ⓐ *BELL*SOUTH

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Guy M. Hicks
General Counsel

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January 30, 2001

Mr. David Waddell
Executive Secretary
Tennessee Regulatory Authority
460 James Robertson Parkway
Nashville, Tennessee 37243-0505

Re: *Approval of the Interconnection Agreement Negotiated by BellSouth Telecommunications, Inc. and Knology of Tennessee, Inc. Pursuant to Sections 251 and 252 of the Telecommunications Act of 1996*
Docket No. O1-60105

Dear Mr. Waddell:

Pursuant to Section 252(e) of the Telecommunications Act of 1996, Knology of Tennessee, Inc. and BellSouth Telecommunications, Inc. are hereby submitting to the Tennessee Regulatory Authority the original and thirteen copies of the attached Petition for Approval of the Interconnection Agreement dated September 9, 2000.

Thank you for your attention to this matter.

Sincerely yours,

Guy M. Hicks

cc: Chad Wachter, Esq., Knology Holdings, Inc.
Walt Sapronov, Esq., Gerry, Friend & Sapronov, LLP

#242097

BEFORE THE TENNESSEE REGULATORY AUTHORITY
Nashville, Tennessee

In re: *Approval of the Interconnection Agreement Negotiated by BellSouth Telecommunications, Inc. and Knology of Tennessee, Inc. Pursuant to Sections 251 and 252 of the Telecommunications Act of 1996*

Docket No. _01-00105_

PETITION FOR APPROVAL OF THE INTERCONNECTION AGREEMENT NEGOTIATED BETWEEN BELLSOUTH TELECOMMUNICATIONS, INC. AND KNOLOGY OF TENNESSEE, INC. PURSUANT TO THE TELECOMMUNICATIONS ACT OF 1996

COME NOW, Knology of Tennessee, Inc. ("Knology") and BellSouth Telecommunications, Inc., ("BellSouth"), and file this request for approval of the Interconnection Agreement (the "Agreement") negotiated between the two companies pursuant to Sections 251 and 252 of the Telecommunications Act of 1996, (the "Act"). In support of their request, Knology and BellSouth state the following:

1.   Knology and BellSouth have recently negotiated an agreement for interconnection of their networks, the unbundling of specific network elements offered by BellSouth and the resale of BellSouth's telecommunications services to Knology. A copy of the Agreement is attached hereto and incorporated herein by reference.

2.   Pursuant to Section 252(e) of the Telecommunications Act of 1996, Knology and BellSouth are submitting their Agreement to the TRA for its consideration and approval.

3.   In accordance with Section 252(e) of the Act, the TRA is charged with approving or rejecting the negotiated Agreement between BellSouth and Knology within 90 days of its submission. The Act provides that the TRA may only reject such an agreement if it finds that the agreement or any portion of the agreement discriminates against a telecommunications carrier

not a party to the agreement or the implementation of the agreement or any portion of the agreement is not consistent with the public interest, convenience and necessity.

4. Knology and BellSouth aver that the Agreement is consistent with the standards for approval.

5. Pursuant to Section 252(i) of the Act, BellSouth shall make the Agreement available upon the same terms and conditions contained therein.

Knology and BellSouth respectfully request that the TRA approve the Agreement negotiated between the parties.

This 3rd day of Jan., 2001.

Respectfully submitted,

BELLSOUTH TELECOMMUNICATIONS, INC.

By:
Guy M. Hicks
333 Commerce Street, Suite 2101
Nashville, Tennessee 37201-3300
(615) 214-6301
Attorney for BellSouth

CERTIFICATE OF SERVICE

I, Guy M. Hicks, hereby certify that I have served a copy of the foregoing Petition for Approval of the Interconnection Agreement on the following via United States Mail on the 3ᵣ day of Ꮬ , 2001.

Chad Wachter, Esq.
Vice President & General Counsel
Knology Holdings, Inc.
1201 O.G. Skinner Drive
West Point, Georgia 31833

Walt Sapronov, Esq.
Gerry, Friend & Sapronov, LLP
Three Ravinia Drive, Suite 1450
Atlanta, GA 30346

Guy M. Hicks

AGREEMENT
BETWEEN
BELLSOUTH TELECOMMUNICATIONS INC.
AND
KNOLOGY OF ALABAMA, INC.
KNOLOGY OF FLORIDA, INC.
KNOLOGY OF GEORGIA, INC.
KNOLOGY OF KENTUCKY, INC.
KNOLOGY OF NORTH CAROLINA, INC.
KNOLOGY OF SOUTH CAROLINA, INC.
KNOLOGY OF TENNESSEE, INC.

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AGREEMENT

THIS AGREEMENT is made by and between BellSouth Telecommunications, Inc., ("BellSouth"), a Georgia corporation, and Knology of Alabama, Inc., Knology of Florida, Inc., Knology of Georgia, Inc., Knology of Kentucky, Inc., Knology of North Carolina, Inc., Knology of South Carolina, Inc., and Knology of Tennessee, Inc., Delaware corporations (Hereinafter collectively referred to as "Knology"). This Agreement shall be deemed effective as of September 9, 2000. This Agreement may refer to either BellSouth or Knology 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, Knology of Alabama, Inc. is or seeks to become a competitive local exchange telecommunications company ("CLEC") authorized to provide telecommunications services in the State of Alabama; Knology of Florida, Inc. is or seeks to become a CLEC authorized to provide telecommunications services in the State of Florida; Knology of Georgia, Inc. is or seeks to become a CLEC authorized to provide telecommunications services in the State of Georgia; Knology of Kentucky, Inc. is or seeks to become a CLEC authorized to provide telecommunications services in the State of Kentucky; Knology of North Carolina, Inc. is or seeks to become a CLEC authorized to provide telecommunications services in the State of North Carolina; Knology of South Carolina, Inc. is or seeks to become a CLEC authorized to provide telecommunications services in the State of South Carolina; and Knology of Tennessee, Inc. is or seeks to become a CLEC authorized to provide telecommunications services in the State of Tennessee; and

WHEREAS, the Parties wish to resell BellSouth's telecommunications services and/or interconnect their facilities, purchase network elements and other services, and exchange traffic specifically for the purposes of fulfilling their respective obligations pursuant to sections 251 and 252 of the Telecommunications Act of 1996 ("the Act").

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

1. Purpose

The Parties agree that the rates, terms and conditions contained within this Agreement, including all Attachments, comply and conform with each Parties' obligations under sections 251 and 252 of the Act. The resale, access and interconnection obligations contained herein enable Knology to provide competing local exchange service to residential and business subscribers within the territory of BellSouth. The Parties agree that Knology will not be considered to have offered telecommunications services to the public in any state within BellSouth's region until

such time as it has ordered services for resale or interconnection facilities for the purposes of providing business and/or residential local exchange service to customers.

2.   Term of the Agreement

2.1   The term of this Agreement shall be two (2) years, beginning on the Effective Date and shall apply to the State(s) of Alabama, Florida, Georgia, Kentucky, Louisiana, Mississippi, North Carolina, South Carolina and Tennessee. If as of the expiration of this Agreement, a Subsequent Agreement (as defined in Section 2.2 below) has not been executed by the Parties, 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.

2.2   The Parties agree that, by no later than one hundred and eighty (180) days prior to the expiration of this Agreement, they shall commence negotiations with regard to the terms, conditions and prices of resale, access to network elements and/or local interconnection to be effective beginning on the expiration date of this Agreement ("Subsequent Agreement"), which Subsequent Agreement will be for a term of at least two (2) years.

2.3   If, within one hundred and thirty-five (135) days after commencing the negotiation referred to in Section 2.2 above, the Parties are unable to satisfactorily negotiate new resale, access to network elements and/or local interconnection terms, conditions and prices, either Party may petition the Commission for arbitration to establish appropriate local interconnection, access and/or resale arrangements pursuant to 47 U.S.C. 252. The Parties agree that, in such event, they shall encourage the Commission to issue its order regarding the appropriate local interconnection, access and/or resale arrangements no later than the expiration date of this Agreement. The Parties further agree that 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 local interconnection, access and/or resale arrangements without Commission intervention, the terms, conditions and prices ultimately ordered by the Commission, or negotiated by the Parties, will be effective retroactive to the day following the expiration date of this Agreement. Except as set forth in Section 2.4, below, until the date the Subsequent Agreement becomes effective, the Parties shall continue to be bound by the rates, terms and conditions of this Agreement, which shall remain in full force and effect until said date. Neither Party shall disrupt nor disturb the provision of services to the other Party during either the negotiation of, or the transition from this Agreement to, the Subsequent Agreement.

2.4   Notwithstanding the foregoing, 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 either (i) no arbitration petition has been filed in accordance with Section 2.3 above, or (ii) the Parties have not mutually agreed (where permissible) to extend the arbitration window for petitioning the applicable Commission(s) for resolution of those terms upon which the Parties have not agreed, then either Party may terminate this Agreement upon sixty (60) days prior written notice to the other Party. In the event that BellSouth terminates

this Agreement as provided above, BellSouth shall continue to provide services to Knology without interruption 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 without interruption to Knology pursuant to BellSouth's the version of the standard interconnection agreement then in effect and made available to CLECs requesting negotiations pursuant to Section 251 of the Act or at CLEC's election, pursuant to applicable BellSouth tariffs, or as otherwise agreed, or (ii) to any Other Agreement adopted by Knology pursuant to Section 16 hereunder. In the event that an agreement between the Parties pursuant to the SGAT to BellSouth's standard interconnection agreement, or to BellSouth's tariffs, 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 retroactive to the day following expiration of this Agreement; provided however, BellSouth may not charge Knology any non-recurring, termination or similar charges whatsoever for effecting the transition from this Agreement to the Subsequent Agreement, to BellSouth's standard agreement, to the SGAT or to BellSouth tariffs, or to any Other Agreement, as the case may be.

   2.4.1 Upon termination or expiration of this Agreement for any reason whatsoever, the Parties shall cooperate with one another and use their respective best reasonable commercial efforts to effectuate an orderly and efficient transition of the interconnection and/or access arrangements between Knology and BellSouth under this Agreement to comparable arrangements between Knology and any other carrier selected by Knology at its sole discretion.

3. Ordering Procedures

  3.1 Knology shall provide BellSouth its Carrier Identification Code (CIC), Operating Company Number (OCN), Group Access Code (GAC) and Access Customer Name and Address (ACNA) code as applicable prior to placing its first order.

  3.2 The Parties agree to adhere to the BellSouth Business rules for Local Ordering – OSS99 and all other applicable ordering guides as may be found at http://www.interconnection.bellsouth.com/guides/guides/html to the extent appropriate for the services ordered.

  3.3 Knology shall pay charges for Operational Support Systems (OSS) (i) as set forth in this Agreement in Attachment 1 and/or in Attachment 2, 3, 5 and 7 as applicable or (ii) if otherwise provided by the Commission or by applicable law at any time during the term of this Agreement in which case the Parties shall amend this Agreement pursuant to Section 16.

4. Parity and Performance

  4.1 When Knology purchases, orders or obtains any telecommunications services for resale, from BellSouth, BellSouth warrants, covenants and represents that it shall provide said

Services to Knology on a nondiscriminatory basis so that the Services are at least equal in quality, subject to the same conditions, and provided within the same provisioning time intervals that BellSouth provides to itself, to its Affiliates, Subsidiaries, to any other telecommunications carrier or to any BellSouth End Users. BellSouth further warrants, covenants and represents that to the extent technically feasible, the quality of any Network Element prescribed to be unbundled by the FCC, as well as the quality of the access to such Network Element provided by BellSouth to Knology shall be at least equal in quality to that which BellSouth provides to itself. The quality of the BellSouth supplied interconnection between the networks of BellSouth and the network of Knology 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 BellSouth.

4.2   BellSouth warrants, covenants and represents that at all times the Service(s), and each of them, will be provided and will operate, consistent with the criterion set forth in (i) this Agreement, (ii) any applicable BellSouth tariffs if dealing with resold services and (iii) as established by the Commission.

5.   White Pages Listings

BellSouth shall provide Knology and their customers access to white pages directory listings under the following terms:

5.1   Listings. Knology shall provide all new, changed and deleted listings on a timely basis and BellSouth or its agent will include Knology residential, business and government customer listings in the appropriate alphabetical directories. Directory listings shown will make no distinction between Knology and BellSouth subscribers.

5.2   Rates. Subscriber primary listing information in the White Pages shall be provided to Knology at no charge other than applicable service order charges..

5.3   Procedures for Submitting Knology Subscriber Information. These procedures are found in BellSouth's Ordering Guide for manually processed listings and in the Local Exchange Ordering Guide for mechanically submitted listings.

5.4   Unlisted/Non-Published Subscribers. Knology will be required to provide to BellSouth the names, addresses and telephone numbers coded appropriately of all Knology customers that wish to be omitted from directories.

5.5   Inclusion of Knology Customers in Directory Assistance Database. BellSouth will include and maintain Knology subscriber listings in BellSouth's Directory Assistance databases at no charge and Knology shall provide such Directory Assistance listings at no charge. BellSouth and Knology will formulate appropriate procedures regarding lead time, timeliness, format and content of listing information.

5.6 <u>Listing Information Confidentiality</u>. BellSouth will treat Knology's directory listing information with the same level of confidentiality that BellSouth treats its own directory listing information, and BellSouth shall limit access to Knology'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 directories to Knology subscribers in accordance with prevailing standards.

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

6.1 If Knology is a facilities based provider or a facilities based and resale provider, this section shall apply. BellSouth shall, upon request of Knology, (i) provide to Knology access to any of BellSouth's Network Elements which the FCC has ordered to be unbundled at any technically feasible point on BellSouth's network for the provision of Knology's telecommunications service, and, (ii) with respect to any other non-proprietary Network Elements not required to be unbundled by the FCC, provide Knology access thereto where failure to provide access would impair (i.e. lack of an element would materially diminish) the ability of Knology to provide services that it seeks to offer; provided however, BellSouth shall have no obligation to provide Knology access to any proprietary Network Element unless such provision is necessary for Knology to provide services that it seeks to offer. A Network Element shall be considered to be proprietary if BellSouth has invested resources to develop proprietary information or functionalities that are protected by patent, copyright or trade secret law. In the event the Parties are unable to agree that failure to provide a particular non-proprietary Network Element will impair the ability of Knology to provide services it seeks to offer, or that a Proprietary Network Element is necessary for Knology to provide services it seeks to offer, such failure to agree shall be deemed a dispute pursuant to Section 12 – Resolution of Disputes – of these Terms and Conditions. For those products and services that have been made available to other CLECs, such services shall be made available to Knology on the same rates, terms and conditions through an amendment to this Agreement.

6.2 A Bona Fide Request/New Business Request shall be submitted in writing to Knology's Account Manager by Knology and 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. Such a request also shall include Knology's designation of the request as being (i) pursuant to the Act or (ii) pursuant to the needs of the business.

7.   **Court Ordered Requests for Call Detail Records and Other Subscriber Information**

7.1   To the extent technically feasible, BellSouth maintains and shall maintain call detail records for Knology end users for limited time periods and may respond to subpoenas and court ordered requests for this information. BellSouth shall maintain such information for Knology end users for the same length of time it maintains such information for its own end users.

