAN	SOMAN
	and facility reservation - Zone 3		3 UCL	Ŋ	UCL4S	28.10	170.31	108.06	74.85	14.69		7 86				
	Order Coordination for Unbundled Copper Loops (per loop)		ช	5	SLMC		9.00	8.00				8				
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	4-Wire Copper Loop/Short - without manual service inquiry and faultiv reservation - 7 ona 2		<u>.</u>						2011	60°1		8				
	4-Wire Copper Loop/Short - without manual service inquiry and			5		8.	7C'641	81.33	/4.82	14.69		1.86		Ī		
	facility reservation - Zone 3 Order Coordination for Unbundied Conner I none (ner loon)	Ţ	9 2 2 2 2 2	3	UCL4W	28.10	149.52	97.33	74.95	14.69		7.86				
	4-Wire Unbundled Copper Loop/Long - Includes manual svc.		5	5	2		M'R	9:00				. 	_			
	Inquity and facility reservation - Zone 1 4 Wire I Inhundred Crement accord and - Induidee manual and		1 10	<u>3</u>	UCLAL	46.91	170.31	108.06	74.95	14.69		7.86				
	Inquity and facility reservation - Zone 2		2 UCL	n.	UCLAL	45.78	170.31	108.06	74.95	14.69		7.86				
	4-Wire Unbundled Copper Loop/Long - includes manual svc. incutry and facility reservation - Zone 3	. ".	2		-	10 171	10.011				ŀ	3				T
	Order Coordination for Unbundled Copper Loops (per loop)		ncr	Ŭ	UCLMC	5	00.0	8.00	(4.80	14.0A		1.86				
	4-Wire Unbundied Copper Loop/Long - without manual svc. Inquiry and facility reservation - Zone 1		2	-	24 20	10.04										
	4-Wire Unbundled Copper Loop/Long - without manual svc.		1.	5		A.OF	70.841	SC. /8	/4.96	14.69		7.86				
	inquiry and facility reservation - Zone 2		2 UCL	<u> </u>	UCL40	45.78	149.52	97.33	74.95	14.69	•	7.86		<u> </u>		
	4-type unounoise copper coop/cong - without manual svc. Inquiry and facility reservation - Zone 3		3 00	00	140	171 34	140.67	07.94	2012							
	Order Coordination for Unbundled Copper Loops (per loop)		ncr	ă	UCLINC		8.00	8.00	8.4	AD + 1		98.7				
LUCE MUDIFICATION	Incluided I can Madifination Democratical and Calls 2 Miles															
	Distribution and mountation, removed or Loss Cons - 2 Wile		UAL, UHL, L	UAL, UHL, UCL, UEQULM21	M2L		9.24	9.24				202				
	Unbundled Loop Modification, Removal of Load Coils - 2 whe greater than 18k ft			_=			2000					8				T
	Unbundled Loop Modification Removal of Load Coils - 4 Wire		555	5			947.74	342.24	ľ		-	7.86				
	less than or equal to 18K ft Unbundled Loop Modification Removel of Load Colls - 4 Wire		UHL, UCL	5	ULMAL	-	9.24	9.24				7.86			•	
	pair greater than 16k ft		g	5	ULM4G		342.24	342.24				7.86				
	Unbuncted Loop wooincauon reamoval of bringed 1ap Removal, per unbundled loop		UAL, UHL, L	<u>UAL, UHL, UCL, UEQULMBT</u>	MBT		10.47	10.47				200 F				T
SUB-LOOPS	son Distribution											8				Ī
	Sub-Loop - Per Cross Bax Location - CLEC Feeder Facility Set-	$\frac{1}{2}$								ŀ						
		-	UEANL	<u>s</u>	USBSA		207.91	207.91		-		7.86				
·	Sub-Loop - Per Cross Box Location - Per 25 Pair Panel Set-Up	-	UEANL	su .	USBSB		12.50	12.50		•		99 2				
	Sub-Loop - Per Building Equipment Room - CLEC Feeder Facility Set-Up	-	LIFANI	9	licber							8.	+			
	Sub-Loop - Per Building Equipment Room - Per 25 Pair Panel	<u> </u>		5			00.00	90.6/				7.86				
	Sub-Loop Distribution Per 2-Wire Analog Voice Grade Loop -	-	UEAN	<u> </u>	USBSD		45.04	45.04				7.86				
	Zone 1 Sub-1 non Obsthinition Box 2 With Andrew Miles Cond. 1	-	1 UEANL	S	USBN2	6.34	85.03	39.05	59.81	7.90		7 86				
	CORP.2 2010 2 2010 2 2010 2 2010 2 2010 2 2010 - 2 2010 2 2010 - 2 2010 2 2010 2 2010 - 2 2010 2 2	-	2 UEANL	SN	USBN2	90.6	85.03	39.05	59.81	7 00		8				
	SUB-LOOP UNSTROUTION PER 2-WINE ANBLOG VOICE Grade Loop - Zone 3	-	3 UEANL	ns	USBN2	14.82	5	200				8	-			
	Order Crossfington for Unbundled Sub Land						3	07-80	19.90	8		7.86				
	Sub-Loop Distribution Per 4-Wire Analog Voice Grade Loop -	\uparrow	NEANL	S)	USBMC		8.00	8 .00							<u>.</u>	- <u></u> .
	Zone 1 Sub-Loop Distribution Per 4-Wire Analog Voice Grade Loop -	-	1 UEANL	SI	USBN4	8.14	102.31	56.32	65.24	10.88		7.86				
-	Zone 2		2 UEANL	SN	USBN4	8.63	102.31	56.32	R5 24	10.88		90 -				
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UNBUND	UNBUNDLED NETWORK ELEMENTS - Kentucky	ŀ			·								¥	Attachment: 2		Exhibit: B
۰.							. ,						1	Incremental	Incremental	Incremental
					•			RATËS (\$)		••			ų	Charge - Manual Svc		Charge - Manual Svc
CATEGORY	Y RATE ELEMENTS	N H	Zone	BCS	nsoc	•					_		Order vs. Electronic-	Order vs. Electronic-	Order va. Electronic-	Order vs. Electronic-
	· · ·										per LSK	per LSK	1	LDDY	Disc 1st	Disc Add'
						Rec	Nonrecurring First A	Add1	Nonrecurring Disconnect First Add7	Disconnect Add7	SOMEC	SOMAN	OSS RATES (\$) SOMAN SOMAN	LATES (\$) SOMAN	SOMAN	SOMAN
·	Sub-Loop Distribution Per 4-Wire Analog Voice Grade Loop - Zone 3		3 UEANL	5	NBN	25.60	102.31	56.32	65.24	10.88		7.86				
	Order Coordination for Unbundled Sub-Loops. Der sub-toop pair		UEANL		SBMC		8	000								
	Sub-Loop 2-Wire Intrabuilding Network Cable (INC)	-	UEANL		USBR2	2.57	68.35	22.36	59.81	7.90		7.86				
	Order Coordination for Unbundled Sub-Loops, per sub-loop pair		UEANL	_	SBMC	•	8.00	8.00								
	Sub-Loop 4-Wire Intrabuilding Network Cable (INC)	-	UEANL		USBR4	4.96	76.49	30.51	65.24	10.88		7.86				
	Order Coordination for Unbundled Sub-Loops, per sub-loop pair		UEANL	ŋ	USBMC		9.00	9.00		;						
	2 Wire Copper Unbundled Sub-Loop Distribution - Zone 1		- CEF		CS2X	5.45	85.03	39.05	59.81	7.90		7.86				
	2 Wre copper Unbundled Sub-Loop Distribution - 20ne 2		4 UEF	10	UCS2X	9.67	85.03 20.38	39.05	59.81	7.90		7.86				
	Order Coordination for Unbundled Sub-Loops, per sub-toop pair		LEF L		SBMC		00.6	00.6								
	4 Wire Copper Unbundled Sub-Loop Distribution - Zone 1	-			CS4X	60'1	102.31	56.32	65.24	10.88		7.86				
	4 Wire Copper Unbundled Sub-Loop Distribution - Zone 2 4 Wire Copper Unbundled Sub-Loop Distribution - Zone 3		3 <u>CEF</u>		UCS4X UCS4X	8.66 19.40	102.31	56.32	65.24 65.24	10.88		7.86				
						2		*****		3.21		8				
Unbr	Urder Coordination for Unburnated Sub-Loops, per sub-toop pair undied Sub-Loop Modification	t			USBMC		9.00	8.00								
	Unbundled Sub-Loop Modification - 2-W Copper Dist Load Colification Removal per 2-W PR	<u> </u>	UEF		Xamin		8.9	5.23				8				
	Unbundled Sub-loop Modification - 4-W Copper Dist Load		111				3	2				8				
	Unbundled Sub-toop Modification - 2-w/4-w Copper Dist Bridged		,	<u></u> -			370	57°C				98. 1				
Inter	Tap Removal, per PR unloaded	+			ULMAT		7.67	7.97		·		7.86				
	Unbundled Network Terminating Wire (UNTW) per Pair	+-	UENTW		UENPP	0.53	23.51	23.51				7.86				
Netw	vork Interface Device (NID)											3				
-	Network Interface Device (NIU) - 1-2 Intes Network Interface Device (NID) - 1-6 lines	+-			UND18		73.53	49.47				2.86				
	Network Interface Device Cross Connect - 2 W		UENTW		NDC2		8.56	8.56				8.1				
SUB-LOOPS	Network Interface Device Cross Connect - 4W	+	NENTW		NDCA		8.56	8.56				7.86				
-du8	ě			ŀ												
	USL-Feeder, DS0 Set-up per Cross Box location - CLEC Distribution Facility set-up		UEA UDNILIC		LISRFW		207.04									
	USL Feeder - DS0 Set-up per Cross Box location - per 25 pair	<u> </u>					10-10-1 10-10-1					8				
	USL Feeder DS1 Set-up at DSX tocation, per DS1 termination	1		ş	USBFZ		12.50	12.50				7.86				
	Unbundled Sub-Loop Feeder Loop, 2 Wire Ground Start, Voice Grade - Zone 1		1 1154			5	877	2				8		,		
	Unbundled Sub-Loop Feeder Loop, 2 Wire Ground-Start, Voice						8- <u>1</u> -1	5	K-Y	17.11		98. /				
	Unbundled Sub-Loop Feeder Loop, Per 2 Wire Ground-Start,	\dagger	Z NEA	1	USBFA	9.70	114.83	64.61	72.34	17.21	1	7.86				
	Voice Grade - Zone 3	\dagger	3 UEA		USBFA	19.53	114.83	64.61	72.34	17.21		7.86				
	Order Coordination for Specified Conversion Time, per LSR Unbundlide Sub-Lono Feeder Loop. 2 Wire Loon-Start. Voice	+	NEA				23.01									
_	Grade - Zone 1 Grade - Zone 1	+	1 UEA	<u>د</u>	USBFB	1.67	114.83	64.61	72.34	17.21		7.86				
	Unbundled Sub-Loop Feeder Loop, 2 Wire Loop-Start, Voice Grade - Zone 2	-	2 UEA		USBFB	9.70	114.83	64.61	72.34	12.21		8				
	Unbundled Sub-Loop Feeder Loop, 2 Wire Start Loop, Voice Grade - Zone 3		3 11FA		CDCD	54 05				1		3				
	Order Coordination for Specified Time Conversion, per LSR		UEA		OCOSL	8:	23.01	10.40	12.34	17.21		7.86				
	unbungted Sub-Loop reader Loop, z Wite Newerse Battery, Voice Grade - Zone 1		1 UEA		USBFC	7.67	114.83	64.61	7 0 34	16 21		8				
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Matrix statistical statiste statiste statistical statistical statistical statistical statis	≿		Inter	Zone	BCS	C		•	RATES (\$)			Submitted			Manual Svc Order vs.	Manual Svc Order vs.	Manual Sv Order vs.	ÿ.
International static			•			•						Elec per LSR	Manually per LSR		Electronic- Add'l	Electronic- Diac 1st	Electronic Disc Add'	م =
Inclusion for the set of the set		•					Rec	Nonrecu		Nonrecurring	ΞI			OSS R	ATES (\$)			
Treating and the state of the stat	1	Unbundled Sub-Loop Feeder Loop, 2 Wire Reverse Battery,		1-						Ä		SOMEC	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN	<u> </u>
Deter constant Deter constant Deter constant Deter constant <	1	Voice Grade - Zone Z Unbundled Sub-Loop Feeder Loop. 2 Wire Analon Reverse			UEA	USBFC	9.70	114.83	64.61	72.34	17.21		7.86					
District Sector Free Media (Law), Univer Sector Law), Sector Free Media (Law), Univer Sector Free Media	- 1	Battery, Voice Grade - Zone 3			UEA	USBFC	19.53	114.83	64.61	72.34	17.21		7 86					
Online Shi-Low Freed (constraint, visa) 1 User User <thuser< th=""></thuser<>		Order Coordination For Specified Conversion Time, per LSR		T	UEA	OCOSL		23.01					B					1
1 1		Uniounated Sub-Loop researe Loop, 4 Wire Stound-Start, Voce Grade - Zone 1			UEA	USBFD	2.82	131.73	79 08	Ca 1a	 F1 f2		8					
1 UEA UBBFC 27.34 131/3 788 61/2 51.96 7.86 1 UEA UBBFC 0.0340 27.34 131/3 73.86 61.82 51.96 7.86 1 UEA UBBFC 0.0347 73.81 61.82 51.96 7.86 2 UEA UBBFF 61.41 731/3 73.86 61.82 73.86 73.86 3 UEA UBBFF 63.46 73.173 73.88 61.82 73.86 73.86 2 UEA UBBFF 23.46 73.179 73.86 73.86 73.86 2 UEA UBBFF 23.46 73.179 76.46 76.86 77.86 3 UEA UBBFF 23.46 73.46 73.86 77.86 3 UEA UBBFF 23.46 73.66 73.86 77.86 3 UEA UBBFF 23.46 73.66 73.86 77.86 3		Unbundled Sub-Loop Feeder Loop, 4 Wire Ground-Start, Voice		1				2	0.91	70'10	BC IC		8					
	E	Unbundled Sub-Loop Feeder Loop, 4 Wire Ground Start, Voice			UEA	USBFD	27.24	131.73	79.96	81.82	51.56		7.86					
1 UEA DOOR 2.01 3.01	- 1	Grade - Zone 3			UEA	USBFD	61.41	131.73	79.98	81.82	51 56		7 06		ŗ			
Open of the stand of		Order Coordination For Specified Conversion Time, Per LSR			UEA	OCOSL		23.01			0.10		8					-1-
Universe Distribution		Grade - Zone 1			UEA	ISRFE	20.62	121 75	90 QF									T
Observation Constrained Constrained <thconstrained< th=""> <thconstrained< th=""></thconstrained<></thconstrained<>	1	Unbundled Sub-Loop Feeder Loop, 4 Wire Loop-Start, Voice					44 .0 7	131.13	DR.R/	29.15	51.56		7.86					-т
Other Control Other Contro Other Con		Grade - Zone 2 Ittehundted Cut-J over Exacted From 4 When Jone Start Victor			UEA	USBFE	27.24	131.73	79.98	81.82	51.56		7.86					
Homeling Statutor End Stat		Uniumates sub-Luch resum Lucy, 7 TTAS LUCY-SUBLY VICE			j.	USBFE	61.41	131 73	70.08	5	10							Т
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	11	Order Coordination For Specified Conversion Time, Per LSR				00001		23.01	19:30	10.10	9 <u>0</u> .10	Ĭ	7.86			Ì		
2 UNN USFF 1,66 1,13 0.01 1,14 666 7,86 1 UNN USFF5 1,8,6 131,73 0.01 1,14 666 7,86 1 UNN USFF5 13,65 131,73 0.01 7,16 7,86 1 UNN USFF5 13,66 13,173 0.01 7,16 7,86 1 US USFF5 2,8,17 7,84 7,86 7,86 7,86 1 US USFF6 62,17 2,8,47 7,86 1,86 7,86 1 US USFF6 62,17 2,8,47 7,86 1,86 7,86 1 US USFF6 63,17 7,16 7,16 7,16 2 UC USFF1 6,41 5,53 7,36 7,16 7,16 1 US US 13,61 13,61 7,16 7,16 7,16 2 UC US US	- 1	Unbundled Sub-Loop Feeder Loop, 2 Wire ISDN BRI - Zone 1		ГТ		USBFF	13.00	131.79	80.04	74.16	16.60		7 86	T				
3 0.00 00081 23.00 01.11 60.04 74.16 16.60 7.86 1 1 10.00 198F5 13.00 31.17 60.04 74.16 16.60 7.86 1 1 0.00 198F5 13.00 13.17 60.04 74.16 16.60 7.86 1 0.00 198F5 25.85 13.17 60.04 74.16 16.60 7.86 1 0.01 198F6 87.71 73.68 61.82 21.96 7.86 2 0.81 0.88F4 73.68 61.82 21.96 7.86 3 0.02 198F4 6.44 706.31 53.67 71.16 7.86 3 0.02 0.98F4 4.25 106.31 7.36 7.86 3 0.02 0.98F4 4.35 7.360 61.82 7.86 4 10.88F4 7.361 7.361 7.36 7.86 3 0.02	- 1	Unbundied Sub-Loop Feeder Loop, 2-Wire ISUN BRI - Zone 2 Unbundled Sub-Loop Feeder Loop 2-Wire ISUN BDI - 7cm 3		Т		USBFF	16.95	131.79	80.04	74.16	16.60		7.86					Т
1 100		Order Coordination For Specified Conversion Time. Per LSR					28.95	131.79	80.04	74.16	16.60		7.86					T-
2 UDC USFS 16.86 13.179 00.4 14.16 16.80 7.88 1 1 USC USFG 25.17 13.479 05.04 7.88 7.88 7.88 1 1 USC USFG 27.17 12.54 7.38 11.82 7.16 7.86 1 1 USL USFG 27.17 12.54 7.38 11.82 7.16 7.86 1 USL USFH 6.17 12.54 7.38 11.82 7.16 7.86 1 USL USFH 6.18 10.63 5.3.57 7.11.6 13.61 7.76 2 UCL USFH 6.78 10.63 5.3.57 7.11.6 13.61 7.66 1 UCL USFH 10.13 12.55 7.3.68 7.126 7.66 1 UCL USFH 10.3 17.12 16.86 7.7.66 1 UCL USFH 7.3.68 17.12 16.86		Unbundled Sub-Loop Feeder, 2 Wire UDC (IDSL compatible)				USBFS	13.00	131.79	80.04	74 16		·	100 2					П
1 0.00 0.06F6 2.846 131.78 7.46 7.86 7.86 1 0.01 USBFG 2.73 2.343 7.368 61.82 7.36 7.36 1 0.01 USBFG 2.73.3 2.343 7.368 61.82 7.36 7.36 1 0.01 USBFG 2.73.3 2.343 7.368 61.82 7.36 7.36 1 0.01 USBFG 2.73.3 2.343 7.368 61.82 7.36 7.36 2 0.02 USBFH 6.74 105.31 5.3.7 71.16 13.61 7.86 3 0.02 USBFH 4.25 1063.31 5.3.7 71.16 13.61 7.86 1 0.02 USBFH 10.33 7.3.60 7.76 7.86 2 0.02 USBFH 10.33 7.3.60 7.76 7.86 3 0.02 USBFH 7.3.61 7.7.13 16.86 7.86		Unbundled Sub-Loop Feeder, 2 Wire UDC (IDSL compatible)		-		USBFS	16.95	131.79	80.04	74.16	16.60	: .	8, 58					-
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$		Unbundled Sub-Loop Feeder Loop, 4 Wire DJC (USE compatible)		Т		USBFS	28.95	131.79	80.04	74.16	16.60		7.86					7
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$		Unbundled Sub-Loop Feeder Loop, 4-Wire DS1 - Zone 2				USBFG	87.71	125.43	73.68	81.82	21.56		7.86					
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$		Unbundled Sub-Loop Feeder Loop, 4-Wire DS1 - Zone 3				USBFG	273.33	125.43	73.68	81.82	2156		8.8					
1 0.4. UCBEH 6.44 105.31 55.57 71.16 13.61 7.86 2 UCL USBFH 6.78 106.31 53.57 71.16 13.61 7.86 1 UCL USBFH 4.25 106.31 53.57 71.16 13.61 7.86 1 UCL USBFH 4.25 106.31 53.57 71.16 13.61 7.86 2 UCL USBFU 10.32 125.55 73.80 77.12 16.66 7.66 3 UCL USBFN 20.71 15.54 73.80 77.12 16.66 7.66 1 UCL USBFN 20.73 73.68 81.82 21.56 7.86 3 UCL USBFN 20.71 155.43 73.68 81.82 7.86 4 100. USBFN 20.74 73.68 81.82 7.86 3 UCL USBFN 20.74 73.68 81.82 7.86 <td></td> <td>Order Coordination For Specified Conversion Time, Per LSR</td> <td></td> <td>Ť</td> <td></td> <td>OCOSL</td> <td></td> <td>23.01</td> <td></td> <td></td> <td>8</td> <td></td> <td>8</td> <td></td> <td></td> <td></td> <td>·</td> <td>Т</td>		Order Coordination For Specified Conversion Time, Per LSR		Ť		OCOSL		23.01			8		8				·	Т
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$		Unbundled Sub-Loop Feeder Loop, 2-Wire Copper Loop - Zone 1 Unbundled Sub-Loop Feeder Loop, 2-Wire Copper Loop - Zone		-		USBFH	6.44	105.31	53.57	71.16	13.61		7.86					T
3 UC USBFH 4.25 105 3.57 71.16 136 7.06 1 UC USBFJ 11.33 23.01 23.67 71.16 136 7.96 1 UC USBFJ 11.33 125.55 73.80 77.12 16.86 7.96 1 UC USBFN 28.11 153.55 73.80 77.12 16.86 7.76 2 UC USBFN 28.11 125.43 73.80 77.12 16.86 7.76 3 UC USBFN 28.01 125.43 73.60 81.82 21.56 7.76 3 UL USBFN 28.01 125.43 73.68 81.82 21.56 7.86 1 UL USBFN 28.01 125.43 73.68 81.82 21.56 7.86 3 UL USBFN 28.01 125.43 73.68 81.82 21.56		2			ja.	USBFH	5.78	105.31	£3.67	71 1R	13 61		1					
0 0.0. 0.038FH 4.25 106.31 53.57 71.16 13.61 7.86 1 UC USBFJ 11.33 125.55 73.80 77.12 16.86 7.86 2 UC USBFJ 10.23 125.55 73.80 77.12 16.86 7.86 1 UC USBFJ 10.23 125.55 73.80 77.12 16.86 7.86 1 UC USBFN 20.78 125.54 73.68 61.82 21.56 7.86 3 UC USBFN 20.76 125.43 73.68 61.82 21.56 7.86 3 UC USBFN 23.01 125.43 73.68 61.82 21.56 7.86 1 UD USBFN 23.10 125.43 73.68 61.82 21.56 7.86 3 UL USBFN 23.10 125.43 73.68 61.82 21.56 7.86 1 UL USBFN		Unbundied Sub-Loop Feeder Loop, Z-Wire Copper Loop - Zone								2	10-22		8					-
1 0.00 0.000 11.30 0.55.55 73.80 77.12 66.66 2 0.00 0.058F-1 10.36 125.55 73.80 77.12 16.66 1 0.00 0.058F-1 10.36 125.55 73.80 77.12 16.66 1 0.00 0.058F-1 10.32 125.55 73.80 77.12 16.66 1 0.00 0.058F-1 10.32 125.43 73.66 61.82 21.56 3 0.01 0.86F-1 26.41 125.43 73.68 61.82 21.56 2 0.01 0.86F-0 20.78 73.68 61.82 21.56 3 0.01 0.86F-0 20.73 125.43 73.68 61.82 21.56 3 0.01 0.86F-0 20.73 125.43 73.68 61.82 21.56 3 0.01 0.86F-0 20.73 125.43 73.68 61.82 21.56 1 0.01		Order Coordination For Specified Conversion Tune, per LSR		1		USBFH	4.25	105.31	53.57	71.16	13.61		7.86	•				
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3 UCL USBF/1 10.22 155.55 73.80 77.12 10.86 1 UC USBFN 23.01 73.66 61.82 21.56 2 UDL USBFN 23.10 73.68 61.82 21.56 3 UDL USBFN 23.10 73.68 61.82 21.56 3 UDL USBFN 23.10 73.68 61.82 21.56 2 UDL USBFN 23.10 17.54 73.68 61.82 21.56 3 UDL USBFO 28.41 125.43 73.68 81.82 21.56 3 UDL USBFO 23.10 17.54 73.68 81.82 21.56 1 UDL USBFO 23.10 175.43 73.68 81.82 21.56 1 UDL USBFO 23.10 125.43 73.68 81.82 21.56 10L USBFO 20.18 125.43 73.68 81.82 21.5		Sub-Loop Feeder - Per 4-Wire Copper Loop - Zone 2		2		USBFJ	10.18	125.55	73.80	21.12	16.86		7.86					Т
1 UCL DOORL 23.01 73.68 61.82 21.56 2 UDL USBFN 23.10 125.43 73.68 61.82 21.56 3 UDL USBFN 23.10 125.43 73.68 61.82 21.56 3 UDL USBFN 23.10 125.43 73.68 61.82 21.56 2 UDL USBFO 20.18 125.43 73.68 61.82 21.56 2 UDL USBFO 20.18 125.43 73.68 61.82 21.56 3 UDL USBFO 23.10 125.43 73.68 81.82 21.56 3 UDL USBFO 23.10 125.43 73.68 81.82 21.56 1 UDL USBFO 23.10 125.43 73.68 81.82 21.56 2 UDL USBFO 23.10 125.43 73.68 81.82 21.56 3 UDL USBFO 28.4		Sub-Loop Feeder - Per 4-Wire Copper Loop - Zone 3		5		USBFJ	10.32	125.55	73.80	101	10.00		98.7					E I
2 UL UL UN UN UN UN 27.56 73.68 61.82 21.56 21.56 3 UL USEFN 23.10 125.43 73.68 61.82 21.56 21.56 1 UL USEFN 23.10 125.43 73.68 61.82 21.56 2 UL USEFO 20.78 125.43 73.68 61.82 21.56 3 UL USEFO 23.10 125.43 73.68 81.82 21.56 1 UL USEFO 23.10 125.43 73.68 81.82 21.56 1 UL USEFO 23.10 125.43 73.68 81.82 21.56 1 UL USEFP 20.78 73.68 81.82 21.56 2 UL USEFP 20.78 73.68 81.82 21.56 3 UL USE 23.64 125.43 73.68 81.82 21.56 3 <td></td> <td>Sub-I cure to specified Conversion Time, per LSR Sub-I cure Feeder - Per 4.Wire 19 2 Khoe Durival Grade I con-</td> <td></td> <td>1</td> <td></td> <td>OCOSL</td> <td></td> <td>23.01</td> <td></td> <td></td> <td>3</td> <td></td> <td>8</td> <td></td> <td></td> <td></td> <td></td> <td>т Т</td>		Sub-I cure to specified Conversion Time, per LSR Sub-I cure Feeder - Per 4.Wire 19 2 Khoe Durival Grade I con-		1		OCOSL		23.01			3		8					т Т
3 UCL USBFN ZA:10 V25.43 73.68 81.82 21.56 1 UDL USBFO Z0.18 125.43 73.68 81.82 21.56 2 UDL USBFO Z0.18 125.43 73.68 81.82 21.56 3 UDL USBFO Z3.10 125.43 73.68 81.82 21.56 3 UDL USBFO Z3.10 125.43 73.68 81.82 21.56 1 UDL USBFO Z3.10 125.43 73.68 81.82 21.56 1 UDL USBFP Z0.78 125.43 73.68 81.82 21.56 2 UDL USBFP Z0.78 73.68 81.82 21.56 3 UDL USBFP Z0.74 73.68 81.82 21.56 3 UDL USBFP Z0.74 73.68 81.82 21.56 3 UDL USBFP Z0.74 73.68 81.82<		Sub-Loop Feeder - Per 4-Wire 19.2 Kbos Digital Grade I con	T	- ~		USBEN	20.78	125.43	73.68	81.82	21.56		7.86					Т
1 UDL USBFO 20.78 1.25.43 7.3.68 81.82 21.56 2 UDL USBFO 26.41 125.43 73.68 81.82 21.56 3 UDL USBFO 23.10 125.43 73.68 81.82 21.56 1 UQL USBFO 23.10 125.43 73.68 81.82 21.56 1 UQL USBFP 23.10 125.43 73.68 81.82 21.56 2 UDL USBFP 20.78 73.68 81.82 21.56 2 UDL USBFP 20.78 73.68 81.82 21.56 3 UDL USBFP 28.41 125.43 73.68 81.82 21.56 3 UDL USBFP 23.10 125.43 73.68 81.82 21.56 3 UDL USBFP 23.10 125.43 73.68 81.82 21.56 4 UCL USBFP 23.10 125		Sub-Loop Feeder - Per 4-Wire 19.2 Kbps Digital Grade Loop		6		USBFN	23.10	120.43	23.68	81.82	21.56		7.86					T
ev 4.Wire 56 Kbps Digital Grade Loop - 1 UDL USBFO 20.78 125.43 73.68 61.82 21.56 21.56 ev 4.Wire 56 Kbps Digital Grade Loop - 2 UDL USBFO 26.41 125.43 73.68 61.82 21.56 21.56 ev 4.Wire 56 Kbps Digital Grade Loop - 3 UDL USBFO 23.10 125.43 73.68 61.82 21.56 21.56 ev 4.Wire 64 Kbps Digital Grade Loop - 1 UDL USBFP 23.10 125.43 73.68 61.82 21.56 <t< td=""><td></td><td>Sub-Loop Feeder - Per 4-Wire 56 Kbps Digital Grade Loop -</td><td></td><td></td><td></td><td></td><td></td><td>24-12-2</td><td>Biz</td><td>70'10</td><td>BC:17</td><td></td><td>1.86</td><td></td><td></td><td></td><td></td><td>П</td></t<>		Sub-Loop Feeder - Per 4-Wire 56 Kbps Digital Grade Loop -						24-12-2	Biz	70'10	BC:17		1.86					П
we 4.Whe 66 Kbps Digital Grade Loop - 2 UDL USBFO 26.41 125.43 73.66 81.82 21.56 we 4.Whe 66 Kbps Digital Grade Loop - 3 UDL USBFO 23.10 125.43 73.68 81.82 21.56 we 4.Whe 64 Kbps Digital Grade Loop - 1 UDL USBFP 20.78 73.68 81.82 21.56 we 4.Whe 64 Kbps Digital Grade Loop - 1 UDL USBFP 20.78 125.43 73.68 81.82 21.56 we 4.Whe 64 Kbps Digital Grade Loop - 2 UDL USBFP 26.41 125.43 73.68 81.82 21.56 156 we 4.Whe 64 Kbps Digital Grade Loop - 3 UDL USBFP 26.41 125.43 73.68 81.82 21.56 156 we 4.Whe 64 Kbps Digital Grade Loop - 3 UDL USBFP 26.41 125.43 73.68 81.82 21.56 156 we 4.Whe 64 Kbps Digital Grade Loop - 3 UDL USBFP 26.41 125.43 73.68 81.82 21.56 156 we 4.Whe 64 Kbps Digital Grade Loop - 3 125.43		2018 1 Sub-Looo Feeder - Per 4.Wire 56 Khos Dirital Grada I		-		USBFO	20.78	125.43	73.68	81.82	21.56		7.86					
er 4.Wire 68 (bps Digital Grade Loop - 3 UDL USBFO 23.10 125.43 73.68 81.82 21.56 er 4.Wire 64 (bps Digital Grade Loop - 1 UDL USBFP 23.10 125.43 73.68 81.82 21.56 er 4.Wire 64 (bps Digital Grade Loop - 1 UDL USBFP 20.78 125.43 73.68 81.82 21.56 er 4.Wire 64 (bps Digital Grade Loop - 2 UDL USBFP 26.41 125.43 73.68 81.82 21.56 er 4.Wire 64 (bps Digital Grade Loop - 2 UDL USBFP 26.41 125.43 73.68 81.82 21.56 er 4.Wire 64 (bps Digital Grade Loop - 3 UDL USBFP 26.41 125.43 73.68 81.82 21.56 er 4.Wire 64 (bps Digital Grade Loop - 3 UDL USBFP 26.41 125.43 73.68 81.82 21.56 er 4.Wire 64 (bps Digital Grade Loop - 3 10.5 23.10 125.43 73.68 81.82 21.56 er 4.Wire 64 (bps Digital Grade Loop - 3 10.5 23.10 125.43 73.68		Zone 2				USBFO	26.41	175.42	69 CL	50								1
of Specified Time Conversion, per LSR 3 UUL USBFO 23.10 155.43 73.68 81.82 21.56 21.56 we 4.Wre 64 Kbps Digital Grade Loop - 1 UOL UCSBFP 20.78 73.68 81.82 21.56 21.56 we 4.Wre 64 Kbps Digital Grade Loop - 1 UOL USBFP 20.78 125.43 73.68 81.82 21.56 we 4.Wre 64 Kbps Digital Grade Loop - 2 UDL USBFP 26.41 125.43 73.68 81.82 21.56 we 4.Wre 64 Kbps Digital Grade Loop - 3 UDL USBFP 26.41 125.43 73.69 81.82 21.56 we 4.Wre 64 Kbps Digital Grade Loop - 3 UDL USBFP 26.41 125.43 73.69 81.82 21.56 of Specified Conversion Time, per LSR 3 UDL UOSBFP 23.10 125.43 73.68 81.82 21.56		Sub-Loop Feeder - Per 4-Wire 56 Kbps Digital Grade Loop -		-					3	1.00	7	T	88					-
we 4.Wre 64 Kbps Digital Grade Loop - 1 UDL USBFP 20.78 125.43 73.68 81.82 21.56 we 4.Wre 64 Kbps Digital Grade Loop - 2 UDL USBFP 26.41 125.43 73.68 81.82 21.56 we 4.Wre 64 Kbps Digital Grade Loop - 2 UDL USBFP 26.41 125.43 73.68 81.82 21.56 we 4.Wre 64 Kbps Digital Grade Loop - 3 UDL USBFP 26.41 125.43 73.68 81.82 21.56 or Specified Conversion Time, per LSR 3 UDL UOSFP 23.10 125.43 73.68 81.82 21.56		Order Coordination For Specified Time Conversion, per LSR		T		USBFO	23.10	125.43	73.68	81.82	21.56		7.86			-		
ter 4 Wire 64 Kope Digital Grade Loop - 1 UDL USBFP 20.78 125.43 73.68 81.82 21.56 7 ter 4 Wire 64 Kope Digital Grade Loop - 2 UDL USBFP 28.41 125.43 73.68 81.82 21.56 7 ter 4 Wire 64 Kope Digital Grade Loop - 3 UDL USBFP 28.41 125.43 73.68 81.82 21.56 7 or Specified Conversion Time, per LSR 3 UDL USBFP 23.10 125.43 73.68 81.82 21.56 7	1	Sub-Loop Feeder - Per 4-Wire 64 Kbps Digital Grade Loop -		1		1000			+									Ť
er + Wire 64 Küpe Digital Grade Loop - 2 UDL USBFP 26.41 125.43 73.68 81.82 21.56 7 er 4 Wire 64 Küpe Digital Grade Loop - 3 UDL USBFP 23.10 125.43 73.68 81.82 21.56 7 or Specified Conversion Time, per LSR 0.0L 0COSI 23.01 125.43 73.68 81.82 21.56 7		Zone 1 Suihi mm Fearlar - Par 4.Wira 64 Khna Nnikal Gravia I con		퀴		USBFP	20.78	125.43	73.68	81.82	21.56		7.86					r
er 4-Wire 64 Küpe Digital Grade Loop - 3 UDL USBEP 23-10 125.43 73.68 81.82 21.56 7 7 1 125.43 73.68 81.82 21.56 7 7 0 125.43 73.68 81.82 21.56 7 7 0 125.43 73.68 81.82 21.56 7 7 0 125.43 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		Zone 2					11 90	106				T			T.			T
or Specified Conversion Time, per LSR 3 UDL USBFP 23.10 125.43 73.68 81.82 21.56 7 I Specified Conversion Time, per LSR 3 UDL OCOSI 23.01 23.01 128.43 73.68 81.82 21.56 7 7		Sub-Loop Feeder - Per 4-Wire 64 Kbps Digital Grade Loop -		1			14.02	120.45	13.68	81.82	21.56	+	7.86				·	
		20rie 3 Order Coordination For Snecified Conversion Time ner I SD				USBFP	23.10	125.43	73.68	81.82	21.56	•	7 86					<u> </u>
				-		RUN N		23.01										7
curver 1000-1020				ļ		 												1
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UNBUNDLED NETWORK ELEMENTS - Kentucky	- Kentucky												Att	Attachment: 2		Exhibit: B
CATEGORY RATE EL	RATE ELEMENTS	Έ	Zone	Sa	nsoc			RATES (\$)	· · .		Svc Order Submitted Elec	Svc Order 1 Submitted	Incremental I Charge - Manual Svc Order va. Electronic-	Incremental Charge - Manual Svc Order vs.	Incremental Charge - Manual Svc Order va. Electronic-	Incremental Charge - Manual Svc Order vs. Electronic-
	•	8			1_						per LSR	_	14	Add'l	Disc 1st	Disc Add'
					•	. Kec	Nonrecurring		Nonrecurring	Disconnect	SOMEC	SOMAN	OSS RATES (\$) SOMAN SOMAN	ATES (\$) SOMAN	SOMAN	SOMAN
			H					11								
Sub Loop Feeder - DS3 - Per M Sub Loop Feeder - DS3 - Ferdit	- DS3 - Per Mile Per Month - DS3 - Facility Termination Per Month	╈			1L6SL 1ISBE1	15.38 346 30	3 386 M	407 14	160 BR	04 TD		7 86				
Sub Loop Feeder - STS-1 - Pe	or Mile Per Month	+	<u>19</u>		11581	15.38	20000		8.81			8				
Sub Loop Feeder - STS-1 - Facility Termination Per Month	clity Termination Per Month		19	UDLSX	USBF7	372.80	3,386.00	407.14	160.86	91.19		7.86				
Sub Loop Feeder - OC-3 - Per	Mile Per Month		9		11551	11.67						Ţ		-		
Sub Loop reeder - UC-3 - rack	HIY LETIMINALON PTORECHON PER		g		USBF5	58.27										
Sub Loop Feeder - OC-3 - Facility Termination Per Month	itty Termination Per Month		9		USBF2	564.68	3,306.00	407.14	160.86	91.19		7.86				
Sub Loop Feeder - OC-12 - Fac	Sub Loop Feeder - OC-12 - Fer mile Fer monut Sub Loop Feeder - OC-12 - Facility Termination Protection Per					BC 1										
Month Sub Low Faadar - OC-12 - Fao	dity Temination Per Month	T	312		USBF0	008.30	3 386 00	407 14		01 10		2 <u>0</u> 0				
Sub Loop Feeder - OC 48 - Per	Sub Loop Feeder - OC-14 - Ferming Venimination Ferminiation Sub Loop Feeder - OC-48 - Per Mile Per Month		39	UDL48	11551	47.11	M-1000-10		00.00	Al'IA		80.				
Sub Loop Feeder - OC-48 - Fac Menth	clitty Termination Protection Per		Ğ		USBF9	330.39				·.						
Sub Loop Feeder - OC-48 - Fac	clity Termination Per Month		S	UDL48	USBF4	1,533.00	3,571.00	407.14	160.86	91.19		7.86				
Sub Loop Feeder - OC-12 Interface On OC-48	face On OC-48		3		USBF8	372.76	788.37	407.14	160.86	91.19		7.86				
UNBUNDLED LOOP CONCENTRATION	- Svetem A (TRO08)	+	E		LICTRA	67.864	160 24	350 34				7 00				
Unbundled Loop Concentration - System B (TR008)	- System B (TR008)		nrc		UCTBB	51.60	149.72	149.72				2.88				
Unbundled Loop Concentration - System A (TR303)	1 - System A (TR303)		3		UCT3A	460.27	359.34	359.34				7.86				
Unbundled Loop Concentration - System B (TR303)	1 - System B (TR303)				UCT38	86.95	149.72	149.72	20			7.86				
Unbundled Loop Concentration	1 - ISDN Loop Interface (Brite		<u> </u>				-	222	-	3.5		8.		Ī		
Card)	-+	+	Ng		ULCC1	7.78	16.59	16.50	8.42	8.37		7.86				
Card)			UDC		urccu	7.78	16.59	16.50	8.42	8.37	:	7,86	•			
Unbundied Loop Concentration2 Wire Voice-Loop Start or Ground Start Loop Interface (POTS Card)	12 Wire Voice-Loop Start or OTS Card)		UEA	A	UI CC2	1 85	18.59	18.50	C 7 8	8 17		4 C				
Unbundled Loop Concentration	Unbundled Loop Concentration - 2 Wire Voice - Reverse Battery				-					1010		8				
Loop untenade (SPU IS Card) [Unbuilded I non Concentration - 4 Wire Voice Loop Interface	- 4 Wire Voice Loop Interface		5	•		8.1	16.59	16.50	8.42	8.37		2.88				•
(Specials Card)		-	UEA		ULCCA	6.90	18.59	16.50	8.42	8.37		7.86				
Unbundled Loop Concentration - TEST CircCUIT Card	1 - TEST CIRCUIT Card		3		ICTTC	33.74	16.59	16.50	8.42	8.37		7.86				
Interface			g		ULCC7	10.23	16.59	16.50	8.42	8.37		7.86	•	•		
Unbundled Loop Concentration - Digital 56 Kbps Data Loop Interface	1 - Digital 56 Kbps Data Loop		<u>a</u>		ULCCS	10.23	16.59	18.50	A 42	8 27		94				
Unbundled Loop Concentration - Digital 64 Kbps Data Loop Interface	1 - Digital 64 Kbps Data Loop		9			10.33	18.50	18.5		0.01		80 - F				
							00.01	8	74-10	10.0		8				
UNE OTHER, PROVISIONING ONLY - NO RAT		╎		_												
UNTW Carcult Id Establishment,	Provisioning Only - No Rate	╀╴	5	UENTW	UENCE			-								
Unbundled Contract Name, Pro	ovisioning Only - No Rate		Ш	D, C	UNECN								1	ľ		
UNE OTHER, PROVISIONING ONLY - NO RATE	re Visionina Ontv - na rate	╎		Z		- 20										
Unbundled Sub-Loop Feeder-2	Wire Cross Box Jumper - no	+	5	5	DIRECO	3	00.0	Ť	Ţ							
rate			Ш	UEA,UDN,UCL,UDC	USBFQ	0.00	0:00									
Unbundled Sub-Loop Feeder-4 Wire Cross Box Jumper - no rate	i Wire Cross Box Jumper - no		<u> </u>	A USLUCE UDL	USBFR	000	WU								r	
Unbundled DS1 Loop - Superframe Format Option - no rate	rame Format Option - no rate		S	USL	CCOSF	0.0	0.0									
Unbundled US1 Loop - Expand no rate	lea Superirame Format opuon -		N		COEF	0.0	0.0									
HIGH CAPACITY UNBUNDLED LOCAL LOOP			╟┼													
NOIE: 4 month minimum billing per	00	1	-													
											•					