7.2   BellSouth, to the extent permitted by law, may 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 Knology end users. Billing for such requests will be generated by BellSouth and directed to the law enforcement agency initiating the request.

7.3   Knology agrees that in cases where Knology receives subpoenas or court ordered requests for call detail records for targeted telephone numbers belonging to Knology end users, Knology will advise the law enforcement agency initiating the request to redirect the subpoena or court ordered request to BellSouth. Billing for call detail information will be generated by BellSouth and directed to the law enforcement agency initiating the request.

7.4   In cases where the timing of the response to the law enforcement agency prohibits Knology from having the subpoena or court ordered request redirected to BellSouth by the law enforcement agency, Knology will furnish the official request to BellSouth for providing the call detail information. BellSouth will provide the call detail records to Knology and bill Knology for the information. Knology agrees to reimburse BellSouth for the call detail information provided.

7.5   Knology will provide Knology end user and/or other customer information that is available to Knology in response to subpoenas and court orders for Knology customer records. BellSouth will redirect subpoenas and court ordered requests for Knology end user and/or other customer information to Knology for the purpose of providing this information to the law enforcement agency.

8.   **Liability and Indemnification**

The terms and conditions of this Section 8, Liability and Indemnification, have been adopted pursuant to 47 U.S.C. 252 (I) from Section XIV, Liability and Indemnification, of the Interconnection Agreement between BellSouth Telecommunications, Inc. and Tritel Communications, Inc. dated March 16, 1999, and incorporated herein by this reference. The terms and conditions of this Section 8 shall expire on March 15, 2001. No later than ninety (90) days prior to the expiration of this section the Parties shall commence good faith negotiations to enter into an agreement to govern this section. If agreement on this section cannot be reached by the expiration of this section, the Parties will submit the dispute to the Commission for arbitration or Carrier may adopt an applicable provision from another approved interconnection agreement pursuant to 47 U.S.C. 252 (i).

9.   Intellectual Property Rights and Indemnification

9.1   No License.   No patent, copyright, trademark or other proprietary right is licensed, granted or otherwise transferred by either Party pursuant to this Agreement. Each Party is strictly prohibited from any use, including but not limited to in sales, in marketing or advertising of telecommunications services, of any name, service mark or trademark of the other Party.

9.2   Ownership of Intellectual Property.   Any intellectual property which originates from or is developed by a Party shall remain in the exclusive ownership of that Party. Except for the right to use services provided to one another 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.

9.3   Indemnification.   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 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   Claim of Infringement.   In the event that use of any facilities or equipment (including software), becomes, or in 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, 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

9.4.2   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, discontinue, upon reasonable notice, the provision of the services provided through use of, the affected facilities or equipment (including software), but solely to the extent required to avoid the infringement claim. In said event, the providing Party shall exercise its best reasonable commercial efforts to mitigate the effect of such discontinuation on the receiving Party.

9.5   Exception to Obligations.   Neither Party's obligations under this Section to the other Party ("Indemnitee") 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; or (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   Exclusive Remedy. The foregoing shall constitute the Parties' sole and exclusive remedies and obligations with respect to a third Party claim of intellectual property infringement arising under this Agreement.

10.   Treatment of Proprietary and Confidential Information

10.1   Proprietary and Confidential Information: Defined. It may be necessary for BellSouth and Knology, 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 Discloser's "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.

10.2   Use and Protection of Information. Recipient shall use the Information solely or the purpose(s) of performing this Agreement and Recipient shall protect Information from any use, distribution or disclosure except as 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. " Affiliates" means any company that is owned in whole or in part, now or in the future, directly or indirectly through a subsidiary, by a Party hereto.

10.3   Ownership. Copying & Return of Information. 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 promptly returned to Discloser or destroyed and Recipient will provide Discloser with written certification stating that such Information has been returned or destroyed.

10.4 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 provided Discloser with prompt written notice of such requirement and cooperate with 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 Equitable Relief. Recipient acknowledges and agrees that any breach or threatened breach of this Agreement 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, as the case may be, are entitled to receive injunctive or other equitable relief to remedy or prevent any breach or threatened breach of this Agreement. Such remedy is not the exclusive remedy for any breach or threatened breach of this Agreement, but is in addition to all other rights and remedies available at law or in equity.

10.6 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 unpermitted 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, not to be unreasonably withheld, shall be void. A Party may assign this Agreement or any right, obligation, duty or other interest hereunder to an Affiliate of that Party without the consent of the other Party. 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, in addition to all other remedies, (i) may petition the Commission for any dispute and (ii) shall petition the Commission for a resolution of any dispute within the Commission's exclusive jurisdiction. However, each Party reserves any rights it may have to seek judicial review of any ruling made by the Commission concerning this Agreement.

13. Taxes

13.1 Definition. For purposes of this Section, the terms "taxes" and "fees" shall mean include but not be 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) which are imposed, or sought to be imposed, on or with respect to the services furnished hereunder or measured by the charges or payments therefore.

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 Taxes and Fees Imposed on Purchasing Party But Collected And Remitted By 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 therefore, 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 shall have the right, at its own expense, to contest the same in good faith, in its own name or on the providing Party's behalf. 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.

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 governmental 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 responsibility for determining whether and to what extent any such taxes or fees are applicable. The providing Party shall further retain 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. In the event that such contest must be pursued in the name of the providing Party, the providing Party shall permit the purchasing Party to pursue the contest in the name of the providing Party and the providing Party shall have the opportunity to participate fully in the preparation of such contest.

13.4.4. If after consultation in accordance with the preceding Section, the purchasing Party does not agree with the providing Party's final determination as to the application or basis of a particular tax or fee, and if the providing Party, after receipt of a written request by the purchasing Party to contest the imposition of such tax or fee with the imposing authority, fails or refuses to pursue such contest or to allow such contest by the purchasing Party, the purchasing Party may utilize the dispute resolution process outlined in Section 8 of this Agreement. Utilization of the dispute resolution process shall not relieve the purchasing Party from liability for any tax or fee billed by the providing Party pursuant to this subsection during the pendency of such dispute resolution proceeding. In the event that the purchasing Party prevails in such dispute resolution proceeding, it shall be entitled to a refund in accordance with the final decision therein. Notwithstanding the foregoing, if at any time prior to a final decision in such dispute resolution proceeding the providing Party initiates a contest with the imposing authority with respect to any of the issues involved in such dispute resolution proceeding, the dispute resolution proceeding shall be dismissed as to such common issues and the final decision rendered in the contest with the imposing authority shall control as to such issues.

13.4.5 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.

13.4.6 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.

13.4.7 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.

13.4.8 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   Mutual Cooperation. 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 out-of-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 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, 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 promptly use diligent efforts to avoid or remove such causes of non-performance and both Parties shall proceed whenever such causes are removed or cease, provided further, that neither Party shall be required to compensate the other for Services or Service not performed as a result of such causes.

15.   Year 2000 Compliance

Each Party warrants that it has implemented a program the goal of which is to ensure that all software, hardware and related materials (collectively called "Systems") delivered, connected with BellSouth or supplied in the furtherance of the terms and conditions specified in this Agreement: (i) will record, store, process and display calendar dates falling on or after January 1, 2000, in the same manner, and with the same functionality as such software records, stores, processes and calendar dates falling on or before December 31, 1999; and (ii) shall include without limitation date data century recognition, calculations that accommodate same century and multicentury formulas and date values, and date data interface values that reflect the century.

16.   Modification of Agreement

16.1   BellSouth shall make available, pursuant to 47 USC § 252(i) and the FCC rules and regulations regarding such availability, to Knology, selected at its sole option, election, and discretion (i) any interconnection, service(s), Network Element(s), or any combination thereof (said interconnection, service(s), network element(s), or combinations collectively referred to herein as

"Other Terms") provided under any other agreement filed and approved pursuant to 47 USC § 252 ("Other Agreement"), or (ii) the rates, terms, and conditions of any such Other Agreement in their entirety. Upon Knology's election of the foregoing alternative (i) all rates, terms and conditions that are interrelated or negotiated in exchange for such Other Terms shall be included in said Other Terms and this Agreement. The Parties shall execute an amendment to adopt such Other Terms or Other Agreement. Provided, however, the adopted Other Terms or Other Agreement, as the case may be, shall only apply to the same states in which said Other Agreement had been filed and approved pursuant to 47 USC Section 252; provided, further, except as otherwise required by the Act, the term of the amendment or replacement, as the case may be, is to be deemed coterminous with the term of such Other Agreement.

16.2   If Knology 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 Knology to notify BellSouth of said change and the Parties shall promptly execute an amendment to this Agreement, if necessary, to reflect said change.

16.3   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.

16.4   Execution of this Agreement by either Party does not confirm or imply that the executing Party agrees with any decision(s) issued pursuant to the Telecommunications Act of 1996 or with the effect 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).

16.5   In the event that any final and nonappealable legislative, regulatory, judicial or other legal action materially affects any material terms of this Agreement, or the ability of Knology or BellSouth to perform any material terms of this Agreement, Knology 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 Section 12 of the General Terms and Conditions – Part A of this Agreement.

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

17.   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 specific performance of any and all of the provisions of this Agreement.

18.   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.

19.   Notices

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

BellSouth Telecommunications, Inc.
CLEC Account Team
9th Floor
600 North 19th Street
Birmingham, Alabama 35203

and

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

KNOLOGY Holdings, Inc.
1201 O.G. Skinner Drive
West Point, Georgia 31833
Attn: Chad Wachter, Esq.
         Vice President & General Counsel
(Telephone) (706) 634-2663
(Facsimile) (706) 645-0148
(E-mail) cwachter@knology.com

with a copy to:

Walt Sapronov, Esq.
Gerry, Friend & Sapronov, LLP
Three Ravinia Drive, Suite 1450
Atlanta, Georgia 30346
(Telephone) (770) 399-9500
(Facsimile) (770) 395-0000
(E-mail) wsapronov@gfslaw.com

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

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

19.3   BellSouth shall provide Knology notice via Internet posting of price changes and of changes to the terms and conditions of services available for resale.

20.   Implementation of Agreement

If Knology 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 will 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, pre-sales testing and full operational time frames for the business and residential markets. An implementation template to be used for the implementation schedule is contained in Attachment 10 of this Agreement.

21.   Filing of Agreement

Upon execution of this Agreement, BellSouth shall promptly file it with the appropriate state regulatory agency pursuant to the requirements of Section 252 of the Act. If the regulatory agency imposes any filing or public interest notice fees regarding the filing or approval of the Agreement, Knology shall be responsible for publishing the required notice and the publication and/or notice costs shall be borne by Knology.

22.   Entire Agreement

This Agreement, together with its preamble, recitals and all Attachments and attached Schedules, 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, and neither Party shall be bound by any definition, 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. In the event of any conflict between the term(s) of this Agreement and those of an applicable tariff, the terms of this Agreement shall control.

23.   Survival.

The following provisions are intended to survive the expiration or termination, for any reason whatsoever, of this Agreement for a period two (2) years following the date of expiration or termination: Section 8 (Liability and Indemnification), Section 9 (Intellectual Property Rights and Indemnification), Section 10 (Treatment of Proprietary and Confidential Information), Section 13 (Taxes), Section 24 (Audits) and any other provision which, by its terms or any reasonable interpretation thereof, is intended to survive.

24.   Audits.

The following audit procedures shall apply:

24.1   Subject to BellSouth's reasonable security requirements and except as may be otherwise specifically provided in this Agreement. Knology may audit BellSouth's books, records, and other documents once in each contract year for the purpose of evaluating the accuracy of BellSouth's billing and invoicing. Knology may employ other persons or firms for this purpose. Such audit shall take place at a time and place agreed on by the Parties no later than thirty (30) days after notice thereof to BellSouth.

24.2   BellSouth shall promptly correct any billing error that is revealed in an audit, including making refund of any overpayment by Knology in the form of a credit on the invoice for this first full billing cycle after the Parties have agreed upon the accuracy of the audit results. Any disputes concerning audit results shall be resolved pursuant to the dispute resolution procedures described in Section 12 of this Part A of the Agreement.

24.3   BellSouth shall cooperate fully in any such audit, providing reasonable access to any and all appropriate BellSouth employees and books, records and other documents reasonably necessary to access the accuracy of BellSouth bills.

24.4   Knology may audit BellSouth's books, records and other documents more than once during any contract year if the previous audit found uncorrected net variances or errors in invoices in BellSouth's favor with an aggregate value of at least two percent (2%) of the amounts payable by Knology for the services and elements or combinations provided during the period covered by the audit.

24.5   Audits shall be at Knology's expense, subject to reimbursement by BellSouth in the event that an audit finds an adjustment in the charges paid or payable by Knology hereunder by an amount that is greater than ten percent (10%) of the aggregate charges for the services and elements during the period covered by the audit.

24.6   Upon (i) the discovery by BellSouth of overcharges not previously reimbursed to Knology; or (ii) the resolution of disputed audits, BellSouth shall promptly reimburse Knology the amount of any overpayment times the highest interest rate (in decimal value) which may be levied by law for commercial transactions, compounded daily for the number of days from the date of overpayment to and including the date that payment is actually made. In no event, however, shall interest be assessed on any previously assessed or accrued late payment charges.

24.7   This Section 24 shall survive expiration or termination of this Agreement for a period of two (2) years after expiration or termination, for any reason whatsoever, of this Agreement.

25.   Branding and Customer Contacts

25.1   In all cases of operator and directory assistance services Knology provides using services provided by BellSouth for Knology under this Agreement, BellSouth shall, where technically feasible, at Knology's sole discretion and expense, brand any and all such services at the front-end point of customer contact exclusively as Knology services, or as Knology may otherwise specify, or be provided with no brand at all, as Knology shall determine in accordance with Section 10 of Attachment 2 to this Agreement.

25.2   Knology shall provide the exclusive interface to Knology subscribers, except as Knology shall otherwise specify. In those instances where Knology requests BellSouth personnel to interface with Knology subscribers, such BellSouth personnel shall inform the Knology subscribers that they are representing Knology, or such brand as Knology may specify.

25.3   All forms, business cards or other business materials furnished by BellSouth to Knology subscribers shall bear no corporate name, logo, trademark or trade name.

25.4   Neither Party will disparage or make any disparaging, derogatory or defamatory statements whatsoever concerning the other Party (or the services provided by the other Party) to any of the other Party's end-users or other customers or prospective customers. BellSouth shall not solicit Knology end users as a result of Knology submitting a Local Service Request to BellSouth for services ordered via the terms and conditions of this Agreement.

26.   Customer Information

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.

27. Miscellaneous

27.1   This Agreement may be executed in any number of counterparts, each of which shall be deemed an original, and which together shall constitute a single Agreement. A facsimile copy of a Party's execution of this Agreement shall be valid and binding upon the Party and must be followed as soon as practicable thereafter by the original version of such execution.

27.2   The Parties are independent contractors and nothing herein shall be construed to imply that they are partners, joint venturers or agents of one another.

27.3   Except as otherwise expressly provided in this Agreement, each of the remedies provided under this Agreement is cumulative and is in addition to any remedies that may be available at law or in equity.