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(INRUNDI F	LINBUNDI ED NETWORK ELEMENTS - Kantuckv													•		
											-			Allachment: 2		Exhibit: 8
CATEGORY	RATE ELEMENTS	-	Zone	Sa	nsoc			RATES (\$)							Incremental Charge - Manual Svc Order va.	Incremental Charge - Manual Svc Order vs.
		E				· -					Elec Per LSR	Manually El	Electronic-	Electronic- Add'l	Electronic- Disc 1st	Electronic- Disc Add'
	-	•		·	· · ·	Rec	Nonrecurring	auring	Nonrecurrin	Nonrecurring Disconnect	SAME?	NAMOS	OSS RATES (\$)	ATES (\$)		
	High Capacity Unbundled Local Loco - DS3 - Per Mile per month		nE3		ILSND	9.25		Innu			_	<u>-</u> [SOMAN	SOMAN	SOMAN	SOMAN
	High Capadity Unbundled Local Local - DS3 - Facility Termination per month		UE3		UE3PX	308.31	551.38	336.06	173.00	120.42		7 86				
	High Capacity Unbundled Local Loop - STS-1 - Per Mile per month		ndrsx		1L5ND	9.25						201	<u>.</u>			
			NDLSX		UDLS1	320.51	551.38	338.08	173.00	120.42		285	-			
LOOP MAKE-U																
	spare facility queried (Manual).		M		UMKLW		23.40	23.40							4	
	Loop manaup - requesting what researce unit per spare tacality queried (Manual).	·	MMN		UMKLP		24.85	24.85								
	Loop Makeup-With or Without Reservation, per working or spare facility queried (Mechanized)		NIMK		PSUMAK		0.67	0.67								
HIGH FREQUE	ENCY SPECTRUM TERS.CENTRAL DEFICE RASED															
1	Line Sharing Splitter, per System 96 Line Capacity		OLS	Ī	ADA	196.83	379.05	0.00	358.55			7 08				
	Line Sharing Splitter, per System 24 Line Capacity	ŀ	ULS		ULSDB	49.71	379.05	0.00	358.55			7.86				
	Line Snamg Splitter, Per System, 6 Line Capacity Line Sharing-DLEC Owned Splitter in CO-CFA activaton-	+	nrs	-	ULSD8	16.94	377.71	800	367.29	000		7.86				
	deactivation (per LSOD)		ULS		ULSDG		173.62		100.40			-17. BB				
	END USER UNDERNING-CENTRAL OFFICE BASED-HIGH FREQUENCY SPECTRUM AKA LINE SH Line Sharing - per Line Activation (BST Owned Splitter) ULS	SPECT	IN AKA LI	ARING	ULSDC	0.61	37.16	21.28	20.17	000		00 1				
	Line Sharing - per Subsequent Activity per Line Rearrangement(BST Owned Solititer)				- -		8					3				
	Line Sharing - per Subsequent Activity per Line	1					32.80	16.43				7.86				
	Line Sharing - per Line Activation (DLEC owned Splitter)	-	SUU SUU		ULSCS	0.81	32.90	16.43	20.00			7.86				
UNBUNDLED	TRANSPORT				~~~~~	0.0	***./*	16.91	20.67	12.74		7.86				$\left \right $
INTER	OFFICE CHANNEL - DEDICATED TRANSPORT - VOICE GRADE															
	Per Mile per month		XVT1U		1L5XX	0.01										
	Interorince Channel - Dedicated Transport- 2- Wire Voice Grade - Facility Termination per month		VITV		U1TV2	29.11	47.34	31 78	т.	0 76						
	Interoffice Channel - Dedicated Transpor t- 2-Wire Voice Grade Rev Bat Per Mile per month		XVT1U		11.6XX	60						8				
	Interoffice Channel - Dedicated Transport- 2. Wire VG Rev Bat. Facility Termination per month		XVTIU		UTE?	20 11	12.27	å 5								Ì
	Interoffice Channel - Dedicated Transport - 4-Wire Voice Grade - Per Mile per month		XVTIU		150	004	t . F	31.10	177	8./5		7.86				
	Interoffice Channel - Dedicated Transport - 4- Wire Voice Grade - Facility Termination per month	F	NTH!													
	Interoffice Channel - Dedicated Transport - 56 kbps - per mile	T			5	88.02	47.34	31.78	777	8.75		7.86				
	Intervition Channel - Dedicated Transport - 56 kbps - Facility	1			ILEXX	0.0115						+	-			
	Interoffice Channel - Dedicated Transport - 64 kbps - ber mile	╎	ATTO X		U1TD5	20.97	47.35	31.78	22.77	8.75		7.86				
	per month Intervities Chennel - Dadirated Transcet 24 these Earlith		UTDX		1L5XX	0.0115										
	Termination per month		UITDX		U1TD6	20.97	47.35	31.78	77.02	8 75		8				
INTER	OFFICE CHANNEL - DEDICATED TRANSPORT - DS1 Internifices Channel - Dedicated Channel - DS1 - Dedicated Channel - Dedicated Channel - DS1									0/10		8.				
	months of the second distance - of - r of mind points		UTTU		1L5XX	0.23										
	Interorace Channer - Uedicated Tranport - US1 - Facility Termination per month		- 10 - 10		191154	2										
INTER	INTEROFFICE CHANNEL - DEDICATED TRANSPORT- DS3	╞				5	76.001	98,46	23.09	20.49		7.86				

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IUNBUNDI	UNBUNDLED NETWORK ELEMENTS - Kentucky		-										AH	Attachment: 2		Exhibit: B
CATEGORY	X Rate elements	Inter F	Zone	S	nsoc			RATES (\$)	•••	· ·			1	3.2.0	Incremental Charge - Manual Svc Order vs. Electronic-	
					1	i a	Manada		Manada	Need a	Der Por			Add	Disc 18	UISC AGG
						1	First	Lppy	First Add	Add	SOMEC	SOMAN	SOMAN SOMAN	SOMAN SOMAN	SOMAN	SOMAN
	Interoffice Channel - Dedicated Transport - DS3 - Per Mile per month		5	UTTD3	1L5XX	4.97										
	Interoffice Channel - Dedicated Transport - DS3 - Facility Termination per month		5		UITE3	1.175.15	335.40	219.24	80.57	A7 75		7 86				
INTE	INTEROFFICE CHANNEL - DEDICATED TRANSPORT- 878-1											3	·			
	Interoffice Channel - Dedkcated Transport - STS-1 - Per Mile per month		5	UITSI	11500	4.97	. ·									
	Interoffice Channel - Dedicated Transport - STS-1 - Facility Termination per month		5		IIITES	1 140 61	136 A0	10 010		07.76		8				
LOC.	AL CHANNEL - DEDICATED TRANSPORT		>		2	10.04111	24-755	13.612	10'80	01.10		8				
LON	NOTE: LOCAL CHANNEL DEDICATED TRANSPORT - minimum billing period	period	1 - below	- below DS3=one month, E	DS3 and abov	aboverfour months	10	90.97								
	Local Channel - Dedicated - 2-Wire Voice Grade Rev Bat per		5			10.01	2007/8	40.94	40./9	4.98		7.88			T	
	month				ULDR2	18.57	265.78	46.96	46.79	4.98		7.86				
	Local Channel - Dedicated - 4-Wire Voice Grade per month	ŀ	5=			19.86	266.48	47.65	47.54	5.73		7.86			$\left[\right]$	
	Local Channel - Dedicated - DS1 per month - Zone 2		2 01	01001	ULDF1	43.39	209.60	1/0.01	30.21	21.07		987 7 86				
	Local Channel - Dedicated - DS1 per month - Zone 3				ULDF1	164.50	209.60	176.51	30.21	21.07		7.86				
	Local Channel - Dedicated - DS3 - Per Mile per month Local Channel - Dedicated - DS3 - Facility Termination per		3	01D03	1L5NC	8.74										
	month		3	ULD03	ULDF3	576.05	551.38	338.08	173.00	120.42		7.86				
	Local Channel - Dedicated - STS-1- Per Mile per month		5		1L5NC	8.74										
	month month		п	ULDS1	ULDFS	543.24	561.38	336.08	173.00	120.42		7 86				
MULTIPLEXERS												3				
	Channelization - DS1 to DS0 Channel System OCL-DP COCI (data) - DS1 to DS0 Channel System - ner		ŝ		MQ1	113.33	101.40	71.60	13.79	13.04		7.86				
	month (2.4-64kbs)		n n		10100	1.32	10.07	7.08				7,86				
	2-wre ISDN COCI (BRITE) - DS1 to DS0 Channel System - per month				IC1CA	7 84	40.07	80 1								
	Voice Grade COCI - DS1 to DS0 Channel System - per month		n I		1D1VG	0.6228	10.07	80.7				98./				
	DS3 to DS1 Channel System per month		ŝ	UXTD3	MQ3	158.20	199.23	118.62	50.16	48.59		8.1				
	SIST to UST Channel System per month DS2 Interface Tink (DS1 COCI) (read with Lown per month	T	ŝ		M03	158.20	199.23	118.62	50.16	48.59		7.86				
	DS3 Interface Unit (DS1 COCI) used with Local Channel per	ŀ	5 			8.1	/0.UT	8.			·	7.86				
	month		3	ULDD1	UC1D1	11.80	10.07	7.08				7.86				
			5	U1TD1	UCIDI	11.80	10.07	7.08				7 86				
DARK FIBER												3				
	Dark Froet, Four Froet Suands, Fer Foure Mile of Fraction [Thereof per month - Local Channel		9		ILEDC	47.01										
	NRC Dark Fiber - Local Channel		LOF		UDFC4		732.53	192.67	377.27	241.67		7 86				
	Dark Fiber, Four Fiber Strands, Per Route Mile or Fraction Thereof per month - Interoffice Channel		2			72 UG						3.				
	NRC Dark Fiber - Interoffice Channel		39		UDF14	90.14	732.63	192 67	11 77	741 87		-				
	Dark Fiber, Four Fiber Strands, Per Route Mile or Fraction								1	10/112		8				
	Intered per monun - Local Loop				11501	47.01										
TRANSPORT	TRANSPORT OTHER	Ī	5				732.53	192.67	377.27	241.67		7.86				
BXX ACCES	S TEN DIGIT SCREENING		ŀ					Ť								
	8XX Access Ten Digit Screening, Per Call		HO	ę		0.0006478										,
	oxx Access Ten Ligit Screening, reservation Charge For BXX Number Reserved		GHO		NBR1X		414	07.0								
	8XX Access Ten Digit Screening, Per 8XX No. Established W/O		5					2120				8				
	8XX Access Ten Digit Screening, Per 8XX No. Established With	T	5	2		ŀ	8.78	1.18	7.08	0.86		7.86				
	POTS Translations		OHD		NBFTX		8.78	1.18	7.08	0.86		7 86				
!						•	-			~~~~		1 20.1	-			

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	I INDI EN NETWOOK EI EMENTS - Kantinchu															
												-	×	Attachment: 2		Exhibit: B
			•				1	• .							Incremental Charge -	Incremental Charge -
CATEGORY	RATE ELEMENTS	inter E	Zone	5 838	USOC			RATES (\$)	• .		Svc Order Submitted Elec	Svc Order Submitted Manually	Manual Svc Order vs. Electronic-	Manual Svc Order vs. Electronic-	Manual Svc Order va: Electronic-	Manual Svc Order va. Electronic-
	•				· · ·	1				1 1			Ĩ			Disc Add 1
		_				2	First Ac	Add	First	Add	SOMEC	SOMAN	OSS RATES (\$) SOMAN SOMAN	SOMAN	SOMAN	SOMAN
BXX /	8XX Access Ten Digit Screening, Customized Area of Service Per 8XX Number			đHo	NBFCX		4.14	2.07				8				
BXX / BAUE	8XX Access Ten Digit Screening, Multiple InterLATA CXR Routing Per CXR Requested Per 8XX No.				NREWY			9 C	×			8				
BXX	8XX Access Ten Digit Screening, Change Charge Per Request		Ĭ	- CHO	NBFAX		4.85	0.70				98. / 98. /				
BXX Acce	Access Ten Digit Screening, Call Handling and Destination Ires			GHO								, ,				
BXX/	8XX Access Ten Digit Screening w/ BFL No. Delivery,					0.0006478	t T	*				7.86	-			
LINE INFORMATION	Access I en Digit Screening, W PUIS No. Delivery, DATA BASE ACCESS (LIDB)		Ť	OHD	T	0.0008478										
	Common Transport Per Query	Π	Ĭ	001	\prod	0.000023										
	LIDB Originating Point Code Establishment or Change	Ţ	Ĭ		NRPBX	0.013/322	56.12		67.50	-		7 80				
SIGNALING (CCS7)	/ Simaling Connection: Der 58 Khns Facility											8.				
CCS7	Signaling Termination, Per STP Port				PT8SX	151.39	43.56	43.56	22.45	22.45						
CCSI	CCS7 Signaling Usage, Per TCAP Message			801 801		0.0000656										
	Signating connection, Per link (A link) (also known as D		1		++ddl	20.71	43.56	43.56	22.45	22.45		98.7				
link)					++dd1	20.71	43.56	43.56	22:45	22.45		7.86				-
	CCS/ Signaling Usage, Per ISUP Message CCS7 Signaling Usage Surrogate, ber link per LATA	Ţ			STI IFA	0.0000164										
CCS7	' Signaling Point Code, per Originating Point Code					2								-		
CCS7	CCS7 Signaling Point Code, par Destination Point Code		ĺ		CCM-D		48.02	46.02	56.43	56.43		7.86				
Eat1 SEDVICE	Establishment or Change, Per Stp Affected			800	CCAPD		48.02	46.02	56.43	56.43		7.86				
	Channel - Dedicated - 2-wr Voice Grade		T			18.67	265 78	40.04	01.01	100						
Intero	Interoffice Transport - Dedicated - 2-wr Voice Grade Per Mile	Π				0.0115	8/m	02:04	40.(8	4.98		T	18.94	18.94		
Termir	Interoffice Transport - Dedicated - 2-wr Voice Grade Per Facility Termination			•		2										
Local	Channel - Dedicated - DS1 - Zone 1					40.46	209.60	31.78	22.77	8.75			18.94	18.94		
Local	Channel - Dedicated - DS1 - Zone 2		Ħ			43.39	209.60	178.51	30.21	21.07			18.04	26.02 26.02		
Interof	Local Channel - Leorcated - US1 - Cone 3 Interoffice Transport - Dedicated - DS1 Per Mile					164.50	209.60	176.51	30.21	21.07			18.94	18.91		
Intero	ffice Transport - Dedicated - DS1 Per Facility Termination					1000						-				
CALLING NAME (CN/	ie (CNAM) SERVICE					\$0.98	26.001	88.46	23.09	20.49			18.94	18.94		
CNAM	I For DB Owners - Service Establishment A For Non DB Owners - Service Establishment			NOO			25.34	25.34	23.30	23.30		7.86				
CNAM	A For DB Owners - Service Provisioning With Point Code	Ĺ	1			t	¥.07	25.34	23.30	23.30		7.86				
CNAM	Establishment CNAM For Non DB Owners - Service Provisioning With Point	Ţ		Voo			1,591.54	1,177.08	431.95	317.61	·	7.86				•
Code	Code Establishment		0	jav			546.40	383.74	438.83	317.61		7 86				
CNAM	CIVWM ICT UP OWNERS, FEI QUERY CNAM for Non DB Owners, Per Query			V00		0.0010348							·			
CNAM	CNAM (Non-Databs Owner), NRC, applies when using the		<u> </u>			9	1									
LNP Query Service	Ider Based User Rienace (CHUI)		4	000	CDDCH		595.00	585.00				7.86				
	LNP Charge Per query	∏	╞		Π	0.0006695										
	servos Establishment Manual Savira Printeixving with Point Coda Establishmant		╈				13.82	13.82	12.71	12.71		7,86				
OPERATOR CALL PR							953.27	487.00	431.85	317.61		7.86		ŀ		
	Oper. Call Processing - Oper. Provided, Per Min Using BST LIDB		<u> </u>			5						ľ			•	
Oper	Oper: Call Processing - Oper. Provided, Per Min Using Evolun Link					A7.										
						1.24				-						
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UNBUNDLED NETA	UNBUNDLED NETWORK ELEMENTS - Kentucky															
													¥	Attachment: 2		Exhibit: B
CATEGORY	RATE ELEMENTS	Interl	Zone	BCS	risoc	· · · · · ·		RATES (\$)			Svc Order 3 Submitted 5 Elec	Svc Order N Submitted N Menualty		Incremental Charge - Manual Svc Order ve. Electronic-	Incremental Charge - Manual Svc Order vs. Electronic-	Incremental Charge - Manual Svc Order va. Electronic-
						Rec	Nonrecurring	urring	Nonrecurring	Nonrecurring Disconnect	-	Per Lon	085 R	AUG (\$)	U160 14	Disc Add'
Oper. Ca	Oper. Call Processing - Fully Automated, per Call - Using BST				[İ	First	AddT	First	Lppy	SOMEC	SOMAN	SOMAN SOMAN	SOMAN	SOMAN	SOMAN
LIDB Over Ca	LIDB Oper: Call Processing - Fully Automated: per Call - Heind	Ţ				0.20										
Foreign LIDB						0.20										
	Derator Services - Vertification, Per Calt					6										ľ
	Inward Operator Services - Vertification and Emergency Interrupt					8										
BRANDING - OPERATO	BRANDING - OPERATOR CALL PROCESSING	ſ				1.95	ŀ									
Recordin	ig of Custom Branded OA Announcement	Ц			CBAOS		7,000.00	7,000.00				7.86				
Unbranding via (Unbranding via OLNS for UNEP CLEC	Ţ			CBAOL		500.00	200.00				7.86				
Loading	[Loading of OA per OCN (Regional)	Π					1,200.00	1,200.00				7 86				
DIRECTORY ASSISTAN	ice services Sistance access service	Ţ	╀													
Directory	Otrectory Assistance Access Service Calls, Charge Per Cell	Π				0.275										
DIRECTORY AS	SISTANCE CALL COMPLETION ACCESS SERVICE	(DACC)														
Per Call /	/ Assistance wai comprendi Access Service (UACC), Attempt					ç										
DIRECTORY TRANSPORT	ANSPORT					200										
DIRECTORY ASSISTAN	ICE SERVICES										ľ		T			-
Directory	Assistance Data Base Service (UAUS) Assistance Data Base Service Chame Per Listing	Ţ	+		T											
Directory	Directory Assistance Data Base Service, per month		\parallel		DBSOF	150.00										
BRANDING - DIRECTORY A	RY ASSISTANCE															
Recording	Recording and Provisioning of DA Custom Branded															
Announce	Announcement Looding of Custom Brandod Announcement NDAM		AMT		CBADA		6,000.00	6,000.00								
	or oceaning reaction removing in the proven		MT		CBADC		1 170 00	4 470 00				 .				
UNEP CLEC		Π					M '0.11	M'0/1								
Kecordine Loading o	Recording of UA Custom Branded Announcement Loading of DA Custom Branded Announcement ner DRAM						3,000.00	3,000.00								
Card/Swft	Card/Switch per OCN						1,170.00	1 170 00								T
Unoranding via (olusities for Unley CLEC of DA per OCN (1 OCN per Onder)		+									+				
Loading of Loading of	Loading of DA per Switch per OCN	П					420.00	420.00								
Selective I Selective I	Selective Routing Per Unique Line Class Code Per Request Per		+													ľ
VIRTIAL COLLOCATION					USRCR		83.53	93.53	15.58	15.58		7 8.6				
Virtual Col	Mocation - Application Cost											3				T
Virtual Co	vilocation - Cable Installation Cost, per cable		AMITES		ESPCX		2,419.86	2,419.86	1.01	1.01						T
Virtual Co	Virtual Collocation - Floor Space, per sq. ft.		AM		ESPVX	7.99	11.6211	11.62/1	40.16	45.16						
Virtual Co	oliocation - Power, per breaker amp Viocation - Cable Support Structure ner entrence		AMTFS		ESPAX	8.06										
cable			AMTFS		ESPSX	17.38										
Virtual Co	Niocation - 2-wire Cross Connects (loop)	Д	nea	20	JEAC2	0.0309	24.68	23.68	12.14	10 85	+	90 05				
Virtual Col	Virtual Collocation - 4-Wire Cross Connects (loop) Virtual Collocation - 2-Fiber Cross Connects	Ţ	Uea.	Uea,uhi,uci,udi,AMTF	UEACA	0.0619	24.88	23.82	12.77	11.46		19.99			T	
Mrtual Co	Virtual Collocation - 4-Fiber Cross Connects	Ţ	AMTES		CNC4F	3.80	2.8	30.51	14.76	11.84		$\ $	19.99	19.99	19.99	19.00
	Virtual collocation - DS1 Cross Connects	Π	nsr	C, MITFS	CNC1X	1.48	44.23	31.98	19.41 12.81	16.49			19.99	19.99	19.99	19.99
Virtual Col	Virtual conocation - US3 Uross Connects Virtual Collocation - Co-Carrier Cross Connects - Fiber Cable	Ţ		ŝ	CND3X	18.89	41.83	30.51	14.75	11.83		╉	+			
Support S	Support Structure, per linear foot		AMTFS		VE1CB	0.003									T	Ī
Cable Sup	virual Collocation - Co-Carrier Cross Connects - Copper/Coax Cable Support Structure, per linear ft		ANTEO													
						0.0045							 -			

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UNBUNDLI	UNBUNDLED NETWORK ELEMENTS - Kontucky												¥	Attachment: 2		Exhibit: B
			-										Incremental	Incremental	Incremental	Incremental
				•	·			DATES (C)	• .	•	Svc Order	Svc Order		Charge - Manual Svc	Charge - Manual Svo	Charge - Manual Svc
CATEGORY	RATE ELEMENTS	Interi Z	Zone	BCS	usoc									Order vs. Electronic-	Order vs. Electronic-	Order vs. Electronic-
											per LSR	per LSR	ţ,	Add'I	Disc 1st	Disc Add'
				•		9 2	Nonrecurring	urring	Nonrecurrin	Nonrecurring Disconnect		1 11 11 1	055 R	OSS RATES (\$)		
	Vrhual Collocation - Co-Carrier Cruss Connects - Fiber Cable		╀				First	LDDV	First	LDPV	SOMEC	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN
	Support Structure, per cable		<u> </u>	ANTES	VE1CC		535.55				-					
	Virtual Collocation - Co-Carrier Cross Connects - Copper/Coax Carla Summer Structure ner cable		4	AMTES	VETCE	•	R35 65									
	Unit all collocation - Security Facent - Reals ner half hour			VITES	SPTRY	t	30.55	21 63			Ī			•	1.	
	Virtual collocation - Security Escort - Overtime, per half hour		<u> </u>	AMIFS	SPTOX		44.28	27.81				T				
	Virtual collocation - Security Escort - Premium, per half hour		2	MTFS	SPTPX		25.25	34.09		•						
	Virtual collocation - Maintenance In CO - Basic, per half hour		₹	MTFS	CTRX		56.07	21.53								
	Virtual collocation - Maintenance in CO - Overtime, per half hour		2	AMTFS	SPTOM		73.23	27.81						•		
	Virtual collocation - Maintenance in CO - Premium per half hour		2	ANTES	SPTPM		90.39	34.09								
VIRTUAL CO			+													
	Virtual Collocation - 2-wre Cross Connect, Exchange Port 2- Wire Analog - Res		5	UEPSR	VE1R2	0.0309	24.68	23.68	12.14	10.95		7.86				
	Virtual Collocation 2-Wire Cross Connect, Exchange Port 2- Wire Line Side PBX Trunk - Bus		5	UEPSP	VE1R2	0.0309	24.68	23.68	12.14	10.95		7.86				
	Virtual Collocation 2-Wire Cross Connect, Exchange Port 2-Wire Voice Grade PBX Trunk - Res		5	UEPSE	VE1R2	0.0309	24.68	23.68	12.14	10.95		7 86				
	Virtual Collocation 2-Wire Cross Connect, Exchange Port 2-Wire Analog Bus		5	UEPSB	VE1R2	0000	24.68	23.68	12.14	10.05		98 /				
	Virtual Collocation 2-Wire Cross Connect, Exchinage Port 2-Wire ISDN			UÉPSX	VE1R2	00300	24.68	88 50	11 61	an ch						
	Virtual Collocation 2-Wire Cross Connect, Exchange Port 2-Wire Isona		1	LIEPTX	VE182		80 70	00 50	11-21			8				
	Virtual Collocation 4-Wire Cross Connect, Exchange Port 4-Wire		<u>}</u>			anon n		20.02		8		8				
VIRTUAL COLLOCATION			╀	UELEA		1.40	44.22	84.15	12.81	11.57		7.86				·
	Virtual Collocation-2 Wire Cross Connects (Loop) for Line Solitting			uepsr. Liepsr	VE11S	0000	24 68	8	10 11	5		,				
AIN SELECTI	AIN SELECTIVE CARRIER ROUTING		╢	i b f		2000		80.07	1.7			8.				
	Regional Service Establishment			RC	SRCEC		193,401.00	193,401.00	9,483.34	9,46		7.86				
	Line/Port NRC, per end user		00	SRC	SRCLP		2.06	194.09	0.85	0.85		7.86				
	ANN PELL COURT AND SAFE SERVICE		10 I	RC		0.0037502						3				
VIN - DELLA	AIN SMS Access Service - Service Establishment, Per State,	$\left \right $	╀╴													
	Initial Setup		<u>×</u>	AIN	CAMSE		43.55	43.55	44.93	44.83		7.86				
	AIN SMS Access Service - Port Connection - Dist/Shared Access		×	AIN	CAMDP		8.64	8.64	10.03	10.03		7.86				
	All SMS Access Service - Port Connection - ISDN Access All EUS Access Service - Hear Manification Codes - Bar Hear	╈	<	N	CAMIP		8.64	8.64	10.03	10.03		7.86				
	ID Code	-	¥.	AIN	CAMAU	•	38.65	38.65	29.88	29.88		7.86	•			
	AiN SMS Access Service - Security Card, Per User ID Code, Initial or Regiatement			AIN	CAMPC		75.00	- 92 - 74								
	AIN SMS Access Service - Storage, Per Unit (100 Kilobytes)					0.0025	80.01	8.0	12.30	68-71		8	T			
	AIN SMS Access Service - Session, Per Minute					0.666										
	Aun SMS Access Service - Company renormed Session, rer Minute					0.4608										
AIN - BELLS	AIN - BELLSOUTH AIN TOOLKIT SERVICE		╞┼									T				
	AIN Toolktt Service - Service Establishment Charge, Per State, initial Setup		_0	CAM	BAPSC		43.65	43.55	14 02	11 60		,				
-	AIN Toolkit Service - Training Session, Per Customer		╞┼		BAPVX		8,436.93	8,436.93	20124	8		8, 8				
	AiN Toolkit Service - Ingger Access Charge, Per Trigger, Per DN, Term. Attempt	. <u> </u>			BAPTT		8.64	A RA	ţ	100						
	AIN Toolkit Service - Trigger Access Charge, Per Trigger, Per		-					5	3.2	37-2		8				
	IDN, Off-Hook Delay		-		BAPTD		8.64	8.64	10.03	10.03		7.86				
									•				•			1

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UNBUNDLI	UNBUNDLED NETWORK ELEMENTS - Kentucky												Ath	Attachment: 2		Exhibit: B
					·		2	RATES (S)			Svc Order Sv	Svc Order M.	incremental li Charge - Manual Svc N	Incremental Charge - Manual Svc	Incremental Charge - Manual Svc	Incremental Charge - Manual Svc
CATEGORY	RATE ELEMENTS	m Z	Zone BCS	naoc	8				۰.					Order vs. Electronic- Add'i	Order vs. Electronic- Disc 1st	Order vs. Electronic- Disc Add'I
					Rec		Nonrecurring	+	Nonrecurring Disconnect	Disconnect			OSS RATES (\$)	ATES (\$)		
	AllN Toolkti Service - Trigger Access Charge, Per Trigger, Per DM OF Lock termolina	-					100	1		1000			NYMOS	NAMOG	NAMUS	SOMAN
	Dry, Oir-Took Intremented AM Tooliki Service - Trigger Access Charge, Per Trigger, Per DN Housent PODP							5- 10 F2	9.)) 9. 92	970 970		8, 8				
	AN Toolki Service - Trigger Access Charge, Per Trigger, Per Inn Charge.		 	RAPTC			51.01	5101	2 2	18 50		207. J				
	AIN Tookit Service - Trigger Access Charge, Per Trigger, Per DN Fashire Code			BAPTF		-	51.01	51.01	18 50	18 50						
	AIN Toolkit Service - Query Charge, Per Query				H	0.0549207			3.2	200						
	AIN Tookit Servics - Type 1 Node Charge, Per AIN Tookit Subscription, Per Node, Per Query			-	0.0	0.0066482										
	AIN Toolkt Service - SCP Storage Charge, Per SMS Access Account, Per 100 Kildoytes				•	0.07			·.							
	AN Toolkt Service - Wonthly report - Per AIN Toolkt Service Subscription		CAM	BAPMS	5	7.87	8.64	8.64	6.08	6.08		7.86				
	AIN Toolkit Service - Special Study - Per AIN Toolkit Service Subscription		CAM	BAPLS		3.26	9.56	9.56				7.86				
	AIN Toolkit Service - Call Event Report - Per AIN Toolkit Service Subscription		CAM	BAPDS		4.72	8.64	8.64	6.08	6.08		7.86				
	AN Toolitit Service - Cell Event Special Study - Per AIN Toolitit Service Subscription		CAM	BAPES		0.11	9.56	9.56				7.86				
ENHANCED E	ENHANCED EXTENDED LINK (EELs) WOTE: WAY EEL - WAILANTE IN GA TH KY I A MS & SC and density	vone 1 of	following MSAs-	Driando Fi - I	Miami El · Et	i suderrieda F										
NOTE	:: Charlotte-Gastonia-Rockhill, NC; Greensboro-Winston Salem	High Poln	it, NC. Use all rate	t below excer	of Switch As I	is Charge.										
NOTE	NOTE: In all states, EEL network elements shown below also apply to currently combined facilities which are converted to UNE rates. A Switch As la Charge applies to currently combined facilities converted to UNEs (Non-recurring rates) As Is Charge applies to currently combined facilities converted to UNEs (Non-recurring rates) As Is Charge applies to currently combined facilities converted to UNEs (Non-recurring rates) As Is Charge applies to currently combined facilities converted to UNEs (Non-recurring rates) As Is Charge applies to currently combined facilities converted to UNEs (Non-recurring rates) As Is Charge applies to currently combined facilities converted to UNEs (No Switch As Is Charge applies to currently combined facilities converted to UNEs (No Switch As Is Charge applies to currently combined facilities converted to UNEs (No Switch As Is Charge) As Is Charge applies to currently combined facilities converted to UNEs (No Switch As Is Charge) As Is Charge applies to currently combined facilities converted to UNEs (No Switch As Is Charge) As Is Charge applies to currently combined facilities (No Switch As Is Charge) As Is Charge applies to currently combined facilities converted for the test of	o currenti to ordinar	y combined facility Ily combined netw	es which are ork elements	converted to .(No Switch A	UNE rates. A 1 is is Charge.)	Bwitch As I	s Charge app	lies to curren	tly combined	facilities conv	erted to UN	Es.(Non-reci	urring rates (do not apply.	
2-WIR	RE VOICE GRADE EXTENDED LOOP WITH DEDICATED DS1 INT	EROFFIC	E TRANSPORT (EL			_	. 									
	Frat 2-wre vio upopiouz) in a UST interditional italispon. Combination - Zone 1		1 UNCVX	UEAL2		12.67	125.22	60.48	59.69	7.84		7.86				
	First 2-Wire VG Grade Loop(SL2) in a DS1 Interofficed Transport Combination - Zone 2		2 UNCVX	UEAL2		17.45	125.22	60.48	59.69	7.84		7.86				
	First 2-Wire VG Grade Loop(SL2) In a DS1 Interofficed Transport Combination - Zone 3		3 UNCVX	UEA 2		33.22	125.22	60.48	59.69	7.84		7.86				
	Interoffice Transport - Dedicated - DS1 combination - Per Mile per month		UNCIX	11500					• .							
	Interoffice Transport - Dedicated - DS1 combination - Facility Termination per month		UNCIX	USTF1			181.24	123.53	56.72	05.00		7 86				
	DS1 Channelization System Per Month Widen Center Child - DS1 To Den Interface - Der Menth		UNCIX	MQ1		113.33	57.26 8 74	14.74	1.86	1.67		98.7				
	Each Additional 2-Wire VG Loop(SL 2) in the same DS1 Intercefts Transcort Combination - Zone 1		1 UNCVX	LIEA 2			125.22	80.48	89 89	7 84		80.7 88.7				
	Each Additional 2-Wire VG Loop(SL2) in the same DS1 Interoffice Transport Combination - Zona 2		2 LINCXX	LIFAL 2			125.22	80.48	99	10 1		8				
	Each Additional 2-Wire VG Loop(SL2) in the same DS1 Interview Transcort Combination - Zone 3		<u> </u>	LIEA 2			125.22	80.48	9	7 84		8 g				
	Voice Grade COCI - DS1 to DS0 Channel System combination - Der morth		1	101/0		Ŀ	8.71	184								
	Nonrecurring Currently Combined Network Elements Switch -As- Is Charge		UNCIX		0		8.98	8.8	11.17	11.17		7.86				
4-WIR	4-WIRE VOICE GRADE EXTENDED LOOP WITH DEDICATED DS1 INTEROFFICE TRANSPORT (EE Teret 4-Wire Analon Voice Grade Loon in a DS1 interoffice	EROFFIC	E TRANSPORT (EI	_ _												
	Transport Combination - Zone 1		1 UNCVX	UEALA		29.26	125.22	60.48	59.69	7.84		7.86	•			
	First 4-Wire Anelog Volce Grade Loop in a DS1 interoffice Transport Combination - Zone 2		2 UNCVX	UEALA		34.25	125.22	60.48	58.69	7.84		7.86				
	First 4-Wire Analog Voice Grade Loop in a DS1 Interoffice Transport Combination - Zone 3		3 UNCVX	UEALA		85.06	125.22	60.48	59.69	7.84		7.86				
	Interoffice Transport - Dedicated - DS1 combination - Per Mile Per Month		UNCIX	11.500		0.19										

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	LINBLINDI ED NETWORK ELEMENTS - Kentuckv			-									P	Attachment: 2		Exhibit: B
		ŀ				 .								17		
							. •,		•		Sve Order	Bue Order	Charge - Charge - Manual Svc	Charge - Manual Bvc	Incremental Charge - Manual Svo	Charge - Manual Sur
CATEGORY	RATE ELEMENTS	E E	Zone	BCS	nsoc			KAIE8 (1)						Order vs. Electronic- Add'I		Order vs. Electronic-
					<u>۰., ۴</u>	Rec.	Nonrect	wring	Nonrecurring	Disconnect			OSS R	(\$) (\$)		
							First	LbbA	First Add'	Lppy	SOMEC	SOMAN	SOMAN SOMAN	SOMAN	SOMAN	SOMAN
	Interoffice Transport - Dedicated - DS1 - Facility Termination Per Month		UNC1X		UITF1	79.02	181.24	123.53	56.72	22.32		7.86				
	Channelization - Channel System DS1 to DS0 combination Per Month		UNCIX	•	MQ1	113.33	57.26	14.74	1.86	1.67		98.7				
	Volce Grade COCI - DS1 to DS0 Channel System combination -		UNCVX		1D1VG -	0.62	6.71	4.84	-			7.86				
	Additional 4-Wire Analog Voice Grade Loop in same DS1 Interdition Transnort Combination - Zone 1				UEAL4	29.26	125.22	60.48	59.6 9	7.84	:	2.86		-		
	Additional 4-Wre Analog Voice Grade Loop in same DS1 Internition Transnort Combination - Zone 2		2 UNCVX		UEAL4	34.25	125.22	60.48	59.6 9	7.84		7.86				
	Additional 4-Wire Anslog Voice Grade Loop in seme DS1 Interoffice Transport Combination - Zone 3				UEALA	85.06	125.22	60.48	59.69	7.84		7.86				
	Voice Grade COCI - DS1 to DS0 Channel System combination - ber month		UNCVX	×	101/16	0.62	6.71	4.84				7.86			-	
	Nonrecurring Currently Combined Network Elements Switch -As- Is Charge		UNC		UNCCC		8.98	8.96	11.17	11.17		7.86				
4-WIR	4-WIRE 56 KBPS EXTENDED DIGITAL LOOP WITH DEDICATED DS1 INTEROFFICE TRANSPORT	NTEROF	FICE TRAN	ISPORT (EEL)												
	First 4-Wire Softops Unglial Grade Loop in a US1 Interonice Transport Combination - Zone 1		1 UNCDX		UDL56	27.59	125.22	60.48	59.69	7.84		7.86				
	First 4-wire 56kbps Digital Grade Loop in a DS1 Interoffice Transport Combination - Zone 2		2 UNCDX		UDL56	32.48	125.22	60.48	59 .69	7.84		7.86				
:	First 4-Wire 56Kbps Digkal Grade Loop in a DS1 interoffice Transport Combination - Zone 3		3 UNCDX		nDL56	36.37	125.22	60.48	69 ⁻ 69	7.84		7.86				
	Interoffice Transport - Dedicated - DS1 combination - Per Mile				11 5XX	0.19										
	Interoffice Transport - Dedicated - DS1 - combination Facility Taminiton Per Month				UITE1	79.02	181.24	123.63	56.72	2.2		7 86				
	Channelization - Chennel System DS1 to DS0 combination Per Month			×	10W	113.33	57.28	14.74	1.86	1.67		7 86				
	OCU-DP COCI (data) - DS1 to DS0 Channel System - per month /2 4-54kbs)	†	UNCDX		10100	8	6.71	4 84				8. r	-		,	
	Additional 4-Wire 56Kbps Digital Grade Loopin same DS1 Interofice Transport Combination - Zone 1				UDL56	27.59	125.22	80.48	69 69 59 69	7 84		2.4				
	Additional 4-Wire 56Kbps Digital Grade Loopin same DS1 Interoffice Transport Combination - Zone 2		2 UNCDX	×	UDL56	32.48	125.22	60.48	69.69 59.69	7.84		7 86				
	Additional 4-Wire 56Kbps Digital Grade Loopin same DS1 Interoffice Transport Combination - Zone 3		3 UNCDX	×	UDL56	36.37	125.22	60.48	59.69	7.84		7.86				
	OCU-DP COCI (data) - DS1 to DS0 Channel System - combination per month (2.4-64kbs)			×	1D10D	1.32	6.71	4 84				7 26				
	Nonrecurring Currently Combined Network Elements Switch -As- Is Charge				UNCCC		8.96	8.98	11.17	11.17		7.86				
4-WIF	4-WIRE 64 KBPS EXTENDED DIGITAL LOOP WITH DEDICATED DS1 INTEROFFICE TRANSPORT	NTEROF	FICE TRAN	VSPORT (EEL)												
	Frist Arwing orkups Lightal Grade Loop in a US I intercence Transport Combination - Zone 1		1 UNCDX	X	UDL64	27.59	125.22	60.48	59.69	7.84		7.86				
	First 4-Wire 64Kbps Digital Grade Loop in a DS1 Interoffice Transport Combination - Zone 2		2 UNCDX	XC	UDL64	32.48	125.22	60.48	59.69	7.84		7,86				
	First 4-Wire 64Kbps Digital Grade Loop in a DS1 Interoffice Transport Combination - Zone 3		3 UNCDX	×	nDL64	36.37	125.22	60.48	59.69	7.84		7 86				
	Interoffice Transport - Dedicated - DS1 combination - Per Mile Per Month		UNCIX	XI	1L5XX	0.19										
	Interoffice Transport - Dedicated - DS1 combination - Facility Termination Per Month		UNCIX	X	U1TF1	79.02	181.24	123.53	56.72	2.32		7.86				
	Channelization - Channel System DS1 to DS0 combination Per Month		UNC1X	XI	MQ1	113.33	57.26	14.74	1.86	1.67		7 86				
-	OCU-DP COCf (data) - DS1 to DS0 Channel System combination - per month (2.4-64kbs)		UNCD	X	10100	. 1.32	6.71	4.84		,		7.86				
	Additional 4-Wire 64kbps Digital Grade Loopin same DS1 Interoffice Transport Combination - Zone 1			X	UDL64	27.59	125.22	80.48	20.60	7 84		4 00				
			1							121		100.1				

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Image: constraint of	linbiindi ed network el ements - Kentuckv												At	Attachmant: 2		Evhihit. B
And the late of the		╞	╞													
			·					DATEC (E)		· · · -	_	Bvc Order		Incremental Charge - Manual Svo		Incremental Charge - Manual Svo
No. Non-methy and transmission Non-methy and transmi	CATEGORY RATE ELEMENTS		pue	BCS	nsoc			KAIES (a)			Submitted Elec per LSR	Submitted Manually per LSR	Order va. Electronic- 1at	Order vs. Electronic- Add'i		Order vs. Electronic- Disc Add'l
						Rec	Nonmet	irrina	Nonreumine	a Disconnect			OSSR	ATER (\$)		
UD64 22.4 135.2 60.46 56.66 7.84 7.84 UD04 36.37 135.22 60.46 56.66 7.84 7.84 UD05 1.32 6.11 7.84 7.84 7.84 UD05 1.32 6.17 7.84 7.84 7.84 UNCCC 6.847 210.70 114.60 68.86 17.37 7.94 UUSUX 271.14 210.70 114.60 68.86 17.37 7.94 UUSUX 271.16 210.70 114.60 68.86 17.97 7.94 UUSUX 0.19 210.70 114.60 68.86 17.97 7.94 UNCC 0.18 210.70 114.60 68.86 17.97 7.94 UNCC 0.91 210.70 114.60 68.96 17.97 7.94 UNCC 0.91 114.60 68.96 17.97 7.94 7.94 UNCC 0.91 114.60 68.96 17.97		-					First	1.ppv	First	LbbA	SOMEC	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN
UD064 36.1 135.2 60.46 56.06 7.04 7.04 10100 1.22 6.11 4.81 7.01 11.17 11.17 11.17 1 UNCCC 6.947 210.70 114.60 6.366 17.97 12.97 1 USLXX 86.47 210.70 114.60 65.36 17.97 12.97 1 USLXX 0.16 210.70 114.60 65.36 17.97 12.97 1 ULXXX 0.16 210.70 114.60 65.36 17.97 12.97 1 ULXXX 0.16 210.70 114.60 65.86 17.97 12.97 1 ULXXX $0.14.60$ 65.86 17.97 12.97 12.97 1 ULXXX $0.14.60$ 65.86 17.97 12.97 12.97 1 ULXXX $0.14.60$ 65.86 17.97 12.97 12.97 1	Additional 4-Wire 64Kbps Digital Grade Loopin same DS1 Interoffice Transport Combination - Zone 2				UDL64	32.48	125.22	60.48	59.69	7.84	-	7.86				
10100 1.32 6.71 4.81 11.71 11.17 11.17 1 100CC 8.96 8.96 4.96 11.17 11.17 11.17 1 105LXX 96.47 210.70 114.60 65.36 17.97 1 1 USLXX 217.16 210.70 114.60 65.36 17.97 1 1 USLXX 214.10 210.70 114.60 63.36 17.97 1 1 USLXX 214.10 210.70 114.60 63.36 17.97 1 1 14.50 63.36 11.17 11.17 11.17 1 1 1 UNCCC 9.46 123.53 96.72 22.32 1	Additional 4-Wire 64Kbps Digital Grade Loopin same DS1 Interoffice Transport Combination - Zone 3				UDL64	36.37	125.22	60.48	59.69	7.84		7.86				
UNCCC 6.96 6.96 11.17 11.17 11.17 USLXX 96.47 210.70 114.60 63.96 17.97 1 USLXX 96.47 210.70 114.60 63.96 17.97 1 USLXX 0.19 210.70 114.60 63.96 17.97 1 USLXX 0.19 210.70 114.60 63.96 17.97 1 USLXX 0.19 210.70 114.60 63.96 17.97 1 UNCC 8.94 210.70 114.60 63.96 17.97 1 UNCC 96.47 210.70 114.60 63.9	OCU-DP COCI (data) - DS1 to DS0 Channel System combination - per month (2.4-64tbs)				00101	1.32	6.71	4.84				7.86				
1	Nonrecurring Currently Combined Network Elements Switch -As-				UNCCC.		80 B	80.8	11 17	11 17		88.7				
USLXX 86.47 210.70 114.60 63.96 17.97 1 USLXX 114.10 200.70 114.60 63.96 17.97 1 USLXX 0.19 210.70 114.60 63.96 17.97 1 USLXX 0.19 210.70 114.60 63.96 17.97 1 UNEXX 0.19 181.24 123.53 96.72 2232 1 1 UNEXX 86.47 210.70 114.60 65.96 17.97 1 1 UNEXX 86.47 210.70 114.60 65.96 17.97 1 1 USLXX 86.47 210.70 114.60 65.96 17.97 1	4 WIRE DS1 DIGITAL EXTENDED LOOP WITH DEDICATED DS1 INTE	ROFFICE	TRANS	4	200		8	8				8				
ISLXX 114.10 20.70 114.60 65.36 17.97 1 USLXX 297.76 210.70 114.60 65.36 17.97 1 USLXX 0.19 70.70 114.60 65.36 17.97 1 ULLXX 0.19 70.20 114.60 65.36 17.97 1 ULLXX 86.47 210.70 114.60 65.36 17.97 1 1 UNCCC 86.47 210.70 114.60 65.36 17.97 1 1 USUX 86.47 210.70 114.60 65.36 17.97 1 1 USUX 86.47 210.70 114.60 65.36 17.97 1 1 1 USUX 96.68 350.56 141.66 65.36 17.97 1	4-Wire DS1 Digital Loop in Combination with DS1 Interoffice Transport - Zone 1		1		NSLXX	86.47	210.70	114.60	63.96	17.97	:	7.86				
USLXX 287.76 210.70 114.60 66.96 17.97 7 UUTF1 78.02 181.24 123.53 96.72 22.32 11.17 UNCCC 8.48 8.47 210.70 114.60 65.96 17.97 UNCCC 8.48 8.38 11.17 11.17 11.17 UNCCC 8.48 8.36 11.460 65.96 17.97 UNCCC 8.48 8.38 11.160 11.460 65.96 17.97 UNTT3 968.89 210.70 114.60 65.96 17.97 11.97 USLXX 287.76 210.70 114.60 65.96 17.97 11.97 UUTT3 968.89 360.56 114.50 65.96 17.97 11.97 UUTT3 968.89 360.56 114.60 65.96 17.97 11.97 UUTT3 968.89 360.56 114.60 65.96 17.97 11.97 UUTT3 968.89 114.60 65.96	4-Wire DS1 Digital Loop in Combination with DS1 Interoffice Transport - Zone 2				NSLXX	114.10	210.70	114.60	63.96	17.97		7.86				
1LEXX 0.10 11.1 70.10 11.1 11.1 11.1 11.1 UNCCC 8.84 181.24 123.53 56.72 22.32 11.1 UNCCC 8.64 210.70 114.60 63.96 17.87 11.1 UNCCC 8.64 210.70 114.60 63.96 17.87 11.6 UNCC 86.47 210.70 114.60 63.96 17.87 11.6 UNLS 287.76 210.70 114.60 63.96 17.87 11.6 UNLS 966.80 360.56 141.60 63.96 17.97 11.6 UNLS 966.80 350.56 141.60 63.96 17.97 11.6 UNLS 966.80 114.60 63.96 17.97 11.6 11.6 UNCC 96.17 14.40 63.96 17.97 11.7 11.7 UNCC 11.80 11.40 63.96 17.97 11.97 11.9 UNCC 11.80 </td <td>4 Wire DS1 Digital Loop in Combination with DS1 Interoffice Transport - Zone 3</td> <td></td> <td></td> <td></td> <td>X</td> <td>297.76</td> <td>210.70</td> <td>114.60</td> <td>63.96</td> <td>17.97</td> <td></td> <td>7.86</td> <td></td> <td></td> <td></td> <td></td>	4 Wire DS1 Digital Loop in Combination with DS1 Interoffice Transport - Zone 3				X	297.76	210.70	114.60	63.96	17.97		7.86				
UITF1 76.02 181.24 123.55 56.72 22.32 23.35 UNCCC 8.84 210.70 114.60 63.96 17.97 11.17 UNCCC 88.47 210.70 114.60 63.96 17.97 11.97 UNLCC 88.47 210.70 114.60 63.96 17.97 11.97 USUX 144.10 210.70 114.60 63.96 17.97 11.97 USUX 44.00 510.70 114.60 63.96 17.97 11.97 ULTS 986.89 350.56 141.56 46.00 23.39 17.97 ULTS 19.80 11.416 63.96 17.97 11.97 11.97 ULTS 19.80 11.416 63.96 17.97 11.97 11.97 ULTS 11.80 11.416 63.96 17.97 11.97 11.97 ULTS 11.80 11.416 63.96 17.97 11.97 11.97 ULTS 11.416 <td>Interoffice Transport - Dedicated - DS1 combination - Per Mile Per Month</td> <td></td> <td>5</td> <td></td> <td>11500</td> <td>0.19</td> <td></td>	Interoffice Transport - Dedicated - DS1 combination - Per Mile Per Month		5		11500	0.19										
UNCCC 8.48 8.16 11.17 11.17 11.17 U USLXX 88.47 210.70 114.60 63.96 17.97 1 USLXX 88.47 210.70 114.60 63.96 17.97 1 USLXX 297.76 210.70 114.60 63.96 17.97 1 USLXX 297.76 210.70 114.60 63.96 17.97 1 USLXX 297.76 210.70 114.60 63.96 17.97 1 UNTF3 966.89 350.56 141.50 63.96 17.97 1 USUX 154.20 115.48 56.53 15.12 5.30 1 USUX 154.60 63.96 17.97 1 1 1 USUX 141.10 210.70 114.60 63.96 17.97 1 USUX 158.71 210.70 114.60 63.96 17.97 1 USUX 114.60 63.96 17.91 <td>Interoffice Transport - Dedicated - DS1 combination - Facility Termination Per Month</td> <td></td> <td><u></u></td> <td></td> <td>UTTE1</td> <td>79.02</td> <td>181.24</td> <td>123.63</td> <td>56.72</td> <td>2.2</td> <td></td> <td>7 86</td> <td></td> <td></td> <td></td> <td></td>	Interoffice Transport - Dedicated - DS1 combination - Facility Termination Per Month		<u></u>		UTTE1	79.02	181.24	123.63	56.72	2.2		7 86				
J USLXX B64.7 210.70 114.60 63.366 17.87 N USLXX 86.47 210.70 114.60 63.366 17.87 N USLXX 287.76 210.70 114.60 63.366 17.87 N USLXX 287.76 210.70 114.60 63.366 17.87 N USLXX 287.76 210.70 114.60 63.366 17.97 N UTF3 966.88 350.56 141.56 63.366 17.97 N UTF3 966.88 350.56 141.60 63.366 17.97 N USLXX 114.10 210.70 114.60 63.366 17.97 N USLXX 114.10 210.70 114.60 63.366 17.97 N USLXX 114.10 210.70 114.60 63.366 17.97 N USLXX 114.60 63.366 17.97 N N N USLXX 114.60	Nonrecurring Currently Combined Network Elements Switch As- Is Charte		15		UNCCC		88	8.98	11 17	11 17		2 8 C				
USLXX 86.47 210.70 114.60 63.366 17.97 1 USLXX 114.10 210.70 114.60 63.366 17.97 1 USLXX 287.78 210.70 114.60 63.366 17.97 1 USLXX 287.78 210.70 114.60 63.366 17.97 1 ULIX3 966.89 350.166 141.56 46.00 23.39 1 UTT33 156.20 151.4 48.00 23.39 1 1 UCID1 114.10 210.70 114.60 63.36 17.97 1 USUX 86.47 210.70 114.60 63.36 17.97 1 USUX 114.10 210.70 114.60 63.36 17.97 1 USUX 210.70 114.60 63.36 17.97 1 1 USUX 218.7 210.70 114.60 63.36 17.97 1 USUX 118.6 4.84	4-WIRE DS1 DIGITAL EXTENDED LOOP WITH DEDICATED DS3 INTE	ROFFICE	E TRAN	-						,		2				
USLXX 114.10 210.70 114.60 65.96 17.87 17.87 USLXX 297.76 210.70 114.60 63.96 17.97 1 ULSXX 4.00 2.10.70 114.60 63.96 17.97 1 ULTF3 966.68 360.56 114.60 63.96 17.97 1 ULTF3 966.68 360.50 114.60 63.96 17.97 1 ULTF3 966.68 360.70 114.60 63.96 17.97 1 ULTF3 966.68 3.0.70 114.60 63.96 17.97 1 USLXX 86.47 2.10.70 114.60 63.96 17.97 1 USLXX 287.76 2.10.70 114.60 63.96 17.97 1 USLXX 287.76 60.73 63.96 7.94 1 1 USLX 287.76 60.48 8.96 7.94 1 1 1 USLXX 283.22	First DS1Loop in DS3 interoffice Transport Combination - Zone		5		NSLXX	88.47	210.70	114.60	63.96	17.97		7.86				
USLXX 287.76 210.70 114.60 65.36 17.97 7.97 7 1L5XX 4.08 350.16 141.56 65.00 17.97 7 7 UTF3 968.68 350.16 141.56 66.03 15.12 5.30 7 UTF3 968.68 350.16 141.60 63.36 17.97 7 UCD1 11.80 210.70 114.60 63.36 17.97 7 USUXX 287.76 60.48 63.96 7.94 7 7 USUXX 289.7 48.00 7.34 7 7 7 USUXX 11.46 63.96 7.84 7 7 7 USUXX 11.48	First DS 1Loop in DS3 Interoffice Transport Combination - Zone 2	_			NSLOC	114.10	210.70	114.60	63.96	17.97		7.86				
1L5XX 4.06 11.55X 4.06 23.36 141.56 4.8.00 23.336 1 UTIF73 966.86 360.56 141.56 48.00 23.336 1 23.36 1 23.36 1 23.36 1 23.36 1 23.36 1 23.36 1 23.36 1 23.36 1 23.36 1 23.36 1 23.36 1 23.36 1 23.36 1 23.36 1 23.36 1 23.36 1 23.36 1 23.36 1 23.37 23.36 1 23.37 23.36 1 23.37 23.36 1 23.37 23.36 1 23.37 23.36 1 23.37 23.36 1 23.37 23.36 1 23.37 23.36 1 23.37 23.36 1 23.36 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	First DS1Loop in DS3 interoffice Transport Combination - Zone 3				NSLXX	297.76	210.70	114.60	98.59	17.97		7 86				
UTF3 966.68 350.56 11.56 6.71 6.65.51 15.12 5.30 MO3 158.20 115.46 66.55 15.12 5.30 5.30 UCID1 11.80 6.71 4.84 51.12 5.30 5.30 USUX 86.47 210.70 114.60 63.36 17.97 5.30 USUX 267.78 210.70 114.60 63.36 17.97 5.97 USUX 287.78 210.70 114.60 63.36 17.97 5.97 USUX 287.78 210.70 114.60 63.36 17.97 5.97 USUX 287.78 210.70 114.60 63.36 17.97 5.97 UCID1 11.80 63.36 17.97 5.94 5.94 5.94 UCID2 11.80 63.36 7.94 5.94 5.94 UCID2 125.22 60.48 59.66 7.84 5.94 UEAU2 17.45 23.42 7.84<	Interoffice Transport - Dedicated - DS3 combination - Per Mile Per Month		5		1L5XX	4.09										
MO3 15.2 15.4 56.5 15.1 5.30 UCID1 11.80 65.1 15.1 5.30 5.30 USLXX 86.47 210.70 114.60 63.36 17.97 5.30 USLXX 86.47 210.70 114.60 63.36 17.97 5.30 USLXX 114.10 210.70 114.60 63.36 17.97 5.30 USLXX 287.76 210.70 114.60 63.36 17.97 5.30 USLXX 287.76 210.70 114.60 63.36 17.97 5.9 USLXX 287.78 210.70 114.60 63.36 17.97 5.9 USLXX 287.78 210.70 114.60 63.36 17.97 5.9 USLX 287.8 60.48 59.69 7.84 5.6 UNCCC 126.7 125.22 60.48 59.69 7.84 5.6 UEAL2 17.45 125.22 60.48 59.69 7.84	Interoffice Transport - Dedicated - DS3 - Facility Termination per				1 HTE3	880	250 66	11				,				
UCID1 11.80 6.71 4.84 7.81 7.87 USLXX 86.47 210.70 114.60 63.96 17.97 7 USLXX 86.47 210.70 114.60 63.96 17.97 7 USLXX 287.78 210.70 14.80 63.96 17.97 7 UNCC 1.80 8.96 8.96 7.84 7.84 7 UEAL2 17.45 125.22 60.48 59.66 7.84 7 UEAL2 17.46 7.84 7.84 7 8 1 1 1 UEAL2 125.22 60.48	DS3 to DS1 Channel System combination per month		515		MQ3	158.20	115.48	56.53	40.00 15.12			98.7				
USLXX B6.47 210.70 114.60 63.36 17.87 1 USLXX 114.10 210.70 114.60 63.36 17.97 1 USLXX 287.78 210.70 14.80 63.36 17.97 1 USLXX 11.80 63.36 11.17 11.17 11.17 1 UNCC 12.67 125.22 60.48 59.66 7.84 1 UEAL2 17.45 125.22 60.48 59.66 7.84 1 UEAL2 17.45 125.22 60.48 59.66 7.84 1 UEAL2 17.45 125.22 60.48 59.66 7.84 1 UEAL2 23.322 125.52 6	DS3 Interface Unit (DS1 COCI) combination per month Additional DS41 now in DS3 Interrefice Transmot Combination -	1	5		UCIDI	11.80	6.71	4.84				7.86				
USLXX 114.10 210.70 114.60 63.36 17.87 17.87 USLXX 267.76 210.70 114.60 63.365 17.97 17.97 UUSLXX 267.76 210.70 114.60 63.365 17.97 17.97 UUSLXX 267.76 8.71 4.84 63.365 17.97 17.97 UUNCCC 8.89 8.89 11.17 11.17 11.17 11.17 UNCC 12.67 125.22 60.48 59.66 7.84 11.17 UEAL2 17.45 125.22 60.48 59.66 7.84 11.17 UEAL2 33.22 125.22 60.48 59.66 7.84 11.17 UEAL2 33.22 125.22 60.48 59.66 7.84 11.17 ULIX2 23.46 98.06 53.61 7.84 11.17 11.17 UNCC 8.86 63.66 71.41 11.17 11.17 11.17	Auditorial bo (Loop a) boo arise under raisport consistanti - 20ne 1 2.20ne 1	-+	5		NSLXX	86.47	210.70	114.60	63.96	17.97		7.86				
USLXX 287.76 210.70 114.60 63.96 17.97 1 UCIDI 11.80 6.01 4.84 6.96 11.17 11.17 11.17 UNCCC 8.98 8.96 11.17 11.17 11.17 11.17 UNCC 1.267 125.22 60.48 59.69 7.84 11.17 UEAL2 17.46 125.22 60.48 59.69 7.84 11.17 UEAL2 17.46 125.22 60.48 59.69 7.84 11.17 11.	Additional US (Loop II USS Interdition Transport Comprision - Zone 2				NSLXX	114.10	210.70	114.60	63.96	17.97		7.86				
UCID1 11.80 6,71 4.64 7 11.17	Additional DS1Loop in DS3 Interoffice Transport Combination - Zone 3				NSLXX	297.78	210.70	114.60	63.96	17 97		7 86				
UNCCC 8.98 8.98 11.17 11.17 11.17 U UNCCC 1.267 125.22 60.48 59.69 7.84 UEAL2 17.45 125.22 60.48 59.69 7.84 7.84 UEAL2 17.45 125.22 60.48 59.69 7.84 7.84 UEAL2 33.22 125.22 60.48 59.69 7.84 7.84 UEAL2 23.69 98.09 53.67 56.31 22.42 7.84 UNCCC 8.96 8.96 11.17 11.17 11.17 71.17	DS3 Interface Unit (DS1 COCI) combination per month		5		UCIDI	11.80	6.71	4.84				7.86				
Image: Section of the sectio	Nonrecurring Currently Combined Network Elements Switch 74- Is Charge		5		UNCCC		8.98	8.98	11.17	11.17		7.86				
UEAI2 12.67 125.22 60.48 59.66 7.84 7.84 UEAI2 17.45 125.22 60.48 59.66 7.84 7.84 UEAI2 17.45 125.22 60.48 59.66 7.84 7.84 UEAI2 33.22 125.22 60.48 59.66 7.84 7.84 UEAI2 33.22 125.22 60.48 59.66 7.84 7.84 UEAI2 33.22 125.22 60.48 59.66 7.84 7.84 ULEXX 0.01 3.51 56.31 2.242 7.84 UNCCC 8.96 8.96 8.96 11.17 11.17 11.17	2-WIRE VOICE GRADE EXTENDED LOOP/ 2 WIRE VOICE GRADE INT	EROFFIC	Ä TRA	USPORT (EEL)												
UEAL2 17.45 125.22 80.46 59.66 7.84 UEAL2 33.22 125.22 60.48 59.66 7.84 UEAL2 33.22 125.22 60.48 59.66 7.84 11.5X 0.01 2.64 56.31 2.242 11.17 U1TV2 23.66 69.06 53.67 56.31 22.42 11.17 UNCCC 8.86 8.36 11.17 11.17 11.17	2-WreVS Loop used with 2-wire VG interoffice Iransport Combination - Zone 1		5 -	·	UEAL2	12.67	125.22	60.48	59.69	7.84		7.86				
UEAL2 33.22 125.22 60.46 56.69 7.84 1LEXX 0.01 53.67 66.31 7.84 7.84 U11V2 23.66 98.09 53.67 56.31 22.42 11.17 UNCCC 8.36 8.36 11.17 11.17 11.17 11.17	2-WireVG Loop used with 2-wire VG Interoffice Transport Combination - Zone 2				UEAL2	17.45	125.22	60.48	59.69			7 86				
1L5XX 0.01 88.00 83.67 56.31 22.42 U1TVZ 23.66 83.67 56.31 22.42 UNCCC 8.38 81.17 11.17 11.17	2-WireVG Loop used with 2-wire VG Interoffice Transport Combination - Zone 3				UEAL2	33.22	125.22	80.48	. AD 40			80 F				
U11V2 23.66 96.09 53.67 56.31 22.42 UNCCC 8.96 8.96 11.17 11.17	Intercifice Transport - Dedicated - 2-wire VG combination - Per Mile Per Month		5		1LEXX	0.01						8				
UNCCC 8.38 11.17 11.17	Interoffice Transport - Dedicated - 2- Wire Voice Grade combination - Facility Termination per month		5		U11V2	23.86	60.68	53.67	56.31	94		7 86				
	Nonrecurring Currently Combined Network Elements Switch -As Is Charge		5	1 - J	UNCCC		8.96	8.96	11.17	11.17		7.86				к -
	4-WIRE VOICE GRADE EXTENDED LOOP/ 4 WIRE VOICE GRADE INT	EROFFIC	E TRA	3												