27.4   Except as may be specifically set forth in this Agreement, this Agreement does not provide and shall not be construed to provide any person not a Party or proper assignee or successor hereunder with any remedy, claim, liability, reimbursement, cause of action, or other privilege arising under or relating to this Agreement.

27.5   This Agreement was executed after arm's length negotiations between the undersigned Parties and reflects the conclusion of the undersigned that this Agreement is in the best interests of all Parties.

27.6   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.

27.7   Pronouns used herein shall be construed as masculine, feminine, or neuter, and both singular and plural, as the context may require, and the term "person" shall include an individual, corporation, association, partnership, trust, and other organization.

27.8   Capitalized terms used but not otherwise defined in this Agreement have the meaning set forth in Part B of the General Terms and Conditions of this Agreement or (if not defined therein) the meanings set forth in the Act. All other terms, whether capitalized or not, have their customary meanings in accordance with ordinary usage in the telecommunications industry.

IN WITNESS WHEREOF, the Parties have caused their duly appointed representatives to execute this Agreement the day and year above first written.

BellSouth Telecommunications, Inc.

Cw Boltz
Signature

C.W. Boltz
Name

Managing Director
Title

_11/30/00_
Date

Knology of Alabama, Inc.

[signature]
Signature

CHAD S. WACHTER
Name

GENERAL COUNSEL & VP
Title

_11/16/00_
Date

Knology of Florida, Inc.

[signature]
Signature

CHAD S. WACHTER
Name

GENERAL COUNSEL & VP
Title

_11/16/00_
Date

Knology of Georgia, Inc.

[signature]
Signature

CHAD S. WACHTER
Name

GENERAL COUNSEL + VP
Title

11/16/00
Date

Knology of Kentucky, Inc.

[signature]
Signature

CHAD S. WACHTER
Name

GENERAL COUNSEL & VP
Title

11/16/00
Date

Knology of North Carolina, Inc.

_____
Signature

CHAD S. WACHTER
Name

GENERAL COUNSEL + VP
Title

11/16/00
Date

Knology of South Carolina, Inc.

_____
Signature
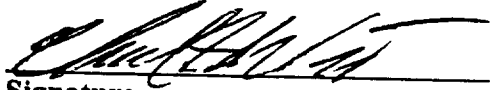
CHAD S. WACHTER
Name

GENERAL COUNSEL & VP
Title

11/16/00
Date

Knology of Tennessee, Inc.

Signature _____

Signature

CHAD S. WACHTER

Name

GENERAL COUNSEL & VP

Title

11/16/00

Date

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.

Centralized Message Distribution System is the Telcordia (formerly BellCore) administered national system, based in Kansas City, Missouri, used to exchange Exchange Message Interface (EMI) formatted data among host companies.

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.

Daily Usage File is the compilation of messages or copies of messages in standard Exchange Message Interface (EMI) format exchanged from BellSouth to a CLEC.

Environmental Hazard is defined as (i) a release, discharge, leak, spill or disposal (collectively referred to hereafter as "release") of Hazardous Material has occurred on premises or property that is related to the performance of this Agreement and that such affected material or media is demonstrated through applicable or appropriate testing method to require remediation or removal as determined by all laws, ordinances, statutes, codes, rules, regulations, orders and decrees of the United States, the state, county, city or any other political subdivision in which the release has occurred, and any other jurisdiction over the release, including any applicable federal and state case law and common law interpreting any of the foregoing; or (ii) any event involving, or exposure to, Hazardous Materials which poses risks to human health, safety or the environment (including, without limitation indoor or outdoor environment(s) and is regulated under any applicable laws or regulations as described in subsection (i) above.

Exchange Message Interface is the nationally administered standard format for the exchange of data among the Exchange Carriers within the telecommunications industry.

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

Intercompany Settlements (ICS) is the revenue associated with charges billed by a company other than the company in whose service area such charges were incurred. ICS on a national level includes third number and credit card calls and is administered by Telcordia (formerly BellCore)'s Calling Card and Third Number Settlement System (CATS). Included is traffic that originates in one Regional Bell Operating Company's (RBOC) territory and bills in another RBOC's territory.

Intermediary function is defined as the delivery of traffic from Knology; a CLEC other than Knology or another telecommunications carrier through the network of BellSouth or Knology to an end user of Knology; a CLEC other than Knology or another telecommunications carrier.

Local Interconnection is defined as 1) the delivery of local traffic to be terminated on each Party's local network so that end users of either Party have the ability to reach end users of the other Party without the use of any access code or substantial delay in the processing of the call; 2) the LEC network features, functions, and capabilities set forth in this Agreement; and 3) Service Provider Number Portability sometimes referred to as temporary telephone number portability to be implemented pursuant to the terms of this Agreement.

Local Traffic is defined as any circuit switched call that is originated by an end user of one Party and terminated to an end user of the other Party within a given LATA on that other Party's network, except for those calls that are originated or terminated through switched access arrangements as established by the ruling regulatory body. Additionally, Local Traffic includes any cross boundary, voice-to-voice intrastate, interLATA or interstate, interLATA calls between specific wire centers established as a local call by the ruling regulatory body. As clarification of this definition and for reciprocal transport and termination compensation, Local Traffic does not include dial-up traffic that originates from or is directed to or through an enhanced service provider or information service provider ("ISP Traffic"). As further clarification, Local Traffic does not include calls that do not transmit information of the user's choosing.

Message Distribution is routing determination and subsequent delivery of message data from one company to another. Also included is the interface function with CMDS, where appropriate.

Multiple Exchange Carrier Access Billing ("MECAB") means the document prepared by the Billing Committee of the Ordering and Billing Forum ("OBF:), which functions under the auspices of the Carrier Liaison Committee of the Alliance for Telecommunications Industry Solutions ("ATIS") and by Telcordia (formerly BellCore) as Special Report SR-BDS-000983, Containing the recommended guidelines for the billing of Exchange Service access provided by two or more LECs and/or CLECs or by one LEC in two or more states within a single LATA.

Network Element is defined to mean a facility or equipment used in the provision of a telecommunications service. Such term includes, but is not limited to, all features, functions, and capabilities that are provided by means of such facility or equipment, including but not limited to, subscriber numbers, databases, signaling systems, and information sufficient for billing and collection or used in the transmission, routing, or other provision of a telecommunications service. BellSouth offers access to all of its Network Elements, including without limitation, unbundled loops; network interface device; sub-loop elements; local switching; transport; tandem switching; operator systems; signaling; access to call-related databases; operation support systems and dark fiber, all as set forth in Attachment 2 of this Agreement.

Non-Intercompany Settlement System (NICS) is the Telcordia (formerly BellCore) system that calculates non-intercompany settlements amounts due from one company to another within the same RBOC region. It includes credit card, third number and collect messages.

Percent of Interstate Usage (PIU) is defined as a factor to be applied to terminating access services minutes of use to obtain those minutes that should be rated as interstate access services minutes of use. The numerator includes all interstate "non-intermediary" minutes of use, including interstate minutes of use that are forwarded due to service provider number portability less any interstate minutes of use for Terminating Party Pays services, such as 800 Services. The denominator includes all "non-intermediary", local, interstate, intrastate, toll and access minutes of use adjusted for service provider number portability less all minutes attributable to terminating Party pays services.

Percent Local Usage (PLU) is defined as a factor to be applied to intrastate terminating minutes of use. The numerator shall include all "non-intermediary" local minutes of use adjusted for those minutes of use that only apply local due to Service Provider Number Portability. The denominator is the total intrastate minutes of use including local, intrastate toll, and access, adjusted for Service Provider Number Portability less intrastate terminating Party pays minutes of use.

Person is defined as meaning any individual, partnership, limited liability company or partnership, corporation, business trust, joint stock company, trust, unincorporated association, joint venture, business unit, division or other entity of whatever nature.

Revenue Accounting Office (RAO) Status Company is a local exchange company/alternate local exchange company that has been assigned a unique RAO code. Message data exchanged among RAO status companies is grouped (i.e. packed) according to From/To/Bill RAO combinations.

Service Control Points ("SCPs") are defined as databases that store information and have the ability to manipulate data required to offer particular services.

Signal Transfer Points ("STPs") are signaling message switches that interconnect Signaling Links to route signaling messages between switches and databases. STPs enable the exchange of Signaling System 7 ("SS7") messages between switching elements, database elements and STPs. STPs provide access to various BellSouth and third Party network elements such as local switching and databases.

Signaling links are dedicated transmission paths carrying signaling messages between carrier switches and signaling networks. Signal Link Transport is a set of two or four dedicated 56 kbps transmission paths between Knology designated Signaling Points of Interconnection that provide a diverse transmission path and cross connect to a BellSouth Signal Transfer Point.

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 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.), (as amended, the "Act").

Attachment 1

Resale

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RESALE

1. **Discount Rates**

The discount rates applied to Knology purchases of BellSouth Telecommunications Services for the purpose of resale shall be as set forth in Exhibit A. Such discounts have been determined by the applicable Commission to reflect the costs avoided by BellSouth when selling a service for wholesale purposes.

2. **Definition of Terms**

2.1 COMPETITIVE LOCAL EXCHANGE COMPANY (CLEC) means a telephone company certificated by the Commission to provide local exchange service within BellSouth's franchised area.

2.2 CUSTOMER OF RECORD means the entity responsible for placing application for service; requesting additions, rearrangements, maintenance or discontinuance of service; payment in full of charges incurred such as non-recurring, monthly recurring, toll, directory assistance, etc.

2.3 DEPOSIT means assurance provided by a customer in the form of cash, surety bond or bank letter of credit to be held by BellSouth.

2.4 END USER means the ultimate user of the Telecommunications Service.

2.5 END USER CUSTOMER LOCATION means the physical location of the premises where an End User makes use of the telecommunications services.

2.6 NEW SERVICES means functions, features or capabilities that are not currently offered by BellSouth. This includes packaging of existing services or combining a new function, feature or capability with an existing service.

2.7 RESALE means an activity wherein a certificated CLEC, such as Knology, subscribes to the telecommunications services of BellSouth and then offers those telecommunications services to the public.

3. **General Provisions**

3.1 All of the negotiated rates, terms and conditions set forth in this Attachment pertain to the resale of BellSouth's retail telecommunications services and other services specified in this Attachment. Subject to effective and applicable FCC

and Commission rules and orders, BellSouth shall make available to Knology for resale those telecommunications services BellSouth makes available, pursuant to its General Subscriber Services Tariff and Private Line Services Tariff, to customer who are not telecommunications carriers. Such services shall be available at BellSouth's tariffed rates less the discount set forth in Exhibit A to this Agreement and subject to the exclusions and limitations set forth in Exhibit B to this Agreement.

3.2   Knology may purchase resale services from BellSouth for their own use in operating their business. The resale discount will apply to those services under the following conditions:

3.2.1   Knology must resell services to other End Users.

3.2.2   Knology must order services through resale interfaces, i.e., the Local Carrier Service Center (LCSC) and/or appropriate Resale Account Teams pursuant to Section 3 of the General Terms and Conditions.

3.2.3   Knology cannot be a competitive local exchange telecommunications company for the single purpose of selling to themselves.

3.3   Knology will be the customer of record for all services purchased from BellSouth. Except as specified herein, BellSouth will take orders from, bill and receive payment from Knology for said services.

3.4   Knology will be BellSouth's single point of contact for all services purchased pursuant to this Agreement. BellSouth shall have no contact with the End User except to the extent provided for herein. Each Party shall provide to the other a toll-free contact number for purposes of repair and maintenance.

3.5   BellSouth will continue to bill the End User for any services that the End User specifies it wishes to receive directly from BellSouth. BellSouth maintains the right to serve directly any End User within the service area of Knology. BellSouth will continue to market directly its own telecommunications products and services and in doing so may establish independent relationships with End Users of Knology. Neither Party shall interfere with the right of any person or entity to obtain service directly from the other Party.

3.5.1   When a subscriber of Knology or BellSouth elects to change his/her carrier to the other party, both parties agree to release the subscriber's service to the other party concurrent with the due date of the service order, which shall be established based on the standard interval for the subscriber's requested service as set forth in BellSouth Product and Services Interval Guide.

3.5.2   BellSouth and Knology will refrain from contacting subscribers who have placed or whose selected carrier has placed on their behalf an order to change his/her

service provider from BellSouth or Knology to the other party until such time that the order for service has been completed.

3.6   Current telephone numbers may normally be retained by the End User and are assigned to the service furnished. However, neither Party nor the End User has a property right to the telephone number or any other call number designation associated with services furnished by BellSouth, and no right to the continuance of service through any particular central office. BellSouth reserves the right to change such numbers, or the central office designation associated with such numbers, or both, whenever BellSouth deems it necessary to do so in the conduct of its business and in accordance with BellSouth practices and procedures on a nondiscriminatory basis.

3.7   For the purpose of the resale of BellSouth's telecommunications services by Knology, BellSouth will provide Knology with on line access to telephone numbers for reservation on a first come first served basis. Such reservations of telephone numbers, on a pre-ordering basis shall be for a period of ninety (90) days. Knology acknowledges that there may be instances where there is a shortage of telephone numbers in a particular Common Language Location Identifier Code (CLLIC) and in such instances BellSouth may request that Knology cancel its reservations of numbers. Knology shall comply with such request.

3.8   Further, upon Knology's request, and for the purpose of the resale of BellSouth's telecommunications services by Knology, BellSouth will reserve up to 100 telephone numbers per CLLIC, for Knology's sole use. Such telephone number reservations shall be valid for ninety (90) days from the reservation date. Knology acknowledges that there may be instances where there is a shortage of telephone numbers in a particular CLLIC and in such instances BellSouth shall use its best efforts to reserve for a ninety (90) day period a sufficient quantity of Knology's reasonable need in that particular CLLIC.

3.9   Service is furnished subject to the condition that it will not be used for any unlawful purpose.

3.10   Service will be discontinued if any law enforcement agency advises that the service being used is in violation of the law.

3.11   BellSouth can refuse service when it has grounds to believe that service will be used in violation of the law.

3.12   BellSouth will cooperate with law enforcement agencies with subpoenas and court orders relating to Knology's End Users, pursuant to Section 7 of the General Terms and Conditions.

3.13 If Knology or its End Users utilize a BellSouth resold telecommunications service in a manner other than that for which the service was originally intended as described in BellSouth's retail tariffs, Knology has the responsibility to notify BellSouth. BellSouth will only provision and maintain said service consistent with the terms and conditions of the tariff describing said service.

3.14 Facilities and/or equipment utilized by BellSouth to provide service to Knology remain the property of BellSouth.

3.15 White page directory listings for Knology End Users will be provided in accordance with Section 5 of the General Terms and Conditions.

3.16 BellSouth provides electronic access to customer record information. Access is provided through the Local Exchange Navigation System (LENS) and the Telecommunications Access Gateway (TAG). Customer Record Information includes but is not limited to, customer specific information in CRIS and RSAG. In addition, Knology shall provide to BellSouth access to customer record information including electronic access where available. Otherwise, upon request by BellSouth Knology shall provide paper copies of customer record information within a reasonable period of time. Customer Record Information is equivalent to but not limited to the type of customer specific information contained in CRIS and RSAG. The Parties agree not to view, copy, or otherwise obtain access to the customer record information of any customer without that customer's permission, and further agrees that Knology and BellSouth will obtain access to customer record information only in strict compliance with applicable laws, rules, or regulations of the State in which the service is provided.