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Number Number<																	
Martine function Martine function<	INBUNDLI	ED NETWORK ELEMENTS - Kontucky		ŀ										₹ I	thachment: 2		EXhibit: B
Multi Lultifit Multifit Multifit Multifit Multi Multifit Multifit					•											Incremental	-
Multi that is the formation of th	• • •							•	DATER (6)			Svc Order			Charge - Manual Svc	_	Charge - Manual Svc
New New <td>ATEGORY</td> <td>RATE ELEMENTS</td> <td></td> <td>Zone</td> <td>BCS</td> <td>USOC</td> <td></td> <td></td> <td>KAIES (8)</td> <td></td> <td></td> <td>Submitted Elec</td> <td>Submitted Manually</td> <td></td> <td>Order vs. Electronic-</td> <td></td> <td></td>	ATEGORY	RATE ELEMENTS		Zone	BCS	USOC			KAIES (8)			Submitted Elec	Submitted Manually		Order vs. Electronic-		
Nee Newmembra Nemmembra Nemm												per LSR	per LSR	ŧ	1.ppv	Disc 1st	Disc Ado
UEM4 28.28 12.32 60.46 96.66 7.44 7.66 7.66 UEM4 34.25 12.32 60.46 66.66 7.44 7.66 7.66 UEM4 94.26 12.32 60.46 66.66 7.44 7.66 7.66 UEM4 96.06 12.32 60.46 56.66 7.44 7.66 7.66 UESV4 96.06 12.32 60.46 56.67 52.42 7.66 7.66 UNCX 31.36 41.76 53.45 11.17 7.766 7.66 UESVX 906.31 277.36 11.17 11.17 7.66 7.66 UNCX 94.00 23.26 11.16 11.17 7.766 7.66 UNCX 94.00 23.36 11.17 11.17 7.66 7.66 UNCX 94.00 23.38 11.17 11.17 7.66 7.66 UNCX 94.00 23.27 01.16 7.66 7.66 7		· ·					Rec	Nonrect	urring Add	Nonrecurring	Disconnect	SOMEC	SOMAN	OSS R SOMAN	RATES (\$) SOMAN	SOMAN	SOMAN
UEMA 34.25 125.22 00.46 56.66 7.84 7.84 UEMA 0.01 125.22 00.46 59.66 7.84 7.84 UEMA 0.01 125.22 00.46 59.66 7.84 7.84 UEMA 21.28 96.06 55.67 56.31 22.42 7.84 UNCC 9.26 6.38 147.66 55.67 56.67 7.84 UNCC 9.25 306.31 237.38 147.66 53.45 22.67 UNCC 9.25 306.31 237.38 147.66 53.45 22.67 UNCC 9.25 147.66 53.45 22.67 7.84 UNCC 9.25 237.38 147.66 53.45 22.67 UNCC 9.25 237.38 147.66 53.45 22.67 UNCC 9.25 230.51 141.58 46.00 23.36 UNCC 9.25 23.61 141.58 22.61 7.94		4-WireVG Loop used with 4-wire VG interoffice Transport			(CVX	UEA 4	29.26	125.22	60.48	59.69	7.84		7.86				
UEMA 66.06 126.22 60.46 99.66 7.44 ULTVA 21.28 60.46 99.66 7.44 7.44 ULTVA 21.28 66.06 55.67 56.31 22.42 7.44 ULTVA 21.28 66.06 55.67 56.67 56.67 7.64 7.64 ULTVA 21.28 66.89 52.57 6.86 147.66 55.67 22.67 7.74 ULESPX 906.31 227.36 147.66 55.43 22.67 7.74 ULESPX 906.31 227.36 147.66 55.43 22.67 7.74 ULTS3 666.89 350.56 147.69 55.43 22.67 7.74 ULDX 92.5 0.04.61 350.56 147.69 55.43 22.67 7.74 ULDX 92.5 0.04.61 55.64 147.16 7.14 7.11 7.11 ULDX 19.44 1.55.22 60.48 56.69 7.54 7.54	-	Avrinsmission - come				116414	34.25	125.22	60.4B	29.69	7.84		7.86				
11.50X 0.01 55.67 56.31 22.42 U1TVM 71.28 96.06 55.67 56.31 22.42 UNCCC 8.36 11.17 11.17 11.17 UNCCC 8.36 147.56 85.43 32.67 55.36 UNCCC 8.36 147.56 85.43 32.67 55.36 UNCCC 8.36 147.56 85.43 32.67 55.36 UNCC 9.25 350.56 147.56 85.43 32.67 55.36 UNCC 9.25 60.46 8.54 7.34 11.17 11.17 UNCC 9.25 60.46 8.54 7.34 22.67 55.35 UNCC 9.25 147.56 8.34 7.34 11.17 11.17 11.17 UNCC 9.25 60.46 5.336 147.56 52.67 52.67 52.67 UNCC 9.25 14.15 11.17 11.17 11.17 11.17 UNCC		Contamenual - cure z 4-WireVG Loop used with 4-wire VG Interoffice Transport			2	IEALA	8	175.22	R0 48	99	7 84		7 86			-	
UITVA 21.26 96.06 55.67 56.31 22.42 UNCCC 9.26 9.36 11.17 11.17 11.17 UNCCC 9.26 9.36 147.66 53.43 22.67 11.17 UNCCC 9.26 147.66 53.43 22.67 23.6 14.17 UNCCC 9.28 147.66 63.43 22.67 23.6 14.17 UNCCC 9.06 3.00.53 237.36 141.56 63.45 22.67 23.36 UNCCC 9.28 300.51 237.36 141.56 63.45 22.67 23.36 UNCCC 9.25 14.166 63.45 23.67 23.67 23.67 UNCCC 9.26 14.1.66 23.36 7.44 23.36 24.60 23.36 UNCCC 9.45.70 30.56 14.1.66 63.43 23.67 24.60 23.67 UNCCC 9.45.70 30.56 14.1.66 63.43 23.56 74.60 74.60 <td></td> <td>Comprision - 2018 3 Interoffice Transport - Dedicated - 4-wire VG combination - Per</td> <td></td> <td>T</td> <td>N.C.</td> <td>11 500</td> <td>500</td> <td></td>		Comprision - 2018 3 Interoffice Transport - Dedicated - 4-wire VG combination - Per		T	N.C.	11 500	500										
UNCCC 8.96 11.17 11.17 11.17 UNCCC 9.25 147.69 8.343 32.67 UERPX 9.25 147.69 8.343 32.67 UERPX 9.033 237.36 141.66 8.343 32.67 UERPX 9.033 237.36 141.69 8.343 32.67 UNCCC 8.98 141.69 83.43 32.67 11.17 UNCC 9.25 147.69 83.43 32.67 11.17 UNCC 9.25 147.69 83.43 32.67 11.17 UNCC 9.25 147.69 83.43 32.67 11.17 UNCC 9.05 147.69 83.43 32.67 11.17 UNCC 9.65.13 32.67 11.17 11.17 11.17 UNCC 9.65.13 32.67 11.17 11.17 11.17 UNCC 9.65.13 147.69 83.43 32.67 11.17 UNCC 9.65.13 1		Mile Fer Mortu Interoffice Transport - Dedicated - 4- Wire Voice Grade construction - Eardiky Tarmination nationanti					21.28	80.86	53.67	56.31	22.42		7.86				·
1LBND 0.25 147.69 63.43 22.67 UESPX 308.31 237.36 147.69 63.43 22.67 UESPX 308.31 237.36 147.69 63.43 22.67 UITF3 966.39 350.56 141.66 44.00 23.39 UNCCC 9.26 3.80.56 141.56 46.00 23.39 UNCC 9.26 3.80.56 141.56 46.00 23.39 UNCC 9.26 3.80.56 141.56 46.00 23.39 UULX 4.05 3.80.56 141.58 46.00 23.39 UULX 10.44 125.22 60.46 59.66 7.84 UULX 10.44 125.22 60.46 59.66 7.84 UILX 2.60 125.22 60.46 59.66 7.84 UILX 7.84 125.22 60.46 59.66 7.84 UILX 7.84 136.7 1.84 1.84 1.84 UI		Currently Combined Network Elements Switch -As-			CXX	UNCCC		8.8	8.98	11.17	11.17		7.86				
115N0 9.25 147.69 83.43 32.67 1 UESPX 4.09 237.36 147.69 83.43 32.67 1 UESPX 4.09 300.31 237.36 147.69 83.43 32.67 1 UNCCC 9.25 9.06 147.69 8.00 23.36 1 1 UNCCC 9.25 300.51 237.36 147.69 83.43 32.67 1 1 UNSC 9.05 147.69 8.06 147.69 83.43 32.67 1	D83 (IS THE EXTENDED LOOP WITH DEDICATED DS3 INTEROFFIC	E TRAN	SPORT	EEL)												
UERX 308.31 237.36 147.68 68.43 32.67 32.67 UTTS 968.69 300.31 21.46 6.00 23.30 23.76 UTTS 968.69 300.56 141.68 4.00 23.30 23.30 UNCCC 9.25 9.26 141.68 6.00 11.17 11.17 UNCCC 9.26 147.60 83.43 32.67 7.94 UNCC 4.00 320.56 141.68 46.00 23.36 UNTES 945.78 305.66 141.68 46.00 23.36 UNTES 945.78 305.66 141.68 46.00 23.36 UNTES 945.78 80.46 53.69 7.84 UNTES 10.12X 125.22 90.46 56.69 7.84 UTEN 7.84 7.34 7.84 7.84 1.67 UTEN 7.84 7.84 7.84 7.84 1.67 UTEN 7.84 7.84 7.84		High Capacity Unbundled Local Loop - DS3 combination - Per Mile per month		5	VC3X	115ND	9.25										
1LSXX 4.08 4.18 4.8.00 23.38 UTTT3 966.89 350.56 141.58 48.00 23.39 UNCCC 8.96 141.56 48.00 23.39 141.17 11.17 1LSNU 9.25 1.87 8.48 83.43 32.67 11.17 1LSNU 9.25 141.56 48.00 23.39 11.17 11.17 1LSNU 4.06 350.56 141.56 48.00 23.39 14.17 11.17 UUTSN 965.79 350.56 141.56 48.00 23.39 11.17 11.17 UUTSN 965.79 14.156 60.46 59.66 7.34 11.17 UULSN 4.13 125.22 60.46 59.66 7.34 11.17 ULLSN 4.13.33 57.28 14.74 1.86 7.34 1.87 ULLSN 1.13.33 57.28 60.46 59.66 7.34 1.87 ULLSN 1.13.33 57.28	-	High Capacity Unbundled Local Loop - DS3 combination -			VC3X	UE3PX	308.31	237.36	147.69	83.43	32.67		7.86				
UTTF3 966.86 350.66 141.56 48.00 23.36 UNCCC 8.36 8.36 141.7 11.17 11.17 1L5NC 9.25 8.36 147.60 8.34 22.67 UNCCC 9.25 147.60 83.43 32.67 11.17 ULTSN 4.00 9.25 147.60 83.43 32.67 UNTFN 945.70 350.56 141.56 48.00 23.36 UNTSN 945.70 350.56 141.56 7.84 11.17 UNCC 945.70 8.04 56.60 7.34 11.17 UNCC 18.44 125.22 60.46 56.60 7.34 ULTSN 25.08 125.22 60.46 56.60 7.34 ULTSN 0.112X 25.61 125.22 60.46 56.60 7.34 ULTSN 0.112X 13.33 57.26 14.74 1.98 1.97 ULTSN 11.333 57.26 60.46		Interoffice Transport - Dedicated - DS3 - Per Mile per month		5	NC3X	1L5XX	4.09										
UNCCC 6.88 6.86 6.11 11.17 11.17 1.END 9.25 9.25 147.68 83.43 32.67 1 1.END 9.25 330.51 237.38 147.68 83.43 32.67 1 1.ENX 4.08 350.56 141.56 46.00 23.39 1 1.ENX 4.09 350.56 141.56 83.43 32.67 1 1.ENX 4.09 350.56 141.56 83.43 32.67 1 1.ENX 945.79 850.56 141.56 7.84 1 1 1.ENX 0.19 125.22 60.46 58.66 7.84 1 1.ENX 0.11.2X 25.67 1.25.22 60.46 59.66 7.84 1 1.ENX 0.11.2X 161.24 1.25.25 60.46 59.66 7.84 1 1.ENX 0.11.2X 1.67 1.84 1.85 7.84 1 1.ENX 0.11.2X <td></td> <td>Interoffice Transport - Dedicated - DS3 combination - Facility Termination per per month</td> <td></td> <td></td> <td>VC3X</td> <td>U1TF3</td> <td>966.89</td> <td>350.56</td> <td>141.58</td> <td>48.00</td> <td>23.39</td> <td></td> <td>7.86</td> <td>· .</td> <td></td> <td></td> <td></td>		Interoffice Transport - Dedicated - DS3 combination - Facility Termination per per month			VC3X	U1TF3	966.89	350.56	141.58	48.00	23.39		7.86	· .			
UNLOC 6.56 6.56 11.11 11.11 1 LSND 9.25 237.36 147.66 83.43 32.67 1 LSXX 4.06 350.56 141.56 83.43 32.67 1 LSXX 4.06 350.56 141.56 46.00 23.39 UTEX 945.79 350.56 141.56 46.00 23.39 UTEX 945.79 350.56 141.56 46.00 23.39 UNCC 9.36 60.46 59.69 7.84 ULUX 25.08 125.22 60.46 59.69 7.84 ULUX 25.08 125.22 60.46 59.69 7.84 ULUX 13.33 57.26 14.74 1.86 7.84 UCICA 2.04 59.69 7.84 1.67 1.67 UCICA 2.04 13.24 1.25.22 60.48 59.69 7.84 UCICA 2.04 13.24 1.25.22 60.48 59.69 7.84 <tr< td=""><td></td><td>Nonrecurring Currently Combined Network Elements Switch -As-</td><td></td><td></td><td>, include the second /td><td>00011</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr<>		Nonrecurring Currently Combined Network Elements Switch -As-			, include the second	00011											
1LBND 9.25 147.66 83.43 32.67 1 UDLS1 320.51 237.36 147.66 83.43 32.67 1 1L5XX 4.06 350.56 141.56 46.00 23.36 1 ULSXX 945.79 350.56 141.56 46.00 23.36 1 ULXX 945.79 350.56 141.56 46.00 23.36 1 ULXX 945.79 56.66 141.56 46.00 23.36 1 1 ULXX 18.44 125.22 60.46 56.66 7.84 1 ULXX 0.19 125.22 60.46 56.66 7.84 1 ULXX 0.18 125.22 60.46 56.66 7.84 1 ULXX 0.133 57.26 14.74 1.86 1.67 1 ULXX 13.33 57.26 14.74 1.86 7.84 1 ULX 13.44 1.25.22 60.48	ST31	Is Charge DIGITAL EXTENDED LOOP WITH DEDICATED STS1 INTEROFF		ANSPOR	T (EEL)	nucce		2.95	86.9 9	1.11			98.7				
UOLS1 320.51 237.36 147.60 83.43 32.67 1L5XX 4.06 350.56 141.56 46.00 23.36 UITFS 945.79 350.56 141.56 46.00 23.36 UNCCC 945.79 350.56 141.56 46.00 23.36 UNCC 8.39 8.96 11.17 11.17 11.17 UNCC 18.44 125.22 60.46 59.66 7.84 U1L2X 25.08 125.22 60.46 59.66 7.84 U1L2X 3.016 125.22 60.46 59.66 7.84 U1L2X 3.013 125.22 60.46 59.66 7.84 UTF1 78.02 13.75 56.72 22.32 7.84 UT12X 13.33 57.26 14.74 1.86 7.84 UT12X 18.44 125.52 60.48 56.66 7.84 UT12X 18.44 125.52 60.48 56.66 7.84		High Capacity Unbundled Local Loop - STS1 combination - Per		_	XSUN	11 SND	9.25									х	
1L5XX 4.00 350.56 141.56 46.00 23.36 UNTFS 945.79 350.56 141.56 46.00 23.36 UNCC 8.46 8.96 141.57 11.17 11.17 UNCC 8.46 125.22 80.46 59.66 7.84 U1L2X 25.06 125.22 60.48 59.66 7.84 U1L2X 25.08 125.22 60.48 59.66 7.84 U1L2X 42.87 125.22 60.48 56.72 22.32 UT12X 13.33 57.2.6 14.14 1.86 7.84 U1TF1 79.02 181.24 125.23 56.12 22.32 MCI 113.33 57.2.6 14.14 1.86 7.84 U1L2X 18.44 125.22 60.48 59.66 7.84 U1L2X 18.44 125.22 60.48 59.66 7.84 U1L2X 18.44 125.22 60.48 59.66 7.84	-	Hime per month. High Capacity Unbundled Local Loop - STS1 combination -			ACSY.		120151	237 36	147 80	1718	20.67		7 86				
LLXX Turts 945.76 141.58 48.00 233.36 UNCCC 8.96 141.58 48.00 23.39 11.17 11.17 UNCCC 8.96 6.96 141.58 48.00 23.39 11.17 UNCCC 8.96 6.96 141.58 59.66 7.84 11.17 UNL2X 18.44 125.22 60.48 59.66 7.84 12.6 U1L2X 25.08 125.22 60.48 59.66 7.84 12.6 U1L2X 40.10 125.22 60.48 59.66 7.84 12.6 U1L2X 40.12 7.8.1 125.22 60.48 56.72 23.32 MCI 11.33 57.26 14.74 1.86 7.84 16.7 UCICA 2.84 6.71 4.84 1.86 7.84 16.7 UCICA 2.84 125.22 60.48 59.66 7.84 16.7 UCICA 2.84 1.84 1.86	-	interoffice Transport - Dedicated - STS1 combination - Per Mile				~							8				
UTFS 945.79 350.56 141.56 46.00 23.36 UNCCC 8.86 6.98 11.17 11.17 11.17 ULIZX 18.44 125.22 60.48 56.66 7.84 ULIZX 25.06 125.22 60.48 56.66 7.84 ULIZX 25.06 125.22 60.48 56.66 7.84 ULIZX 42.87 125.22 60.48 56.66 7.84 UTF1 78.02 125.22 60.48 56.66 7.84 UCICA 0.19 125.22 60.48 56.66 7.84 MQ1 113.33 57.26 14.74 1.86 7.84 UCICA 2.84 6.71 4.84 7.84 1.67 UCICA 2.84 6.74 7.84 1.67 1.67 UCICA 2.84 125.22 60.48 56.60 7.84 1.67 UCICA 2.84 61.74 1.86 7.84 1.67 <td< td=""><td>+</td><td>per monuri Interoffice Transport - Dedicated - STS1 combination - Facility</td><td></td><td></td><td>VOW</td><td></td><td>BO'</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>	+	per monuri Interoffice Transport - Dedicated - STS1 combination - Facility			VOW		BO'										
UNCCC 8.38 6.38 11.17 11.17 11.17 U1L2X 19.44 125.22 60.48 59.69 7.84 1.31 U1L2X 25.08 125.22 60.48 59.69 7.84 1.31 U1L2X 25.08 125.22 60.48 59.69 7.34 1.34 U1L2X 4.387 125.22 60.48 59.69 7.34 1.67 U1L5X 4.2.87 125.22 60.48 59.69 7.34 1.67 U1L5X 161.24 125.53 14.74 1.86 1.67 1.67 MC1 11.33 57.26 14.74 1.86 1.87 1.67 UCICA 2.84 6.71 4.84 7.84 1.67 1.67 U1L2X 18.44 125.22 60.48 59.69 7.84 1.67 U1L2X 18.44 125.22 60.48 59.69 7.84 1.64 U1L2X 2.84 60.48 59.69		Termination per month)	NCSX	UITFS	945.79	350.56	141.58	48.00	23.39		7.86				
U1L2X 18.44 125.22 60.46 56.66 7.84 U1L2X 25.06 125.22 60.46 56.66 7.84 U1L2X 25.06 125.22 60.46 56.66 7.84 U1L2X 42.87 125.22 60.48 56.66 7.84 U1L2X 42.87 125.22 60.48 56.66 7.84 U1L2X 43.13 125.22 60.48 56.66 7.84 U1T51 78.02 181.24 125.53 56.72 22.32 MQ1 113.33 57.28 14.74 1.86 1.67 UCICA 2.84 67.72 60.48 56.66 7.84 UCICA 2.84 155.22 60.48 56.66 7.84 U1L2X 18.44 155.22 60.48 56.66 7.84 U1L2X 18.44 155.22 60.48 59.66 7.84 U1L2X 42.84 155.22 60.48 59.66 7.84 <tr< td=""><td></td><td>Notifeculting Cuitering Cultured Network Communic Control 74</td><td></td><td></td><td>NCSX</td><td>UNCCC</td><td></td><td>8.96</td><td>8.98</td><td>11.17</td><td>11.17</td><td></td><td>7.86</td><td></td><td></td><td></td><td></td></tr<>		Notifeculting Cuitering Cultured Network Communic Control 74			NCSX	UNCCC		8.96	8.98	11.17	11.17		7.86				
U1L2X 18.44 125.22 60.46 56.66 7.84 U1L2X 25.06 125.22 60.48 59.69 7.84 U1L2X 25.06 125.22 60.48 59.69 7.84 U1L2X 4.287 125.22 60.48 59.69 7.84 U1L5X 0.16 125.22 60.48 59.69 7.84 U1L5X 0.133 57.28 14.74 1.86 1.67 MQ1 113.33 57.28 14.74 1.86 1.67 UCICA 2.84 6.71 4.84 7.84 1.67 UCICA 2.84 135.22 60.48 59.66 7.84 1.67 U1L2X 18.44 125.22 60.48 59.66 7.84 1.64 1.64 U1L2X 18.44 125.22 60.48 59.66 7.84 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 <	2-WIF	LE ISDN EXTENDED LOOP WITH DS1 INTEROFFICE TRANSPOR		+													
U1L2X 25.08 125.22 60.48 59.68 7.84 U1L2X 42.87 125.22 60.48 59.68 7.84 U1L2X 0.19 125.22 60.48 59.68 7.84 U1L5X 0.19 125.22 60.48 59.68 7.84 U1TF1 79.02 181.24 123.53 56.72 22.32 Ma1 113.33 57.28 14.74 1.86 1.67 UCICA 2.84 6.71 4.84 7.84 1.67 UCICA 2.84 1.35.22 60.48 56.66 7.84 U1L2X 18.44 125.22 60.48 56.66 7.84 U1L2X 2.85.06 125.22 60.48 59.66 7.84 U1L2X 4.281 125.22 60.48 59.66 7.84 U1L2X 4.281 125.22 60.48 59.66 7.84 U1CA 2.84 67.48 59.66 7.84 1.64		Transport - Zone 1		-	NCNX	UILZX	18.44	125.22	60.48	59.69	7.84		7.86				
U112X 42.87 125.22 60.48 59.66 7.84		First 2-Wire ISDN Loop in a DS1 Interoffice Combination Transport - Zone 2			NCNX	U112X	25.08	125.22	60.48	59.69	7.84		7.86				
ILEXX 0.16 123.53 0.16 123.53 0.17 79.02 181.24 123.53 56.72 22.32 167 173 Mati 113.33 57.26 14.74 1.86 1.67 22.32 167 Mati 113.33 57.26 14.74 1.86 1.67 23.32 UCICA 2.84 6.71 4.84 1.86 7.84 1 U1L2X 18.44 125.22 60.48 59.66 7.84 1 U1L2X 25.06 125.22 60.48 59.66 7.84 1 U1L2X 25.06 125.22 60.48 59.66 7.84 1 U1L2X 42.87 125.22 60.48 59.66 7.84 1 UCICA 2.84 67.48 59.66 7.84 1 UCICA 2.84 67.48 59.66 7.84 1 UCICA 2.84 67.48 59.66 7.84 1 UCI		First 2-Wire ISDN Loop in a DS1 Interoffice Combination Transnot - 7 one 3			NCNX	111 2X	42.87	125.22	60.48	F9 69	2		7 86				
UTTF1 78.02 181.24 123.55 56.72 23.32 23.32 167 MQ1 113.33 57.26 14.74 1.86 1.67 2.32 1 UCICA 2.84 6.71 4.84 1.86 7.84 1 1 UCICA 2.84 125.22 60.48 59.66 7.84 1 1 U1L2X 25.06 125.22 60.48 59.66 7.84 1 1 U1L2X 25.06 125.22 60.48 59.66 7.84 1		Interoffice Transport - Dedicated - DS1 combination - Per Mile			NCIX	1L5XX	0.19						3				
MG1 113.33 57.26 14.74 1.86 1.67 UCICA 2.84 6.71 4.84 50.66 7.84 U1L2X 18.44 125.22 60.48 59.66 7.84 U1L2X 25.06 125.22 60.48 59.66 7.84 U1CX 25.04 125.22 60.48 59.66 7.84 UCCA 2.84 6.71 4.84 59.66 7.84 UCCA 2.84 6.71 4.84 7.84 56.66		Interoffice Transport - Dedicated - DS1 combinition - Facility Temination per month		5	NCIX	UITF1	79.02	181.24	123.53	56.72	22.32		7 86				
UCICA 2.84 6.71 4.84 <t< td=""><td></td><td>Channelization - Channel System DS1 to DS0 combination -</td><td></td><td></td><td>NC1X</td><td>. 9</td><td>113 23</td><td>AC 73</td><td>47.41</td><td></td><td>4</td><td></td><td>4 00</td><td></td><td></td><td></td><td> </td></t<>		Channelization - Channel System DS1 to DS0 combination -			NC1X	. 9	113 23	AC 73	47.41		4		4 00				
U1L2X Los 6.71 4.84 125.22 60.48 59.66 7.84 U1L2X 25.08 125.22 60.48 59.66 7.84 7.84 U1L2X 25.08 125.22 60.48 59.66 7.84 7.84 U1L2X 42.87 125.22 60.48 59.66 7.84 7.84 U1L2X 42.87 125.22 60.48 59.66 7.84 7.84 U1CX 42.87 125.22 60.48 59.66 7.84 7.84 UCCA 2.84 6.71 4.84 59.66 7.84 7.84 UNCCC 8.86 8.86 11.17 11.17 11.17		2-Wre ISDN COCI (BRITE) - DS1 to DS0 Channel System			NCHIV					8	10.1		8				
U1L2X 18.44 125.22 60.48 59.68 7.84 U1L2X 25.08 125.22 60.48 59.69 7.84 U1L2X 25.08 125.22 60.48 59.69 7.84 U1L2X 25.08 125.22 60.48 59.69 7.84 U1L2X 42.87 125.22 60.48 59.69 7.84 UCICA 2.84 6.71 4.84 7.84 1.11 UNCCC 8.86 8.86 11.17 11.17 11.17		Additional 2-wire ISON Loop in same DS1 interoffice Transport				5	5	1.0	5				987. \ \				
U1L2X 25.06 125.22 60.48 59.69 7.84 U1L2X 42.87 125.22 60.48 59.69 7.84 U1L2X 42.87 125.22 60.48 59.69 7.84 U1L2X 42.87 125.22 60.48 59.69 7.84 UCICA 2.84 6.71 4.84 11.17 11.17 UNCCC 8.96 8.86 11.17 11.17 11.17	+	Combination - Zone 1 Additional 3 wire ISON I com in same DS I Internitive Transmet		<u>-</u>	NCNX	UILZX	18.44	125.22	60.48	59.69	7.84		7.86				
U1L2X 42.87 125.22 60.48 59.69 7.84 UC1CA 2.84 6.71 4.84 7.84 7.84 UNCCC 8.96 8.98 11.17 11.17 11.17		Combination - Zone 2			NCNX	UILZX	25.08	125.22	60.48	59 .69	7.84		7.86				
UCICA 2.84 6.71 4.84 UNCCC 8.98 8.88 11.17 11.17		Additional 2-wire ISDN Loop in same US1 interoffice Transport Combination - Zone 3			NCNX	U1L2X	42.87	125.22	60.48	59.69	~	: •	7.86				
UNCCC 8.96 8.96 11.17 11.17		2-wire ISDN COCI (BRITE) - DS1 to DS0 Channel System combinitation- per month			NCNX	UCICA	2.84	6.71	4.84	•			7.86				
		Nonrecurring Currently Combined Network Elements Switch -As- Is Channe			NCIX	INCCO		8	80	4 47			00 -				
	1-WI	LE DSI DIGITAL EXTENDED LOOP WITH DEDICATED STS-1 IN	TEROFI	FICE TR	ANSPORT (EEL)			3	8				8				\downarrow
	•.																

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UNBUNDLE	UNBUNDLED NETWORK ELEMENTS - Kentucky															
			-										-	Automment: 2		EXNIBIC: B
						•						<u>=</u>	3	Incremental	Incremental	Incremental
						· · ·		RATES (\$)			Svc Order 8	Svc Order N	Charge - Manual Svc	Charge - Manual Svc	Charge - Manual Svc	Charge - Manual Svc
CATEGORY	RATE ELEMENTS	E E	Zone	BCS	usoc									Order vs. Electronic	Order vs. Electronic	Order vs.
						· -					æ		-	AddT	Disc 1st	Disc Add'
		•				Rec	Nonrecurring	aring	Nonrecurring Disconnect	Disconnect			OSS RATES (\$)	ATES (\$)		
	First DS1 Loop in STS1 interoffice Transport Combination -		.	~~~~				IDOV	-ruar	LDOV	SOMEC		SOMAN	SOMAN	SOMAN	SOMAN
	First DS1 Loop in STS1 Interoffice Transport Combination -			UNCIA	USLXX	86.47	210.70	114.60	63.96	17.97		7.86			-	
	Zone Z Fiet DS1 I con in STS1 intenditive Transnot Combination .	Ţ	~	UNCIX	NCISU	114.10	210.70	114.60	63.96	17.97		7.86				
	reat bot body at 5151 attending indiaport buildingue		3 U	UNCIX	NSLXX	297.76	210.70	114.60	63.96	17.97		7.86				
	Interoffice Transport - Dedicated - STS1 combination - Per Mile Per Month		<u> </u>		11.500	8						8				
	Interoffice Transport - Dedicated - STS1 combination - Facility Termination				1.HTEC	046 70	260 50									
	STS1 to DS1 Channel System conbination per month	T		UNCSX	MQ3	158.20	300.06	141.58	48.00 15 13	23.39		7.86				
	DS3 Interface Unit (DS1 COCI) combination per month			INC1X	UC1D1	11.80	6.71	4.84	10.14	00.0		7.86	T			
	Additionae US (Loop) at 0.03 anteromoe (ransport Combination - 2016 1			UNCIX	NXTSD	86.47	210.70	114.60	63.96	17.97		7.86				
	Adoational US1Loop In SIS1 Interontice Transport Combination - Zone 2		2	UNC1X	NOLOX	114.10	210.70	114.60	63.96	17.97		7 86				
	Additional DS1Loop in STS1 Interoffice Transport Combination - Zone 3		0 0		XXISI	297 78	240.70	414 BU	8	10						
	DS3 Interface Unit (DS1 COCI) combination per month			UNCIX	UC1D1	11.80	6.71	19.4	8.3	18.11		88.7				
	Nonrecurring Currently Combined Network Elements Switch -As- Is Charge		<u> </u>		UNCCC		88	8	11 17	1 13		8				
4-WIRE	: 56 KBPS DIGITAL EXTENDED LOOP WITH 56 KBPS INTEROFFICE TRANSPORT (EEL)	FICE TR	ANSPC	XRT (EEL)								8				
	4-wire 56 kbps Loop/4-wire 56 kbps Interoffice Transport Combination - Zone 1		1		norse	27.59	125.22	60.48	69.65	7 84		7 80				
	4-wire 56 kbps Loop/4-wire 56 kbps Interoffice Transport Combination - Zone 2		<u>ر</u> 2	UNCDX	UDI 56	30 FB	134 22	80.48	9			3				
· .	4-wire 56 kbps Loop/4-wire 56 kbps Interoffice Transport			·.				24.78	AD AD	\$0.		98./			ŀ	
	combination - Zone 3 Interoffice Transport - Dedicated - 4-wire 56 kbps combination -		5 r	UNCDX	UDL56	36.37	125.22	60.48	59.69	7.84		7.86				
	Per Mile		<u> </u>	UNCDX	11.500	0.01								-		
	Intervence interreport - Leakcated - 4-wire 56 kbps combination - Facility Termination		ñ	UNCDX	UTTDS	17.25	98.09	53.67	56.31	20.42		80 -				
	Nonrecurring Currently Combined Network Elements Switch As- Is Chame								2.25	7		8.	ŀ			
4-WIRE	4-WIRE 64 KBPS DIGITAL EXTENDED LOOP WITH 64 KBPS INTEROFFICE TRANSPORT (FEL)	FICE TR	ANSPO				8.8	8.8	11.17	11.17		7.86				
	4-wire 64 kbps Loop/4-wire 64 kbps interoffice Transport Combination - Zone 1		 	UNCDX	UDL64	27.59	125.22	87 09	9			,				
	4-wire 64 kbps Loop/4-wire 64 kbps Interoffice Transport Combination - Zone 2		7 7	UNCDX	UDL64	32 48	105.30				1	8				
	4-wire 64 kbps Loop/4-wire 64 kbps Interoffice Transport Combination - Zone 3		3 (1)		UDL64	36.37	125.22	at 19	60.60 U			8				
	Interoffice Transport - Dedicated - 4-wire 64 kbps combination - Per Mile		5		1L5XX	100		P B	0.00	5		8.				
	Interoffice Transport - Dedicated - 4-wire 64 kbps combination	<u> </u>	=		- 944.81											
	Nonrecurring Currently Combined Network Elements Switch -As-	1-	<u>}</u>		8	07-1	A0.08	93.6/	56.31	22:42		7.86				
ADDITIONAL N		$\left \right $	5	VIIIN		+-	8.88	8.8	11.17	11.17		7.86				
When u	used as a part of a currently combined facility, the non-recurr	Ng chang	es do n	lot apply, but a Sw	ttch As to ch	inge does inpily.					-					
Nonreci	winner wer as owneening combined network Elements for beorgra, the non-recurring charges apply and the Switch As is Charge does not Nonnecurring Currently Combined Network Elements "Switch As Is" Charge (One applies to each combination)	Charge (C	Due and	charges apply and slies to each combi	Ination)	la la Charge doe	e not									
:	Nonrecurring Currently Combined Network Elements Switch -As- Is Charge - 2 wire/4-Wire VG		5	INCAS									T			
	Nonrecurring Currently Combined Network Elements Switch -As- Is Chame - 56/64 khos	\square					R	8	11.17	11.17		7.86				
	Nonrecurring Currently Combined Network Elements Switch -As-	\dagger	5				8.8	8.98	11.17	11.17		7.86				
	ls Charge - DS1		5	UNCIX	UNCCC		8.98	8.98	11.17	11.17		7 86				
									. 			22	-			

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INBUNDI ED NETWORK EI ENENTS - Kentrickv	tuckv															
	Imeny		Γ											Attachiment: 2		EXhibit: B
· · · · · · · · · · · · · · · · · · ·													Incremental Charae	Incremental Charme -	Incremental Channe -	Incremental
								RATES (\$)				Svc Order	ę	Manual Svc	Manual Svc	Manual Svc
CATEGORY RATE ELEMENTS	NTS	Ē	Zone	BCS	USOC				:		Submitted Elec	Submitted Manualiy	Order vs. Electronic-	Order vs. Electronic-	Order vs. Electronic-	Order vs. Electronic-
				•							per LSR	per LSR	1st	1.ppy	Disc 1st	Disc Add'
	•					<u>.</u>	Nonrecurring	uring Adam	Nonrecurring Disconnect	Disconnect	0		OSS R	OSS RATES (\$)		
Nonrecurring Currently Combined Network Elements Switch -Ae-	work Elements Switch -As-							Inny	X NA	DOV	20MEC	SUMAN	SOMAN	SOMAN	SOMAN	SOMAN
Is Charge - US3 Nonmeruring Currentiv Combined Network Elements Switch -As-	work Elemente Switch -Ae-	T	1	UNCIX	UNCCC		8.8	8.98	11.17	11.17		7.86	-			
ls Charge - STS1					INCCC		8.96	8.98	11.17	11.17		7.86			į	
NOTE: Local Channel - Dedicated Transport - minimum billing period - Below DS3=one month, It and Channel - Distanted - 3 Wise Votes Crede are month.	t - minimum biiling period	Below			d aboverfour	mont		4								
Local Channel - Dedicated - 2-1175 Vol	oce Grade per month	T	T			18.5/	260.78	46.96	46.79	4.98		7.88				
Local Channel - Dedicated - DS1 per m	month Zone 1	Γ	F		ULDF1	40.46	209.60	176.51	30.21	21.07	T	7.86				
Local Channel - Dedicated -DS1 Per Month Zone 2	Aonth Zone 2	Π		UNC1X	ULDF1	43.39	209.60	176.51	30.21	21.07		7.86				
Local Channel - Dedicated - US1- Per Month Zone 3	Month Zone 3	T	m		ULDF1	164.50	209.60	178.51	30.21	21.07		7.86				
Local Channel - Dedicated - DS3 - Facility Termination per	citty Termination per	Ī				1										
I coal Channel - Dedicated - STS-1- Pe	er Mie ber month	T	T	UNC3X	ULDF3	576.05 8 74	551.38	338.08	173.00	120.42		7.86				
Local Channel - Dedicated - STS-1 - Facility Termination per	Facility Termination per	T				1.0				-						Ī
Imonth month Imonth Imonth Imon Switching (BOBTS)	16)		1	UNCSX	ULDFS	543.24	551.38	338.08	173.00	120.42	·	7.86				
Exchange Ports		T	T													
NOTE: Atthough the Port Rate Includes all a	available features in GA, K	X, LA &	H H		/ill need to be	tures will need to be ordered using retail USOC	netall USOCa				-					
2-WIRE VOICE GRADE LINE PORT RATES (RES)	(RES)															
	101- F485,	T		JEPSK	UEPRL	1.49	3.74	3.63	223	2.13		7.86			, i	
Exchange Ports - 2-Wire Analog Line Port with Caller ID - Res.	Port with Caller ID - Res.		1	UEPSR	UEPRC	1.49	3.74	3.63	223	2.13		7.86				
Exchange Ports - 2-Wire Analog Line Port outgoing only - Res.	Port outgoing only - Res.			UEPSR	UEPRO	1.49	3.74	3.63	2.23	2.13		7 86				
Exchange Ports - 2-Wire VG unbundled dialing parity Port with Caller ID - Res.	od KY extended local			UEPSR	UEPRM	40	374	163	5.0							
Exchange Ports - 2-Wire VG unbundled res, low usage line port	ad res. Iow usege tine port							3	-	217		8.				
Subsequent Activity		T	T	UEPSR	USASC	149	374	3.8	223	2.13		7.86				
FEATURES		Π				2010	20.0	2				8				
All Available Vertical Features	RIIS)	Ť	-	UEPSR	UEPVF	0.0	0.0	0.0			ŀ	7.86				
Exchange Ports - 2-Wire Analog Line Port without Caller ID	Port without Caller ID -															
Exchange Ports - 2-Wire VG unbundled Line Port with	od Line Port with		1	UEPSB	UEPBL	1.49	3.74	3.63	223	2.13		7.86				
unbundled port with Caller+E484 ID - Bus	Bus.	1		UEPSB	UEPBC	1.48	3.74	3.63	223	2.13		7.86			-	
Exchange Ports - 2-Wire Analog Line Port outgoing only - Bus.	Port outgoing only - Bus.			UEPSB	UEPBO	1.48	3.74	3.63	223	2.13		7.86				
Exchange Ports - 2-Wife VG unbundled dialing parity Port with Caller ID - Bus.	id KY extended local		_	UEPSB	UEPBM	1.48	3.74	3.63	2.73	9.13		8				
Exhange Ports - 2-Wire VG unbundled incoming only port with Caller ID - Bue	i incoming only port with											8		-		
Subsequent Activity		Π	Ī	UEPSB	USASC	00.0	t 00.0	2000 0000	723	2.13		7.86				
FEATURES												3				
EXCHANGE PORT RATES (DID & PBX)			1	UEPSB	UEPVF	8.0	0.0	0.0				7.86				
2-Wire VG Unbundled 2-Way PBX Trunk - Res	nk - Res		Ī		UEPRD	1.49	39.05	18.17	15.38	0.89		7 86				
2-Wire VG Line Side Unbundled 2-Way PBX Trunk - Bus 2-Wire VG Line Side Unbundled Onbeed PBY Trunk - Bus	y PBX Trunk - Bus	Ť	T		UEPPC	1.49	39.05	18.17	15.38	0.89		188.7		Ī		
2-Wre VG Line Side Unbundled Incomi	ard POA Irunk - Dus ning PBX Trunk - Bus	1	T			1.49	39.65	18.17	15.38	0.89		7.86				T
2-Wire Analog Long Distance Terminal	PBX Trunk - Bus	T	Ť		UEPLD	1.49	39.05	18.17 18.17	15.38 15.38	0.89	Ī	7.86				
2-Wire Voice Unbundled PBX LD Term	inal Ports		Ē		UEPLD	1.49	39.05	18.17	15.38	0.89		88.7				
2-Wire Vice Unbundled 2-Way PBX Usage Port 2-Wire Vice Unbundled PBX Toll Terminal Hotal Porte	38ge Port minial Martel Darte	Ť	Ť	UEPSP	UEPXA	1.49	39.05	18.17	15.38	0.89		7.86				
2-Wire Voice Unbundled PBX LD DDD	Terminals Port	T	Ť			1.49	89.82 20.82	18.17	15.38	0.89		7.86				
2-Wire Voice Unbundled PBX LD Terminal Switchboard Port	ninel Switchboard Port	Π	Ē		UEPXD	1.49	39.05	18.17	15.38	0.89	Ī	7.86				
										***		T 10''				