3.17 All costs incurred by BellSouth to develop and implement operational interfaces shall be recovered from CLECs who utilize the interfaces. Charges for use of Operational Support Systems (OSS) shall be as set forth in Exhibit A of this Attachment.

3.18 Where available to BellSouth's End Users, BellSouth shall provide the following telecommunications services at a discount to allow for voice mail services:

- Message Waiting Indicator ("MWI"), stutter dialtone and message waiting light feature capabilities

- Call Forward Busy Line ("CF/B")

- Call Forward Don't Answer ("CF/DA")

Further, BellSouth messaging services set forth in BellSouth's Messaging Service Information Package shall be made available for resale without the wholesale discount.

3.19   BellSouth shall provide branding for, or shall unbrand, voice mail services for Knology per the Bona Fide Request/New Business Request process as set forth in Section 6 of the General Terms and Conditions.

3.20   BellSouth's Inside Wire Maintenance Service Plan is available for resale at rates, terms and conditions as set forth by BellSouth and without the wholesale discount.

3.21   If Knology requires a special assembly, Knology shall pay the costs incurred by BellSouth for providing the requested special assembly. BellSouth will provide the costs to Knology prior to providing the service. Such costs could include both recurring and non-recurring charges and shall not be subject to the wholesale discount but shall exclude any cost attributable to any marketing, billing collection or other costs that will be avoided by BellSouth in providing service to Knology.

3.22   BellSouth shall provide 911/E911 for Knology customers in the same manner that it is provided to BellSouth customers. BellSouth shall provide and validate Knology customer information to the PSAP. BellSouth shall use its service order process to update and maintain, on the same schedule that it uses for its customers, the Knology customer service information in the ALI/DMS (Automatic Location Identification/Location Information) databases used to support 911/E911 services.

3.23   BellSouth shall bill, and Knology shall pay, the End User line charge associated with implementing Number Portability as set forth in BellSouth's FCC No. 1 tariff. This charge is not subject to the wholesale discount.

3.24   Pursuant to 47 CFR Section 51.617, BellSouth will bill to Knology, and Knology shall pay, End User common line charges identical to the End User common line charges BellSouth bills its End Users.

4.   BellSouth's Provision of Services to Knology

4.1   Resale of BellSouth services shall be as follows:

4.1.1   The resale of telecommunications services shall be limited to users and uses conforming to the class of service restrictions.

4.1.2   Hotel and Hospital PBX services are the only telecommunications services available for resale to Hotel/Motel and Hospital End Users, respectively. Similarly, Access Line Service for Customer Provided Coin Telephones is the only local service available for resale to Payphone Service Provider (PSP) customers. Shared Tenant Service customers can only be sold those local exchange access services available in BellSouth's A23 Shared Tenant Service

Tariff in the states of Florida, Georgia, North Carolina and South Carolina, and in A27 in the states of Alabama, Kentucky, Louisiana, Mississippi and Tennessee.

4.1.3 BellSouth reserves the right to periodically audit services purchased by Knology to establish authenticity of use. Such audit shall not occur more than once in a calendar year. Knology shall make any and all records and data available to BellSouth or BellSouth's auditors on a reasonable basis. BellSouth shall bear the cost of said audit. Any information provided by Knology for purposes of such audit shall be deemed Confidential Information pursuant to the General Terms and Conditions of this Agreement.

4.2 Subject to Exhibit B hereto, resold services can only be used in the same manner as specified in BellSouth's Tariffs. Resold services are subject to the same terms and conditions as are specified for such services when furnished to an individual End User of BellSouth in the appropriate section of BellSouth's Tariffs. Specific tariff features (e.g. a usage allowance per month) shall not be aggregated across multiple resold services.

4.3 Knology may resell services only within the specific service area as defined in its certificate of operation approved by the Commission.

5. **Maintenance of Services**

5.1 Knology will adopt and adhere to the standards contained in the applicable CLEC Work Center Operational Understanding Agreement regarding maintenance and installation of service.

5.2 Services resold pursuant to this Attachment and BellSouth's General Subscriber Service Tariff and Private Line Service Tariff and facilities and equipment provided by BellSouth shall be maintained by BellSouth.

5.3 Knology or its End Users may not rearrange, move, disconnect, remove or attempt to repair any facilities owned by BellSouth except with the written consent of BellSouth.

5.4 Knology accepts responsibility to notify BellSouth of situations that arise that may result in a service problem.

5.5 Knology will contact the appropriate repair centers in accordance with procedures established by BellSouth.

5.6 For all repair requests, Knology shall adhere to BellSouth's prescreening guidelines prior to referring the trouble to BellSouth.

5.7   BellSouth will bill Knology for handling troubles that are found not to be in BellSouth's network pursuant to its standard time and material charges. The standard time and material charges will be no more than what BellSouth charges to its retail customers for the same services.

5.8   BellSouth reserves the right to contact Knology's End Users, if deemed necessary, for maintenance purposes.

6.   Establishment of Service

6.1   After receiving certification as a local exchange company from the appropriate regulatory agency, Knology will provide the appropriate BellSouth service center the necessary documentation to enable BellSouth to establish a master account for Knology's resold services. Such documentation shall include the Application for Master Account, proof of authority to provide telecommunications services, an Operating Company Number ("OCN") assigned by the National Exchange Carriers Association ("NECA") and a tax exemption certificate, if applicable. When necessary deposit requirements are met, as described in Section 6.6 below, BellSouth will begin taking orders for the resale of service.

6.2   Service orders will be in a standard format designated by BellSouth.

6.3   Knology shall provide to BellSouth a blanket letter of authorization ("LOA") certifying that Knology will have End User authorization prior to viewing the End User's customer service record or switching the End User's service. BellSouth will not require End User confirmation prior to establishing service for Knology's End User customer. Knology must, however, be able to demonstrate End User authorization upon request.

6.4   BellSouth will accept a request directly from the End User for conversion of the End User's service from Knology to BellSouth or will accept a request from another CLEC for conversion of the End User's service from Knology to such other CLEC. Upon completion of the conversion BellSouth will notify Knology that such conversion has been completed.

6.5   If BellSouth determines that an unauthorized change in local service to Knology has occurred, BellSouth will reestablish service with the appropriate local service provider and will assess Knology as the CLEC initiating the unauthorized change, the unauthorized change charge described in F.C.C. Tariff No. 1, Section 13 or applicable state tariff. Appropriate nonrecurring charges, as set forth in Section A4 of the General Subscriber Service Tariff, will also be assessed to Knology. These charges can be adjusted if Knology provides satisfactory proof of authorization.

6.6   BellSouth reserves the right to secure the account with a suitable form of security deposit, unless satisfactory credit has already been established.

6.6.1   Such security deposit shall take the form of cash for cash equivalent, an irrevocable Letter of Credit or other forms of security acceptable to BellSouth. Any such security deposit may be held during the continuance of the service as security for the payment of any and all amounts accruing for the service.

6.6.2   If a security deposit is required, such security deposit shall be made prior to the inauguration of service.

6.6.3   Such security deposit shall be two months' estimated billing.

6.6.4   The fact that a security deposit has been made in no way relieves Knology from complying with BellSouth's regulations as to advance payments and the prompt payment of bills on presentation nor does it constitute a waiver or modification of the regular practices of BellSouth providing for the discontinuance of service for non-payment of any sums due BellSouth.

6.6.5   BellSouth reserves the right to increase the security deposit requirements when, in its reasonable judgment, changes in Knology's financial status so warrant and/or gross monthly billing has increased beyond the level initially used to determine the security deposit.

6.6.6   In the event service to Knology is terminated due to Knology's default on its account, any security deposits held will be applied to Knology's account.

6.6.7   Interest on a cash or cash equivalent security deposit shall accrue and be paid in accordance with the terms in the appropriate BellSouth tariff.

7.   **Payment And Billing Arrangements**

7.1   Prior to submitting orders to BellSouth for local service, a master account must be established for Knology. Knology is required to provide the following before a master account is established: proof of PSC/PUC certification, the Application for Master Account, an Operating Company Number ("OCN") assigned by the National Exchange Carriers Association ("NECA") and a tax exemption certificate, if applicable.

7.2   BellSouth shall bill Knology on a current basis all applicable charges and credits.

7.3   Payment of all charges will be the responsibility of Knology. Knology shall make payment to BellSouth for all services billed. BellSouth is not responsible for payments not received by Knology from Knology's End User. BellSouth will not become involved in billing disputes that may arise between Knology and its End

User. Payments made to BellSouth as payment on account will be credited to an accounts receivable master account and not to an End User's account.

7.4   BellSouth will render bills each month on established bill days for each of Knology's accounts.

7.5   BellSouth will bill Knology in advance for all services to be provided during the ensuing billing period except charges associated with service usage, which will be billed in arrears. Charges will be calculated on an individual End User account level, including, if applicable, any charge for usage or usage allowances. BellSouth will also bill Knology, and Knology will be responsible for and remit to BellSouth, all charges applicable to resold services including but not limited to 911 and E911 charges, End Users common line charges, federal subscriber line charges, telecommunications relay charges (TRS), and franchise fees.

7.6   The payment will be due by the next bill date (i.e., same date in the following month as the bill date) and is payable in immediately available funds. Payment is considered to have been made when received by BellSouth.

7.6.1   If the payment due date falls on a Sunday or on a Holiday which is observed on a Monday, the payment due date shall be the first non-Holiday day following such Sunday or Holiday. If the payment due date falls on a Saturday or on a Holiday which is observed on Tuesday, Wednesday, Thursday, or Friday, the payment due date shall be the last non-Holiday day preceding such Saturday or Holiday. If payment is not received by the payment due date, a late payment charge, as set forth in section 7.8 following, shall apply.

7.6.2   If Knology requests multiple billing media or additional copies of bills, BellSouth will provide these at an appropriate charge to Knology.

7.6.3   Billing Disputes

7.6.3.1   Each Party agrees to notify the other Party upon the discovery of a billing dispute. In the event of a billing dispute, the Parties will endeavor to resolve the dispute within sixty (60) calendar days of the Bill Date on which such disputed charges appear. Resolution of the dispute is expected to occur at the first level of management resulting in a recommendation for settlement of the dispute and closure of a specific billing period. If the issues are not resolved within the allotted time frame, the following resolution procedure will begin:

7.6.3.2   If the dispute is not resolved within sixty (60) days of the Bill Date, the dispute will be escalated to the second level of management for each of the respective Parties for resolution. If the dispute is not resolved within ninety (90) days of the Bill Date, the dispute will be escalated to the third level of management for each of the respective Parties for resolution.

7.6.3.3   If the dispute is not resolved within one hundred and twenty (120) days of the Bill Date, the dispute will be escalated to the fourth level of management for each of the respective Parties for resolution.

7.6.3.4   If a Party disputes a charge and does not pay such charge by the payment due date, such charges shall be subject to late payment charges as set forth in the Late Payment Charges provision of this Attachment. If a Party disputes charges and the dispute is resolved in favor of such Party, the other Party shall credit the bill of the disputing Party for the amount of the disputed charges along with any late payment charges assessed no later than the second Bill Date after the resolution of the dispute. Accordingly, if a Party disputes charges and the dispute is resolved in favor of the other Party, the disputing Party shall pay the other Party the amount of the disputed charges and any associated late payment charges assessed no later than the second bill payment due date after the resolution of the dispute. BellSouth shall only assess interest on previously assessed late payment charges in a state where it has authority pursuant to its tariffs.

7.7   Upon proof of tax exempt certification from Knology, the total amount billed to Knology will not include any taxes due from the End User to reflect the tax exempt certification and local tax laws. Knology will be solely responsible for the computation, tracking, reporting, and payment of taxes applicable to Knology's End User.

7.8   If any portion of the payment is received by BellSouth after the payment due date as set forth preceding, or if any portion of the payment is received by BellSouth in funds that are not immediately available to BellSouth, then a late payment charge shall be due to BellSouth. The late payment charge shall be the portion of the payment not received by the payment due date times a late factor and will be applied on a per bill basis. The late factor shall be as set forth in Section A2 of the General Subscriber Services Tariff or Section B2 of the Private Line Service Tariff, as applicable. Knology will be charged a fee for all returned checks as set forth in Section to A2 of the General Subscriber Services Tariff or in applicable state law.

7.9   Any switched access charges associated with interexchange carrier access to the resold local exchange lines will be billed by, and due to, BellSouth.

7.10   BellSouth will not perform billing and collection services for Knology as a result of the execution of this Agreement. All requests for billing services should be referred to the appropriate entity or operational group within BellSouth.

7.11   In general, BellSouth will not become involved in disputes between Knology and Knology's End User customers relating to resold services. If a dispute does arise that cannot be settled without the involvement of BellSouth, Knology shall contact the designated Service Center for resolution. BellSouth will assist in the resolution of the dispute and will work with Knology to resolve the matter in as

timely a manner as possible. Knology may be required to submit documentation to substantiate the claim.

8.   **Discontinuance of Service**

8.1   The procedures for discontinuing service to an End User are as follows:

8.1.1   BellSouth will deny service to Knology's End User on behalf of, and at the request of, Knology. Upon restoration of the End User's service, restoral charges will apply and will be the responsibility of Knology.

8.1.2   At the request of Knology, BellSouth will disconnect a Knology End User customer.

8.1.3   All requests by Knology for denial or disconnection of an End User for nonpayment must be in writing.

8.1.4   Knology will be made solely responsible for notifying the End User of the proposed disconnection of the service.

8.1.5   BellSouth will continue to process calls made to the Annoyance Call Center and will advise Knology when it is determined that annoyance calls are originated from one of its End User's locations. BellSouth shall be indemnified, defended and held harmless by Knology and/or the End User against any claim, loss or damage arising from providing this information to Knology. It is the responsibility of Knology to take the corrective action necessary with its End Users who make annoying calls. (Failure to do so will result in BellSouth's disconnecting the End User's service.)

8.1.6   BellSouth may disconnect and reuse facilities when the facility is in a denied state and BellSouth has received an order to establish new service or transfer of service from an End User or an End User's CLEC at the same address served by the denied facility.

8.2   The procedures for discontinuing service to Knology are as follows:

8.2.1   BellSouth reserves the right to suspend or terminate service in the event of prohibited, unlawful or improper use of the facilities or service, abuse of the facilities, or any other violation or noncompliance by Knology of the rules and regulations of BellSouth's Tariffs.

8.2.2   BellSouth reserves the right to suspend or terminate service for nonpayment. If payment of account is not received by the bill day in the month after the original bill day, BellSouth may provide written notice to Knology, that additional applications for service will be refused and that any pending orders for service

will not be completed if payment is not received by the fifteenth day following the date of the notice. In addition BellSouth may, at the same time, provide written notice to the person designated by Knology to receive notices of noncompliance that BellSouth may discontinue the provision of existing services to Knology, if payment is not received by the thirtieth day following the date of the notice.