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Cheremental In Cheremental In Conder va. Blectonic E Electonic E Electonic E Electonic E Blectonic E B	UNBUNDLET																
RATES (3) Exercised biointister biointister biointised biointister biointised biointised bio										1					NCINENC: 2		EXNIDIT: 8
RVTE6 (b) Sec Order Sec Order for Sec Order Order Sec Order Order Order Order Order Order Order Order Orde								х 	•••								Incremental Charge -
Momenting Nommenting Nommenting Source	CATEGORY	RATE ELEMENTS		eno	SS	RSOC			RATES (\$)	, ,							Manual Svc Order vs. Electronic- Disc Add'i
Match Match <th< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td>Rec</td><td>Nonrecu</td><td>ming</td><td>Nonrecurring</td><td>Disconnect</td><td></td><td>-</td><td>OSS RA</td><td>VTES (\$)</td><td></td><td>ny ny a</td></th<>							Rec	Nonrecu	ming	Nonrecurring	Disconnect		-	OSS RA	VTES (\$)		ny ny a
38.06 16.17 13.38 0.08 7.48 38.05 16.17 15.38 0.08 7.48 38.05 16.17 15.38 0.08 7.48 38.05 16.17 15.38 0.08 7.48 38.05 16.17 15.38 0.08 7.48 38.05 16.17 15.38 0.08 7.48 38.05 16.17 15.38 0.08 7.48 38.05 16.17 15.38 0.08 7.48 38.05 16.17 15.38 0.08 7.48 38.05 16.17 15.38 0.08 7.48 38.05 16.17 15.38 0.08 7.48 31.4 3.53 2.23 2.13 7.86 31.4 3.54 2.54 7.48 7.46 20.00 0.00 0.00 7.48 7.46 20.16 17.46 7.46 7.46 7.46 20.16 7.46 7.46 <td></td> <td>2 Wire Voice Unbundled PBX LD Terminal Switchboard IDD.</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>Innv</td> <td></td> <td>+</td> <td></td> <td>NAMO</td> <td>SUMAN</td> <td>SUMAN</td>		2 Wire Voice Unbundled PBX LD Terminal Switchboard IDD.									Innv		+		NAMO	SUMAN	SUMAN
38.06 18.17 15.38 0.08 7.36 7.86 38.06 18.17 15.38 0.09 7.36 7.86 38.06 18.17 15.38 0.09 7.36 7.86 38.06 18.17 15.38 0.09 7.36 7.86 38.06 18.17 15.38 0.89 7.76 7.86 38.06 18.17 15.38 0.89 7.76 7.86 38.06 18.17 15.38 0.89 7.76 7.86 38.06 18.17 15.38 0.89 7.76 7.86 0.00 0.00 0.00 2.23 2.13 7.76 7.86 38.06 18.17 15.38 0.89 7.76 7.76 7.86 38.06 18.17 15.23 2.23 2.13 7.86 7.766 38.06 18.17 15.62 2.76 7.86 7.766 7.766 18.417 7.766 7.766 7.766		Capable Port 2-Wire Voice Unbundled 2-Way PBX Kentucky Room Area		NEK.			- 48 -	9.95 9	18.1/	10.38	0.69		98.7				
38.00 18.17 15.38 0.09 7.89 7.89 39.05 18.17 15.38 0.89 7.89 7.89 39.05 18.17 15.38 0.89 7.89 7.89 39.05 18.17 15.38 0.89 7.89 7.89 38.06 18.17 15.38 0.89 7.89 7.89 38.06 18.17 15.38 0.89 7.89 7.89 38.06 18.17 15.38 0.89 7.89 7.89 38.06 18.17 15.38 0.89 7.89 7.89 38.06 0.00 0.00 2.22 2.13 7.89 7.89 38.06 18.17 15.82 2.21 7.89 7.89 7.89 39.05 18.18 17.12 2.25 7.89 7.96 7.96 198.36 19.36 14.17 7.89 7.96 7.96 7.96 10.48 7.74 80.61 2.417 <		Calling Port Without LUD		UEP		UEPXF	1.49	39.05	18.17	15.38	0.89		7.86				
38/06 18/17 15.38 0.86 7.86 7.86 38/06 18/17 15.38 0.86 7.86 7.86 38/06 18/17 15.38 0.86 7.86 7.86 38/06 18/17 15.38 0.86 7.86 7.86 38/06 18/17 15.38 0.86 7.86 7.86 38/06 18/17 15.38 0.86 7.86 7.86 38/06 18/17 15.38 0.86 7.86 7.86 31/1 353 2.23 2.13 7.96 7.86 31/1 350 2.23 2.13 7.96 7.96 31/1 350 2.23 2.13 7.96 7.96 31/1 350 2.23 2.13 7.96 7.96 31/1 15.82 6.16 5.30 7.96 7.96 31/1 15.82 6.16 5.30 7.96 7.96 31/1 15.82		2-Wire Voice Unbundled PBX Kentucky LUU Area Calling Port 2-Wire Voice Unbundled PBX Kentucky Premium Calling Port				UEPXH	1.49	39.05	18.17	15.38	0.89	-	7.86	1			
30.05 18.17 15.38 0.09 7.86 7.96 30.05 18.17 15.38 0.89 7.86 7.86 30.05 18.17 15.38 0.89 7.86 7.86 30.05 0.81 7.36 0.89 7.86 7.86 30.05 0.00 0.00 7.86 7.86 7.86 30.05 0.131 15.53 0.08 7.86 7.86 30.00 0.00 0.00 1.81 1.65.3 7.86 7.86 30.01 0.00 0.00 2.23 2.13 7.86 7.86 30.02 0.01 0.00 0.00 7.86 7.86 7.86 20.01 18.615 61.82 2.23 2.13 7.86 7.86 20.02 0.03 0.12 2.24 7.86 8.414 8.414 20.02 0.00 0.00 0.00 0.00 0.00 0.00 20.11.01 17.174 60		2-Wre Voice Unbundled 2-Wey PBX Kentucky Area Caliling Dev Without 1110		LEPS		JEPXI	48	39.05	18.17	15.38	6910		7 AG				
30.05 19.17 15.38 0.89 7.86 7.86 30.05 19.17 15.38 0.89 7.86 7.86 30.05 19.17 15.38 0.89 7.86 7.86 30.05 19.17 15.38 0.89 7.86 7.86 31.4 3.83 2.23 213 7.86 7.86 31.4 3.83 2.23 213 7.86 7.86 31.4 3.83 2.23 213 7.86 7.86 31.4 3.83 2.23 213 7.86 7.86 31.4 3.83 2.23 213 7.86 7.86 168.36 96.15 91.18 2.61 7.86 7.86 168.36 95.15 91.16 7.86 7.86 7.86 0.00 0.00 0.01 0.14.17 7.86 7.86 169.30 0.016 0.13 3.86 7.86 7.86 0.016 0.016		2-Wire Voice Unbundled 2-Way PBX Hote/Hospital Economy Administration Californ Port				IFPX	1 49	20 CC	18.17	15.38	080		7 86				
30.00 18.17 15.38 0.09 7.86 7.96 30.05 18.17 15.38 0.08 7.86 7.86 7.86 30.05 0.00 0.00 16.17 15.38 0.08 7.86 7.86 30.05 0.00 0.00 16.17 15.38 0.86 7.86 7.86 31.14 3.65 2.23 2.13 7.86 7.86 7.86 108.36 65.16 61.62 2.26 7.86 7.86 7.86 22.18 15.62 62.16 5.30 7.86 7.86 7.86 0.00 0.00 0.00 3.86 7.41 7.86 7.86 198.36 16.18 2.267 7.86 7.86 7.86 7.86 0.00 0.00 0.00 0.00 0.00 1.81.7 7.86 7.86 7.86 188.36 16.18 2.2567 7.86 7.86 7.96 7.96 7.96 7.96 <t< td=""><td></td><td>2-Wire Voice Jubundied 2-Way PBX Hotel/Hospital Economy</td><td></td><td></td><td></td><td>IEPXM</td><td>07</td><td>202</td><td>18.17</td><td>15.28</td><td></td><td></td><td>7 BS</td><td></td><td></td><td></td><td></td></t<>		2-Wire Voice Jubundied 2-Way PBX Hotel/Hospital Economy				IEPXM	07	202	18.17	15.28			7 BS				
30.0 18.11 15.30 0.00 7.86 1.76 1.86 <		2-Wre Voice Juliandied 1-Way Outgoing PBX Hote/Hospital					9	20 CF	18.17	15 28			2017 2017				
0.00 0.00 1.86 1.86 1.86 3.14 3.63 2.23 2.13 7.86 1.86 3.14 3.63 2.23 2.13 7.86 1.86 3.14 3.63 2.23 2.13 7.86 1.86 3.14 3.63 2.23 2.13 7.86 1.86 3.16uit switched data transmission by B-Channela associated with 2-wire ISDN ports. 1.86 1		2-Wire Voice Unbundled 1-Way Outgoing PBX Measured Port		UEP		UEPXS	1.49	39.05	18.17	15.38	0.89		7.86				
0.00 0.00 <th< td=""><td>CEATIB</td><td>Subsequent Activity</td><td>Ţ</td><td>nep</td><td></td><td>USASC</td><td>0.00</td><td>8.0</td><td>8.0</td><td></td><td></td><td></td><td>7.86</td><td></td><td></td><td></td><td></td></th<>	CEATIB	Subsequent Activity	Ţ	nep		USASC	0.00	8.0	8.0				7.86				
3.14 3.63 2.23 2.13 7.66 Alcult entity electric transmission by B-Channels associated with 2-wine ISDN ports. 7.66 7.66 Rates for this pector transmission by B-Channels associated with 2-wine ISDN ports. 7.66 7.66 188.36 66.15 6.30 7.76 7.66 188.36 15.82 62.16 5.30 7.76 7.66 188.36 0.00 0.00 0.00 7.76 7.66 184.46 0.00 0.00 0.00 7.76 7.66 Alcult the data transmission by B-Channels associated with 2-wire ISDN ports. 7.66 7.66 Alcult the packet cummination by B-Channels associated with 2-wire ISDN ports. 7.66 7.66 183.38 0.00 0.00 0.00 0.00 183.38 0.00 18.02 22.67 7.86 Alcula thromania static for the Boins Field Request Procession 19 2.66 7.76 Alcula thromania static for the Boins Field Request Procession 19 2.66 7.76 Alcula thromania static for the Boins Field Request Procession 19 2.67 7.86 Alcula thromania static for the Boins Field Request Procession 19 2.67 7.86 Alcula thromania static for the Boins Field Request Procession 19 2.67 7.86		All Available Vertical Features		UEP	Ж	UEPVF	0.00	0.0	0.0				7.86				
Affactifier with characterized with 2-wine ISDN ports. Affactifier with build draft transmission by B-Channels associated with 2-wine ISDN ports. Rates for the packet capabilities will be determined via the Bons Fide Request/New Business Request Proces. 188.36 95.15 62.16 5.30 7.86 92.18 15.82 62.16 5.30 7.86 92.19 15.82 62.16 5.30 7.86 92.10 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.01 0.00 0.00 0.00 0.01 0.00 0.00 0.00 0.01 0.00 0.00 0.01 0.01 0.01 0.00 0.01 0.01 0.01 0.00 0.01 0.01 0.01 0.00 0.01 0.01 0.01 0.00 0.01 0.01 0.01 0.00 0.01 0.01 0.01 0.01 0.00 0.01 0.01 0.00 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.02 0.01 0.01 0.01 0.01 0.01 0.01 0.01 </td <td>EXCHA</td> <td>NGE PORT RATES (COIN) Evrhanna Porta - Coin Port</td> <td></td> <td></td> <td></td> <td></td> <td>1 40</td> <td>17.6</td> <td>3.63</td> <td>2.23</td> <td>519</td> <td></td> <td>7 06</td> <td></td> <td></td> <td></td> <td></td>	EXCHA	NGE PORT RATES (COIN) Evrhanna Porta - Coin Port					1 40	17.6	3.63	2.23	519		7 06				
Alrcult anticled data transmission by B-Channels associated with 2-wire ISDM ports. Rates for the packet copabilities will be determined via the Bona Fide TequestNew Business Request Proces 188.36 95.15 61.92 22.67 7.96 82.18 15.82 62.16 5.30 7.96 82.18 15.82 62.16 5.30 7.96 82.18 15.82 62.16 5.30 7.96 82.18 15.82 62.16 5.30 7.96 82.19 10.00 0.00 0.00 0.00 0.00 0.00 0.00 14.17 7.96 24cutt entiched data transmission by B-Channels associated with 2-wire ISDN ports. 7.96 7.96 20.00 0.00 0.00 0.00 10.00 0.00 0.00 0.00 18.6.15 7.96 188.38 96.15 61.92 22.67 7.86 188.38 95.15 7.86 7.86 188.38 96.55 61.92 22.67 7.86 200 0.00 0.00 10.00 10.00 188.38 96.55 61.92 22.67 7.86 201 0.00 18.2 22.67 7.86 201 0.00	Local S	witching Features offered with Port		-			24.1		33		2		8				
198.36 95.15 61.92 22.67 7.86 7.86 82.18 15.82 62.16 5.30 7.86 7.86 164.86 77.74 60.69 3.86 7.86 7.86 164.86 77.74 60.69 3.86 7.86 7.86 164.86 77.74 60.69 3.86 7.86 7.86 163.00 0.00 0.00 22.33 14.17 7.86 7.96 168.30 0.00 0.00 61.82 22.67 7.86 7.86 7.96 188.36 95.15 61.82 22.67 7.86 7.86 7.86 188.36 95.15 61.82 22.67 7.86 7.86 7.86 188.36 95.15 61.82 22.67 7.86 7.86 7.86 188.36 95.15 61.82 22.67 7.86 7.86 7.86 188.36 95.15 61.82 22.67 7.86 7.86 7.86	NOTE: NOTE:	Transmission/usage charges associated with POTS circuit a Access to B Channel or D Channel Packet capabilities with b	witched v svailable	and will a	ugh BFR/New E	cult switcher usiness Req	I voice and/or c	trouit switcher	d data transmi. acket capabilit	ssion by B-Ci ties will be de	nannels associ naminad via t	ated with 2-win he Bone Fide R	e ISDN port	ta. V Bueineee F	Rectines Proc		
82.16 15.82 62.16 5.30 7.86 164.86 77.74 80.06 3.86 7.86 164.86 77.74 80.06 3.86 7.86 Affective with bed determined via the Bona Fide Request/New Business Request Process 7.86 Affective via the Bona Fide Request/New Business Request Process Affective via the Bona Fide Request/New Business Request Process Affective via the Bona Fide Request/New Business Request Process 0.00 0.00 0.188.36 0.01 0.00 61.52 188.36 0.01 0.00 61.52 188.36 0.01 0.00 61.52 188.36 0.01 0.00 61.52 188.36 0.01 0.00 61.52 188.36 0.01 188.36 0.01 188.36 0.01 0.01 0.01 188.36 0.01 188.36 0.01 188.37 0.01 188.38 0.01 188.39 0.01 188.30 0.01 188.30 0.01 188.30 0.01 188.30 0.01 188.30 0.01 <td></td> <td>Exchange port - 4-wire ISDN trunk port -all avaitable features included</td> <td></td> <td></td> <td></td> <td>UEPEX</td> <td>101.60</td> <td>188.36</td> <td>95.15</td> <td>61.92</td> <td>22.67</td> <td></td> <td>7 86</td> <td></td> <td></td> <td></td> <td></td>		Exchange port - 4-wire ISDN trunk port -all avaitable features included				UEPEX	101.60	188.36	95.15	61.92	22.67		7 86				
82.16 15.82 52.16 5.30 7.86 7.86 164.86 77.74 60.09 3.86 7.86 7.86 60.60 50.67 3.233 14.17 7.86 Arter for the packet capacities will be determined via the Bona Fide Request/New Buildness Request Process 164.86 7.86 Arter for the packet capacities will be determined via the Bona Fide Request/New Buildness Request Process 0.00 0.00 188.36 96.16 61.32 22.67 7.86 1.86 188.36 96.16 61.32 22.67 7.86 1.86 Alting or Switch Ports. 7.36 7.36 1.86 1.86 Alting or Switch Ports. 0.00 61.32 22.67 7.36 1.86 Alting or Switch Ports. 0.00 61.32 22.67 7.36 1.86 Alting or Switch Ports. 0.00 61.32 22.67 7.36 1.36 Alting or Switch Ports. 0.00 61.32 22.67 7.36 1.36 Alting or Switch Ports. 0.00 0.01 0.00 0.00 Alting or Switch Ports. 0.00 0.13 0.00 0.00 Alting or Switch Ports. 0.00 0.16 0.00 Alting or Swi	UNBUNDLED L	OCAL EXCHANGE SWITCHING(PORTS)															
164.86 77.74 60.69 3.86 7.86 7.86 60.60 50.61 3.03 14.17 7.86 14.01 After for the packet capabilities will be determined via the Bona Fide RequestNew Business Request Process 2.00 0.00 1.00 1.00 After for the packet capabilities will be determined via the Bona Fide RequestNew Business Request Process 0.00 0.00 0.00 0.00 1.00 0.00 1.00 0.00	EXCHA	NGE PORT RATES (DID & PBX) Exchange Ports - 2-Wire DID Port	1	UEPE		UEPP2	10.51	92.18	15.82	62.16	5.30		7.86	· -			
60.60 50.67 32.83 14.17 7.86 7.86 Alter for the packet capabilities will be Channels associated with 2-wire ISDN ports. 0.00<		Exchange Ports - DDITS Port - 4-Wire DS1 Port with DID		UEPL	R	UEPDD	74.77	164 RG	AT 17	RU RO	38.5		a t				
Affectif servicing and data transmission by B-Channels associated with 2-wire ISDN ports. 0.00 0.00 Rates for the packet capabilities will be determined via the Bona Fide RequestNew Business Request Proces 0.00 0.00 1000 0.00 16.42 22.67 7.86 7.96 188.36 85.15 61.92 22.67 7.86 7.96 188.30 95.15 61.92 22.67 7.86 7.96 188.36 95.15 61.92 22.67 7.86 7.96 188.36 95.15 7.86 7.86 7.96 7.96 188.37 95.15 7.86 7.86 7.96 7.96 188.36 95.15 7.86 7.86 7.96 7.96 188.36 95.15 7.86 7.86 7.96 7.96 188.36 95.15 1.82 7.96 7.96 7.96 188.37 95.15 1.82 7.96 7.96 7.96 188.36 95.16 1.82 7.96 7.96 7.96 199.10 95.16 1.96 1.96 1.96 7		Exchange Ports - 2-Wire ISDN Port (See Notes below.)		UEP	TX UEPSX	UIPMA	13.46	60.60	50.67	32.83	14.17		7.86				
Rates for the packet capabilities will be determined via the Bona Fide Request/New Business Request Proce 0.00 0.00 61.92 22.67 7.86 7.96 188.36 85.15 61.92 22.67 7.86 7.96 188.36 85.15 61.92 22.67 7.86 7.96 188.36 85.15 61.92 22.67 7.86 7.96 188.36 95.16 7.86 7.96 7.96 7.96 188.36 95.16 7.86 7.96 7.96 7.96 188.36 95.16 7.86 7.96 7.96 7.96 188.36 95.16 10.62 10.62 10.62 10.62 20.001 10.01 10.02 10.02 10.02 10.02 10.02 21hg or Switch Ports 10.02 10.02 10.02 10.02 10.02 10.02 21hg or Switch Ports 10.02 10.02 10.02 10.02 10.02 10.02 21hg or Switch Ports 10.02 10.02 10.02 10.02 10.02 10.02 21hg or Switch Ports	NOTE:	Ai Features Offered Transmission/usage charges associated with POTS circuit s	witched u	isage will a	IX UEPSX Iso apply to cir	UEPVF suit switched	0.00 voice and/or d	0.00 hould evel tehed	0.00 I data tranami	neton by B-Ch	tannels seroc	ated with 2-wir		_			
0.00 0.00 0.00 188.36 96.15 61.92 22.67 7.86 188.36 96.15 61.92 22.67 7.86 198.36 96.15 61.92 22.67 7.86 108.36 96.16 11.82 22.67 7.86 108.36 96.16 11.82 11.82 11.82 108.36 11.82 11.82 11.82 11.82 108.36 11.82 11.82 11.82 11.82 108.36 11.82 11.82 11.82 11.82 109.10 10.11 11.82 11.82 11.82 109.10 10.11 11.82 11.82 11.82 109.10 10.11 11.82 11.82 11.82 110 11.82 11.82 11.82 11.82 111 11.82 11.82 11.82 11.82 111 11.82 11.82 11.82 11.82 111 11.82 11.82 11.82 11.82 111 11.82 11.82 11.82 11.82 111 11.82 11.82 11.82 11.82 111 11.82 11.82 11.82 11.82	NOTE	Access to B Channel or D Channel Packet capabilities will b	e availabl	e only thro	ugh BFR/New E	usiness Red	uest Process.	Rates for the p	acket capabili	ties will be de	itermined via t	he Bona Fide R	e isur pur	v Business F	Request Proc	.885.	
Incode Box (1) CLOV CLOV CLOV Alting of Switch Ports CLOV CLOV CL		Exchange Ports - 2-Wire ISDN Port Channel Profiles Exchance Ports - 4-Wire ISDN DS1 Port	Ţ		TX UEPSX	UIUMA	0.00	00.00	0.00	e4 00	70 GT						
Alling or Switch Ports.	UNBUNDLED L	OCAL SWITCHING, PORT USAGE					8712	00.001	2.02	78.10	10 77		8.				
nonrecurring	End Of	ice Switching (Port Usage)															
nonrecurring Mated in the k		End Office Trunk Port - Shared, Per MOU					0.0002112										
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nonrecuring Risted in the A		Tandem Twitching Function Fer MOU Tandem Trunk Port - Shared, Per MOU		-		T	0.0002416							Ť			
Reted in the second	Comme	in Transport															
International Internationa International International Internationa International International Inte		Common Transport - Fer Miles Termination Per MOU					0.0007466										
International Internationa International International Internationa International International Inte	UNBUNDLED P	ORT/LOOP COMBINATIONS - COST BASED RATES															
Inonrecurring	Feature	s shall apply to the Unbundled PortLoop Combination - Co	ndror ou at Based	Rate section	n in the same n	woe unpund	y are applied to	the Stand-Ald	n Ports. we Unbundler	d Port section	t of this Rate E	xhibit.	+				
Nonrecurring Itsted in the k	End Of	Re and Tandem Switching Usage and Common Transport U	sage rate	s in the Po	rt section of thi	e rate exhibit	shall apply to a	all combination	ns of loop/por	t network eler	ments except	lor UNE Coin P	ort/Loop Co	ombinations			
7 Interfunction of common an interfactor of the part of the underfactor of the part o	inerus Curren	orgia, variancity, constants, missussippi, ocur caronina and "ty Combined Combos for all states. In GA, KY, LA, MS, SC a	nd TN the	ise nonrect	urring changes (re commissi	on ordered cost	oly to current t based rates a	y Combined a ind in AL, FL.	nd Not Currer and NC these	itly Combined nonrecurring	Combos. The charges are Ma	first and ad what Rates	iditional Port and are also	t nonrecurrir Nated in the	ig charges ap Market Rate	phy to Not section.
UNE PortLoop Combination Rates 1 2 1 <th< td=""><td>2-WIRE</td><td>VOICE GRADE LOOP WITH 2-WIRE LINE PORT (RES)</td><td></td><td></td><td></td><td></td><td>curring - currer</td><td>TUY COMDINED</td><td>sections.</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></th<>	2-WIRE	VOICE GRADE LOOP WITH 2-WIRE LINE PORT (RES)					curring - currer	TUY COMDINED	sections.								
- 0 0	UNE PC	ert/Loop Combination Rates															
3		2-WEB VG LOOP/FUT COMBO - ZUNE 1 2-Wire VG Loop/Part Combo - Zone 2	Ţ	- 77			10.78						+				
		2-Wire VG Loop/Port Combo - Zone 3	Π	6			31.74						╋				

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	Interim Zone	2			2	ATES (\$)						Incremental Charge - Manual Svc	Incremental Charge -	Incrementa	
Market in the function Market in the function<	Construction Interfact Interfact Interfact Zone Ante ELEMENTS Interfact Inte	22			2	ATES (\$)						Charge - Charge - Manual Svc	Incremental Charge -	Incrementa	
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$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	D - res 2 - 1 2 - res extended local dialing						•					Order vs. Electronic-	Order vs. Electronic-	Order vs. Electronic-	
Image: constraint of the	D - res Y - res Y - res extended local dialing							1		per LSR		Add'l	Disc 1st	Disc Add7	
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1 1 UEPRX UEPXX UEPXX UEPX UEPXX	2 2 3 2 - res 1/2 - res 1/2 - res 2 - res		UEPLX			1007				SOMAN	SOMAN	SOMAN	SOMAN	SOMAN	
1 2 UFPX UFPX 1.9 2.9 1.9 1.9 1.9 UFPX UFPX UFPX UFPX UFPX 0.9 2.9 2.9 2.9 0.19 UFPX UFPX UFPX UFPX UFPX 2.9 2.9 2.9 weaking lead UFPX UFPX UFPX UFPX 0.9 2.0 2.9 2.9 weaking lead UFPX UFPX UFPX UFPX 0.9 2.0 2.9 2.9 match UFPX UFPX UFPX 0.9 0.0 0.0 0.0 Mitbox UFPX UFPX 0.9 0.0 0.0 0.0 0.0 0.0 Mitbox UFPX UFPX UFPX 0.0	2 3 0 - res 1/ - res 1/ - res extended local dialing		UEPLX	9.64			-			·					
1 0	3 3 9 - res 1/ - res 1/ - res extended local dialing		UEPLX	14.37											
Crass LEPCK LEPCK <th< td=""><td>D - res</td><td></td><td></td><td>30.59</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></th<>	D - res			30.59											
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V.reil (EPCK) (EPCK)<			UEPRC	115	21.29	15.49	28.5	2 87		7 86					
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Image: consistent in the constant in th			UEPKM	61.L	87.12	15.48	2.85	2.67		7.86		ŀ			
Image: consistence Image:			UEPAP	1.15	21.29	15.49	2.85	2.67		7.86					
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TITY Constration Interviewein Urenex Usenex			LNPCX	0.35				T							
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bitration - Conversion UEPRX USACC 0.10 0.10 0.10 windon - Subsequent UEPRX USACC 0.00 0.00 0.00 0.00 windon - Subsequent UEPRX USACC 0.00 0.00 0.00 0.00 0.00 windon - Subsequent UEPRX USACC 0.00 0.0			CJV51		0 TO	010				9					
Re Port (BUB) UEPPX USACC 0.00		ŀ			2	21%	$\left \right $			98.'					
matter - Subsequent LEPEX USAS2 0.00	change		USACC		0.10	0.10	_	:		7.86	· .				
matori UEPK USAS2 0.00	IONAL NRCs														
WE PORT (BUB) 1 0.00	nent		LISAS2	0.00	00.0	000	· .		:	7 86					
1 1 10.70 10.74 </td <td></td> <td></td> <td></td> <td></td> <td>8</td> <td>3</td> <td></td> <td></td> <td></td> <td>8</td> <td></td> <td></td> <td></td> <td></td>					8	3				8					
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2 UEPX UEPX 14.37 15.40 2.86 2.67 FID - bus UEPBX UEPX 30.59 15.40 2.86 2.67 FUD - bus UEPBX UEPBX UEPBX 115 21.29 15.40 2.85 2.67 FUD - bus UEPBX UEPBX UEPBX 115 21.29 15.40 2.85 2.67 Pr- bus UEPBX UEPBX UEPBX UEPBX 115 21.29 15.40 2.85 2.67 Adorded local diaing UEPBX UEPBX UEPBX UEPBX 0.00<	-		UEPLX	9.64			╉								
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effD-bus urePax urePa	3		UEPLX	30.59											
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UEPBX UEPX <				1.15	21.29	15.49	2.85	2.67		7.86					
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Interface UPERI 1.15 21.29 15.46 2.67			UEPBM	1.15	21.29	15.49	2.85	2.67		7 86					
Image:			UPEB1	1.15	21.29	15.49	2.85	2.67		7.86					
ULEPBX LUNCX 0.35 0.15 UEPVF 0.00 0.00 0.00 0.00 UEPBX UEPVF 0.00 0.00 0.00 0.00 UEPBX USAC2 0.10 0.10 0.10 0.10 UEPBX USAC2 0.10 0.10 0.10 0.10 UEPBX USAC2 0.10 0.10 0.10 0.10 UEPBX USAC2 0.00 0.00 0.00 0.00 UEPBX USAS2 0.00 0.00 0.00 0.00 0.00 UEPBX USAS2 0.00<					_										
IEPBX UEPVF 0.00 <	Il Number Portability (1 per port)		LNPCX	0.35											
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UEPBX USAC2 0.10 0.10 0.10 UEPBX USACC 0.10 0.10 0.10 UEPBX USACC 0.10 0.10 0.10 UEPBX USACC 0.10 0.10 0.10 UEPBX USAC2 0.00 0.00 0.00 UEPBX USAS2 0.00 0.00 0.00				3.5	3	n,			T	7.88	:				
Ombination Conversion UEPBX USAC2 0.10 0.10 0.10 Ombination Conversion UEPBX USAC2 0.10 0.10 0.10 Inbination Subsequent UEPBX USAC2 0.10 0.10 0.10 Inbination Subsequent UEPBX USAS2 0.00 0.00 0.00 ILINE PORT (RES - PBX) 1 1 10.79 0.00 0.00 0.00 2 15.52 31.74 3 31.74 10.79 10.79 10.79									-	T					
Ombination - Conversion - UEPBX USACC 0.10 <t< td=""><td></td><td></td><td>USAC2</td><td></td><td>0.10</td><td>0.10</td><td></td><td></td><td>l</td><td>7.86</td><td></td><td></td><td></td><td></td></t<>			USAC2		0.10	0.10			l	7.86					
Wherefor ULEPBX USASC 0.10 0.10 0.10 Mohration Subsequent UEPBX USAS2 0.00 0.00 0.00 LINE PORT [RES - PBX) 1 1 10.78 0.00 0.00 0.00 2 1 10.78 16.78 16.78 16.78 17.78 3 31.74 3 31.74 10.78 10 10 10															
Mbination - Subsequent UEPBX USAS2 0.00 0			USACC		9.9	0.10				7.86					
LINE PORT [RES. PBX) UEPBX USAS2 0.00 0.00 0.00 1 1 1 10.78 10.77 10.78 10.78 10.77 10.78 10.	2-Wire Voice Grade Loop/Line Port Combination - Subsequent		-		+										
LINE PORT (RES - PBX) 1 1 10.79 1 10.7			USAS2		0.00	0:00				7 86					
3 7 -	VOICE GRADE LOOP WITH 2-WIRE LINE PORT (RES - PBX)									8					
32	org/Loop compination rates			0101											
				10.79	+										
				13.02											
				1.112				T							

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													-	
CATEGORY RATE ELEMENTS	interi B	BCS	LI30C		4 	RATES (\$)		· . ·	Svc Order Submitted Elec per LSR	Svc Order Submitted Menually per LSR	Incremental Charge - Manual Svc Order vs: Electronic- 1st	Incremental Charge - Manual Svc Order vs. Electronic- Add'i	Incremental Charge - Manual Svc Order vs. Electronic- Diac fat	Incremental Charge - Manual Svc Order vs. Electronic- Diac Addin
				Rec	Nonrecurring	arring	Nonrecurring	8			ő	i RATES (\$)		
2-Wire Voice Grade Loop (SL 1) - Zone 1			UEPLX	9.64	XIII	DOM		Lppy	SOMEC	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN
2-Wire Voice Grade Loop (SL 1) - Zone 2 2-Wire Voice Grade Loop (SL 1) - Zone 3		2 UEPRG		14.37										
2-Wire Voice Grade Line Port Rates (RES - PBX)			VELLA	90'NC			Ī					ŀ		
2-Wire VG Unbundled Combination 2-Way PBX Trunk Port - Res		HEPRG	15007	Ţ	5						+	Ţ		
L NUMBER PORTABILITY		VELVO		CL.L	21.29	15.49	2.85	2.67		7.86				
Local Number Portability (1 per port) URES		UEPRG	LNPCP	3.15	80	0.00				7.86				
All Features Offered		UEPRG	UEPVF	0.00	0.00	0.0				7 86				
NUME-UNIONS CRANCES (NICE) - CUNDENTLY COMBINED 2-WIP Vice Grad Loop/ Line Port Combination (PBX) - Contraction And And And And And And And And And An										3				
2-Wire Voice Grade Loop/ Line Port Combination (PBX) -		UEPRG	USAC2		8.45	1.91				7.86				
Conversion - Switch with Change ADDITIONAL NRC=		UEPRG	USACC		8.45	1.91		:		7.86				
2-Wre Voice Grade Loop/ Line Port Combination (PBX) - Subservat Arbitiv														
PBX Subsequent Activity - Change/Rearrange Multiline Hunt		UEPRG	USAS2	8.0	8.0 8.0	0.0				7.86	-			
Group 2-Wire Voice Grade Loop with 2-Wibe Line Port (Ruis - Pry)			·		7.86	7.86				7.86				
ort/Loop Combination Rates							·							
2-Wire VG Loop/Port Combo - Zone 1		-	ŀ	10.79										
2-Wire VG Loop/Port Combo - Zone 2		2		15.52						+				
Loop Rates		2		31.74										
2-Wire Voice Grade Loop (SL 1) - Zone 1		1 UEPPX	UEPLX	9.64										
2-Wire Voice Grade Loop (SL 1) - Zone 2		2 UEPPX 3 IIFEPX		14.37									T	
Voice Grade Line Port Rates (BUS - PBX)			2 2	80.00		-								
Line Side Unbundled Combination 2-Way PBX Trunk Port - Bus			UEPPC	1 45	24.20	4			T				T	
Line Side Unbundled Outward PBX Trunk Port - Bus		UEPPX	UEPPO	1.15	21.29	15.49	2.85	2.67	Ť	7.86		•		
Line Side Unbundled Incoming PBX Trunk Port - Bus 2. Wrs Vrive Unbundled PBY (D. Terruhan Dorts			UEPP1	1.15	21.29	15.49	285	2.67		90./ 98./				
2-Wire Voice Unbundled 2-Way Combination PBX Usage Port			UEPLD	+ +	21.29	15.49	2.85	2.67		7.86		ŀ		
2-Wire Voice Unbundled PBX Toil Terminal Hotel Ports			UEPXB	- - - -	00.12	10.48	2.85	2.67		7.86				
2-Wire Voice Unbundled PBX LD DDD Terminals Port		ŀ	UEPXC	1.15	21.29	15,49	282	2.67		8.2				
2-Wire Voice Linburgied PBX LD Terminal Switchboard Port 2-Wire Voice Linhundlad PBX LD Terminal Switchboard IDD		UEPPX	UEPXD	1.15	21.29	15.49	2.85	2.67		8, 2				
Capable Port		UEPPX	UEPXE	1.15	21.29	15.49	2.85	78.0						
2-1465 Voice Unbundled 2-1483 PBX Kentucky Room Area Caling Port without LUD							3	107		88.7				
2-Wire Voice Unbundled PBX Kentucky LUD Area Calling Port		UEPPX	UEPXG	1.15	21.29	15.49	2.85	2.67		7.86				
2-Wire Voice Unbundled PBX Kentucky Premium Calling Port			UEPXH	1.15	21.29	10440	282	2.67		7.86				
2-WEB YOKS Unbundled 2-Way Kentucky Area Calling Port without LUD		ПЕРРХ	I IEPY I	4	2		3	707	Ť	98.7				
2-Wire Voice Unbundled 2-Way PBX Hote/Hospital Economy			2 33	2	87.12	15.49	2.85	2.67		7.86				.
Administrative Caliling Port 2-Wire Voice Unbundled 2-Way PBX Hotal/Hhanital Fromony		UEPPX	UEPAL	1.15	21.29	15.49	2.85	2.67		7.86				
Room Calling Port		UEPPX	UEPXM		04.90					3				
2-Wire Voice Unbundled 1-Way Outgoing PBX Hotal/Hospital Discount Room Calling Port					- 41-52	15.49	2.85	2.67	+	7.86	-			
2-Wire Voice Unbundied 1-Way Outgoing PBX Measured Port			UEPXO	1.15	21.29	15.49	2.85	2.67		7.86				
LOCAL NUMBER PORTABILITY			UELVO	- 1.10	21.29	15.49	2.85	2.67		7.86				
Local Number Portability (1 per port) ars		ИЕРРХ	LNPCP	3.15	0.0	0.00		Ţ	Ť	+				
All Features Offered		LIEDOV		-										
									-					

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UNBUNDLED NETWORK ELEMENTS - Kentucky												HA-	Attachment: 2		Exhibit: B
				÷	•			•		Bve Order	Sve Order	Incremental Charge - Manual Svo	Incremental Charge - Manual Svo	Incremental Charge - Manual Svo	Incremental Charge - Manual Svo
CATEGORY RATE ELEMENTS	m	Zone	BCS	nsoc			RATES (5)	•		Submitted Elec per LSR			Order vs. Electronic- Add'i		Order vs. Electronic- Disc Add1
· · ·					2	Nonneurring	urtna	Nonracturing	Disconnect			OSS R	(ATES (\$)		
						First	Add'	First	Libby	SOMEC	SOMAN	SOMAN SOMAN	SOMAN	SOMAN	SOMAN
NONRECURRING CHARGES (NRCs) - CURRENTLY COMBINED 2-Wire Voice Grade Loop/ Line Port Combination (PBN) -											8				
Conversion - Switch-As-Is 2 Win-Vvine Gradie (rvol) ine Port Combination (PBX) -			UEPPX	USACZ		64 R	I.A.				88.7				
Conversion - Switch with Change			UEPPX	USACC		8.45	1.91				7.86				
2-Wire Voice Grade Loop/ Line Port Combination (PBX) -					8	8	8				ga r				
Subsequent Activity - Change/Rearrange Mutäline Hunt			UEFTA	7 SWOO	3	3	8 8				20 F				
Group Group 3. WIRE ANALOG LINE CON PORT	-15	T				90	00.1				00'/				
UNE Port/Loop Combination Rates	Ц														
2-Wire VG Coin ParkLoop Combo – Zone 1					10.79										
		• ~			31.74										
UNE Loop Rates					190										
2-Wife Voice Grade Loop (SL1) - 2018 1 2-Wife Voice Grade Loop (SL1) - 20ne 2			UEPCO	UEPLX	14.37						-				
2-Wire Voice Grade Loop (SL1) - Zone 3			UEPCO	UEPLX	30.59										
2-Wire Voice Grade Line Ports (COIN) 2-Wire Coin 2-Way without Operator Screening and without															
Blocking (AL, KY, LA, MS)	_		UEPCO	UEPRF	1.15	21.29	15.49	2.85	2.67		7.86				
2-Wire Coin 2-Way with Operator Screening (AL, KY) 2 Wes Coin 2-Way with Operator Screening and Blocking: 011			UEPCO	UEPRE	1.15	82.12	15.48	2.85	7.67		987.7				
2-1418 CMI 2-142 Mai Characa Caracian a concerner and concerne and concerner and concerner and concerner and conce			UEPCO	UEPRA	1.15	21.29	15.49	2.85	2.67		7.86				
2-Wire Coin 2-Way with Operator Screening and 011 Blocking (KY)	<u>.</u>		UEPCO	UEPKA	1.15	21.29	15.49	2.85	2.67		7.86		Ĩ		-
2-Wire Coin 2-Wey with Operator Screening & Blocking:			UEPCD		1.15	21.29	15.49	2.85	2.87		7 86				
2-Wire Coin Outward without Blocking and without Operator) 								i.		
Screening (KY, LA, MS) 2 Mice Colin Columnal with Onamiles Screening and 011 Blocking			UEPCO	UEPRN	1.15	21.29	15.49	2.85	2.67		7.86				
(GA, KY, MS)	>		UEPCO	UEPRJ	1.15	21.29	15.49	2.85	2.67		7.86				
2-Wire Coin Outward with Operator Screening and Blocking: 011. 900/976. 1+DDD (AL, KY, LA, MS)			UEPCO	UEPRH	1.15	21.29	15.49	2.85	2.67		7.86				
2-Wire Coin Outward Operator Screening & Blocking: 900/976, 4-DDD 0144 and Local AL KY LA MS)					115	21.20	15.40	Э. В.К.	2.87		7 96				
2-Wire 2-Way Smartine with 900/976 (all states except LA)			UEPCO	UEPCK	2.91						7.86				
2-Wire Coin Outward Smartline with 900/976 (all states except			UEPCO	UEPCR	2.81		• •			•	7.86				
ADDITIONAL UNE COIN PORTILOOP (RC)															
UNE Coin Por/Loop Combo Usage (Flat Rate)	_		UEPCO	URECU	2.57	21.29	15.49	2.85	2.67						
Local Number Portability (1 per port)			UEPCO	LNPCX	0.35							Ţ			
NONRECURRING CHARGES - CURRENTLY COMBINED 12-Wira Voica Grade Looo / Line Port Combination - Conversion															
Switch-as-is	_		UEPCO	USAC2		0.10	0.10				7.86				
2-Wire Voice Grade Loop / Line Port Combination - Conversion Switch with change			UEPCO	USACC		0.10	0.10				7.86	•			
ADDITIONAL NRCs															
2-Wre Voice Grade Loop/Line Port Combination - Subsequent Activity			UEPCO	USAS2		0.00	0.00				7.86				
UNBUNDLED REMOTE CALL FORWARDING - RES															
UNBUNDLED PORT/LOOP COMBINATIONS - COST BASED RATES															
2-WIRE VOICE GRADE LOOP- BUS ONLY - WITH 2-WIRE DID TRUN I INE Datil our Combination Pater	NK PORT														
2-Wire VG Loop/2-Wire DID Trunk Port Combo - UNE Zone 1		-			21.30										
			•												

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INBUNDLE	UNBUNDLED NETWORK ELEMENTS - Kentucky															
													¥#	Attachment: 2		Exhibit: B
	•												Incremental	Incremental	Incremental	Incremental
	•							RATES (\$)			Svc Order			Charge - Manual Svo	Charge -	Charge -
CATEGORY	RATE ELEMENTS	τ Ε	Zone	BCS	usoc		۰.					Submitted Manually		Order vs. Electronic-	Order vs. Electronic-	Order vs.
	•										perLSR	_	_	Add'I	Disc 1st	Disc Add'
						29°	Nonrecurring	Addin	Nonrecurring [Disconnect	1 01100		OSS RATES (\$)	ATES (\$)		
	2-Wire VG Loop/2-Wire DID Trunk Port Combo - UNE Zone 2 12-Wire VG Loov/2-Wire DID Trunk Port Combo - UNE Zone 3		26			26.06				DOX.	aCMEC:	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN
UNE Lo	UNE Loop Rates	Π				41.80										
	2-Wire Analog Voice Grade Loop - (SL2) - UNE Zone 1 2-Wire Analon Voice Grade Loon - (SL 2) - LINE Zone 2			UEPPX	UECD1	12.67						7.86				
	2-Wire Analog Voice Grade Loop - (SL2) - UNE Zone 3		2	UEPPX		17.45						7.86				
UNE PC	UNE Port Rate		П			77.00						7.86				
NONRE	Exchange Ports - 2-Wire DID Port Nonrecurring Charges - Currently Combined		T	UEPPX	UEPD1	8.63	336.11	27.75	132.37	9.31		7.86				
	2-Wire Voice Grade Loop / 2-Wire DID Trunk Port Conversion															Π
ADDITIC	I WILL DEIISOULT AUOMBOIE CRIAINGES ONAL NRCs			UEPPX	USAIC		7.85	1.87				7.86				
	2-Wire DID Subsequent Activity - Add Trunks, Per Trunk		Π	UEPPX	USAS1		32.25	32.25				7 86				
Teleph	Telephone Number/Trunk Group Establisment Charges			1000							†.	8				
	Additional DID Numbers for each Group of 20 DiD Numbers		T	UEPPX		8.6	88	000				7.86				
	DiD Numbers, Non- consecutive DID Numbers , Per Number			UEPPX	ND5	0.00	80	80				7.88				
	Reserve Non-Consecutive OID numbers Reserve DID Numbers			UEPPX	90N	0.00	8.0	0.00				8, 6	- 			
LOCAL	NUMBER PORTABILITY	ľ		UEFFX	ADV	0.0	0.0	0.0				7.86				T
	Local Number Portability (1 per port)			UEPPX	LNPCP	3.15	0.0	0.0								
Z-WIRE	ISON DIGITAL GRADE LOOP WITH 2-WIRE ISON DIGITAL LL		2 2							T						
	2W ISDN Digital Grade Loop/2W ISDN Digital Line Side Port -	Ţ	T							 - 						T
	UNE Zone 1			UEPPB UEPPR		25.69										
	ZW ISUN Ugitai Grade Loop/ZW ISDN Digital Line Side Port - UNE Zone 2		 ר						 .			1.				ŀ
	2W ISDN Digital Grade Loop/2W ISDN Digital Line Side Port -	1				31.82										
	UNE Zone 3	Ţ	-	UEPPB UEPPR		50.21				•						
	2-Wire ISON Digital Grade Loop - UNE Zona 1	T	╞					2								
	2-Wire ISDN Digital Grade Loop - UNE Zone 2		· I –	UEPPB UEPPR		75 33						7.86				T
	2-Wire ISDN Digital Grade Loop - UNE Zone 3		5	UEPPB UEPPR		40.63		T				7.86				
UNE FOIT Kate	Firtherine Port - 2. Wine ISDN I his Stda Boot	+										8.				
NONREC	CURRING CHARGES - CURRENTLY COMBINED	T	Ť	UERPB UEPPR	UEPPB	9.59	320.53	269.13	92.19	17.56		7.86				
	2-Wire ISDN Digital Grade Loop / 2-Wire ISDN Line Side Port	1.	ŀ													ŀ
ADDITIO	ADDITIONAL NRCa		╡	UEPPB UEPPR	USACB	0.00	22.77	17.00				7.86				
LOCAL	NUMBER PORTABILITY	1.	1													Ī
-	Local Number Portability (1 per port)	Ħ	Í	UEPPB UEPPR	LNPCX	0.35	80	000								
	WEL USEK FROFILE ALCESS:	╎	Ť						 -							
	CVS (EWSD)	1.	T	LEPPR		88	0.00	0.0							Ţ.	
	CSD	╞┤	1	UEPPB UEPPR	UNUCC	800	000			T						
B-CHAN	NEL AREA PLUS USER PROFILE ACCESS: (AL,KY,LA,MS 8(VS/CSD / MARKESS)	MS. & J						2012								
	CVS (EWSD)	╞		UEPPR LEDDR		0.0	0.00	0.00							-	
Ĭ	CSD	T	Г	UEPPR	UNDE	000	8.8	0.0								
	ERMINAL PROFILE	Ħ	Ħ			~~~	21.12	M'N								Γ
VERTICA		╎	1	UEPPB UEPPR	UIUMA	0.00	0.0	0.00					-			
	All Vertical Features - One per Channel B User Profile		f	UEPPB UEPPR	UEPVF	0.00	80	8								T
	PFICE CHANNEL MILEAGE Infemtics Channel missers sach Induction fact missers		H				3	B.								
	meronare champe each, including itst mus and facilities termination		<u> </u>	UEPPR	MIGNC	28 15	17 22	1 P T T			╀	-	+		Ť	
	interoffice Channel mileage each, additional mile		Ħ	UEPPB UEPPR	MIGNM	0.01	5 <u>8</u>	00.0	177	8.75		7.86				
		1	1									3				
	•			•										1	1	