8.2.3   In the case of such discontinuance, all billed charges, as well as applicable termination charges, shall become due.

8.2.4   If BellSouth does not discontinue the provision of the services involved on the date specified in the thirty (30) days notice and Knology's noncompliance continues, nothing contained herein shall preclude BellSouth's right to discontinue the provision of the services to Knology without further notice.

8.2.5   Upon discontinuance of service on a Knology account, service to Knology's End Users will be denied. BellSouth will also reestablish service at the request of the End User or Knology upon payment of the appropriate connection fee and subject to BellSouth's normal application procedures. Knology is solely responsible for notifying the End User of the proposed disconnection of the service.

8.2.6   If within fifteen (15) days after an End User's service has been denied no contact has been made in reference to restoring service, the End User's service will be disconnected.

9.   Line Information Database (LIDB)

9.1   BellSouth will store in its Line Information Database (LIDB) records relating to service only in the BellSouth region. The LIDB Storage Agreement is included in this Attachment as Exhibit C.

9.2   BellSouth will provide LIDB Storage upon written request to Knology Account Manager stating requested activation date.

10.   RAO Hosting

10.1   RAO Hosting is not required for resale in the BellSouth region.

11.   **Optional Daily Usage File (ODUF)**

11.1   The Optional Daily Usage File (ODUF) Agreement with terms and conditions is included in this Attachment as Exhibit D. Rates for ODUF are as set forth in Exhibit F of this Attachment.

11.2   BellSouth will provide Optional Daily Usage File (ODUF) service upon written request to its Account Manager stating requested activation date.

12.   **Enhanced Optional Daily Usage File (EODUF)**

12.1   The Enhanced Optional Daily Usage File (EODUF) service Agreement with terms and conditions is included in this Attachment as Exhibit E. Rates for EODUF are as set forth in Exhibit F of this Attachment.

12.2   BellSouth will provide Enhanced Optional Daily Usage File (EODUF) service upon written request to its Account Manager stating requested activation date.

APPLICABLE DISCOUNTS

The telecommunications services available for purchase by Knology for the purposes of resale to Knology End Users shall be available at the following discount off of the retail rate. If Knology cancels an order for telecommunications services for the purpose of resale, any costs incurred by BellSouth in conjunction with the provisioning of that order will be recovered in accordance with the applicable sections of the GSST and the PLST.

DISCOUNT*

STATE	RESIDENCE	BUSINESS	CSAs***
ALABAMA	16.3%	16.3%	
FLORIDA	21.83%	16.81%	
GEORGIA	20.3%	17.3%	
KENTUCKY	16.79%	15.54%	
LOUISIANA	20.72%	20.72%	9.05%
MISSISSIPPI	15.75%	15.75%	
NORTH CAROLINA	21.5%	17.6%	
SOUTH CAROLINA	14.8%	14.8%	8.98%
TENNESSEE**	16%	16%	

*   When a CLEC provides Resale service in a cross boundary area (areas that are part of the local serving area of another state's exchange) the rates, regulations and discounts for the tariffing state will apply. Billing will be from the serving state.

**   In Tennessee, if Knology provides its own operator services and directory services, the discount shall be 21.56%. Knology must provide written notification to BellSouth within thirty (30) days prior to providing its own operator services and directory services to qualify for the higher discount rate of 21.56%.

*** Unless noted in this column, the discount for Business will be the applicable discount rate for CSAs.

OPERATIONAL SUPPORT SYSTEMS (OSS) RATES

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

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

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 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:

OPERATIONAL SUPPORT SYSTEMS (OSS) RATES	**Electronic** **Per LSR received from the CLEC by one of the OSS interactive interfaces**	**Manual** **Per LSR received from the CLEC by means other than one of the OSS interactive interfaces**
OSS LSR Charge	**$3.50**	**$19.99**
USOC	**SOMEC**	**SOMAN**

Note: In addition to the OSS charges, applicable discounted service order and related discounted charges apply per the tariff.

Denial/Restoral OSS Charge

In the event Knology 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.

Cancellation OSS Charge

Knology will incur an OSS charge for an accepted LSR that is later canceled by Knology.

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

Threshold Billing Plan

Knology will incur the mechanized rate for all LSRs, both mechanized and manual, if the percentage of mechanized LSRs to total LSRs meets or exceeds the threshold percentages shown below:

Year	Ratio: Mechanized/Total LSRs
2000	80%
2001	90%

The threshold plan will be discontinued in 2002.

BellSouth will track the total LSR volume for each CLEC for each quarter. At the end of that time period, a Percent Electronic LSR calculation will be made for that quarter based on the LSR data tracked in the LCSC. If this percentage exceeds the threshold volume, all of that CLEC's future manual LSRs for the following quarter will be billed at the mechanized LSR rate. To allow time for obtaining and analyzing the data and updating the billing system, this billing change will take place on the first day of the second month following the end of the quarter (e.g. May 1 for 1Q, Aug 1 for 2Q, etc.). There will be no adjustments to the amount billed for previously billed LSRs.

Exclusions and Limitations
On Services Available for Resale

Type of Service	AL		FL		GA		KY		LA		MS		NC		SC		TN	
	Resale	Discount	Resale	Discount	Resale	Discount	Resale	Discount	Resale	Discount	Resale	Discount	Resale	Discount	Resale	Discount	Resale	Discount
1 Grandfathered Services (Note 1)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
2 Contract Service Arrangements	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
3 Promotions - > 90 Days (Note 2)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Note 3
4 Promotions - ≤ 90 Days (Note 2)	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No
5 Lifeline/Link Up Services	Yes	Yes	Yes	Yes	Yes	Yes	Note 4	Note 4	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
6 911/E911 Services	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
7 N11 Services	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No	No	Yes	Yes	Yes	Yes	No	No	Yes	Yes
8 AdWatch SM Svc (See Note 6)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
9 MemoryCall® Service	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No
10 Mobile Services	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No
11 Federal Subscriber Line Charges	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No
12 Non-Recurring Charges	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No
13 End User Line Charge – Number Portability	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No
14 Public Telephone Access Service (PTAS)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes

Applicable Notes:

1. Grandfathered services can be resold only to existing subscribers of the grandfathered service.

Exclusions and Limitations
On Services Available for Resale

2.	Where available for resale, promotions will be made available only to End Users who would have qualified for the promotion had it been provided by BellSouth directly.
3.	In Tennessee, long-term promotions (offered for more than ninety (90) days) may be obtained at one of the following rates: (a) the stated tariff rate, less the wholesale discount; (b) the promotional rate (the promotional rate offered by BellSouth will not be discounted further by the wholesale discount rate)
4.	Lifeline/Link Up services may be offered only to those subscribers who meet the criteria that BellSouth currently applies to subscribers of these services as set forth in Sections A3 and A4 of the BellSouth General Subscriber Services Tariff.
5.	Some of BellSouth's local exchange and toll telecommunications services are not available in certain central offices and areas.
6.	AdWatch℠ Service is tariffed as BellSouth® AIN Virtual Number Call Detail Service.

Version 2Q00: 8/17/00

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 Knology and pursuant to which BellSouth, its LIDB customers and Knology shall have access to such information. Knology 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 Knology, 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

C.   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 Knology of fraud alerts so that Knology may take action it deems appropriate. Knology understands and agrees BellSouth will administer all data stored in the LIDB, including the data provided by Knology pursuant to this Agreement, in the same manner as BellSouth's data for BellSouth's End User customers. BellSouth shall not be responsible to Knology 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.

Knology understands that BellSouth currently has in effect numerous billing and collection agreements with various interexchange carriers and billing clearing houses. Knology 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, Knology 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 Knology's behalf pursuant to this Agreement. Therefore, until such time as BellSouth can and does implement in its LIDB and its supporting systems the means to differentiate Knology's data from BellSouth's data and the Parties to this Agreement execute appropriate amendments hereto, the following terms and conditions shall apply:

(a)   Knology agrees that it will accept responsibility for telecommunications services billed by BellSouth for its billing and collection customers for Knology's End User accounts which are resident in LIDB pursuant to this Agreement. Knology authorizes BellSouth to place such charges on Knology's bill from BellSouth and agrees that it shall pay all such charges. Charges for which Knology 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)   Knology shall have the responsibility to render a billing statement to its End Users for these charges, but Knology's obligation to pay BellSouth for the charges billed shall be independent of whether Knology is able or not to collect from Knology's End Users.

(d)   BellSouth shall not become involved in any disputes between Knology and the entities for which BellSouth performs billing and collection. BellSouth will not issue adjustments for charges billed on behalf of an entity to Knology. It shall be the responsibility of Knology 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. Knology will not be charged a fee for storage services provided by BellSouth to Knology, 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 Knology. Knology shall have the right to have BellSouth contest with the imposing jurisdiction, at Knology's expense, any such taxes that Knology deems are improperly levied.

IV. INDEMNIFICATION

To the extent not prohibited by law, each Party will indemnify the other and hold the other harmless against any loss, cost, claim, injury, or liability relating to or arising out of negligence or willful misconduct by the indemnifying Party or its agents or contractors in connection with the indemnifying Party's provision of services, provided, however, that any indemnity for any loss, cost, claim, injury or liability arising out of or relating to errors or omissions in the provision of services under this Agreement shall be limited as otherwise specified in this Agreement. The indemnifying Party under this Section agrees to defend any suit brought against the other Party for any such loss, cost, claim, injury or liability. The indemnified Party agrees to notify the other Party promptly, in writing, of any written claims, lawsuits, or demands for which the other Party is responsible under this Section and to cooperate in every reasonable way to facilitate defense or settlement of claims. The indemnifying Party shall not be liable under this Section for settlement by the indemnified Party of any claim, lawsuit, or demand unless the defense of the claim, lawsuit, or demand has been tendered to it in writing and the indemnifying Party has unreasonably failed to assume such defense.

V. LIMITATION OF LIABILITY

Neither Party shall be liable to the other Party for any lost profits or revenues or for any indirect, incidental or consequential damages incurred by the other Party arising from this Agreement or the services performed or not performed hereunder, regardless of the cause of such loss or damage.

VI. MISCELLANEOUS

A. It is understood and agreed to by the Parties that BellSouth may provide similar services to other companies.

B. All terms, conditions and operations under this Agreement shall be performed in accordance with, and subject to, all applicable local, state or federal legal and regulatory tariffs, rulings, and other requirements of the federal courts, the U. S. Department of Justice and state and federal regulatory agencies. Nothing in this Agreement shall be construed to cause either Party to violate any such legal or regulatory requirement and either Party's obligation to perform shall be subject to all such requirements.

C. Knology agrees to submit to BellSouth all advertising, sales promotion, press releases, and other publicity matters relating to this Agreement wherein BellSouth's corporate or trade names, logos, trademarks or service marks or those of BellSouth's affiliated companies are mentioned or language from which the connection of said names or trademarks therewith may be inferred or implied; and Knology further agrees not to publish or use advertising, sales promotions, press releases, or publicity matters without BellSouth's prior written approval.

D. This Agreement constitutes the entire Agreement between Knology and BellSouth which supersedes all prior Agreements or contracts, oral or written representations, statements, negotiations, understandings, proposals and undertakings with respect to the subject matter hereof.

E. Except as expressly provided in this Agreement, if any part of this Agreement is held or construed to be invalid or unenforceable, the validity of any other Section of this Agreement shall remain in full force and effect to the extent permissible or appropriate in furtherance of the intent of this Agreement.

F. Neither Party shall be held liable for any delay or failure in performance of any part of this Agreement for any cause beyond its control and without its fault or negligence, such as acts of God, acts of civil or military authority, government regulations, embargoes, epidemics, war, terrorist acts, riots, insurrections, fires, explosions,

earthquakes, nuclear accidents, floods, strikes, power blackouts, volcanic action, other major environmental disturbances, unusually severe weather conditions, inability to secure products or services of other persons or transportation facilities, or acts or omissions of transportation common carriers.

G.   This Agreement shall be deemed to be a contract made under the laws of the State of Georgia, and the construction, interpretation and performance of this Agreement and all transactions hereunder shall be governed by the domestic law of such State.

RESALE ADDENDUM

TO LINE INFORMATION DATA BASE (LIDB)

STORAGE AGREEMENT

This is a Resale Addendum to the Line Information Data Base Storage Agreement dated _____, 2000, between BellSouth Telecommunications, Inc. ("BellSouth"), and Knology ("Knology"), effective the _____ day of_____, 2000.

I.   **GENERAL**

This Addendum sets forth the terms and conditions for Knology'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 Knology, 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**

A.   Billing number - a number used by BellSouth 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 assigned by BellSouth that identifies a telephone line associated with a resold local exchange service, or with a SPNP arrangement.

C.   Special billing number - a ten-digit number that identifies a billing account established by BellSouth in connection with a resold local exchange service or with a SPNP arrangement.

D.   Calling Card number - a billing number plus PIN number assigned by BellSouth.

E.   PIN number - a four digit security code assigned by BellSouth 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 Knology.

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 or Calling Card number as assigned by BellSouth and toll billing exception indicator provided to BellSouth by Knology.

III.   RESPONSIBILITIES OF PARTIES

A.   BellSouth will include billing number information associated with resold exchange lines or SPNP arrangements in its LIDB. Knology will request any toll billing exceptions via the Local Service Request (LSR) form used to order resold exchange lines, or the SPNP service request form used to order SPNP arrangements.

B.   Under normal operating conditions, BellSouth shall include the billing number information in its LIDB upon completion of the service order establishing either the resold local exchange service or the SPNP arrangement, 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 the working telephone numbers associated with either the resold local exchange lines or the SPNP arrangements. For resold local exchange lines or for SPNP arrangements, BellSouth will issue line-based calling cards only in the name of Knology. BellSouth will not issue line-based calling cards in the name of Knology's individual End Users. In the event that Knology wants to include calling card numbers assigned by Knology in the BellSouth LIDB, a separate agreement is required.

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 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 BellSouth, and where the last four digits (PIN) are
a security code assigned by BellSouth.

2.   Determine whether Knology has identified the billing number as one which should
not be billed for collect or third number calls, or both.

Optional Daily Usage File

1.   Upon written request from Knology, BellSouth will provide the Optional Daily Usage File (ODUF) service to Knology pursuant to the terms and conditions set forth in this section.

2.   Knology shall furnish all relevant information required by BellSouth for the provision of the Optional Daily Usage File.

3.   The Optional Daily Usage Feed will contain billable messages that were carried over the BellSouth Network and processed in the BellSouth Billing System, but billed to a Knology customer.

        Charges for delivery of the Optional Daily Usage File will appear on Knology's monthly bills. The charges are as set forth in Exhibit A to this Attachment.

4.   The Optional Daily Usage Feed will contain both rated and unrated messages. All messages will be in the standard Alliance for Telecommunications Industry Solutions (ATIS) EMI record format.

5.   Messages that error in Knology's billing system will be the responsibility of Knology. If, however, Knology should encounter significant volumes of errored messages that prevent processing by Knology within its systems, BellSouth will work with the to determine the source of the errors and the appropriate resolution.