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													·			
UNBUN	UNBUNDLED NETWORK ELEMENTS - Kentucky		ŀ										¥	Attachment: 2		Exhibit: B
CATEGORY	ORY RATE ELEMENTS	Te E	Zone	8 2 2	RSOC			RATES (\$)		· · ·	Svc Order Submitted Elec Per LSR	Svc Order Submitted Manualty per LSR	Incremental Charge - Manual Svc Order vs. Electronic- 1st	Incremental Charge - Manual Svc Order va. Electronic- Add'I	Incremental Charge - Manual Svc Order vs. Electronic- Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic- Disc Add'
						Sec.	Nonrecurring	Buju	Nonrecurring Disconnect	Disconnect	· •		OSS RATES (\$)	ATE8 (\$)		
	WIRE DS1 MOITAL 1 DOP WITH 4 WIRE ISON DS1 DIGITAL TRUNK	PORT					Elest	Add	Har I	Mdd	SOMEC	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN
	UNE Port/Loop Combination Rates						-					ŀ				
	4W DS1 Digital Loop/4W ISDN DS1 Digital Trunk Port - UNE Zone 1		•	UEPPP		170.06										
	4W DS1 Digital Loop/4W ISDN DS1 Digital Trunk Port - UNE		-			107 70	 . .			•						
	4W DS1 Digital Loop/4W ISDN DS1 Digital Trunk Port - UNE		-			2000	 .					T				
Ī	20ne 3 INE Loop Rates		2 2	UEPHP		381.35			T							
	4-Wire DS1 Digital Loop - UNE Zone 1			JEPPP	USLAP	86.47						7.86				
	4-Wire DS1 Digital Loop - UNE Zone 2		∩: 2'	UEPPP	USL4P	114.10						7.86				
ſ	14-Wre US1 Unglial Loop - UNE 2018 3 UNE Port Rate		1	JEPPP	USLAF	9/ /87						7.86				
	Exchange Ports - 4-Wire ISDN DS1 Port		Í	UEPPP	UEPPP	83.59	736.16	382.74	158.48	48.82		7.86				
	AUNICEDUTION CLARKES - CUNCENTEL COMPLICE 4-Wire DS1 Digital Loop / 4-Wire ISDN DS1 Digital Trunk Port									· ·						
	Combination - Conversion -Switch-as-is			ПЕРРР	USACP	0.0	81.70	1.37		·		7.86				
<u>}</u>	4-Wire DS1 Loop/4-W ISDN Digit Trk Port - Subsqt Actvy- Inwards Way tel nes within Std Allowance (excent NC)			UEPPP	PRTTF		120					8				
	4-Wire DS1 Loop / 4-Wire ISDN DS1 Digital Trunk Port -		Ŀ				5					8				
	UUTWARD I BI NUMBERS (XVI STARES EXCEPT NC) 4-Wire DS1 Loop / 4-Wire ISDN DS1 Digital Trk Port -						12.71	12.71		-		7.86				
	I DOCAL NUMBER PORTABILITY		1	UEPPP	PRIZI		25.41	25.41				7.86				
	Local Number Portability (1 per port)			UEPPP	LNPCN	1.75										
	IN LENFACE (Proveloning Uniy) Voice/Data			IEPPP	PR71V	000	8	60								
	Digital Data	Π		UEPPP	PR71D	0.0	0.0	0.00			ŀ					
	Inward Data	Ī	╧	JEPPP	PR71E	0.00	0.0	0.00								
	New or Additional - Voice/Data B Channel			UEPPP	PR7BV	0.00	15.48					7 86				
	New or Additional - Digital Data B Channel			UEPPP	PR78F	0.0	15.48					7.86				
ľ			Ť		חפואב	M 'n	10.48					7.86				
	Inward			UEPPP	PR7C1	0.00	0.0	0.0								
	Оцимано Тис-мау			UEPPP	PR/CC	0.00	800	8.8				•				
	Interoffice Channel Mileage			EDD	1 144											
	Each Airline-Fractional Additional Mile			UEPPP	1LN1B	0.23	XC-GNL	96.46	23.09	20.49		7.86				
	WIRE DS1 DIGITAL LOOP WITH 4-WIRE DDITS TRUNK PORT															
	4W DS1 Digital Loop/4W DDITS Trunk Port - UNE Zone 1	Π	П	UEPDC		147.99										
T	4W DS1 Digital Loop/4W DUIIS ITURK PORT - UNE ZORE 2 4W DS1 Digital Loop/4W DDITS Trunk Port - UNE Zone 3		3	UEPDC		175.62 359.28										
	UNE Loop Rates															
	4-Wire US1 Ugital Loop - UNE Zone 1 4-Wire DS1 Didital Loon - UNE Zone 2			UEPOC		86.47 111 10						7.86				
	4-Wire DS1 Digital Loop - UNE Zone 3		3	JEPDC	USLDC	297.76						2.86 7.86				
	UNE PORT Rate			LEPDC	1004T	84 53	700.04	01E E1	07 02.7							
	NONRECURRING CHARGES - CURRENTLY COMBINED					A1.UK	10'001	313.34	176.19	16.98		7.86				
	4-Wre DS1 Digital Loop / 4-Wre DD11S Trunk Port Combination - Switch-Park 4 Mino DS1 Picket Loop / Mino DD12 Trunk Port Control			UEPDC	USAC4		92.84	46.70				7.86				
	Conversion with DS1 Changes Conversion with DS1 Changes			UEPDC	USAWA		92.84	46.70			•	7 86				

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UNBUND	UNBUNDLED NETWORK ELEMENTS - Kentucky															
				╞										Altachment: 2	.	Exhibit: B
				•			•	DATCe (c)	•		Sve Order		Charge -	Incremental Charge -		Incremental Charge -
CATEGORY	RY RATE ELEMENTS	E E	Zone		nsoc	· ·					Submitted Elec			Order ve. Electronic-	Order vs. Blectronic-	Manual Svc Order va. Electronic-
					L	Rec	Nonrecurring	urting	Nonreurring	Disconnect				ATES (6)	1 10 100	D196 200 1
	4-Wire DS1 Digital Loop / 4-Wire DDITS Trunk Port Combination						First	Lppy	First		SOMEC	SOMAN	SOMAN SOMAN	SOMAN	SOMAN	SOMAN
	- Conversion with Change - Trunk ADDATIONAL NPCs		UEPDC	S	USAWB		92.84	46.70		-		7.86				
					 i											
	4-Wire DS1 Loop / 4-Wire DD115 Trunk Port - Subsequent		ULFUC	3			15.09	15.09				7.86				
-	Channel Activation/Chan - 1-Way Outward Trunk 4.Wire DS11.com / 4.Wire DDTS Trunk Bod - Subscrip Channel	·	UEPDC	5	BITO		15.09	15.09				7.86	-			<u></u>
	Activation/Chan Invant Truck wout DID		UEPDC	a	UDTTC		15.09	15.09		,		7.86	· ·			
	4-WFB US1 Loop / 4-WFB UDI IS Trunk Port - Subsont Chan Activation Per Chan - Inward Trunk with DID	•	UEPDC		attan		15.09	15.09				S. 8				
	4-Wire DS1 Loop / 4-Wire DDITS Trunk Port - Subsqnt Chan Activation / Chan - 2-Way DID w I tear Trans							3				8				T
BIP			UEPOC	5			15.09	15.09				7.86				
	B82S -Superframe Formet		UEPOC	8	CCOSF		0.0	730.00				7.86	T			
Alte	18425 - Extended Superrame Format emate Mark Inversion		UEPOC	8	OEF		0.0	730.00				7.86				
	AMI -Superframe Format		UEPDC	¥	MCOSF		80	00.0								
Tele	AMB - Extended SuperFrame Format Telenhane Number/Trunk Group Fetabilisment Channee		UEPDC	¥	040		8 0	0.0								
	Telephone Number for 2-Way Trunk Group		UEPDC	9	TGX	0.00	8	80	T							
	Telephone Number for 1-Way Outward Trunk Group		UEPDC	19	TGY	0.00	3	800				7.86				
	DID Numbers for each Group of 20 DID Numbers			99	UDTGZ	0.0	0.0	00				2.86				
	DID Numbers, Non- consecutive DID Numbers , Per Number	ľ	UEPDC			0000	8 8	8.0				7.86				Ī
	Reserve Non-Consecutive DID Nos.	t	UEPDC	Ź	9	0.00	800					8.2				
Ded	Reserve DID Numbers dicated DS1 (Interoffice Channel Milearie) - FX/FCO for 4.Wim D61		UEPDC		2	0.00	0.0	0.0				1.86				
	Interoffice Channel Mileage - Fixed rate 0-8 miles (Facilities															
	Termination)		UEPDC	ŧ	1LN01	96.04	106.52	98.46	23.09	20.49		7.86				
	Interoffice Channel Mileage - Additional rate per mile - 0-8 miles		UEPDC	11	ILNOA	0.23	0.00	800								
	kiteromice Channel Mileage - Fixed rate 9-25 miles (Facilities Termination)										ľ					
	Interoffice Channel Mileage - Additional rate per mile - 9-25		OELOC		ILNUZ	8	8. 0.0	8								
	mites Interoffice Channel Mileage - Fixed rate 25+ miles (Facilities		UEPDC	1	1LNOB	0.45	0.0	0.00								
	Termination)		UEPDC	1 1	1LNO3	0.0	0.00	0.00	0.0		:					
	Interoffice Channel Mileage - Additional rate per mile - 25+ miles		UEPDC	11	00	0.45	0.0	000	·							
	Central Office Termininating Point	Ť			LINPCP	3.15	0.0	0.0	0.0							T
M4	IRE DSI LOOP WITH CHANNELIZATION WITH PORT			Π		8				•.						
Eac	orsent is a rust coop, a co-channel pane, and up to 24 feature Activations Each System can have up to 24 combinations of rates depending on type and humber of ports w	type and	number of ports													
ONE	UNE DS1 Loop	H			ŀ											
	4-Wire DS1 Loop - UNE Zone 1			ISN	USLDC	86.47	0:00	0.00	T		Ţ		+			Π
	4-Wire DS1 Loop - UNE ZONE 2	+	2 UEPMG		8	114.10	0.0	0.0				╞		T		
UNE	UNE DSO Channelization Capacities (D4 Channel Bank Configurations)		1	5		297.76	0.00	0.0								T
	24 DSO Channel Capacity • 1 per DS1 48 DSO Channel Conveils • 1 and 7 DS1-		UEPMG	Ň	V24	111.16	0.00	00.0								
	140 USO Channei Capacity - 1 per 2 US15 196 DSO Channei Canacity - 1ner 4 DS1s	+	UEPMG	1	M48	222.32	0.0	0.00		Ì		7.86				Π
	144 DS0 Channel Capacity - 1 per 6 DS1s	\uparrow	UEPMG	22	VUM96	444.64 Rec oc	0.0	0.0				8.7				T
	192 DS0 Channel Capacity -1 per 8 DS1s	H	UEPMG	M	V19	889.28	300	800	Ť	Ì		7.86				T
$\frac{1}{1}$	240 US0 Channel Capacity - 1 per 10 DS1s 288 DS0 Channel Capacity - 1 per 12 DS1s	+	UEPMG	Т <u>р</u>	82	1,111.60	0.00	0.00				7.86	+			Π
	384 DS0 Channel Capacity - 1 per 16 DS1s	+	UEPMG	VUM28	28 28	1,333.92	0.0	0:0				3.6		+	-	
		1.			-	1,110,001	1 m n	100.0				7.86				T
																1

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IUNINUI	LINRINDI ED NETWORK EI EMENTS - Kantuckv														
										-		₹₽	Attachment: 2		Exhibit: B
			•								<u> </u>		3	3	Incremental
							RATES (\$)				Svc Order Ma	Charge - Manual Svc M	Charge - Manual Svc N	Charge - Manuai Svc	Charge - Manual Svc
CATEGORY	RATE ELEMENTS	Interl Z	Zone BCS	nsoc	<u>.</u>	•		,		Submitted Su Elec M	Submitted O	Order ve.	Order vs. Electronic-	Order ve. Electronic	Order vs.
										æ		_	_	Disc 1st	Disc Add'
					Rec	Nonrecurring	uring	Nonrecurring	Disconnect			OSS RA	TES (5)		
	100 DE0 Channel Canada 4 and 20 DE4-					Ę.	Add	First Add7	Add1	SOMEC 8		SOMAN	SOMAN	SOMAN	SOMAN
	400 USV Criatrinel Capacity - 1 per 24 DS1s 578 DS0 Channel Capacity -1 per 24 DS1s		UEPWG	VUMHO	2,223.20		0.0								
	672 DS0 Channel Capacity - 1 per 28 DS1s		UEPMG	VUM67	3.112.48		000				7.86		-		
1-uon	tecurring Charges (NRC) Associated with 4-Wire DS1 Loop with	hannel Channel	iztion with Port - Con	version Charg	e Based on a Sy	1	8				8				
AMIN	imum System configuration is One (1) DS1, One (1) D4 Channel	Bank, an	d Up To 24 DSO Porta	with Feature	Activations.							ſ			Ī
	<u>mutiples or this committenent intractioning as one are considered adort area the minimum system configuration is counted.</u> NRC - Convestion (Currently Combined) with or without and the counted.		10 minimum system c	onfiguration is	s counted.			ł							
	BellSouth Allowed Changes		UEPMG	USACA	0.00	10	PC 7							-	
Syste	System Additions at End User Locations Where 4-Wire DS1 Loop with Channelization with Port	h Channe		bination Curr	Combination Currently Exists and	2					8				
Man	10 Currenuy Compined in GA, N1, LA, MS & IN Unly 11 DS1/D4 Channel Bank - Add NPC for each Port and Association					· · ·									
	Fea Activation - New GA, LA, KY, MS, &TN Only		UEPMG	VUMD4	0.00	718.89	460.86	140 83	17 77		1 00	-			
Bipoli	Bipolar & Zero Substitution	ŀ				2000	201001	20.84	1		8.				
	Clear Channel Capability Format, superframe - Subsequent '		UEPMG	CCOSF	W U		730.00	· .							T
	Clear Channel Capability Format - Extended Superframe -				80	3	8°76°		ŀ		1.86				
Atten	Subsequent ActMity Only Altamata Mark Inversion (AUI)	╎	UEPMG	CCOEF	0.00	0.00	730.00	-			7.86				
	Superframe Format		UEPMG	MCOSF	000	000	8								
	Extended Superframe Format		1	MCOPO	000	80	36								
Excha	Exchange Ports Associated with 4-Wire DS1 Loop with Channelization with Port	on with Po				3.5	8				1				Ī
Excha	nge Ports														
	Line Side Combination Channelized PBX Trunk Port - Business		1 IEDDX				8	1							
	Line Side Outward Channelized PBX Trunk Port - Business		UEPPX	UEPOX	1.15	0.0	0.0	88	8,00		7.86 7.86				
	the Side hward Only Chennelited BBY Truck Bod without DID														
	2-Wire Trunk Side Unbundled Channelized DID Trunk Port		UEPPX	UEPDM	1.15 8.65	88	88	88	8.0		7.86			_	
Featur	Activations - Unbundled Loop Concentration				2010	20	3	3	8.0		8./				
	Feature (Service) Activation for each Line Side Port Terminated In D4 Bank		LIEDOY	1001101											
	Feature (Service) Activation for each Trunk Side Port Terminated	\mid		WMM	0.62	25.40	13.41	4:17	4 15		7.86				
+	lin D4 Bank		UEPPX	1PQWU	0.62	78.15	19.68	59.05	11.54	<u> </u>	7.86				
	Leispirone runnoer group catabilishinen unages for Diu SerMce DID Trunk Termination (1 per Port)	╉	IEDDY	TUN	5	4									
	DID Numbers - groups of 20 - Valid all States		UEPPX	N	000		8.8				7.86				
	Non-Consecutive DID Numbers - per number		UEPPX	ND5	0.00	0.00	800				98.7 88 7				
	Keserve Non-Consecutive U/U Numbers	┥	UEPPX	90N	0.00	00.0	0:00				2.98 2.98				T
Local	Local Number Portability	╉	ИЕРРХ	ADV	0.0	<u>0.0</u>	0.00				7.86	ŀ		T	
	Local Number Portability - 1 per port	╋	ИЕРРХ	INPCP	3 15		8								
FEATL	FEATURES - Vertical and Optional					35	3.5								
LOCAN	Local Switching realures Unered with Line Side Ports Only	╉		1											T
Market	Market Rates shall apply where BellSouth is not mouled to provide unbundied local switching	Inbundiec		UEPVF		0.00	0 .0								
These	These scenarios include:						Cles.								
	ounded portioop combinations that are Not Currently Combin	ed in Alat	Ama, Florida and Nori	h Carolina.									-	ŀ	Ī
The Tc	ourided portroop commissions that are currently compined o to 8 MSAs in BellSouth's region are: FL (Orlando FL] and order	ir Not Cur ia Miami	- GA /Atlanta): I A /M-	ne 1 of the To	p 8 MSAS in Be	ISouth's region	for and users	with 4 or mon	Anviupe 080 e	ent lines.					Ī
BellSo	uth currently is developing the billing capability to mechanical	ly bill the	recurring and non-rec	urring Marke	L (Greensboro-V	Vinsion Salem+	lighpolnt/Char	otte-Gastonia	Rock Hill); TI	N (Nashville).					T
Marke	Market States. BeilSouth shall bill the reise in the Cost-Based section preceding in lieu of the Market Reise and reserves the right to true-up the billing difference.	preceding	in lieu of the Market	Rates and res	serves the right (o true-up the bi	r norweduring Iling difference	cruarges for ne	ot currently co	ombined in AL	FL and NC.	. In the inter	rim where Be	AlSouth cann	lot bill
End O	arket Mate for unbundled ports includes all available features in files and Tandam Switching Heave and Common Transact He-	n all stated					-				-				
(USOC	: URECU).			ins rite exhib	olt shall apply to	all combination	is of loop/port	network elem	ents except fo	or UNE Coln Pc	ort/Loop Cor	mbinations	which have a	hat rate use	ge charge
For Nc	For Not Currently Combined scenarios where Market Rates apply, the Nonrecurring charges are	Nonrecu	rring charges are liste	d in the First	listed in the First and Additional NRC columns for each Port USOC. For Currently Combined acanedoa the Monecular	IRC columns for	r each Port US	DC. For Cum	utiv Combine	d econoriae (h	Normal a				
UNBUNDLED (UNBUNDLED CENTREX PORT/LOOP COMBINATIONS - COST BASED RATES	zed accor												ne wee - c	Athenty
1. Cos	t Based Rates are applied where BellSouth is required by FCC t	and/or Sta		provide Unb	ule to provide Unbundled Local Switching or Switch Ports	vitching or Swit	ch Porte.								
,	Version 1002: 02/20/02								•		•				1
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	UNBUNDLED NETWORK ELEMENTS - Kentucky						1					•				
			F										Att.	Attachment: 2		Exhibit: B
CATEGORY	RATE ELEMENTS	a free	Zone	ŝ	C			RATES (\$)			Svc Order 5 Submitted 8 Elec 1 per LSR	Bvc Order N Submitted Manually Per LSR	Incremental tr Charge - Manual Svc M Order vs. Electronic- 1st	Incremental Charge - Manual Svc Order vs. Electronic- Add'1	Incremental Charge - Manual Svc Order vs. Electronic- Disc 1st	Incremental Charge - Manual Svc Order va. Electronic- Disc Add'I
		-		·	•	Rec	Nonrecurring	urring Add7	Nonrecurring	g Disconnect			OSS RATES	MTES (\$)		
2. Featured	2. Features shall apply to the Unbundled Port/Loop Combination - Cost Based Rate section in th 2. Evel Office and Transmom Suitability in the section of Complexity of the section in the	oet Base	Nd Rate	section in the same	manner as t	is same manner as they are applied to the Stand-Alone Unbundled Port section of this Rate Exhibit.	o the Stand-	Vone Unbund	led Port secti	on of this Rate	Exhibit.	NYMOO	NAMUS	SUMAN	SUMAN	SOMAN
For Georgi	o. End Outro and Laurent Swutzung Usage and Common Lauraport Usage Tates in the Port and For Georgia, Kentucky, Louisiana, Mississippi and Tennessee, the recurring UNE Port and Loop	ecurring	UNE Po	int and Loop charge	nis rate exhi s listed appi	ton of this rate exhibit shall apply to all combinations of loop/port network elements except for UNE Celin PortLoop Combinations. Charges listed apply to Currently Combined and Not Currently Combined Combos. The the first and additional Port nonvecturing charase annix in Not Currently.	all combinat whined and	tions of loop/p Not Currently	ort network a Combined C	Jements excep	 for UNE Co first and ad 	in Port/Looi ditional Por	p Combination 11 nonrecumine	na. Id charges ar	ank to Not C	
Combined Combined	Combined Combos for all states. In GA, KY, LA, MS and TN these nonrecurring charges are com Combined Combos in all other states, the nonrecurring charges shall be those identified in the N	onrecurri Il be thou	ing char se identi	ges are commissio ified in the Nonrect	n ordened ca arring - Curru	mission ordered cost based rates and in AL, FL, NC and SC these nonnecuring charges are Market Rates and are listed in the Market Rate section. Jourscuring - Currently Combined sections.	id in AL, FL, ections.	NC and SC the	198 nonrecuri	ring charges ar	e Market Rati	il and are li	isted in the Ma	arket Rate se	ction. For C	For Currently
5. Market	tates for Unbundled Centrex Port/Loop Combination will TRFY - 1AESS - Weild in At Et GA KY I A MS 2TN only	be nego	tiated of	n an Individual Cas	e Basis, unti	l further notice.						H				
2-Wire VG	2-Wire VG Loop/2-Wire Volce Grade Port (Centres) Combo															
UNE Port/L	oop Combination Rates (Non-Design)		╎													
2-M Non	2-Wire VG Loop/2-Wire Voice Grade Port (Centrex) Port Combo - Non-Design		- 5	UEP91		40 70										
2-V Non	2-Wire VG Loop/2-Wire Voice Grade Port (Centrex)Port Combo - Non-Design		-	LIEP91						ŀ						
2-M	2.Wire VG Loop/2-Wire Voice Grade Port (Centrex)Port Combo - Non-Design			UEP91		31.74										
UNE Port/	ooo Combination Ratas (Dasion)		╞┼													
2.4	2-Whe VG Loop/2-Whe Voice Grade Port (Centrex) Port Combo															
2-Wire	2-Wire VG Loop/2-Wire Voice Grade Port (Centrex)Port Combo -		<u>-</u>	UEP91		13.82										
Des	Design		2	UEP91		18.60						 -				
Z-Wire Design	re va Loopiz-Wre voke Grade Port (Centrex)Port Combo - gn		3 01	UEP91		34.37										
INE Loop Date	4		╞┼													
0ME E00P	(olce Grade Loop (SL 1) - Zone		5		JECS1	9.84										
2-W	2-Wire Voice Grade Loop (SL 1) - Zone 2 2-Wire Voice Grade Loon (SL 1) - Zone 3		2 6	UEP91	UECS1	14.37						7.86				T
			1			30.55						7.86				
2-W	2-Wire Voice Grade Loop (SL 2) - Zone 1 2-Wire Voice Grade Loop (St 2) - Zone 2		- c	UEP91	JECS2	12.67						7.86				
2-W	re Voice Grade Loop (SL 2) - Zone 3				UECS2	33.22						7.86				
UNE Ports			╎									8			ľ	
All States (I	All States (Except North Carolina and Sout Carolina)		╎╎													
2-W	2-Wire Voice Grade Port (Centrex / basic Local Area 2-Wire Voice Grade Port (Centrex 800 termination)Basic Local	1	<u> </u>	UEP91	UEPYA	1.15	21.29	15.49	2.85	2.67		7.86				
Area 2-Wi	Area 2-Wire Voice Grade Port (Centrex with Caller ID)1Basic Local		5	UEP91	UEPYB	1.15	21.29	15.49	2.85	2.67		7.86				-
Area 2-Wir	Area 2-Wire Voice Grade Port (Centrex from diff Serving Wire		5	UEP91	UEPYH	1.15	21.29	15.49	2.85	2.67		7.86				
Cen 2-Wi	Center/2 Basic Local Area 2-Wra Voits Grada Port Diff Serving Wire Center - Brit Serving		5	UEP91	UEPYM	1.15	21.29	15.49	2.85	2.67		7.86				
Terr	Term - Basic Local Area 2 Whe Victor Grade Breat tominated in an Municipal Condition		5	UEP91	UEPYZ	1.15	21.29	15.49	2.85	2.67		7.86	· .	T		
- Ba	- Basic Local Area		JUE I	UEP91	UEPY9	1.15	21.29	15.40	20 0	100		3	-			
2-W	2-Wire Voice Grade Port Terminated on 800 Service Term - Basic Local Area	-						84-52	8.7	/0.7		7.86				
	AL, KY, LA, MS, & TN Only		5	-	UEPYZ	1.15	21.29	15.49	2.85	2.67		7.86				
2-W	2-Wire Voice Grade Port (Centrex) 2-Wire Voice Grade Port (Centrex 800 termination)		3	UEP91	UEPOA	1.15	21.29	15.49	2.85	2.67		7.86	- 			
2-W	re Voice Grade Port (Centrex with Caller ID)1		5 5		EPOH	1.15	21.29	15.49 15.40	2.85	2.67		7.86		ŀ		
2-W	re Voice Grade Port (Centrex from diff Serving Wire er)2			I IFP91					3	7.07		2.86				
2-W	re Voice Grade Port, Diff Serving Wire Center - 800 Service	†	<u> </u>			2	87.17	15.49	2.85	2.67		7.86				
			Ē	UEP91	UEPOZ	1.15	21.29	15.49	2.85	2.67		7.86				
	· ·															

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Net to the function of	INNRAND	LEU NEI WUKK ELEMEN I S - NORTUCKY		$\left \right $										Ž	ttachment: 2		Exhibit: E
$ \begin{array}{ $	CATEGORI				g	C			RATES (\$)			Svc Order Submitted Elec per LSR			Incremental Charge - Manual Svc Order vs. Electronic- Add'I	Incremental Charge - Manual Svc Order va. Electronic- Disc 1st	Incrementa Charge - Manual Svc Order va. Electronic- Disc Add7
UEPPI UEPPI <th< th=""><th></th><th></th><th></th><th></th><th></th><th></th><th>200</th><th>Nonrec</th><th>urring</th><th>Nonrecurrin</th><th>Disconnect</th><th>·</th><th></th><th>N 880</th><th>ATES (\$)</th><th></th><th></th></th<>							200	Nonrec	urring	Nonrecurrin	Disconnect	·		N 880	ATES (\$)		
UEPPI UEPOI 115 21.29 15.44 2.65 2.67 UEPPI UEPPI UEPCS 0.6673 1.6 2.65 2.67 UEPPI UEPPI UEPPI 0.6673 1.6 2.65 2.67 UEPPI UEPPI 0.00 0.00 0.00 0.00 0.00 UEPPI UEPPI 0.01 0.00 0.00 0.00 0.00 UEPPI UEPPI 0.01 0.00				╞					- 200		1 DOV	+-	SUNAN	SOMAN	SOMAN	SOMAN	SOMAN
UEPPI UPEC 0.8873 0.8873 0.8873 0 0 UEPPI UPPC 0.00 0.00 0.00 0.00 0.00 UEPPI UPPIC 0.00 0.00 0.00 0.00 0.00 UEPPI UPPIC 0.00 0.00 0.00 0.00 0.00 UEPPI UPPIC 0.01 0.00 0.00 0.00 0.00 UEPPI MARX 0.02 0.00 0.00 0.00 0.00 UEPPI MARX 0.02 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01		2-Wire Voice Grade Port terminated in on Megalink or equivarient 2-Wire Voice Grade Port Terminated on 800 Service Term		99		JEPQ9 JEPQ2	1.15	21.29	15.49	2.85	- 		7.86				
LUEPSI LUECC 0.8873 0.8833 0.8333 </td <th></th> <td></td> <td></td> <td>$\left \right$</td> <td></td>				$\left \right $													
LIPPI LUPCC 0.38 0 </td <th>3</th> <td>Centrex Intercom Funtionality, per port</td> <td></td> <td>B</td> <td></td> <td>JRECS</td> <td>0.8873</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>7.86</td> <td></td> <td></td> <td></td> <td></td>	3	Centrex Intercom Funtionality, per port		B		JRECS	0.8873						7.86				
LEPPI D00 465.66 D00 465.66 D00 D00 <thd00< th=""> D00 D00 <thd< td=""><th>Loca</th><td>al Number Portability It ocal Number Portability (1 per port)</td><td></td><td>Ē</td><td></td><td>COON</td><td>0.35</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></thd<></thd00<>	Loca	al Number Portability It ocal Number Portability (1 per port)		Ē		COON	0.35										
I UEPRI UDA 0.00 465.66 0 0 UEPRI UEPNC 0.00 455.66 0 </td <th>Feat</th> <td></td> <td></td> <td></td> <td></td> <td>3</td> <td>3.5</td> <td></td>	Feat					3	3.5										
UEPHI UEPHI UEPHIC 0.00		All Standard Features Offered, per port All Select Features Offered, per port		55		JEPVF	88	AD5.68					7.86				
UEPPI UMEXX 0.00 <		1 1		3		JEPVC	0.00	20.004					7.86				
UEPPI UMAIX 0.00 <	MAR	S Unbundled Network Access Reoister - Combination		<u> </u>		IAPCY	5	80									
Interplay UEP91 CENUG 0.00		Unbundled Network Access Register - Indial		3		IARIX	0.00	0.0	800				7 86				
1 UEP91 CEN46 10.51 82.16 5.30 5.30 1 UEP91 M6BK 2311 1 5.30 1 1 UEP91 M6BK 0.01 1 1 1 1 1 UEP91 M6BK 0.01 1	Miscu	Unbundled Network Access Register - Outdial ellaneous Terminations		Ш Э		JAROX	0.00	0.00	0:00				7.86				
UEPPI CENAG 10.51 82.16 5.30 UEPPI MAGBIX 0.01 82.16 5.30 UEPPI MAGBIX 0.01 91 91 UEPPI MAGBIX 0.01 91 91 UEPPI IPOWS 0.02 91 91 91 UEPPI IPOWS 0.02 91 91 91 91 UEPPI IPOWS 0.02 91	2-Wh	re Trunk Side		$\left \right $													
UEPPI MEBC 28.11 MeBC 28.11 MeBC 28.11 MeBC 28.11 MeBC 1 MeBC 1 MeBC 1 MeBC 1 MeBC 28.11 MeBC		Trunk Side Terminations, each				CENA6	10.51	92.18	15.82	52.16			7.86				
I UEP91 MGBM 0.01 0 0 UEP91 FPOWS 0.62 UEP91 FPOWT 0.62 UEP91 FPOWT 0.62 UEP91 FPOWT 0.62 <th></th> <td>Interoffice Channel Facilities Termination - Voice Grade</td> <td></td> <td></td> <td></td> <td>#GBC</td> <td>29.11</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>7 96</td> <td></td> <td></td> <td></td> <td></td>		Interoffice Channel Facilities Termination - Voice Grade				#GBC	29.11						7 96				
I LEP91 FPOWS 0.62		Interoffice Channel mileage, per mile or fraction of mile		9		MGBM	0.01						7.86				
UEP91 IPQWS 0.62 1 UEP91 IPQWF 0.62 1 UEP91 IPQWO 0.62 1 UEP91 USACM 0.62 0.102 UEP91 USACM 0.63 1.3.27 UEP91 MACC 0.00 78.32 13.27 UEP91 MACC 0.00 78.32 13.27 <th>D4 C</th> <th>ure Activations (USU) Centrax Loops on Channelized DS1 Servis hannel Bank Feature Activations</th> <th></th> <th>╀</th> <th></th>	D4 C	ure Activations (USU) Centrax Loops on Channelized DS1 Servis hannel Bank Feature Activations		╀													
Kr Trank Side Loop Sidt UEPPI IPON6 0.62 I		Feature Activation on D-4 Channel Bank Centrex Loop Slot		圕		PQWS	0.62						7.86				
Kr Trunk Side Loop LEPel IPOMT 0.82 I I K Cantrex Loop Sid LEPel IPOMT 0.82 I IPOMT I K Phrate Line Loop Sid LEPel IPOMT 0.82 I IPOMT I K Phrate Line Loop Sid LEPel IPOMQ 0.82 I I I I K Phrate Line Loop Sid UEPel IPOMQ 0.82 I		Feature Activation on D-4 Channel Bank FX line Side Loop Slot		D		PQW6	0.62	-					7.86				
K Centrex Loop Slot UEP9I FPQWP 0.82 M M K Physie Line Loop Slot UEP9I POWV 0.82 M M M K Physie Line Loop Slot UEP9I POWA 0.82 M M M K Physie Line Loop Slot UEP9I POMA 0.82 M M M M M VATS Loop Slot UEP9I UEP9I USACN 0.102 M <th></th> <td>Feature Activation on D-4 Channel Bank FX Trunk Side Loop Slot</td> <td></td> <td><u> </u></td> <td></td> <td>POW7</td> <td>0.62</td> <td></td>		Feature Activation on D-4 Channel Bank FX Trunk Side Loop Slot		<u> </u>		POW7	0.62										
K Phrate Line Loop Stot UEP91 FPOMV 0.62 0 0 0 K Tje Line Loop Stot UEP91 1POMV 0.62 0 </td <th></th> <td>Feature Activation on D-4 Channel Bank Centrex Loop Slot - Different Wire Center</td> <td></td> <td>997.7</td> <td></td> <td></td> <td></td> <td></td>		Feature Activation on D-4 Channel Bank Centrex Loop Slot - Different Wire Center											997.7				
If Private Line Laop Slot UEPB1 IPOWV 0.82 IPOW0 UEP1 IPOW0 0.82 IPOW0 0.83 IPOW0 0.83 IPOW0 IPP0 IPOW0 IPP0				3			70.0						7.86				
New Number Control UEPBI IPOWA 0.82 New Number Control UEPBI IPOWA 0.82 New Number Control UEPBI IPOWA 0.82 New Number Control New Number Control UEPBI IPOWA 0.82 New Number Control New Numbrer Control New Numbrer Control <th></th> <th>Feature Activation on D-4 Channel Bank Private Line Loop Slot Feature Activation on D-4 Channel Bank Tie I hartrank I con</th> <th></th> <th>9</th> <th></th> <th>POW</th> <th>0.62</th> <th></th> <th></th> <th></th> <th>-</th> <th></th> <th>7.86</th> <th></th> <th></th> <th></th> <th></th>		Feature Activation on D-4 Channel Bank Private Line Loop Slot Feature Activation on D-4 Channel Bank Tie I hartrank I con		9		POW	0.62				-		7.86				
IK MARS Loop Slot UEPPI IPOWA 0.82 0.102		Slot		ÿ		Pawa	0.62						7 R R				
T-Marks with allowed LEPP1 USAC2 0.102 0.102 1105 13.27 nBlock UEP91 USAC3 0.00 69.80 78.32 111.05 13.27 ok UEP91 USAC3 0.00 69.80 78.32 111.05 13.27 ok UEP91 M1ACC 0.00 69.80 78.32 111.05 13.27 ok UEP91 M1ACC 0.00 78.32 11.05 13.27 ok UEP91 M1ACC 0.00 78.32 11.05 13.27 ok UEP91 M1ACC 0.00 78.32 13.27 13.27 ok UEP91 MECC1 0.00 73.32 78.32 13.27 ifm UEP91 MECC1 0.00 72.15 78.32 13.27 utilick Tax UEC1 0.00 73.16 78.32 13.27 utilick Tax UEC1 0.00 73.16 78.32 13.27	Lund	Feature Activation on D-4 Channel Bank WATS Loop Slot Becurring Charnes (NRC) Associated with 11NE-D Centery		9		PQWA	0.62						7.86				
Indicat UEPPI USAC3 0.102 0.102 0.102 1.106 1.3.27 rk UEPPI USACN 0.00 669.80 78.32 111.06 13.27 rk UEPPI MIACS 0.00 669.80 78.32 111.06 13.27 rk UEPPI MIACS 0.00 669.80 78.32 11.06 13.27 km UEPPI MIACS 0.00 78.32 13.27 13.27 km UEPPI MIACS 0.00 78.32 13.27 13.27 km UEPPI MIACS 0.00 78.32 13.27 13.27 km UEPPI MECCI 0.00 72.75 78.32 13.27 13.27 itime I UEPPI MECCI 0.00 72.75 78.32 13.27 13.27 itime I UECCI 0.00 72.75 78.32 13.27 13.27 itititime I UEDBO		Conversion - Currently Combined Switch-As-Is with allowed		-													
ok UEPPI MIACS 0.00 69.80 78.32 11.06 13.27 ok UEPPI MIACC 0.00 69.80 78.32 11.06 13.27 Mn UEPPI MIACC 0.00 78.32 78.32 11.06 13.27 Mn UEPPI MIACC 0.00 78.32 78.32 13.27 13.27 Mn UEPPI MECAI 0.00 78.32 78.32 13.27 13.27 Mn UEPPI MECA 0.00 78.32 78.32 13.27 13.27 Mn UEPPI MECA 0.00 78.32 78.32 13.27 13.27 Mn UEPPI MECA 0.00 72.75 78.32 13.27 13.27 Mn UEPPI MECA 0.00 77.75 78.32 13.27 13.27 Mn UEPPI MECA 0.00 77.75 78.32 13.27 13.27 Mn UEND		changes, per port Conversion of Existing Centrex Common Block				ISAC2		0.102	0.102				7.86				
ds UEP91 M1ACC 0.00 668.90 76.32 11.16 13.27 13		New Centrex Standard Common Block				ALACS I	0.00	669.80	78.32	111 05			100				
Micro UEPPI MCCCI 0.00 78.32 13.27 <th1< td=""><th></th><td>New Centrex Customized Common Block</td><td></td><td>Ē</td><td></td><td>A1ACC</td><td>0.0</td><td>669.80</td><td>78.32</td><td>111.05</td><td></td><td></td><td>7.86</td><td></td><td></td><td></td><td></td></th1<>		New Centrex Customized Common Block		Ē		A1ACC	0.0	669.80	78.32	111.05			7.86				
Important Uncon		Secondery brock, per brock NAR Establishment Charma, Per Orchashm				A2CC1	0.0	78.32	78.32	13.27			7.86				
alian) mitraxi Combo telan) at (Cantrax) Part Combo at (Cantrax) Part Combo b b b b b b b b b b b b b				5		YECA YECA	8	72.75					7.86				
Ham) Ham) ti (Cantreau) Part Combo - 1 UEP96 art (Cantreau) Part Combo - 2 UEP96 art (Cantreau) Part Combo - 3 UEP96 art (Cantreau) Part Combo - 3 UEP96	UNE	P CENTREX - SESS (Valid in Ali States)		╞╎			 										
algn) at (Centrex) Port Combo - 1 UEP96 at (Centrex)Port Combo - 2 UEP96 at (Centrex)Port Combo - 3 UEP96	11M-2	re VG Loop/2-Wire Voice Grade Port (Centrex) Combo		+													
art (Centreu) Port Combo - 1 UEP95 art (Centreu)Port Combo - 2 UEP95 art (Centreu)Port Combo - 3 UEP95 art (Centreu)Port Combo - 3 UEP95	UNE	Port/Loop Combination Rates (Non-Design)		╞			╉									·	
at (Centrex)Port Cembo - 2 UEP95 at (Centrex)Port Cembo - 2 UEP95 at (Centrex)Port Cembo - 3 UEP95		2-Wire VG Loop/2-Wire Voice Grade Port (Centrex) Port Combo						T							·		
at (Canitras)Port Combo - 3 UEP95 3 UEP95		Non-Uesign 2-Wire VG Loon/2-Wire Voice Grade Port (Centrex)Port Combo -		<u>9</u> -	8		10.79								-		
art (Canitras)Port Combo - 3 UEPes		Non-Design	- -		385		15.52										
		2-Wire VG Loop/2-Wire Voice Grade Port (Centrex)Port Combo - Non-Design			8		31.74										
																	·
	IUNE	Port/Loop Combination Rates (Design)	-	-													

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UNBUNDI	UNBUNDLED NETWORK ELEMENTS - Kentucky		ľ										At	Attachment: 2		Exhibit: B
CATEGORY	RATE ELEMENTS	in the second seco	Zone	B	nsoc			RATES (\$)			Svc Order Submitted Elec Der LSR	Svc Order M Submitted Manually F Der LSR	Incremental II Charge - Manual Svc A Order va. Electronic-	Incremental Charge - Manual Svc Order vs. Electronic- Add1	Incremental Charge - Manual Svc Order vs. Electronic- Diac 1st	Incremental Charge - Manual Svc Order vs. Electronic- Diac Addi
					•	Rec	Nonracu	Nonrecurring	Nonrecurring Disconnect	Disconnect	1 r		OSS RATES (\$)	ATES (\$)		
	2-Wire VG Loop/2-Wire Voice Grade Port (Centrex) Port Combo - Desirin		-	IFPQK		5		IDOV		LDDV	SOMEC	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN
	2-Wire VG Loop/2-Wire Voice Grade Port (Centrex)Port Combo - Design			UEP85		20-02 20-02 20-02										
	2-Wire VG Loop/2-Wire Voice Grade Port (Centrex)Port Combo - Design		1	UEP95		34.37										
			TT													
	UNE Loop Rate 2-Wire Voice Grade Loop (SL 1) - Zone 1	T	-	JEP96	UECS1	9.64					ŀ	7 86				
	2-Wire Voice Grade Loop (SL 1) - Zone 2 2-Wire Voice Grade (non (SI 1) - Zone 3		~ ~	UEP96	UECS1	14.37						7.86				
					UC (2)	AC'NC						7.86				
	2-Wire Voice Grade Loop (SL 2) - Zone 1		1 1		UECS2	12.67						7.86				
	2-WFF VOICE STADE LOOD (SL 2) - 2018 2 2-Wire Voice Grade Loop (SL 2) - Zone 3		3	UEP96	UECS2	33.22		T			ŀ	7.86				
			HT.													T
	UNE POR Kate Al States		T							-						
	2-Wire Voice Grade Port (Centrex) Basic Local Area		Í	UEP96	UEPYA	1.15	21.29	15.49	2.85	2.67		7.86				
·	2-Wire Voice Grade Port (Centrex 800 termination)	-	1		UEPYB	1.15	21.29	15.49	2.85	2.67		7.86				
	Z-WER YOUR CHAUE FOIL (CONTREX WILL CONFILME) TO BEAC LUCK		_	UEP85	UEPYH	1.15	21.29	15.49	2.85	2.67		7.86				
	2-Wire Voice Grade Port (Centrex from diff Serving Wire Center)2 Basic Local Area	·	<u>ر</u>	UEP95	UEPYM	1.15	21.29	15.49	2.85	2.87		7 88				
	2-Wire Voice Grade Port, Diff Serving Wire Center - 800 Service Torm - Basic I cool Area			1500K			5					3				
•	2-Wire Voice Grade Port terminated in on Megalink or equivalent		1-	051 50	UCLIZ	61-1	8	Rt-CL	S87	2.67	-	7.86			-	
	- Basic Local Area 2.Wire Vrive Grade Port Terminated nn RM Service Term -		╡	UEP95	UEPY9	1.15	21.29	15.49	2.85	2.67		7.86				
			-	UEP95	UEPY2	1.15	21.29	15.49	2.85	2.67		7.86				
Ч	KY, LA, MS, SC, & TN Only D-Wire Voice Grade Port (Cantrex)		1			1 1	5									
	2-Wire Voice Grade Port (Centrex 800 termination)			UEP96	UEPOB	1.15	2129	15.49	282	2.67		7.86				
	2-Wire Voice Grade Port (Centrex with Califer ID)1 2-Wire Voice Grade Port (Centrex from diff Service Wire	T			UEPQH	1.15	21.29	15.49	2.85	2.67		7.86				
	Center)2 Center)2		<u>ر</u>	UEP96	UEPQM	1.15	21.29	15.49	2.85	2.67		7.86				
	2-Wire Voice Grade Port, Diff Serving Wire Center - 800 Service Term		<u> </u>	UEP96	UEPQZ	1.15	21.29	15.49	2.85	2.67		7 86				
	2-Wire Voice Grade Port terminated in on Megalink or equivalent		<u>ر</u>	UEP96	UEPQ9	1.15	21.29	15.49	2.85	2.87		7 88				
	2-Wire Voice Grade Port Terminated on 800 Service Term		╡		UEPQ2	1.15	21.29	15.49	2.85	2.67		2.86				
Loca	Local Switching		††													
	Centrex Intercom Funtionality, per port		╧	UEP95	URECS	0.8873						7.86				
Loca	Local Number Portability		Ħ							ŀ						
Featu	12	Ť	1	JEP780		0.35										T
	All Standard Features Offered, per port	Π	Í		UEPVF	0.00						7.86				
	All Select Features Untered, per port All Centrex Control Features Offered, per port		Ĩ	UEP96 UEP96	UEPVS	0.0	405.66					7.86				
NARS		Π	 † [†]							T		299. /	Ť			
	Unbundled Network Access Register - Combination Unbundled Network Access Register - Indiat	Ţ	Ť	UEP96 UEP95	UARCX	0.00	8.8	8.8		\prod		7.86				
	Unbundled Network Access Register - Outdial	Π	Ħ		UAROX	0.00	0.00	0.00		T		7.86				
MISC 2-Wir	ellaneous Terminations 15 Trunk Side											3				
	Trunk Side Terminations, each		ĺ	UEP96	CEND6	10.51	<u>82 18</u>	15.82	F2 18			, ,				
											1	B.				

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New line Loss New line Loss New line Loss Loss <thloss< th=""> Loss <thloss< th=""></thloss<></thloss<>	NBUNDLE	UNBUNDLED NETWORK ELEMENTS - Mississippi															
International base of the second shorts with														2			Echibit:
$ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$							•			•		Ser Outer			Incremental Charge -		
New New <th>VTEGORY</th> <th>RATE ELEMENTS</th> <th></th> <th>. '</th> <th></th> <th>nsoc</th> <th></th> <th></th> <th></th> <th></th> <th>·.</th> <th>Submitted Elec per LSR</th> <th>Submitted Manually per LSR</th> <th>Order vs. Electronic- 1st</th> <th>Order vs. Biectronic- Add'i</th> <th></th> <th>manuae svc Order ve. Electronic- Disc Add'</th>	VTEGORY	RATE ELEMENTS		. '		nsoc					·.	Submitted Elec per LSR	Submitted Manually per LSR	Order vs. Electronic- 1st	Order vs. Biectronic- Add'i		manuae svc Order ve. Electronic- Disc Add'
2 Use Use Tat And Evel Goals Forta Source Sour						*	Rec	Nonracu	puing	Nonrecurring) Disconnect			OSS R	ATES (\$)		
2 UEA USBEC 10.3 87.33 86.30 64.66 73.51 3 UEA USBEC 23.31 93.23 96.30 64.66 73.51 1 UEA USBEC 23.31 93.23 56.50 64.66 73.51 2 UEA USBED 23.69 (77.11) 70.03 65.68 77.64 3 UEA USBED 34.77 (77.71) 70.03 65.68 77.64 4 UEA USBED 34.77 (77.71) 70.03 65.68 77.64 4 UEA	-	Unbundled Sub-Loop Feeder Loop, 2 Wire Reverse Battery.	+			╉		First	LPPY	First	Add	SOMEC	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN
3 UEA UBBFC Ra11 62.23 86.30 M4.64 (3.61) 1 UEA UBBFC 23.37 63.23 63.25 64.45 (3.61) 1 UEA UBBFC 23.37 63.23 63.26 94.45 (3.61) 2 UEA UBBFD 21.68 (177) 70.05 63.88 17.744 3 UEA UBBFD 24.16 (177) 70.05 63.88 17.744 4 UEA USBF 21.68 (177) 70.05 63.88 17.744 1 UEA USBF 21.69 (177) 70.05 63.88 17.744 2 UEA USBF 21.69 (177) 70.05 63.88 17.744 3 UEA USBF 24.47 (177) 70.05 63.88 17.744 4 UEA USBF 24.41 (1077) 70.05 63.88 17.744 4 UEA USBF <td>_</td> <td>Votice Grade - Zone 2</td> <td>1</td> <td></td> <td><u>з</u></td> <td>BFC</td> <td>10.39</td> <td>83.23</td> <td>56.50</td> <td>54.45</td> <td>13.51</td> <td></td> <td>15.75</td> <td></td> <td></td> <td></td> <td></td>	_	Votice Grade - Zone 2	1		<u>з</u>	BFC	10.39	83.23	56.50	54.45	13.51		15.75				
4 UEA UBBPC 28.37 92.25 95.90 44.45 13.51 1 UEA USBPD 20.06 107.11 70.03 65.86 17.44 2 UEA USBPD 20.06 107.11 70.03 65.86 17.44 3 UEA USBPD 34.77 107.11 70.03 65.86 17.44 4 UEA USBPD 34.77 107.11 70.03 65.86 17.44 2 UEA USBPE 20.66 107.11 70.03 65.86 17.44 3 UEA USBPE 20.66 107.11 70.03 65.86 17.44 3 UEA USBPE 20.66 107.11 70.03 65.86 17.44 3 UEA USBPE 20.67 107.11 70.03 65.86 17.44 3 UEA USBPE 20.67 107.17 70.03 65.86 17.44 3 UEA USBP	_	Unbundied Sub-Loop Feeder Loop, z wire reware battery, Voice Grade - Zone 3			รก	BFC	18.11	83.23	56.50	54.45	13.51		15.75				
1 UEA 000061		Unbundled Sub-Loop Feeder Loop, 2 Wire Reverse Battery, Voice Grade - Zone 4		4 UEA		RFC.	28.37		5	2 2	12 61						
1 UEA USPFD 21.06 177.1 70.03 62.06 17.64 2 UEA USPFD 28.06 177.1 70.03 62.06 17.64 3 UEA USPFD 34.77 107.71 70.03 62.06 17.64 4 UEA USPFD 34.77 107.71 70.03 62.06 17.64 1 UEA USPFE 34.77 107.71 70.03 62.06 17.64 2 UEA USPFE 34.77 107.71 70.03 62.06 17.64 3 UEA USPFE		Order Coordination For Specified Conversion Time, per LSR		UEA	δ	0SL	5.52	18.19	8-18-	5	19:01		0'/0				
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3 UEA USBPD 34.17 107.11 70.03 66.66 17.34 4 UEA USBPD 34.77 107.71 70.03 66.66 17.34 1 UEA USBPD 34.77 107.71 70.03 66.66 17.34 2 UEA USBPE 34.77 107.71 70.03 66.66 17.64 3 UEA USBPE 34.77 107.71 70.03 66.66 17.64 3 UEA USBPE 34.77 107.71 70.03 66.66 17.64 4 UEA USBPE 34.77 107.71 70.03 66.66 17.64 4 UEA USBPE 34.77 107.71 70.03 66.66 17.64 1 UEA USBPE 34.71 106.46 68.77 56.56 131.13 1 UEA USBPE 74.41 106.46 68.77 76.66 17.64 1 UEA US		Unbundled Sub-Loop Feeder Loop, 4 Wire Ground-Start, Voice Grade - Zone 2			ŝ	BFD	28.06	107.71	70.03	63.68	17.64		15.75				
4 UEA USBFD 34.77 1(771) 70.05 65.86 17.84 1 UEA 00036 34.77 70.03 65.86 17.94 2 UEA USBFE 26.06 177.17 70.03 65.86 17.94 3 UEA USBFE 34.77 107.71 70.03 65.86 17.94 3 UEA USBFE 34.77 107.71 70.03 65.86 17.94 4 UEA USBFE 34.77 107.71 70.03 65.86 131.13 4 UEA USBFE 34.77 107.71 70.03 65.86 131.13 4 UEA USBFE 34.77 107.17 70.03 65.86 131.13 1 UEA USBFE 34.77 106.46 68.73 131.13 2 UDN USBFE 64.74 106.46 68.73 131.13 3 UDN USBFE 64.74 106.46 <t< td=""><td></td><td>Unbundled Sub-Loop Feeder Loop, 4 Wire Ground Start, Voice Grade - Zone 3</td><td></td><td></td><td>SD</td><td>BFD</td><td>34.77</td><td>107.71</td><td>70.03</td><td>63.68</td><td>17 64</td><td></td><td>2 4 4 4 7</td><td></td><td></td><td></td><td></td></t<>		Unbundled Sub-Loop Feeder Loop, 4 Wire Ground Start, Voice Grade - Zone 3			SD	BFD	34.77	107.71	70.03	63.68	17 64		2 4 4 4 7				
0 0		Unbundled Sub-Loop Feeder Loop, 4 Wire Ground-Start, Voice								3.3	5.		0.0				
1 LEA USBFE 21.00 107.71 70.03 65.86 17.64 2 LEA USBFE 34.77 107.71 70.03 65.86 17.64 3 LEA USBFE 34.77 107.71 70.03 65.86 17.64 4 UEA USBFF 34.77 107.71 70.03 65.86 17.64 1 UDN USBFF 34.77 107.71 70.03 65.86 17.64 2 UDN USBFF 41.41 106.46 66.77 55.56 131.13 1 UDN USBFF 41.41 106.46 66.77 55.56 131.13 1 UDN USBFF 41.41 106.46 66.77 55.56 131.13 1 UDN USBFF 41.41 106.46 66.77 55.56 131.13 2 UDN USBFF 41.41 106.46 66.77 55.56 131.13 1 UDN <t< td=""><td></td><td>Order Coordination For Specified Conversion Time, Per LSR</td><td></td><td></td><td>50</td><td>SOSL .</td><td>2.55</td><td>18.19</td><td>50.02</td><td>62.68</td><td>17.64</td><td></td><td>15.75</td><td></td><td></td><td></td><td></td></t<>		Order Coordination For Specified Conversion Time, Per LSR			50	SOSL .	2.55	18.19	50.02	62.68	17.64		15.75				
2 UEA USBFE 34.77 TODA Exelect 17.64 1 UEA USBFE 34.77 107.71 70.03 Exelect 17.64 1 UEA USBFE 34.77 107.71 70.03 Exelect 17.64 1 UEA USBFF 34.77 107.71 70.03 Exelect 131.13 1 UDN USBFF 25.47 106.46 Ex.78 131.13 2 UDN USBFF 25.47 106.46 Ex.78 131.13 1 UDN USBFF 25.47 106.46 Ex.78 131.13 2 UDN USBFF 25.47 106.46 Ex.78 131.13 1 UDC USBF5 25.47 106.46 Ex.78 131.13 2 UDC USBF5 25.47 106.46 Ex.78 131.13 3 UDC USBF5 25.47 106.46 Ex.78 131.13 4		Unbundled Sub-Loop Feeder Loop, 4 Wire Loop-Start, Voice Grade - Zone 1		1 UEA	su	BFE	21.69	107.71	70.03	63.68	17.64		15.75				
3 UEA USBFE 34.77 107.71 70.03 65.66 17.64 1 UEA USBFF 34.77 107.71 70.03 65.66 131.13 1 UEN USBFF 4.77 107.71 70.03 65.66 131.13 1 UDN USBFF 4.74 106.46 66.77 55.56 131.13 1 UDN USBFF 26.77 106.46 66.77 55.56 131.13 1 UDN USBFF 26.77 106.46 66.77 55.56 131.13 1 UDC USBF7 26.47 106.46 66.78 55.56 131.13 1 UDC USBF7 26.47 106.46 66.78 55.56 131.13 1 UDC USBF7 26.47 106.46 66.78 55.56 131.13 2 UDC USBF7 26.47 106.46 66.78 55.56 131.13 1 UDC		Unbundled Sub-Loop Feeder Loop, 4 Wire Loop-Start, Voice Grade - Zone 2			SU	BFE	26.06	107.71	70.03	63.68	17.64		15.75				
4 LEA USRE 34.77 107.71 70.00 83.88 17.64 1 UEA USRF 14.80 166.46 68.78 55.56 131.13 2 UUN USBFF 14.80 106.46 68.78 55.56 131.13 3 UUN USBFF 7.4.10 106.46 68.78 55.56 131.13 1 UUN USBFF 7.4.1 106.46 68.78 55.56 131.13 1 UUN USBF5 2.8.47 106.46 68.78 55.56 131.13 1 UUN USBF5 2.8.47 106.46 68.78 55.56 131.13 1 UUN USBF5 2.8.47 106.46 68.78 55.56 131.13 2 USL USBF6 55.14 101.97 64.29 55.56 131.13 3 UUC USBF6 55.14 101.97 64.29 55.56 131.13 1 USL		Unbundled Sub-Loop Feeder Loop, 4 Wire Loop-Start, Voice Grade - Zone 3			ŝ	BFE	34.77	107.71	70.03	63.68	17 64		45.75				
I UEX DOOR ULL ULL <thull< th=""> ULL <thull< th=""> <thull< th=""> <thull< th=""></thull<></thull<></thull<></thull<>		Sub-Loop Feeder - Per 4-Wire Analog Voice Grade Loop-Start Loop - Zone 4			1	. 11	4 11	107 74	5	5			2				
1 UDM UBBFF 14.60 106.46 68.78 55.36 131.13 1 1 UDN UBBFF 24.71 106.46 68.78 55.36 131.13 1 UDN UDSFF 24.71 106.46 68.78 55.36 131.13 1 UDC USFFS 74.41 106.46 68.78 55.36 131.13 1 UDC USFFS 74.41 106.46 68.78 55.36 131.13 1 UDC USFFS 24.14 106.46 68.78 55.36 131.13 1 UDC USFFS 24.41 106.46 68.78 55.36 131.13 1 UDC USFFS 54.14 106.46 68.78 55.36 131.13 1 USC USFFS 54.14 106.46 68.78 55.36 131.13 1 USC USFFS 54.14 106.46 68.78 55.36 131.13 1		Order Coordination For Specified Conversion Time, Per LSR		П	ŏ	OSL		18.19	3	8.0	to :)		15.75				
3 UDW USBFF Z6/1 U0446 66.78 55.56 131.13 1 UDN USBFF Z6/1 106.46 66.78 55.56 131.13 2 UDC USBFF 7.14 106.46 66.78 55.56 131.13 2 UDC USBF5 7.47 106.46 66.78 55.56 131.13 1 UDC USBF5 7.47 106.46 66.78 55.56 131.13 1 UDC USBF5 7.547 106.46 66.78 55.56 131.13 1 UDC USBF5 7.547 106.46 68.78 55.56 131.13 1 USL USBF6 43.04 101.97 64.28 63.66 171.64 1 USL USBF6 430.04 101.97 64.28 53.14 10.70 1 USL USBF1 5.86 81.27 66.59 53.14 10.70 1 USL US	_	Unbundled Sub-Loop Feeder Loop, 2 Wire ISDN BRI - Zone 1 11 Inhundled Sub-Loop Feeder Loop, 2 Wire ISDN BRI - 7 nrs 2	╋		3	BFF	14.60	106.46	66.78	55.58	131.13		15.75				
4 UDN UDSF 4141 106.46 66.75 131.13 1 UDN UDSF 14.60 16.16 66.76 131.13 2 UDC USFFS 18.78 106.46 66.78 131.13 3 UDC USFFS 25.47 106.46 68.78 55.56 131.13 4 UDC USFFS 55.47 106.46 68.78 55.56 131.13 2 UDC USFFS 55.47 106.46 68.78 55.56 131.13 2 USL USFFG 55.19 101.97 64.29 65.56 131.13 2 USL USFFG 55.04 101.97 64.29 65.66 17.64 1 UC USFF 5.88 84.27 64.59 63.16 10.76 2 UC USFF 5.88 84.27 46.59 53.14 10.70 3 UC USFF 5.81 64.27 65.36		Unbundled Sub-Loop Feeder Loop, 2-Wire ISDN BRI - Zone 3	┥┥		SU SU		25.47	106.46	68.78 68.78	20.00 87.73	131.13		15.75 46 76				
1 UDC USBFS 14.40 06.46 68.78 55.56 131.13 2 UDC USBFS 2.44.0 106.46 68.78 55.56 131.13 4 UDC USBFS 2.54.7 106.46 68.78 55.56 131.13 2 UDC USBFG 55.19 101.97 64.29 55.56 131.13 2 USL USBFG 55.19 101.97 64.29 55.56 131.13 2 USL USBFG 55.19 101.97 64.29 55.56 131.13 4 USL USBFG 55.16 101.97 64.29 55.36 17.64 4 USL USBFH 5.86 84.27 64.59 53.14 10.70 1 UCL USBFH 5.86 84.27 65.56 53.14 10.70 2 UCL USBFH 5.81 64.27 65.56 53.14 10.70 3 UCL US		Unbundled Sub-Loop Feeder Loop, 2-Wire ISDN BRI - Zone 4 Order Crowdination For Snerfied Cronerston Time, Dar 1 SD			38	BFF	41.41	106.46	68.78	55.58	131.13		15.75				
2 UDC USBFG 16.76 16.76 66.76 131.13 1 UUC USBFG 25.47 106.46 66.78 131.13 1 UUC USBFG 55.19 101.97 64.28 55.58 131.13 2 USL USBFG 55.19 101.97 64.28 65.58 131.13 2 USL USBFG 55.19 101.97 64.28 65.58 171.64 1 USL USBFG 100.00 101.97 64.28 65.66 171.64 1 USL USBFG 100.00 101.97 64.28 65.66 171.64 1 UCL USBFH 5.88 84.27 66.36 63.14 10.70 2 UCL USBFH 5.88 84.27 46.59 53.14 10.70 3 UCL USBFH 5.81 64.27 46.59 53.14 10.70 1 UCL USBFH 5.81 64		Unbundled Sub-Loop Feeder, 2 Wire UDC (IDSL compatible)			5 S	BFS	14.60	106.46	68 78	55 58	124 43		16 76				
4 UUC UBBFS 25.47 106.46 66.78 55.69 131.13 1 USC USBFG 55.19 101.97 64.29 65.69 131.13 2 USL USBFG 55.19 101.97 64.29 65.86 17.64 2 USL USBFG 55.19 101.97 64.29 65.86 17.64 4 USL USBFG 430.04 101.97 64.29 65.86 17.64 4 USL USBFH 5.88 84.27 64.59 63.66 17.64 1 UCL USBFH 5.88 84.27 66.59 53.14 10.70 2 UCL USBFH 5.81 84.27 46.59 53.14 10.70 3 UCL USBFH 5.81 84.27 46.59 53.14 10.70 3 UCL USBFH 5.81 84.27 46.59 53.14 10.70 4 UCL USBFH		Unbundled Sub-Loop Feeder, 2 Wire UDC (IDSL compatible)			3	BFS	18.78	106.46	68.78	55.58	131.13		15.75				
1 USE 55.19 100.40 60.42 63.68 131.13 2 USL USBFG 55.19 101.97 64.29 63.68 171.64 2 USL USBFG 400.00 101.97 64.29 63.66 171.64 4 USL USBFG 400.00 101.97 64.29 63.66 171.64 1 UCL USBFH 5.88 84.27 66.39 63.66 171.64 1 UCL USBFH 5.88 84.27 66.39 63.14 10.70 2 UCL USBFH 5.88 84.27 46.59 53.14 10.70 3 UCL USBFH 5.40 64.27 46.59 53.14 10.70 3 UCL USBFH 5.40 64.27 46.59 53.14 10.70 3 UCL USBFH 5.41 10.76 65.90 53.14 10.70 4 UCL USBFH 3.63 <td></td> <td>Unbundled Sub-Loop Feeder, 2 Wire UDC (IUSL compatible)</td> <td>╈</td> <td></td> <td>30 21</td> <td>BFS</td> <td>25.47</td> <td>106.46</td> <td>68.78</td> <td>55.58</td> <td>131.13</td> <td></td> <td>15.75</td> <td></td> <td></td> <td></td> <td></td>		Unbundled Sub-Loop Feeder, 2 Wire UDC (IUSL compatible)	╈		30 21	BFS	25.47	106.46	68.78	55.58	131.13		15.75				
2 USL USL USBFG 100.00 101.97 64.29 63.66 17.64 1 USL USBFG 430.04 101.37 64.29 63.66 17.64 1 USL USBFG 430.04 101.37 64.29 63.66 17.64 1 USL USBFH 5.88 84.27 46.39 63.66 17.64 2 UCL USBFH 5.88 84.27 46.39 53.14 10.70 3 UCL USBFH 5.81 64.27 46.39 53.14 10.70 3 UCL USBFH 5.40 64.27 46.39 53.14 10.70 3 UCL USBFH 3.43 101.59 63.90 59.71 13.67 4 UCL USBFJ 13.46 101.56 63.90 59.71 13.67 4 UCL USBFJ 13.46 101.56 63.90 59.71 13.67 1 UCL USBFJ		Unbundled Sub-Loop Feeder Loop, 4-Wire DS1 - Zone 1		11	ŝ	BFG	55.19	101.97	64.29	83.68	131.13		15.75				
a USB-16 H3.36 111.97 64.29 63.66 17.64 1 USL USBFH 5.80 101.97 64.29 63.66 17.64 1 USL USBFH 5.80 84.27 46.59 63.66 17.64 2 UCL USBFH 5.81 84.27 46.59 63.14 10.70 3 UCL USBFH 5.21 84.27 46.59 53.14 10.70 3 UCL USBFH 5.13 84.27 46.59 53.14 10.70 3 UCL USBFH 5.13 84.27 46.59 53.14 10.70 1 UCL USBFH 3.43 101.58 63.90 59.71 13.67 2 UCL USBFJ 13.46 101.58 63.90 59.71 13.67 4 UCL USBFJ 8.59 101.58 63.90 59.71 13.67 1 UCL USBFJ 8.59		Unbundled Sub-Loop Feeder Loop, 4-Wire DS1 - Zone 2 Unbundled Sub-Loop Feeder Loop, 4-Wire DS1 - Zone 2			S	BFG	100.03	101.97	64.29	63.68	17.64		15.75				
USL OCCSL 16.19		Unbundled Sub-Loop Feeder Loop, 4-Wire DS1 - Zone 4		_		BFG	183.66	101.97	64.29	63.68	17.64		15.75				
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G Loop/Z-Wire Voice Grade Port (Centrex)Port Cambo - 1 UEPB0 13.82 13.82 G Loop/Z-Wire Voice Grade Port (Centrex)Port Cambo - 2 UEPB0 18.80 13.82 1 G Loop/Z-Wire Voice Grade Port (Centrex)Port Cambo - 2 UEPB0 18.80 1 1 1 Geo Grade Loop (SL 1) - Zone 1 3 UEPB0 UECS1 9.41 3 1	G Loop/Z-Wire Voice Grade Port (Centrex)Port Cambo - 1 UEPB0 13.82 1 0 G Loop/Z-Wire Voice Grade Port (Centrex)Port Cambo - 2 UEPB0 18.80 13.82 1 1 G Loop/Z-Wire Voice Grade Port (Centrex)Port Cambo - 2 UEPB0 18.80 34.37 1		2-Wire VG Loop/2-Wire Voice Grade Port (Centrex) Port Combo		1				 									
G Loop/Z-Wire Vace Grade Port (Cantex)Port Cambo 2 UEPeD 18,60 18,60 1 Obe Grade Loop (St. 1) - Zone 1 3 UEPeD UEEPeD 0 34,37 0<	G Loop/2-Wire Voice Grade Port (Cantex)Port Cambo- 2 UEP9D 18,80 18,80 18,90 Geo Grade Loop (SL 1) - Zone 1 3 UEP9D 34,37 34,37 1 1 Geo Grade Loop (SL 1) - Zone 2 2 UEP9D UECS1 8,84 9 1 1 1 Geo Grade Loop (SL 1) - Zone 2 2 UEP9D UECS1 8,84 1 <td></td> <td>-cesigni 2-Wire VG Loop/2-Wire Voice Grade Port (Centrex)Port Combo -</td> <td>T</td> <td>-</td> <td>UEP90</td> <td></td> <td>13.82</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>		-cesigni 2-Wire VG Loop/2-Wire Voice Grade Port (Centrex)Port Combo -	T	-	UEP90		13.82										
Obe Grade Loop (SL 1) - Zone 1 3 UEPBD 34.37 34.37 Obe Grade Loop (SL 1) - Zone 2 1 1 UEPBD UECS1 0.4 Obe Grade Loop (SL 1) - Zone 2 2 UEPBD UECS1 0.4 1 1 Obe Grade Loop (SL 1) - Zone 2 2 UEPBD UECS1 0.4 1 </td <td>Obe Grade Loop (St. 1) - Zone 1 3 UEPBD 34.37 9 9 Obe Grade Loop (St. 1) - Zone 2 1 1 UEPBD UECS1 6.44 9 Obe Grade Loop (St. 1) - Zone 2 2 UEPBD UECS1 6.44 9 9 Obe Grade Loop (St. 1) - Zone 3 3 UEPBD UECS1 14.37 9 9 Obe Grade Loop (St. 1) - Zone 3 3 UEPBD UECS1 30.56 9 9 Obe Grade Loop (St. 2) - Zone 2 2 UEPBD UECS2 17.45 9 9 Obe Grade Loop (St. 2) - Zone 3 3 UEPBD UECS2 17.45 9 9 Obe Grade Loop (St. 2) - Zone 3 3 UEPBD UECS2 33.22 3 9</td> <td></td> <td>Design 2.Whe VG Loon/2-Whe Vnice Grade Port (Centrav)Port Formion</td> <td>1</td> <td></td> <td>UEP9D</td> <td></td> <td>18.60</td> <td></td> <td></td> <td></td> <td>:</td> <td></td> <td></td> <td></td> <td></td> <td></td>	Obe Grade Loop (St. 1) - Zone 1 3 UEPBD 34.37 9 9 Obe Grade Loop (St. 1) - Zone 2 1 1 UEPBD UECS1 6.44 9 Obe Grade Loop (St. 1) - Zone 2 2 UEPBD UECS1 6.44 9 9 Obe Grade Loop (St. 1) - Zone 3 3 UEPBD UECS1 14.37 9 9 Obe Grade Loop (St. 1) - Zone 3 3 UEPBD UECS1 30.56 9 9 Obe Grade Loop (St. 2) - Zone 2 2 UEPBD UECS2 17.45 9 9 Obe Grade Loop (St. 2) - Zone 3 3 UEPBD UECS2 17.45 9 9 Obe Grade Loop (St. 2) - Zone 3 3 UEPBD UECS2 33.22 3 9		Design 2.Whe VG Loon/2-Whe Vnice Grade Port (Centrav)Port Formion	1		UEP9D		18.60				:						
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2 UEPBD UECS1 (4.37) 3 UEPBD UECS1 30.56 1 UEPBD UECS2 30.56 2 UEPBD UECS2 12.67 3 UEPBD UECS2 17.45 3 UEPBD UECS2 33.22	2 UEPBD UECS1 (4.37) 3 UEPBD UECS1 30.59 1 1 UECS2 30.59 2 UEEDD UECS2 12.67 3 UEPBD UECS2 17.45 3 UEPBD UECS2 33.22		2-Wire Voice Grade Loop (SL 1) - Zone 1	T			UECS1	9,64										
3 UEPBU UECS1 30.56 1 1 UEP9D UEC32 12.67 2 UEP3D UEC32 17.45 3 UEP9D UEC32 33.22	3 UEPBU UECS1 30.59 1 <th1< th=""> <th1< th=""> 1 <th< td=""><td></td><td>2-Wire Voice Grade Loop (St. 1) - Zone 2 2-Wire Voice Grade Loop (St. 1) - Zone 2</td><td></td><td>T</td><td></td><td>UECS1</td><td>14.37</td><td></td><td></td><td></td><td></td><td></td><td>98</td><td></td><td></td><td></td></th<></th1<></th1<>		2-Wire Voice Grade Loop (St. 1) - Zone 2 2-Wire Voice Grade Loop (St. 1) - Zone 2		T		UECS1	14.37						98				
1 UECS2 12.67 2 UECS2 17.45 3 UEP90 UECS2	1 UEP9D UECS2 12.67 0 2 UEP9D UECS2 17.45 3 UEP9D UECS2 33.22						UECS1	30.59					. <u>,</u>	8 98				
2 UEP90 UECS2 17.45 3 UEP90 UECS2 33.22	2 UEP90 UECS2 17.45 3 UEP90 UECS2 33.22		2-Wire Volce Grade Loop (SL 2) - Zone 1		1 1		UECS2	12.67										
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]		1	- 1		UECSZ	33.22						2 28				