6.   The following specifications shall apply to the Optional Daily Usage Feed.

6.1   Usage To Be Transmitted

6.1.1   The following messages recorded by BellSouth will be transmitted to Knology:

        -   Message recording for per use/per activation type services (examples: Three Way Calling, Verify, Interrupt, Call Return, ETC.)

        -   Measured billable Local

        -   Directory Assistance messages

        -   IntraLATA Toll

- WATS & 800 Service

- N11

- Information Service Provider Messages

- Operator Services Messages

- Operator Services Message Attempted Calls (UNE only)

- Credit/Cancel Records

- Usage for Voice Mail Message Service

6.1.2 Rated Incollects (originated in BellSouth and from other companies) can also be on Optional Daily Usage File. Rated Incollects will be intermingled with BellSouth recorded rated and unrated usage. Rated Incollects will not be packed separately.

6.1.3 BellSouth will perform duplicate record checks on records processed to Optional Daily Usage File. Any duplicate messages detected will be deleted and not sent to Knology.

6.1.4 In the event that Knology detects a duplicate on Optional Daily Usage File they receive from BellSouth, Knology will drop the duplicate message (Knology will not return the duplicate to BellSouth).

6.2 <u>Physical File Characteristics</u>

6.2.1 The Optional Daily Usage File will be distributed to Knology via an agreed medium with CONNECT:Direct being the preferred transport method. The Daily Usage Feed will be a variable block format (2476) with an LRECL of 2472. The data on the Daily Usage Feed will be in a non-compacted EMI format (175 byte format plus modules). It will be created on a daily basis (Monday through Friday except holidays). Details such as dataset name and delivery schedule will be addressed during negotiations of the distribution medium. There will be a maximum of one dataset per workday per OCN.

6.2.2 Data circuits (private line or dial-up) may be required between BellSouth and Knology for the purpose of data transmission. Where a dedicated line is required, Knology will be responsible for ordering the circuit, overseeing its installation and coordinating the installation with BellSouth. Knology will also be responsible for any charges associated with this line. Equipment required on the BellSouth end to attach the line to the mainframe computer and to transmit successfully ongoing will be negotiated on a case by case basis. Where a dial-up facility is required, dial circuits will be installed in the BellSouth data center by BellSouth and the associated charges

assessed to Knology. Additionally, all message toll charges associated with the use of the dial circuit by Knology will be the responsibility of Knology. Associated equipment on the BellSouth end, including a modem, will be negotiated on a case by case basis between the parties. All equipment, including modems and software, that is required on Knology end for the purpose of data transmission will be the responsibility of Knology.

6.3   Packing Specifications

6.3.1   A pack will contain a minimum of one message record or a maximum of 99,999 message records plus a pack header record and a pack trailer record. One transmission can contain a maximum of 99 packs and a minimum of one pack.

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

        THE DATA WILL BE PACKED USING ATIS EMI RECORDS.

6.4   Pack Rejection

6.4.1   Knology will notify BellSouth within one (1) business day of rejected packs (via the mutually agreed medium). Packs could be rejected because of pack sequencing discrepancies or a critical edit failure on the Pack Header or Pack Trailer records (i.e. out-of-balance condition on grand totals, invalid data populated). Standard ATIS EMI Error Codes will be used. Knology will not be required to return the actual rejected data to BellSouth. Rejected packs will be corrected and retransmitted to Knology by BellSouth.

6.5   Control Data

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

6.6   Testing

6.6.1   Upon request from Knology, BellSouth shall send test files to Knology for the Optional Daily Usage File. The parties agree to review and discuss the file's content and/or format. For testing of usage results, BellSouth shall request that Knology set up a production (LIVE) file. The live test may consist of Knology's employees

making test calls for the types of services Knology requests on the Optional Daily Usage File. These test calls are logged by Knology, and the logs are provided to BellSouth. These logs will be used to verify the files. Testing will be completed within thirty (30) calendar days from the date on which the initial test file was sent.

Enhanced Optional Daily Usage File

1.   Upon written request from Knology, BellSouth will provide the Enhanced Optional Daily Usage File (EODUF) service to Knology pursuant to the terms and conditions set forth in this section. EODUF will only be sent to existing ODUF subscribers who request the EODUF option.

2.   Knology shall furnish all relevant information required by BellSouth for the provision of the Enhanced Optional Daily Usage File.

3.   The Enhanced Optional Daily Usage File (EODUF) will provide usage data for local calls originating from resold Flat Rate Business and Residential Lines.

4.   Charges for delivery of the Enhanced Optional Daily Usage File will appear on Knology's monthly bills. The charges are as set forth in Exhibit A to this Attachment.

5.   All messages will be in the standard Alliance for Telecommunications Industry Solutions (ATIS) EMI record format.

6.   Messages that error in the billing system of Knology will be the responsibility of Knology. If, however, Knology should encounter significant volumes of errored messages that prevent processing by Knology within its systems, BellSouth will work with Knology to determine the source of the errors and the appropriate resolution.

7.   The following specifications shall apply to the Optional Daily Usage Feed.

7.1   <u>Usage To Be Transmitted</u>

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

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

Date of Call

From Number

To Number

Connect Time

Conversation Time

Method of Recording

From RAO

Rate Class

Message Type

Billing Indicators

Bill to Number

7.1.2   BellSouth will perform duplicate record checks on EODUF records processed to Optional Daily Usage File. Any duplicate messages detected will be deleted and not sent to Knology.

7.1.3   In the event that Knology detects a duplicate on Enhanced Optional Daily Usage File they receive from BellSouth, Knology will drop the duplicate message (Knology will not return the duplicate to BellSouth).

7.2   Physical File Characteristics

7.2.1   The Enhanced Optional Daily Usage Feed will be distributed to Knology over their existing Optional Daily Usage File (ODUF) feed. The EODUF messages will be intermingled among Knology's Optional Daily Usage File (ODUF) messages. The EODUF will be a variable block format (2476) with an LRECL of 2472. The data on the EODUF will be in a non-compacted EMI format (175 byte format plus modules). It will be created on a daily basis (Monday through Friday except holidays).

7.2.2   Data circuits (private line or dial-up) may be required between BellSouth and Knology for the purpose of data transmission. Where a dedicated line is required, Knology will be responsible for ordering the circuit, overseeing its installation and coordinating the installation with BellSouth. Knology will also be responsible for any charges associated with this line. Equipment required on the BellSouth end to attach the line to the mainframe computer and to transmit successfully ongoing will be negotiated on a case by case basis. Where a dial-up facility is required, dial circuits will be installed in the BellSouth data center by BellSouth and the associated charges assessed to Knology. Additionally, all message toll charges associated with the use of the dial circuit by Knology will be the responsibility of Knology. Associated equipment on the BellSouth end, including a modem, will be negotiated on a case by case basis between the parties. All equipment, including modems and software, that is required on Knology's end for the purpose of data transmission will be the responsibility of Knology.

7.3   Packing Specifications

7.3.1   A pack will contain a minimum of one message record or a maximum of 99,999 message records plus a pack header record and a pack trailer record. One transmission can contain a maximum of 99 packs and a minimum of one pack.

7.3.2   The Operating Company Number (OCN), From Revenue Accounting Office (RAO), and Invoice Number will control the invoice sequencing. The From RAO will be used to identify to Knology which BellSouth RAO that is sending the message. BellSouth and Knology will use the invoice sequencing to control data exchange. BellSouth will be notified of sequence failures identified by Knology and resend the data as appropriate.

        THE DATA WILL BE PACKED USING ATIS EMI RECORDS.

Attachment 1
Exhibit F
Rates - Page 1

BELLSOUTH/CLEC-1 RATES
ODUF/EODUF

RATES BY STATE

DESCRIPTION	USOC	AL	FL	GA	KY	LA	MS	NC	SC	TN
ODUF: Recording, per message	NA	$0.002	$0.008	$0.0001275	$0.0000811	$0.00019	$0.0001179	$0.0003	$0.0000262	$0.008
ODUF: Message Processing, per message	NA	$0.0033	$0.004	$0.0002348	$0.0002257	$0.0024	$0.0002099	$0.002	$0.0002344	$0.004
EODUF: Message Processing, per message	NA	$0.004	$0.004	$0.0004555	$0.004	$0.004	$0.004	$0.004	$0.004	$0.004
ODUF: Message Processing, per magnetic tape provisioned	NA	$55.19	$54.95	$28.85	$55.08	$47.30	$54.82	$54.61	$54.72	$54.95
EODUF: Message Processing, per magnetic tape provisioned	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ODUF: Data Transmission (CONNECT:DIRECT), per message	NA	$0.00004	$0.001	$0.000434	$0.0000365	$0.00003	$0.000354	$0.0004	$0.000357	$0.001
EODUF: Data Transmission (CONNECT:DIRECT), per message	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
* Volume and Term arrangements are also available.										

NOTES:
If no rate is identified in the contract, the rate for the specific service or function will be as set forth in applicable BellSouth tariff or as negotiated by the parties upon request by either party.

Version 2Q00: 8/10/00

Attachment 2

Network Elements and Other Services

TABLE OF CONTENTS

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 Knology 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 D 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 request for the use of the network elements or
           combinations that would impair the ability of Knology to offer
           telecommunications service in the manner Knology intends.

1.2.2   Except upon request by Knology, BellSouth shall not separate requested network
           elements that BellSouth currently combines.

1.2.2.1   Unless otherwise ordered by an appropriate state or federal regulatory agency,
           currently combined Network Elements are defined as elements that are already
           combined within BellSouth's network to a given location.

1.3   BellSouth shall, upon request of Knology, and to the extent technically feasible,
           provide to Knology access to its network elements for the provision of Knology's
           telecommunications service. If no rate is identified in the contract, the rate for the
           specific service or function will be as set forth in applicable BellSouth tariff or as
           negotiated by the Parties upon request by either Party.

1.4   Knology may purchase network elements and other services from BellSouth for
           the purpose of combining such network elements in any manner Knology 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 Knology for combining to the designated Knology

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 to the extent that they are consistent with the greater of BellSouth's actual performance or applicable industry standards.

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   Knology will adopt and adhere to the standards contained in the applicable CLEC Work Center Operational Understanding Agreement regarding maintenance and installation of service.

1.8   Standards for Network Elements

1.8.1   BellSouth shall comply with the requirements set forth in the technical references, as well as any performance or other requirements identified in this Agreement, to the extent that they are consistent with the greater of BellSouth's actual performance or applicable industry standards.

1.8.2   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's collocation space will require cross-office cabling and cross-connections within the central office to connect the loop to a local switch or to other transmission equipment. These cross-connects are a separate component, that are not considered a part of the loop, and thus, have a separate charge.

2.1.4   BellSouth Order Coordination referenced in Attachment 2 includes two types: "Order Coordination" and "Order Coordination - Time Specific."

2.1.5   "Order Coordination" refers to standard BellSouth service order coordination involving SL2 voice loops and all digital loops. Order coordination for physical conversions will be scheduled at BellSouth's discretion during normal working hours on the committed due date and Knology advised.

2.1.6   "Order Coordination – Time Specific" refers to service order coordination in which Knology requests a specific time for a service order conversion to take place. 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. Knology may specify a time between 9:00 a.m. and 4:00 p.m. (location time) Monday through Friday (excluding holidays). If Knology 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.

2.1.7   Where facilities are available, BellSouth will install loops within a 5-7 business days interval. For orders of 14 or more loops, 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 Knology, expedite charges will apply for intervals less than 5 days. The charges outlined in BellSouth's FCC # 1 Tariff, Section 5, will apply. If Knology cancels an order for network elements and other services, any costs incurred by BellSouth in conjunction with the provisioning of that order will be recovered in accordance with FCC #1 Tariff, Section 5.

2.1.8   If Knology modifies an order after being sent a Firm Order Confirmation (FOC) from BellSouth, any costs incurred by BellSouth to accommodate the modification will be reimbursed by Knology.

2.1.9   BellSouth will offer Unbundled Voice Loops (UVL) in two different service levels - Service Level One (SL1) and Service Level Two (SL2).

2.1.10   SL1 loops will be non-designed, will not have test points, and will not come with any Order Coordination (OC) or engineering information/circuit make-up data. Upon issuance of an 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 customers. If Knology 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.

2.1.11   SL2 loops shall have test points, with or without conditioning, will be designed with a design layout record provided to Knology, and will be provided with OC. The OC feature will allow Knology to coordinate the installation of the loop with the disconnect of an existing customer's service and/or number portability service. In these cases, BellSouth will perform the order conversion with standard order coordination at its discretion during normal work hours.

2.1.12   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).

2.1.13   As a chargeable option on all loops except UVL-SL1 and UCL, BellSouth will offer Order Coordination - Time Specific (OC-TS). This will allow Knology 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.

2.1.14   Knology will be responsible for testing and isolating troubles on the loops. Once Knology has isolated a trouble to the BellSouth provided loop, Knology will issue a trouble to BellSouth on the loop. BellSouth will take the actions necessary to repair the loop if a trouble actually exists. BellSouth will repair these loops in the same time frames that BellSouth repairs similarly situated loops to its customers.

2.1.15   If Knology reports a trouble on SL1 loops and no trouble actually exists, BellSouth will charge Knology for any dispatching and testing (both inside and outside the CO) required by BellSouth in order to confirm the loop's working status.

2.1.16 If Knology reports a trouble on SL2 loops and no trouble actually exists, BellSouth will charge Knology for any dispatching and testing, (outside the CO) required by BellSouth in order to confirm the loop's working status.

2.1.17 In addition to the UVLs and UDLs, BellSouth shall make available Unbundled Copper Loops (UCLs). 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). The UCL will be offered in two versions - Short and Long. A short UCL (18 kft or less) will be provisioned according to Resistance Design parameters, may have up to 6kft of bridged tap and will have up to 1300 ohms of resistance. The long UCL (beyond 18kft) will be any dry copper pair longer than 18kft and may have up to 12kft of bridged tap and up to 2800 ohms of resistance. Unbundled Loop Modifications (ULM) may be used when a CLEC wants to condition copper loops by removing load coils and other intervening equipment. In almost every case, the UCL long will require ULM to remove load coils. BST will only ensure electrical continuity and balance relative to tip and ring on UCLs.

2.1.18 The UCL will be a designed circuit, with or without conditioning, provisioned with a test point and come standard with a DLR. OC will be offered as a chargeable option on all UCL loops. Order Coordination – Time Specific (OC-TS) will not be offered on UCLs.

2.1.19 The UCL is a dry cooper loop and is not intended to support any particular telecommunications service. Knology may use the UCL loop for a variety of services, including xDSL (e.g., ADSL and HDSL) services, by attaching appropriate terminal equipment of Knology's choosing. Knology will determine the type of service that will be provided over the loop.

2.1.20 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.

2.1.21 The UCL loop shall be provided to CLEC in accordance with BellSouth's Technical Reference 73600.

2.1.22 <u>Technical Requirements</u>

2.1.22.1 To the extent available within BellSouth's Network at a particular location, 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). If a requested loop type is not available, then the CLEC can use the Special Construction process to request

that BellSouth place facilities or otherwise modify facilities in order to meet Knology's request.

2.1.22.2   Knology will be responsible for providing BellSouth with a Service Profile Identifier (SPID) associated with a particular ISDN-capable loop and end user. With the SPID, BellSouth will be able to adequately test the circuit and ensure that it properly supports ISDN service.

2.1.22.3   The loop will support the transmission, signaling, performance and interface requirements of the services described in 2.1.3 above. It is recognized that the requirements of different services are different, and that a number of types or grades of loops are required to support these services. Services provided over the loop by Knology will be consistent with industry standards and BellSouth's TR73600.

2.1.22.4   Knology may utilize the unbundled loops to provide any telecommunication service it wishes. However, BellSouth will only provision, maintain and repair the loops to the standards that are consistent with the type of loop ordered. For example, if Knology orders an ISDN-capable loop but wants to use the loop for a service other than ISDN, BellSouth will only support that the loop is capable of providing ISDN service. For non-service specific loops (e.g. UCL, loops modified by Knology using the Special Construction process), BellSouth will only support that the loop has copper continuity and balanced tip-and-ring.

2.1.22.5   In some instances, Knology will require access to a copper twisted pair loop unfettered by any intervening equipment (e.g., filters, load coils, range extenders, etc.), so that Knology can use the loop for a variety of services by attaching appropriate terminal equipment at the ends. Knology will determine the type of service that will be provided over the loop. In some cases, Knology may be required to pay additional charges for the removal of certain types of equipment. BellSouth's Unbundled Loop Modifications (ULM)process will be used to determine the costs and feasibility of these activities.

2.1.22.6   In those cases where Knology has requested that BellSouth modify a loop so that it no longer meets the technical parameters of the original loop type (e.g., voice grade, ISDN, ADSL, etc.) the resulting modified loop will be ordered and maintained as a UCL.

2.1.22.7   The loop shall be provided to Knology in accordance with BellSouth's TR73600 Unbundled Local Loop Technical Specification and applicable industry standard technical references.

2.2   Unbundled Loop Modifications (Line Conditioning)

2.2.1   Subject to applicable and effective FCC rules and orders, BellSouth shall condition loops, as requested by Knology, whether or not BellSouth offers

advanced services to the End User on that loop.

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

2.2.3   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.

2.2.4   BellSouth shall recover the cost of line conditioning requested by Knology through a recurring charge and/or nonrecurring charge(s) in accordance with the FCC's forward-looking pricing principles promulgated pursuant to Section 252 (d) (1) of the Act and in compliance with FCC Rule 52.507 (e).

2.3   **Integrated Digital Loop Carriers**

2.3.1   Where BellSouth uses Integrated Digital Loop Carrier (IDLC) systems to provide the local loop and BellSouth has a suitable alternate facility available, BellSouth will make arrangements to permit Knology to order a contiguous local loop. To the extent it is technically feasible, these arrangements will provide Knology with the capability to serve end users at a level that is at parity with the level of service BellSouth provides its customers. 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. Knology will then have the option of paying the one-time SC rates to place the loop facilities or Knology may chose some other method of providing service to the end-user (e.g., Resale, private facilities, etc.).

2.4   **Network Interface Device**

2.4.1   Definition

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

2.4.2   BellSouth shall permit Knology to connect Knology's loop facilities the end-user's inside wire through the BellSouth NID or at any other technically feasible point.

2.4.3   <u>Access to Network Interface Device (NID)</u>

2.4.3.1   Due to the wide variety of NIDs utilized by BellSouth (based on subscriber size and environmental considerations), Knology may access the end user's wire by any of the following means: BellSouth shall allow Knology 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. Knology agrees to install compatible protectors and test jacks and to maintain the protection system and equipment and to indemnify BellSouth pursuant to Section 8 of the General Terms and Conditions of this Agreement.

2.4.3.2   Where an adequate length of the end user's inside wire is present and environmental conditions permit, either Party may remove the inside wire 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 inside wiring through a suitable "punch-out" hole of such NID enclosures; or

2.4.3.4   Request BellSouth to make other rearrangements to the inside wiring terminations or terminal enclosure on a time and materials cost basis to be charged to the requesting Party (i.e., Knology, 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 unless: (1) the applicable Commission has expressly permitted the same; (2) the disconnecting Party provides prior notice to the other Party, and (3) the Party disconnecting appropriately caps off and guards the other Party's loops. It will be the CLEC's responsibility to ensure there is no safety hazard and will hold BellSouth harmless for any liability associated with the removal of the BellSouth loop from the BellSouth NID. In such cases, it shall be the responsibility of the disconnecting party, once the other Party's loop has been disconnected from the NID, to reconnect the disconnected loop to a nationally- recognized–testing-laboratory-listed station protector, which has been grounded as per Article 800 of the National Electrical Code. If CLEC does not wish to accept this responsibility, other options exist in which BellSouth installs a NID for the CLEC as a chargeable option.

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 Knology 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 Knology'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. Knology may request BellSouth do additional work to the NID in accordance with Section 2.4.3.8. When Knology deploys its own local loops with respect to multiple-line termination devices, Knology shall specify the quantity of NIDs connections that it requires within such device.

2.4.5   <u>Interface Requirements</u>

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 Knology 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 Knology at Knology'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   Where facilities permit and subject to applicable and effective FCC rules and orders, BellSouth shall offer access to its Unbundled Sub Loop (USL) and Unbundled Sub-loop Concentration (USLC) System. BellSouth shall provide non-discriminatory access, in accordance with 51.311 and Section 251(c) (3) of the Act, to the sub-loop. 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   Sub-loop 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 Sub-Loop Feeder.

2.7   **Unbundled Sub-Loop (distribution facilities)**

2.7.1   <u>Definition</u>

2.7.1.1   Subject to applicable and effective FCC rules and orders, the unbundled sub-loop distribution facility is dedicated transmission facility that BellSouth provides from a customer's point of demarcation to a BellSouth cross-connect device. The BellSouth cross-connect device may be located within a remote terminal (RT) or a stand-alone cross-box in the field or in the equipment room of a building. The unbundled sub-loop distribution media is a copper twisted pair that can be provisioned as a 2 Wire or 4 Wire facility. Following are the current sub-loop distribution offerings:

2.7.1.1.1 Voice grade Unbundled Sub-Loop Distribution (USL-D) is a sub-loop facility from the cross-box in the field up to and including the point of demarcation, at the end user's premises.

2.7.1.1.2 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 voice grade Unbundled Sub-Loop may have load coils, which are necessary for transmission of voice grade services.

2.7.1.1.3 Unbundled Copper Sub-Loop (UCSL) is a non-loaded copper facility of any length provided from the cross-box in the field up to and including the end-user's point of demarcation.

2.7.1.1.3.1 If available, this facility will not have any intervening equipment such as load coils between the end-user and the cross-box.

2.7.2   If Knology requests a UCSL and a non-loaded pair is not available, Knology may order Unbundled Sub-Loop Modification to remove load coils and/or bridge tap from an existing sub-loop facility. If load coils are removed from an existing sub-loop, that sub-loop will be classified as a UCSL. Knology may order Loop Make-up to determine what loop modifications will be required.

2.7.3   Unbundled Sub-Loop distribution facilities shall support functions associated with provisioning, maintenance and testing of the Unbundled Sub-Loop. For access to Voice Grade USL-D and UCSL, Knology would be required to deliver a cable to the BellSouth remote terminal or cross-box in the field to provide continuity to Knology's feeder facilities. This cable would be connected, by a BellSouth technician, within the BellSouth RT/cross-box during the set-up process. Knology's cable pairs can then be connected to BellSouth's USL within the BellSouth cross-box by the BellSouth technician.

2.7.4   Unbundled Sub-Loop – Intrabuilding Network Cable (USL-INC) (a.k.a. riser cable) is the distribution facility inside a subscribers' building or between buildings on one customer's same premises (continuous property not separated by a public street or road). USL-INC includes the facility from the cross-connect device in the building equipment room up to and including the point of demarcation, at the end user's premises.

2.7.5   In a scenario that requires connection in a building equipment room, BellSouth will install a cross connect panel that will be installed for the purpose of accessing USL-INC pairs. The cross-connect panel will function as a single point of interconnection (SPOI) for USL-INC and will be accessible by multiple carriers as space permits. BellSouth will place cross-connect blocks in 25 pair increments for Knology's use on this cross-connect panel. Knology will be responsible for connecting its facilities to the 25 pair cross-connect block(s).

2.7.6   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 Knology 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 Section 2.7.6. 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 2.8.6) to accommodate Knology's request for Unbundled Sub-Loops, Knology may request BellSouth's Special Construction (SC) process to determine additional costs required to provision the Unbundled Sub-Loops. Knology will have the option of paying the SC charges to modify the BellSouth facilities.

2.7.7   Set-up work must be completed before Knology can order sub-loop pairs. During the 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 and the connecting block(s) that will be used to provide access to the requested USLs.

2.7.7.1   Once the set-up is complete, the CLEC will request sub-loop pairs through submission of a Local Service Request (LSR) form to the Local Carrier Service Center (LCSC). Manual Order Coordination is required with USL pair provisioning and is in addition to the USL pair rate. For expedite requests by Knology for sub-loop pairs, expedite charges will apply for intervals less than 5 days.

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

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

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

2.8.1   BellSouth agrees to offer its Unbundled Network Terminating Wire (UNTW) to Knology pursuant to the following terms and conditions at rates as set forth in this Attachment.

2.8.2   Definition

2.8.2.1   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. UNTW is the final portion of the loop owned by BellSouth.

2.8.3   Requirements

2.8.3.1   On a multi-unit premises where Provisioning Party owns the network terminating wire, and by request of Requesting Party, Provisioning Party will provide access to UNTW pairs on an Access Terminal that is suitable for use by multiple carriers at each Garden Terminal or Wiring Closet..

2.8.3.2   In new construction where possible, both Parties may at their option and with the property owner's agreement install their own Network Terminating Wire (NTW). In existing construction, the Provisioning Party shall not be required to install new or additional NTW beyond existing NTW to provision the services of the Requesting Party.

2.8.3.3   Upon notice from the Requesting Party to the Provisioning party that the Requesting Party desires access to the Provisioning Party's UNTW pairs in a multi-unit premises, representatives of both Parties will participate in a meeting at the site of the requested access. The purpose of the site visit will include

discussion of the procedures for Access Terminal installation, location and addresses of the Access Terminals and to discuss an estimated completion date. Upon completion of site visit, the Requesting Party will submit a Service Inquiry (SI) to the person or organization designated by the Provisioning Party to receive the SI. The SI will initiate the work for the Provisioning Party to begin the Access Terminal installation. In multi-tenant unit (MTU) scenarios, Provisioning Party will provide access to UNTW pairs on an Access Terminal(s). By request of the Requesting Party, an Access Terminal will be installed either adjacent to each Provisioning Party's Garden Terminal or inside each Wiring Closet on the requested MTU. All the UNTW pairs served by a Garden Terminal/Wiring Closet will be made available on the Access Terminals. Requesting Party will deliver and connect its central office facilities to the UNTW pairs within the Access Terminal. Requesting Party may access any available pair on an Access Terminal unless the Provisioning Party or another service provider is using the pair to concurrently provide service. Prior to connecting Requesting Party's service on a pair previously used by Provisioning party, Requesting Party is responsible for ensuring the end-user is no longer using Provisioning Party's service or another CLEC's service before accessing UNTW pairs.

2.8.3.4   Provisioning Party will use best efforts to complete installation of the Access Terminals within thirty (30) business days of the receipt by the Provisioning Party of the Service Inquiry from the Requesting Party.

2.8.3.5   Requesting Party is responsible for obtaining the property owner's permission for Provisioning Party to install an Access Terminal(s) on behalf of the Requesting Party. The submission of the SI by the Requesting Party will serve as certification by the Requesting Party that such permission has been obtained.

2.8.3.6   Requesting Party will be billed for non-recurring and recurring charges for accessing UNTW pairs at the time the Requesting Party activates the pair(s). Knology will report use of the UNTW pairs on a Local Service Request (LSR) form submitted to BellSouth's Local Carrier Service Center (LCSC).

2.8.3.7   Requesting Party will isolate and report repair problems to the UNE center. Requesting Party must tag the UNTW pair that requires repair. If Provisioning Party dispatches a technician on a reported trouble call and no UNTW trouble is found, Provisioning Party will charge Requesting Party for time spent on the dispatch and testing the UNTW pair(s).

2.8.3.8   If Requesting Party initiates the Access Terminal installation and the Requesting Party has not activated at least one pair on the Access Terminal installed pursuant to Requesting Party's request for an Access Terminal within 6 months of installation of the Access Terminal, Provisioning Party will bill Requesting Party a non-recurring charge equal to the actual cost of provisioning the Access Terminal.

2.8.3.9   If Provisioning Party determines that Requesting Party is using the UNTW pairs without reporting such usage to BellSouth, the following charges shall apply in addition to any fines which may be established by state commissions and any other remedies at law or in equity available to the Provisioning Party:

2.8.3.10   If Requesting Party issued a LSR to disconnect an end-user from BellSouth in order to use a UNTW pair, Requesting Party will be billed for the use of the pair back to the disconnect order date.

2.8.3.11   If Requesting Party activated a UNTW pair on which Provisioning Party was not previously providing service, Requesting Party will be billed for the use of that pair back to the date the end-user began receiving service using that pair. Upon request, Requesting Party will provide copies of its billing record to substantiate such date. If Requesting Party fails to provide such records, then Provisioning Party will bill the Requesting Party back to the date of the Access Terminal installation.

2.9   **Unbundled Sub-Loop Concentration System (USLC)**

2.9.1   Where facilities permit and where necessary to comply with an effective Commission order, BellSouth will provide to Knology with the ability to concentrate its sub-loops onto multiple DS1s back to the BellSouth Central Office. The DS1s will then be terminated into Knology's collocation space. TR-008 and TR303 interface standards are available.

2.9.2   USLC, using the Lucent Series 5 equipment, will be offered in two different systems. System A will allow up to 96 of Knology's sub-loops to be concentrated onto multiple DS1s. System B will allow an additional 96 of Knology'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.

2.9.3   In these scenarios Knology 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 Knology's sub-loops to then be placed on the ULSC and transported to their collocation space at a DS1 level.

2.10   **Unbundled Sub-Loop Feeder**

2.10.1   Definition

2.10.1.1   Unbundled Sub-Loop Feeder (USLF) provides connectivity between BellSouth's central office and its cross-box (or other access point) that serves an end user location.

2.10.2   USLF is intended to be utilized for voice traffic and can be configured as 2-wire voice (USLF-2W/V) or 4-wire voice (USLF-4W/V).

2.10.3   USLF can also to be utilized for digital traffic and can be configured as 2-wire ISDN (USLF-2W/I); 2-wire Copper (USLF-2W/C); 4-wire Copper (USLF-4W/C) facilities: 4-wire DS0 level loop (USLF-4W/D0); or 4-wire DS1 & ISDN (USLF-4W/DI).

2.10.4   USLF will provide the facilities needed to provision a 2W or 4W communications pathway from the BellSouth central office to the BellSouth cross-box. This element will allow for the connection of the Knologys loop distribution elements onto BellSouth's feeder system.