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CATEGORY RATE ELEMENTS	•	n ten Zo	BCS	C			RATES (\$)			Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LBR	Incremental Charge - Manual Svc Order vs. Electronic- 1st	Incremental Charge - Manual Svc Order vs. Electronic- Add'I	Incremental Charge - Manual Svc Order vs. Electronic- Disc 1st	Incremental Charge - Manual Svc Order va. Electronic- Disc Add'I
			•		Kec K	Nonrecurring First Ad	aurting Add ¹¹	Nonrecurring Disconnect	Disconnect	ROMEC	NAMAN	OSS R	OSS RATES (\$)	NAMOR	COMAN
										2			NT-MOD		NYMOD
UNE Port Rate															
ALL STATES 2-Wire Voice Grade Port (Centrex) Basic Local Area		-	UEP9D	UEPYA	1.15	21.29	15.49	2.85	2.67		7.86				
2-Wire Voice Grade Port (Centrex 800 termination)Bes. Area	iic Local		UEP9D	UEPYB	1.15	21.29	15.49	2.85	2.67		7.86			-	
2-Wire Voice Grade Port (Centrex / EBS-PSET)3Basic Local Area	Local		UEP9D	UEPYC	1.15	21.29	15.49	2.85	2.67		7.86	-		-	
2-Wire Voice Grade Port (Centrex / EBS-M5009)3Basic Local Area	ic Local		UEP9D	UEPYD	1.15	21.29	15.49	2.85	2.67		7.86				
2-Wire Voice Grade Port (Centrex / EBS-M5209)3 Basic Local Area	sic Local		UEP9D	UEPYE	1.15	21.29	15.49	2.85	2.67		7.86				
2-Wire Voice Grade Port (Centrex / EBS-M5112))3 Basic Local Area	asic Local		UEP9D	UEPYF	1.15	21.29	15.49	2.85	2.67		7.86				
2-Wire Voice Grade Port (Centrex / EBS-M5312))3Basic Local Area	sic Local		UEP9D	UEPYG	1.15	21.29	15.49	2.85	2.67		7.86			-	
2-Wire Voice Grade Port (Centrex / EBS-M5008))3 Basic Local Area	asic Local		UEP90	UEPYT	1.15	21.29	15.49	2.85	2.67		7.86				
2-Wire Voice Grade Port (Centrex / EBS-M5208))3 Basic Loca Area	asic Local		UEP9D	UEPYU	1.15	21.29	15.49	2.85	2.67		7.86				
2-Wire Voice Grade Port (Centrex / EBS-M5216))3 Basic Local Area	sic Local		UEPBD	UEPYV	1.15	21.29	15.49	2.85	2.67		7.86				
2-Wire Voice Grade Port (Centrex / EBS-M5316))3 Besic Lot Area	sic Local		UEP9D	UEPY3	1.15	21.29	15.49	2.85	2.67		7.86				
2-Wire Voice Grade Port (Centrex with Caller ID) Basic Area	Cocal		UEP9D	UEPYH	1.15	21.29	15.49	2.85	2.67		7.86				
2-Wire Voice Grade Port (Centrex/Caller ID/Msg Wtg Lamp Indication))3 Basic Local Area	dua	_	UEP90	UEPYW	. 1.15	21.29	15.49	2.85	2.67		7.86				
2-Wre Voice Grade Port (Centrex/Msg Wtg Lamp Indication))3 Basic Local Area	cation))3		UEP9D	UEPYJ	1.15	21.29	15.49	2.85	2.67		7.86				
2-Wre Voice Grade Port (Centrex from diff Serving Wire Center) 2 Basic Local Area	ire Center)		UEP9D	UEPYM	1.15	21.29	15.49	2.85	2.67		7.86				
2-Wire Voice Grade Port (Centrex/differ SWC /EBS-PS Basic Local Area	зеп)2, 3	-	UEP9D	UEPYO	1.15	21.29	15.49	2.85	2.67		98.7				
2-Wire Voice Grade Port (Centrex/differ SWC /EBS-M5009)2, 3 Basic Local Area	5009)2, 3		UEP9D	UEPYP	1.15	21.29	15.49	2.85	2.67		7.86				
2-Wre Voice Grade Port (Centrex/differ SWC /EBS-5209)2, 3 Bastc Local Area	09)2, 3		UEP9D	UEPYQ	1.15	21.29	15.49	2.85	2.67		7.86				
2-Wire Voice Grade Port (Centrex/differ SWC /EBS-M5112)2, 3 Basic Local Area	5112)2, 3		UEP90	UEPYR	1.15	21.29	15.49	2.85	2.67		7.86				
2-Wire Voice Grade Port (Centrex/differ SWC /EBS-M5312)2, 3 Basic Local Area	5312)2, 3		UEP9D	UEPYS	1.15	21.29	15.49	2.85	2.67		7.86				
2-Wire Voice Grade Port (Centrevidiffer SWC /EBS-MK Basic Local Area	5008)2, 3		UEP9D	UEPY4	1.15	21.29	15.49	2.85	2.67		7.86				
2-Wire Voice Grade Port (Centrex/differ SWC /EBS-M5208)2, 3 Basic Local Area	5208)2, 3		UEP9D	UEPY5	1.15	21.29	15.49		2.67		7.86				
2-Wire Vokes Grade Port (Centrex/differ SWC //EBS-M5216)2, 3 Basic Local Area	5216)2, 3		UEP9D	UEPY6	1.15	21.29	15.49		2.67		7.86			-	
2-Wire Voice Grade Port (Centrex/differ SWC /EBS-M6316)2, 3 Bastic Local Area	5316)2, 3		UEP9D	UEPY7	1.15	21.29	15.49		2.67		7.86				
2-Wire Voice Grade Port, Diff Serving Wire Center - 80 Term	00 Service		UEP9D	UEPYZ	1.15	21.29	15.49	2.85	2.67		7.86				
2-Wre Voice Grade Port terminated in on Megalink or equivalent Basic Local Area	equivalent		UEP9D	UEPY9	1.15	21.29	15.49	2.85	2.67		7.86				
2-Wire Voice Grade Port Terminated on 800 Service Te Local Area	em Basic		UEP9D	UEPY2	1.15	21.29	15.49	2.85	2.67		7.86				
AL, KY, LA, MS, SC, & TN Only 2-Wre Voice Grade Port (Centrex)			UEP9D	UEPQA	1.15	21.29	15.49	2.85	2.67		7.86				

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UNBUNDLE	UNBUNDLED NETWORK ELEMENTS - Kentucky								,		-		ŀ		
		-										Attach	Attachment: 2		Exhibit: 8
			-			•		•			Incremer Charne	J.	Incremental In Charge	Incremental I	Incremental
		Interi			•		RATES (\$)					ų	0	ų	Charge - Manual Svc
CALEGOKY	kate elements	E Zone	BCS	nsoc						Elec Man Der LSR ner	Submitted Order va. Manually Electronic ner I SP 1at		Order va. Clectronic-E	Order vs. Electronic-	Order vs. Electronic-
					Rec	Nonracutring	umna -	Nonrecientos	Neconnect		-		┨	-	U18C 400 1
	2.Wire Vrite Grade Port (Centrey 800 territoritor)				1	First		First		SOMEC SOI	SOMAN SOI	SOMAN SOMAN	\vdash	SOMAN	NAMOR
	2-Wire Votos Grade Port (Centrex / EBS-PSET)3		UEPBD		1.15	21.28	15.49	2.85	2.67	┢┤			H		
	2-Wire Voice Grade Port (Centrex / EBS-M5009)3		UEP90	UEPOD	- 1	21.20	10.48	2.85	2.67		7.86				
	2-Wire Voice Grade Port (Centrex / EBS-M5209)3		UEP90	UEPQE	1.15	21.29	15.49	2.85	2.0/		7.06	_			
	2-Wite Voice Grade Port (Centrex / EBS-M5112)3 7 Wite Voice Grade Bort (Centrex / EBS-M5112)3	-	UEP90	UEPQF	1.15	21.29	15.49	2.85	2.67		2.86				T
	2-Wire Voice Grade Port (Centrex / EDS-MD312)3		UEP90	UEPOG	1.15	21.29	15.49	2.85	2.67		7.86				
	2-Wre Voice Grade Port (Centrex / EBS-M5208)3		UEPan		1.15	21.29	15.49	2.85	2.67		7.86				Ī
	2-Wire Voice Grade Port (Centrex / EBS-M5216)3		UEP9D	UEPQV	115	21.29	15.49	2.85	2.67		7.86	-			
	2-Wire Volce Grade Port (Centrex / EBS-M5316)3		UEP9D	UEPQ3	1.15	21.29	15.49	2.85	2.67		- 060 - 1980		╀		T
T	2-Wire Voice Grade Port (Centrex with Caller ID) 2-Wire Voice Grade Port (Centrex/Caller ID/Msn Win I amn	+	UEP9D	UEPQH	1.15	21.29	15.49	2.85	2.67		7.86			-	T
	Indication)3		UEP9D	UEPQW	1.15	21.29	15.49	285	287	-	4 00				
	2-Wire Voice Grade Port (Centrex/Msg Wtg Lamp Indication)3		UEP9D	UEPQJ	1.15	21.29	15.49	2.85	2.67		7.86				
	2-WIE VOUS CHAUS FOIL (CONTRAKTION DIT SCHWIG WIE CONDAY)		UEP9D	UEPOM	1 15	34.30	15.40	38.0	-						
	2-Wire Voice Grade Port (Centrex/differ SWC /EBS-PSET)2, 3		UEP9D	UEPQO	1.15	21.29	15.49	285	2.87		7.86				·
	2-Wire Voice Grade Port (Centrex/differ SWC /EBS-M5009)2, 3		UEP9D	UEPOP	1.15	21.29	15 40	28.0	7 8.7	 					
	2-Wire Voke Grade Port (Centrex/differ SWC /EBS-5209)2, 3		UEP9D	UEPQQ	1.15	21.29	15.49	2.85	2.67		7.86				
	2-Wire Voice Grade Port (Centrex/differ SWC /EBS-M5112)2, 3		UEP9D	UEPQR	1.15	21.29	15.49	2.85	2.67		7 86				
	2-Wire Voice Grade Port (Centrexidifier SWC /EBS-M5312)2, 3		UEP9D	UEPQS	1,15	21.29	15.49	2.85	78.0		8 . 8				
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			UEPBU	UEPQ5	1.15	21.29	15.49	2.85	2.67		7.86				
	2-Wire Voice Grade Port (Centrex/differ SWC /EBS-M5216)2, 3		UEP9D	UEPQ6	1.15	21.29	15.49	2.85	2.67		7.86	· .			
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		Area		Ш П Г		UEPYB	1.15	21.29	15,49	2.85	2.67		7 86				

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Webe UEPEE UEPNI 113 21.29 156.49 2.85 2.87 Model UEPEE UEPGE UEPG UEPG 2.83 2.87 2.87 Model UEPGE UEPG UEPG 2.13 15.64 2.85 2.97 UEPGE UEPGE UEPGA 1.15 2.139 15.64 2.85 2.97 UEPGE UEPGE UEPGA 2.85 2.97 2.97 UEPGE		2-Wire Voice Grade Port (Centrex with Caller ID)1Basic Local Area	· 	UEP9E	ПЕРҮН		21.20	15 40	7 451		_	SOMAN	BOMAN	SOMAN	SOMAN	SOMAN
Model LeFee UEFee UEFee <th< th=""><th></th><th>2-Wire Voice Grade Port (Centrex from diff Serving Wire Center)2 Basic Local Area</th><th></th><th>UEP9E</th><th>UEPYM</th><th>1.15</th><th>21.29</th><th>15.49</th><th>2.85</th><th>2.87</th><th></th><th>90. 1 88. 7</th><th></th><th></th><th>-</th><th></th></th<>		2-Wire Voice Grade Port (Centrex from diff Serving Wire Center)2 Basic Local Area		UEP9E	UEPYM	1.15	21.29	15.49	2.85	2.87		90. 1 88. 7			-	
Model UEPGE UEPGE <th< th=""><th></th><th>2-Wire Voke Grade Port, Diff Serving Wire Center - 800 Service F Term - Basic Local Area</th><th></th><th>UEP9E</th><th>UEPYZ</th><th>1.15</th><th>31.28</th><th>15.49</th><th>2.85</th><th>190</th><th></th><th></th><th>-</th><th></th><th></th><th></th></th<>		2-Wire Voke Grade Port, Diff Serving Wire Center - 800 Service F Term - Basic Local Area		UEP9E	UEPYZ	1.15	31.28	15.49	2.85	190			-			
Image: constraint of the constrated constrated constraint of the constraint of the constraint of		2-Wire Voice Grade Port terminated in on Megalink or equivalent - Basic Local Area		UEP9E	UEPYB		21.30	15.40	2 BC	10.2		8				
Interface UEPBE UEPG0H 116 21.39 154.40 2.85 2.87 Mode UEPBE UEPDE UEPDE UEPDE UEPDE 21.39 154.40 2.85 2.87 Mode UEPBE UEPDE UEPDE UEPDE UEPDE 21.39 15.46 2.85 2.87 Mode UEPBE UEPDE UEPDE UEPDE UEPDE 21.39 15.46 2.85 2.87 UEPBE UEPDE UEPDE UEPDE UEPDE 2.1.39 15.40 2.85 2.87 UEPDE UEPDE UEPDE UEPDE 0.00 0.00 0.00 2.85 2.87 2.87 UEPDE UEPDE UEPDE 0.00		2-Wire Voice Grade Port Terminated on 800 Service Term - Basic Local Area		UEP9E	UEPY2	1.15	21.29	15.49	2.85	2.67		99.7				
Image: Integrate Integrate Integrate Integrate Zitzal Integrate Zitzal Zitzal <th></th> <td>AL, KY, LA, MS, & TN Only 2-Wire Voice Grade Port (Centrex)</td> <th></th> <td>) IEPOE</td> <td></td> <td></td> <td>5</td> <td>1 1</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>		AL, KY, LA, MS, & TN Only 2-Wire Voice Grade Port (Centrex)) IEPOE			5	1 1								
Mode UEPBE UEPOH 116 21.33 15.46 2.67 2.67 Mode UEPDE UEPCE UEPOE UEPOE 21.33 15.46 2.67 2.67 UEPDE UEPDE UEPOE UEPOE 115 21.33 15.46 2.67 2.67 UEPDE UEPDE UEPDE UEPDE 0.00 2.66 2.67 2.67 UEDDE UEPDE UEPDE 0.00 465.66 0.00 2.66 2.67 2.67 UEDDE UEPDE UEPDE 0.00 465.66 0.00 <th></th> <th>2-Wire Voice Grade Port (Centrex 800 termination)</th> <th></th> <th>UEP9E</th> <th>UEPOB</th> <th>1.15</th> <th>21.29</th> <th>15.49</th> <th>2.85</th> <th>2.67</th> <th></th> <th>7.86</th> <th></th> <th></th> <th></th> <th></th>		2-Wire Voice Grade Port (Centrex 800 termination)		UEP9E	UEPOB	1.15	21.29	15.49	2.85	2.67		7.86				
Mine Luence Luence Lience Lience <thlience< th=""> <thlience< th=""> <thlience< th=""></thlience<></thlience<></thlience<>	ŀ	2-Wire Voice Grade Port (Centrex with Caller ID)1 2-Wire Voice Grade Port (Centrex from diff Serving Wire		IUEP9E	UEPOH	1.15	21.29	15.49	2.85	2.67		7.86				
Interpret Uterpret Uterpre Uterpret Uterpret		Center/2 2-Wire Voice Grade Port, Diff Serving Wire Center - 800 Service	+	UEP9E	UEPQM	1.15	21.29	15.49	2.85	2.67		7.86				
Meter LUEPRE UEPRE UEPRE UEPRE UEPRE UEPRE 21:3 15.46 2.65 2.67 1 1 UEPRE UEPCO2 0.8873 1.16 21:3 15.46 2.65 2.67 1 1 UEPRE UEPVE 0.8873 0.0873 16.46 2.66 2.67 1 UEPRE UEPVE 0.000 465.66 0.00 0.00 16.46 2.65 2.67 1 UEPRE UEPVE 0.000 465.66 0.00		Tem	+	UEP9E	UEPOZ	1.15	21.29	15.49	2.85	2.67		7.86				
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$		2-Wire Voice Grade Port terminated in on Megalink or equivalent 2-Wire Voice Grade Port Terminated on 800 Service Term	╉	UEP9E	UEPQ9 UEPQ9	1.15	21.29	15.49 15.40	2.85	2.67		7.86				
I UEPEC URECS 0.8813 I <									3	70.7		99.				
Image:		Centrex Intercom Funtionality, per port		UEP9E	URECS	0.8873										
NEPPE UNPCC 0.35 1 </td <th></th> <td>.ocal Number Portability</td> <th>╞</th> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>8.</td> <td></td> <td></td> <td></td> <td></td>		.ocal Number Portability	╞									8.				
Image: heater betweet		Local Number Portability (1 per port)	+	UEP9E	LNPCC	0.35						7.86				
ILEPBE UEPVC 0.00 466.66 1 1 ILEPBE UEFVC 0.00 0.00 0.00 0.00 1 ILEPBE UARCX 0.00 0.00 0.00 0.00 1 1 ILEPBE UARCX 0.00 0.00 0.00 0.00 1 <th></th> <td>All Standard Features Offered, per port</td> <th>╞┤</th> <td>UEP9E</td> <td>UEPVF</td> <td>0.00</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>7.86</td> <td></td> <td></td> <td></td> <td></td>		All Standard Features Offered, per port	╞┤	UEP9E	UEPVF	0.00						7.86				
IEPE UARCX 0.00 <t< td=""><th></th><td>All Select Features Offered, per port All Centrex Control Features Offered, per port</td><th>,</th><td>UEP9E</td><td>UEPVS</td><td>0.00</td><td>405.66</td><td></td><td></td><td></td><td></td><td>7.86</td><td></td><td></td><td></td><td></td></t<>		All Select Features Offered, per port All Centrex Control Features Offered, per port	,	UEP9E	UEPVS	0.00	405.66					7.86				
ILEPEE ULMRCX 0.00		WRS	╞┼		i							8.	1			
NEPPE URXX 0.00 <t< th=""><th></th><th>Unbundled Network Access Register - Combination</th><th>╀</th><th>UEP9E</th><th>UARCX</th><th>80</th><th>000</th><th>0.00</th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th></t<>		Unbundled Network Access Register - Combination	╀	UEP9E	UARCX	80	000	0.00								
No UEP9E CEND6 T0.51 92.16 15.82 52.16 5.30 UEP9E MHDO 74.77 74.77 74.76 77.74 60.69 3.86 UEP9E MHDO 0.00 15.06 77.74 60.69 3.86 UEP9E MHDO 0.00 15.06 77.74 60.69 3.86 UEP9E MGBIC 28.11 16.069 3.86 77.74 60.69 3.86 UEP9E MGBIC 28.11 16.069 3.86 77.74 60.69 3.86 UEP9E MGBIC 28.11 16.069 3.86 77.74 60.69 3.86 UEP9E MGBIC 0.01 0 0 15.00 16.00 17.74 60.69 3.86 UEP9E MGBIC 0.02 0.02 2.81 0.65 16.00 17.74 16.06 17.74 16.06 17.74 16.06 17.74 16.06 17.74 16.06 16.06 16.06		Unbundled Network Access Register - Outdial	┼╂	UEP9E	UAROX	80.0	0.0	0.00								
New UEPPE CEND6 10.51 92.16 15.82 52.16 5.30 N UEPPE MHDO 74.77 164.86 77.74 60.69 3.86 UEPPE MHDO 0.00 15.06 77.74 60.69 3.86 UEPPE MGBK 28.11 0.01 15.06 77.74 60.69 3.86 UEPPE MGBM 0.01 0.01 15.06 77.74 60.69 3.86 UEPPE MGBM 0.01 0.01 0.01 16.06 77.74 60.69 3.86 UEPPE MGBM 0.01 0.01 0.01 17.04 60.69 3.86 UEPPE MGBM 0.01 0.02 0.02 17.04 60.69 3.86 UEPE UEPE MGBM 0.02 0.82 0.82 17.04 10.69 10.69 U UEPE 1PQWP 0.62 0.62 10.62 10.62 10.62 10.62 10.62		-Wire Trunk Side														
UEPE MiHD1 74.77 164.86 77.74 60.69 3.86 UEPEE MiHD0 0.00 15.00 15.00 3.86 3.86 UEPEE MiEDC 29.11 0.01 15.00 15.00 3.86 Bevici- UEPEE MiGBM 0.01 0.01 10.01 10.01 Bevici- UEPEE MiGBM 0.01 0.01 10.01 10.01 Bevici- UEPEE MiGBM 0.01 0.01 10		Trunk Side Terminations, each	$\left \right $	UEP9E	CEND6	10.51	92.18	15.82	52.16	5.30		7.86				
UEPBE MIHDO 0.00 15.08		DS1 Circuit Terminations, each	┼╢	UEP9E	M1HD1	74.77	164.86	77.74	60.69	3.86		7 88				
UEPEE MGBC 28.11 U 0 </th <th></th> <th>DS0 Channel Activated Per Channel</th> <th>╈</th> <th>UEP9E</th> <th>M1HDO</th> <th>0.00</th> <th>15.09</th> <th></th> <th></th> <th></th> <th></th> <th>7.86</th> <th></th> <th></th> <th></th> <th></th>		DS0 Channel Activated Per Channel	╈	UEP9E	M1HDO	0.00	15.09					7.86				
Bervice UEPPE MicIBM 0.01 0 1 UEPPE IPOWS 0.62 1 1 Sid UEPPE IPOWS 0.62 1 1 1 00 UEPPE IPOWS 0.62 1 1 1 1 01 UEPPE IPOWP 0.62 1 1 1 1 02 UEPPE IPOWP 0.62 1		Interoffice Channel Facilities Termination	╎	UEP9E	MIGBC	29.11					1	7 86				
No. UEPE IPQWS 0.62 No. No. No. 00 UEPE IPQWS 0.62 No. No		Interomice Channel mileage, per mile or fraction of mile eature Activations (DS0) Centrex Loops on Channelized DS1 Service	╉	UEP9E	MIGBM	0.01						7.86				
Norm Norm <th< th=""><th></th><th>M Channel Bank Feature Activations</th><th>╞┼</th><th></th><th></th><th></th><th></th><th></th><th></th><th>•</th><th></th><th></th><th></th><th></th><th></th><th></th></th<>		M Channel Bank Feature Activations	╞┼							•						
Side UEPBE IPQWF 0.62 IPQWF 0.62 00 UEPBE IPQW7 0.62 IPQW7 0.62 1 UEPBE IPQW7 0.62 IPQW7 0.62 1 UEPBE IPQW7 0.62 IPQW7 0.62 5id UEPBE IPQW7 0.62 IPQW7 0.62 0 UEPBE IPQWA 0.62 IPQW7 0.62 0 UEPBE IPQWA 0.62 IPQW7 0.62			- -	UEPAE	IPQWS	0.62						7.86				
UEPEE IPQW7 0.62 UEPEE 1PQWP 0.62 Stot UEPEE 1PQWV UEPEE 1PQWV 0.62 UEPEE 1PQWV 0.62 UEPEE 1PQWA 0.62 UEPEE 1PQWA 0.62	T	Feature Activation on D-4 Channel Bank FX line Side Loop Slot Feature Activation on D-4 Channel Bank FX Trunk Side Loop	+	UEP9E	1PQW6	0.62			.			7.86				
UEPGE IPOWP 0.62 IPOW 0 Stat UEPGE IPOWV 0.62 IPOWV IPOWV OP UEPGE IPOWV 0.62 IPOWV IPOWV IPOWV OP UEPGE IPOWV 0.62 IPOWV IPOWV IPOWV		Sidt Fasting Arthonion on D.4 Channel Bank Castron I non Side		UEP9E	1PQW7	0.62						7.86				
Side LEPBE IPQMV 0.62 IPQM <		Different Wire Center		UEP9E	1PQWP	0.62			۰.			7 86				1.
op UEP9E IPOWA 0.62 0.62 0.62 0.62 0.62 0.62 0.62 0.62		Feature Activation on D-4 Channel Bank Private Line Loop Stot	-	UEP9E	1PQWV	0.62						8				
		Feature Activation on D-4 Channel Bank Tjie Line/Trunk Loop Siot		UEP9E	1PQWQ	0.62	 		Ī	T		00',				
		Feature Activetion on D-4 Channel Bank WATS Loop Slot	┝╋	UEP9E	1PQWA	0.62					ŀ	7.86				
			-				H I					3				

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UNBUNDLED NETWORK ELEMENTS - Kentucky													6		
		ŀ										<	Attachment: 2		Exhibit:
CATEGORY RATE ELEMENTS	- 2	Zone	ĩ	. OSU			RATE8 (\$)	•		Svc Order Submitted	Svc Order Submitted	Incremental Charge - Manual Svc Order vs.		Incremental Charge - Manual Svc Order vs.	Incremental Charge - Manual Svc Order vs.
	E						•			Elec Per LSR	Manually per LSR	Electronic- 1st	Electronic- Add'i	Electronic- Disc 1st	Electronic- Disc Add'
			•		Rec	Nonrecurring	Bujur	Nonrecurrin	Nonrecurring Disconnect			OSS F	OSS RATES (\$)		
NRC Conversion Currently Combined Switch-As-Is with allowed		+-							Mad	SOMEC	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN
Changes, per port		<u>= </u>		USAC2		0.102	0.102				7.86				
New Centrex Standard Common Block			UEPOE	MIACS	80	CR.BL	8.32	111 05							
New Centrex Customized Common Block				MIACC	000	669 RU	78.32	111.55	13.21		997				
NAR Establishment Charge, Per Occasion				URECA	0.00	72.75	10.04	8			7 86				
											3				
UNE-P CENTREX - DCO - Valid in AL, KY, LA, MS, & TN) 2-Wire VG Loon/2-Wire Voice Grade Port (Centrex) Combo		╈													
UNE Port/Loop Combination Rates (Non-Design)															
2-Wife VG Loop/2-Wife Voice Grade Port (Centrex) Port Combo - Non-Design		-	UEP83		10.79		-								
2-Wire VG Loop/2-Wire Voice Grade Port (Centrex)Port Combo - Non-Desirin															
2-Wire VG Loop/2-Wire Voice Grade Port (Centrex)Port Combo -			EF83		15.52										
Non-Design		0 0	UEP93		31.74										
UNE PortLoop Combination Rates (Design)		\dagger													
2-Wire VG Loop/2-Wire Voice Grade Port (Centrex) Port Combo		. .													
2-Wire VG Loop/2-Wire Voice Grade Port (Centrex)Port Combo -		-	UEP93		13.82										
Design		2	UEP93		18.60										
2-Wife Vid Loop/2-Wife Voice Grade Port (Centrex)Port Combo - Desion		. = e						· .							
			8		10.40					:					
UNE Loop Rate															
2-Wire Voice Grade Loop (SL 1) - Zone 2			UEP93		9.64										
2-Wire Voice Grade Loop (SL 1) - Zone 3		5		UECSI	30.59										
2.Wire Voire Grada non (S) 2) - 7.ma 4	T														
2-Wire Voice Grade Loop (SL 2) - Zone 2			UEP83	UECS2	12.67										
2-Wire Voice Grade Loop (SL 2) - Zone 3		5		UECS2	33.22										
11NF Port Bate															
AL, KY, LA, MS, & TN only	.	╀													
2-Wire Voice Grade Port (Centrex) Basic Local Area		P	UEP93	UEPYA	1.15	21.29	15.49	2.85	2.67		7 86				
			UEP83		1.15	2 2	15.40		10						
2-Wire Voice Grade Port (Centrex with Celler ID) 1Basic Local Area								3	707		8				
2-Wire Voice Grade Port (Centrex from diff Serving Wire	T	1		CELTH	1.15	21.29	15.49	2.85	2.67		7.86				
Center)2 Basic Local Area 2-Wire Vicita Grada Port Diff Sawinn Wire Cantar - 800 Savies		퀴	UEP93	UEPYM	1.15	21.29	15.49	2.85	2.67		7.86				
Term - Basic Local Area		5	UEP83	UEPYZ	1.15	21.29	15.49	AB C	5						
2-Wire Voice Grade Port terminated in on Megalink or equivalent - Basic I ocal Ane			Enco					3	707		/ 88				
2-Wire Voice Grade Port Terminated on 800 Service Term -				UEPY8	1.15	21.29	15.49	2.85	2.67		7.86				-
Basic Local Area 2. Wire Vivies Grade Ded (Cantery)	+	5		UEPY2	1.15	21.29	15.49	2.85			7 86				
2-Wire Voice Grade Port (Centrex) 2-Wire Voice Grade Port (Centrex 800 termination)	\dagger	5 3	UEP93	UEPOA	1.15	21.29	15.49	2.85	2.67		7.86				
2-Wire Voice Grade Port (Centrex with Caller ID)1					1.15	21.29	15.49	2.85			7.86				
2-Wire Voice Grade Port (Centrex from diff Serving Wire					2	67117	Rt-Cl	8			7.86				
2-Wire Voice Grade Port, Diff Serving Wire Center - 800 Service	†	<u>۲</u>		UEPQM	1.15	21.29	15.49	2.85	2.67		7.86				
Term		5	UEP93	UEPQZ	1.15	21.29	15.49	2.85	2 R7		200				
•											8			1	

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N N	NDLED NETM	UNBUNDLED NETWORK ELEMENTS - Kentucky											Ŧ	Attachment: 2		Exhibit: B
													Incremental	Incremental	Incremental	Incremental
														Charge -	Charge -	
	•						-	RATES (\$)	,				Manual Svc	Manual Svc	Manual Svc	-
CATE	CATEGORY	RATE ELEMENTS	Inter Zone	BCS	USOC						8	_	Order va	Order vs	Order va.	Order vs.
			E								Der LSR	Der LSR	1st	Add'	Clac 1st	Diac Add'
					•			 .								
							First A	Ę	Nonrecurring Disconnect First Add'	Disconnect	SOMEC	SOMAN	OSS R	OSS RATES (1) AN SOMAN	SOMAN	SOMAN
	2-Wire Vc	2. Wire Voice Grade Port terminated in on Megalink or equivalent		UEP93	UEPQ9	1.15	21.29	15.40	2.65	2.67		7.86				
	2-Wire Vi	2-Wire Voice Grade Port Terminated on 800 Service Term		UEP93	UEP02	1.15	21.29	15.49	2.85	2.67		7.86				
	Centrex In	wittening Centrex Intercom Funtionality, per port		UEP93	URECS	0.8673					ľ	7.86				
	Local Number Portability	umber Portability			I NICC	0.35			-				-			
	Features	UNDER FOR MUNITY I PER PORT	+		2220	~~~~					ľ					
	Al Stand	All Standard Features Offered, per port		UEP93	UEPVF	0.00						7.86	·			
	AI Centr	rex Control Features Unered, per port		UEP83	UEFAC	00-00						98; /				
	NARS	Lat Material Assess Devision Combination		116003												
		led Network Access Register - Kottal		UEP83	UARIX	380	300	38				T	1			
	Unbundie	Unbundied Network Access Register - Outdial		UEP93	UAROX	0.00	0.00	0.00								
	Miscellaneous Terminations	Terminations														
	2-Wire Trunk Side	Trunk Skie Trunk Skie Taminatione aach		LIEPQ3	CENDA	10.61	07 19	15 BC	£3 18	100 3		20 2				
	4-Wire Digital (1.544 Megabita)	1.544 Megabita)					2		2	20.0		3				
	DS1 Cha	DS1 Circuit Terminations, each		UEP93	M1HD1	74.77	164.86	77.74	60.69	3.86		7.86				
	DS0 Cha	DS0 Channels Activated, Per Channel	+	UEP93	OdHIM	0.0	15.09					7.86				
	Interoffice	se Channel Facilities Termination		UEP93	MIGBC	29.11						7.86				
	Interoffice	Interoffice Channel mileage, per mile or fraction of mile		UEP93	MIGBM	0.01						7.86				
	Feature Activation	Feature Activations (DS0) Centrax Loops on Channelized DS1 Service							T							
	Feature /	Feature Activation on D-4 Channel Bank Centrex Loop Slot		UEP93	1PQWS	0.62						7 86				
	Feature /	Feature Activation on D-4 Channel Bank FX Line Side Loop Sid		UEP83	1PQW6	300						7.86				
	Feature /	Activation on D-4 Channel Bank FX Trunk Side Loop		UEP93	1PQW7	0.62						7 86				
	Feature / Different	Feature Activation on D-4 Channel Bank Centrex Loop Slot - Different Wire Center		UEP93	1PQWP	0.62				·		98 ×				-
	Feature /	Activation on D-4 Channel Bank Private Line Loop Stot		UEP83	1POWV	29.0						2 g				
	Feature /	Feature Activation on D-4 Channel Bank Tie Line/Trunk Loop										8				
	Feature /	Feature Activition on D-4 Channel Bank WATS Lond Slot		UEPad		0.62	+	.	1			8.2				
						20.0						8.				
	Non-Recurring (Non-Recurring Charges (NRC) Associated with UNE-P Centrex														
	NRC Cor changes.	NRC Conversion Currently Combined Switch-As-Is with allowed		UEP93	USAC2		0.107	0.100				1				
	Conversit	Conversion of Existing Centrex Common Block, each		UEP93	USACN		18.95	8.32				7.86				
	New Cen	New Centrex Standard Common Block	+	UEP93	MIACS	0.0	669.80	78.32	111.05	13.27		7.86				
	NAR Fats	tillex customized common proce ahlishment Chame. Per Occesion		UEP83	MIACC	8.0	069.80	78.32	111.05	13.27		7.86				
				2		2	61.71					1.88				
	Note: Rates dis	Note: Rates displaying an "R" in interim column are interim and subject to rate true-up as set for	olect to rate	true-up as set forth In	General Term	General Terms and Conditions.										
	Note 1 - Require	ad Port for Centrex Control In 1AESS, 3ESS & EVISU as interoffice Channel Mileage														
	Note 3 - Require	es Specific Customer Premises Equipment														
													 .].

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ATTACHMENT B

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Issue Number	Position of the Parties
1. Line Sharing	Covad: Because BellSouth is obliged to provide access to line sharing under 47
	U.S.C. § 271, Covad proposes the same
	access requirements set-forth in the Parties
	current IA, with modifications to the
	pricing consistent with the FCC's TRO
	guidance. BellSouth's proposed TRO
	amendment improperly relies on the
	transitional pricing set-forth by the FCC
	under its 201 and 202 authority and fails to
	address line sharing ordering after October
	2004. However, the just and reasonable
	standard under 201 and 202, and not the
	FCC's transitional pricing, applies to the
	access requirements for line sharing under
	Section 271. Because BellSouth is obliged
	to offer line sharing under Section 271, the
	proper 201 and 202 pricing is the just and
	reasonable rate, not the transitional rate
	identified by the FCC. In most instances,
	the just and reasonable rate will be lower
	than the rates proposed by BellSouth in its
	December 4, 2003 IA amendment. Because
	the access requirements have not changed,
	Covad is not proposing any change to the
	existing IA regarding access to line sharing
	apart from the introductory language in
	Attachment 2.
	BellSouth: BellSouth's position, pursuant
	to the clear language of our contract, is that
	this petition results from the application of
	the "change in law" provisions in Covad's
	current interconnection agreement, and is
	not an arbitration petition within the
	meaning of 47 U.S.C. § 252. BellSouth has
	previously stated its position publicly that it
	has no obligation under 47 U.S.C. §271 to
	provide line sharing. Moreover, even if
	such an obligation did exist, and if, as
	Covad suggests, the appropriate standard
	for determining the rates for such an

obligation is that the rates must be "just and
reasonable" under 47 U.S.C. §§ 201 and
202, only the FCC would have jurisdiction
to review such rates.

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ATTACHMENT C PROPOSED AMENDMENTS

New language is underlined

Deleted language is crossed through

Covad Proposed Amendments to Attachment 2

- 1.1. This Attachment sets forth the unbundled network elements and combinations of unbundled network elements that BellSouth agrees to offer to Covad in accordance with its obligations under Section 251(c)(3) of the Act. <u>This Attachment also sets-forth the High Frequency Portion of the Loop (HFPL) that BellSouth agrees to offer to Covad on an unbundled basis in accordance with its obligations under Section 271 of the Act beginning October 1, 2004. The specific terms and conditions that apply to the unbundled network elements are described below in this Attachment 2. The price for each unbundled network element and combination of unbundled Network Elements are set forth in Exhibit C of this Agreement.</u>
- 1.2. For purposes of this Agreement, "Network Element" is defined to mean a facility or equipment provided by BellSouth on an unbundled basis as is used by the CLEC in the provision of a telecommunications service. These unbundled network elements will be consistent with the requirements of the FCC 319 rule. <u>The provision of the HFPL, as a Network Element, under Section 271 of the Act is addressed in section 2.11 et seq. of this Agreement.</u> For purposes of this Agreement, combinations of Network Elements shall be referred to as "Combinations."

Covad Proposed Amendments to Exhibit C

[A set of spreadsheets outlining Covad's proposed 271 pricing for line sharing is attached

hereto as Exhibit 1]

BellSouth Proposed Amendments to Attachment 2

[Note: BellSouth proposed changes based on its template IA, not Covad's current

Interconnection Agreement, thereby essentially striking out the similar sections of

Attachment 2 and replacing them entirely. For ease of reading, no underlining is used to

denote new language as it is essentially all new. BellSouth's proposed language largely

replaces sections 2.11.2 through 2.11.4.2 of the Parties' current Interconnection Agreement.]

- 3. Line Sharing
- 3.1 General
- 3.1.1 Line Sharing is defined as the process by which <<customer_short_name>> 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 <<customer_short_name>> 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 <<customer_short_name>>. 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, <customer_short_name>> 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, <customer_short_name>> 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 <<customer_short_name>>, 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 <<customer_short_name>> 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. <<customer_short_name>> shall only use xDSL technology that is within the PSD mask for Spectrum Management Class 5 as found in the abovementioned document.

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 <<customer_short_name>> 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 <<customer_short_name>> requests that BellSouth modify a Loop and such modification significantly degrades the voice services on the Loop, <<customer_short_name>> shall pay for the Loop to be restored to its original state.

3.1.9

3.1.7

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 <<customer_short_name>> desires to continue providing xDSL service on such Loop, <<customer short name>> shall be required to purchase a full stand-alone Loop UNE. To the extent commercially practicable, BellSouth shall give <<customer_short_name>> notice in a reasonable time prior to disconnect, which notice shall give <<customer_short_name>> 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 <<customer short name>> purchases the full stand-alone Loop, <<customer_short_name>> may elect the type of Loop it will purchase. <<customer_short_name>> will pay the appropriate recurring and nonrecurring rates for such Loop as set forth in Exhibit A to this Attachment. In the event <<customer short name>> purchases a voice grade Loop, <<customer_short_name>> acknowledges that such Loop may not remain xDSL compatible.

3.1.10 If <<customer_short_name>> reports a trouble on the High Frequency Spectrum of a Loop and no trouble actually exists on the BellSouth portion, BellSouth will charge <<customer_short_name>> 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 <<customer_short_name>> with access to the High Frequency Spectrum as follows:
- 3.2.1.1 To order High Frequency Spectrum on a particular Loop, <<customer_short_name>> 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 <customer_short_name>> 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
 <<customer_short_name>>'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 <<customer_short_name>> in a central office in which <<customer_short_name>> is located, <<customer_short_name>> shall be entitled to order the High Frequency Spectrum on lines served out of that central office. BellSouth will bill and <<customer_short_name>> shall pay the electronic or manual ordering charges as applicable when <<customer_short_name>> 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 <<customer_short_name>>'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 <<customer_short_name>> access to data ports on the splitter. The splitter will route the High Frequency Spectrum on the circuit to <<customer_short_name>>'s xDSL equipment in <<customer_short_name>>'s collocation space. At least thirty (30) calendar days before making a change in splitter suppliers, BellSouth will provide <<customer_short_name>> with a carrier notification letter, informing <<customer_short_name>> of change. <<customer_short_name>> 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. <<customer_short_name>> 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 <<customer_short_name>>'s collocation area, if possible; or (ii) in a BellSouth relay rack as close to <<customer_short_name>>'s DS0 termination point as possible. <<customer_short_name>> 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 <<customer_short_name>> 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 <<customer_short_name>> DS0 at such time that a <<customer_short_name>> End User's service is established.

- 3.4 CLEC Provided Splitter Line Sharing
- 3.4.2 Any splitters installed by <<customer_short_name>> in its collocation arrangement shall comply with ANSI T1.413, Annex E, or any future ANSI splitter Standards. <<customer_short_name>> 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 <customer_short_name>> 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 <<customer_short_name>> 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 <<customer_short_name>> access to Preordering LMU in accordance with the terms of this Agreement. BellSouth shall bill and <<customer_short_name>> shall pay the rates for such services, as described in Exhibit A.
- 3.6 Maintenance and Repair Line Sharing
- 3.6.1 <customer_short_name>> shall have access for repair and maintenance purposes to any Loop for which it has access to the High Frequency Spectrum. If <customer_short_name>> is using a BellSouth owned splitter, <customer_short_name>> 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 <customer_short_name>> 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. <<customer_short_name>> will be responsible for repairing data services. Each Party will be responsible for maintaining its own equipment.

- 3.6.3 <customer_short_name>> shall inform its End Users to direct data problems to
 <<customer_short_name>>, 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 <<customer_short_name>>, BellSouth will notify <<customer_short_name>>. <<customer_short_name>> 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, <<customer_short_name>> 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 <<customer_short_name>>'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.

BellSouth Proposed Amendments to Exhibit C

[A set of spreadsheets outlining BellSouth's proposed pricing for line sharing is attached

hereto as Exhibit 2]

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Version 3Q03: 11/12/2003

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Attachment 2, Exhibit C

	Agreement
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	Amendment to

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Exhibit: A

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