2.10.5   Requirements

2.10.5.1   Knology will extend its compatible cable to BellSouth's cross-box. The cable will then be connected to a panel inside the BellSouth cross-box to the requested level of feeder element. In those cases when there is no room in the BellSouth cross-box to accommodate the additional cross-connect panels mentioned above, BellSouth will utilize its Special Construction process to determine the costs to provide the sub-loop feeder element to Knology. Knology will then have the option of paying the special construction charges or canceling the order.

2.10.5.2   USLF will be a designed circuit and BellSouth will provide a Design Layout Record (DLR) for this element.

2.10.5.3   BellSouth will provide USLF elements in accordance with applicable industry standards for these types of facilities. Where industry standards do not exist, BellSouth's TR73600 will be used to determine performance parameters.

2.11   **Dark Fiber**

2.11.1   Definition

2.11.1.1   Dark Fiber is optical transmission facilities without attached signal regeneration, multiplexing, aggregation or other electronics that connects two points within BellSouth's network. Dark Fiber is unused strands of optical fiber. It may be strands of optical fiber existing in aerial or underground structure. No line

terminating elements terminated to such strands to operationalize its transmission capabilities will be available.

2.11.2   Requirements

2.11.2.1   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 Knology.

2.11.2.2   If the requested dark fiber has any lightwave repeater equipment interspliced to it, BellSouth will remove such equipment at Knology's request subject to time and materials charges.

2.11.2.3   Knology may test the quality of the Dark Fiber to confirm its usability and performance specifications.

2.11.2.4   BellSouth shall use its best efforts to provide to Knology 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 Knology ("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 Knology's use and may not allow any other party to use such media, including BellSouth.

2.11.2.5   BellSouth shall use its best efforts to make Dark Fiber available to Knology within thirty (30) business days after it receives written confirmation from Knology that the Dark Fiber previously deemed available by BellSouth is wanted for use by Knology. This includes identification of appropriate connection points (e.g., Light Guide Interconnection (LGX) or splice points) to enable Knology to connect or splice Knology provided transmission media (e.g., optical fiber) or equipment to the Dark Fiber.

2.11.2.6   Dark Fiber shall meet the manufacturer's design specifications.

2.11.2.7   Knology may splice and test Dark Fiber obtained from BellSouth using Knology or Knology 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.

2.12   **Rates**

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

2.13 **Operational Support Systems (OSS)**

2.13.1 BellSouth has developed and made available the following electronic interfaces by which Knology may submit LSRs electronically.

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

2.13.2 LSRs submitted by means of one of these electronic 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 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:

OPERATIONAL SUPPORT SYSTEMS	AL, GA, LA, MS, NC, SC	FL, KY, TN
OSS LSR charge, per LSR received from the CLEC by one of the OSS interactive interfaces	$3.50 SOMEC	$3.50 SOMEC
Incremental charge per LSR received from the CLEC by means other than one of the OSS interactive interfaces	See applicable rate element	$19.99 SOMAN

2.13.3 Denial/Restoral OSS Charge

2.13.3.1 In the event Knology 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.

2.13.4 Cancellation OSS Charge

2.13.4.1 Knology will incur an OSS charge for an accepted LSR that is later canceled by Knology.

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

2.13.5 Network Elements and Other Services Manual Additive

2.13.5.1 The Commissions in some states have ordered per-element manual additive non-recurring charges (NRC) for Network Elements and Other Services ordered

by means other than one of the interactive interfaces. These ordered Network Elements and Other Services manual additive NRCs will apply in these states, rather than the charge per LSR. The per-element charges are listed on the Rate Tables in Exhibit D.

2.14   **Preordering Loop Makeup (LMU)**

2.14.1   Description of Service

2.14.1.1   BellSouth shall make available to Knology loop makeup (LMU) data for BellSouth's network facilities. This section addresses LMU as a *preordering* transaction, distinct from Knology 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.

2.14.1.2   BellSouth will provide Knology with loop makeup information consisting of the composition of the loop material (copper/fiber); the existence, location and type of equipment on the loop, including but not limited to digital loop carrier or other remote concentration devises, feeder/distribution interfaces, bridge taps, load coils, pair-gain devices; the loop length; and the wire gauge. The LMUSI may be utilized by Knology for the purpose of determining whether the loop requested is capable of supporting DSL service or other advanced data services. The determination shall be made solely by Knology and BellSouth shall not be liable in any way for the performance of the advanced data services provisioned over said loop.

2.14.1.3   BellSouth's LMU information is provided to Knology 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.

2.14.1.4   Targeted deployment of this service commences in the month of July, 2000 for manual LMU. Mechanized LMU is available for limited deployment at the end of July, 2000 to those CLECs that have effective X-Digital Subscriber Line (xDSL) Beta Test Agreements in place with BellSouth.

2.14.2   Submitting Loop Makeup Service Inquiries

2.14.2.1   Knology will be able to 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 resulting loop data from the mechanized LMUSI process, if Knology determines that it needs further loop data information in order to make a determination of loop service capability, Knology may initiate a separate manual SI for a separate nonrecurring charge as set forth in Section 2.14.3.

2.14.2.2   **Manual** LMUSIs shall be submitted on the preordering manual LMUSI form by means of fax or electronic-mail to BellSouth's Complex Resale Support Group (CRSG)/Account Team utilizing the Preordering Loop Makeup Service Inquiry form. The standard service interval for the return of a Loop Makeup Manual Service Inquiry is seven business days. This service interval is distinct from the interval applied to the subsequent service order. Manual LMUSIs are not subject to expedite requests.

2.14.3   <u>LMUSI Types & Associated Charges</u>

        Knology may request LMU information by submitting LMUSIs in accordance with the rate elements in Exhibit D.

2.14.3.1   Knology will be assessed a nonrecurring charge for each facility queried as specified in the table above. Rates for all states are interim and subject to true-up pending approval of final rates by the respective State Commissions. True-ups will be retroactive to the effective date of this Agreement.

2.14.3.2   Knology may reserve facilities for up to four (4) days in connection with a LMUSI. Reserved facilities for which Knology does not plan to place a UNE local service request (LSR) should be cancelled by Knology. Should Knology wish to cancel a reservation on a spare facility, the cancellation will require a facility reservation number (RESID/FRN).

2.14.3.3   The reservation holding timeframe is a maximum of four days from the time that BellSouth's LMU data is returned to Knology for the facility queried. During this holding time and prior to Knology's placing an LSR, the reserved facilities are rendered unavailable to other customers, whether for CLEC(s) or for BellSouth. Notwithstanding the foregoing, BellSouth does not guarantee that a reservation will assure Knology's ability to order the exact facility reserved.

2.14.3.4   If Knology does not submit an LSR for a UNE service order 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.

2.14.3.5   Charges for preordering LMUSI are separate from any charges associated with ordering other services from BellSouth.

2.14.4   <u>Ordering of Other UNE Services</u>

2.14.4.1   Whenever Knology has reserved a facility through BellSouth's preordering LMU service, should Knology seek to place a subsequent UNE LSR on a reserved facility, Knology shall provide BellSouth the RESID/FRN of the single spare facility on the appropriate UNE LSR., Knology will be billed the appropriate rate element for the specific type UNE loop ordered by Knology as set forth in this Attachment. Knology will not be billed any additional Loop Makeup charges for

the loop so ordered. Should Knology choose to place a UNE LSR having previously submitted a request for *preordering LMU* _without_ *a reservation*, Knology will be billed the appropriate rate element for the specific UNE loop ordered as well as additional Loop Markup charges as set forth in this Attachment. Rates are provided in the UNE Rate Exhibits for Attachment 2.

2.14.4.2   Where Knology submits an LSR to order facilities reserved during the LMUSI process, BellSouth will use its best efforts to assign to Knology the facility reserved as indicated on the return of the LMU. Multi-facility reservations per single RESID/FRN as provided with the mechanized LMUSI process are less likely to result in the specific assignment requested by Knology. For those occasions when BellSouth's assignment system cannot assign the specific facility reserved by Knology during the LMU pre-ordering transaction, BellSouth will assign to Knology, subject to availability, a facility that meets the BellSouth technical standards of the BellSouth type loop as ordered by Knology. If the ordered loop type is not available, Knology may utilize the Unbundled Loop Modification process or the Special Construction process, as applicable, to obtain the loop type ordered.

2.14.4.3   BellSouth offers LMU information for the sole purpose of allowing Knology to determine whether, in CLEC's judgment, BellSouth's loops will support the specific services that Knology wishes to provide over those loops. Knology 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; however, such configurations may not match BellSouth's or the industry's standards and specifications for the intended type and level of service. Accordingly, Knology shall be responsible for insuring that the specific loop type (ADSL, HDSL, or otherwise) ordered on the LSR matches the LMU of the facility requested. Knology bears full responsibility for being knowledgeable of BellSouth's technical standards and the specifications of BellSouth's loops. Knology bears full responsibility for making the appropriate ordering decisions of matching BellSouth loops with Knology's equipment for accomplishing Knology's end goal for the intended service it wishes to provide its end-user(s). Knology is fully responsible for any of its service configurations that may differ from BellSouth's technical standard for the loop type ordered.

3.   High Frequency Spectrum Network Element

3.1   General

3.1.1   BellSouth shall provide Knology 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 D. BellSouth shall provide Knology with the High Frequency Spectrum irrespective of whether BellSouth chooses to offer xDSL services on the loop.

3.1.2   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 Knology 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. Knology shall only use xDSL technology that is within the PSD mask parameters set forth in T1.413 or other applicable industry standards. Knology shall provision xDSL service on the High Frequency Spectrum in accordance with the applicable Technical Specifications and Standards.

3.1.3   The following loop requirements are necessary for Knology 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 Knology shall pay as interim rates, the same rates that BellSouth charges for conditioning stand-alone loops (e.g.,unbundled copper loops, ADSL loops, and HDSL loops) until permanent pricing for loop conditioning is established either by mutual agreement or by a state public utility commission. The interim costs for conditioning are subject to true up as provided in paragraph 4.0. BellSouth will condition loops to enable Knology 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 for shared-line xDSL if conditioning of that loop significantly degrades BellSouth's voice service. BellSouth shall charge, and Knology shall pay, for such conditioning the same rates BellSouth charges for conditioning stand-alone loops (e.g., unbundled copper loops, ADSL loops, and HDSL loops.) If Knology requests that BellSouth condition a loop longer than 18,000 ft. and such conditioning significantly degrades the voice services on the loop, Knology shall pay for the loop to be restored to its original state.

3.1.4   Knology's termination point is the point of termination for Knology on the toll main distributing frame in the central office ("Termination Point"). BellSouth will use jumpers to connect the Knology's connecting block to the splitter. The splitter will route the High Frequency Spectrum on the circuit to the Knology's xDSL equipment in the Knology's collocation space.

3.1.5   Knology shall have access to the splitter for test purposes, irrespective of where the splitter is placed in the BellSouth premises.

3.2   Provisioning of High Frequency Spectrum and Splitter Space

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

3.2.1.1   .BellSouth is unable to obtain a sufficient number of splitters for placement in all central offices requested by competitive local exchange carriers ("CLECs") by June 6, 2000. Therefore, BellSouth, Knology and other CLECs have developed a process for allocating the initial orders of splitters. BellSouth will install all splitters ordered on or before April 26, 2000, in accordance with the schedule set forth in Attachment 1 of this Agreement. Once all splitters ordered by all CLECs on or before April 26, 2000, have been installed, BellSouth will install splitters within forty-two (42) calendar days of Knology's submission of such order to the BellSouth Complex Resale Support Group; provided, however, that in the event BellSouth did not have reasonable notice that a particular central office was to have a splitter installed therein, the forty-two (42) day interval shall not apply. Collocation itself or an application for collocation will serve as reasonable notice. BellSouth and Knology will reevaluate this forty-two (42) day interval on or before August 1, 2000.

3.2.1.2   After June 6, 2000, once a splitter is installed on behalf of Knology in a central office, Knology shall be entitled to order the High Frequency Spectrum on lines served out of that central office.

3.2.1.3   BellSouth will select, purchase, install, and maintain a central office POTS splitter and provide Knology 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 Knology with a carrier notification letter at least 30 days before such change and shall work collaboratively with Knology to select a mutually agreeable brand of splitter for use by BellSouth. Knology shall thereafter purchase ports on the splitter as set forth more fully below.

3.2.1.4   BellSouth will install the splitter in (i) a common area close to the Knology collocation area, if possible; or (ii) in a BellSouth relay rack as close to the Knology DS0 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. BellSouth will cross-connect the splitter data ports to a specified Knology DS0 at such time that a Knology end user's service is established.

3.2.1.5   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 Knology desires to continue providing xDSL service on such loop, Knology shall be required to purchase the full stand-alone loop unbundled network element. However, if the end user terminates service with BellSouth because it is changing voice service to a voice providing CLEC, Knology shall only be permitted to continue to use the loop if there is another loop physically available to the voice providing CLEC. In the event BellSouth disconnects the end-user's voice service pursuant to its tariffs or applicable law, and Knology desires to continue providing xDSL service on such loop, Knology shall be permitted to continue using the line by purchasing the full stand-alone loop unbundled network element. BellSouth shall give Knology notice in a reasonable time prior to disconnect, which notice shall give Knology an adequate opportunity to notify BellSouth of its intent to purchase such loop. The Parties shall work collaboratively towards the mode of notification and the time periods for notice. In those cases in which BellSouth no longer provides voice service to the end user and Knology purchases the full stand-alone loop, Knology may elect the type of loop it will purchase. Knology will pay the appropriate recurring and non-recurring rates for such loop as set for in Attachment 2 of the Agreement. In the event Knology purchases a voice grade loop, Knology acknowledges that such loop may not remain xDSL compatible.

3.2.1.6   Knology 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 Knology agree that Knology is entitled to purchase the High Frequency Spectrum on a loop that is provisioned over fiber fed digital loop carrier. BellSouth will provide Knology with access to feeder sub-loops at UNE prices. BellSouth and Knology will work together to establish methods and procedures for providing Knology access to the High Frequency Spectrum over fiber fed digital loop carriers.

3.3   Only one competitive local exchange carrier shall be permitted access to the High Frequency Spectrum of any particular loop

3.3.1   To order High Frequency Spectrum on a particular loop, Knology must have a DSLAM collocated in the central office that serves the end-user of such loop. BellSouth will work collaboratively with Knology to create a concurrent process that allows Knology to order splitters in central offices where Knology is in the process of obtaining collocation space and enables BellSouth to install such splitters before the end of Knology's collocation provisioning interval. While that process is being developed, Knology may order splitters in a central office once it has installed its Digital Subscriber Line Access Multiplexer ("DSLAM") in that central office. BellSouth will install these splitters within the interval provided in paragraph 3.2.1.1.

3.3.2   BellSouth will devise a splitter order form that allows Knology to order splitter ports in increments of 24 or 96 ports.

3.3.2.1   BellSouth will provide Knology the Local Service Request ("LSR") format to be used when ordering the High Frequency Spectrum.

3.3.3   BellSouth will initially provide access to the High Frequency Spectrum within the following intervals: Beginning on June 6, 2000, BellSouth will return a Firm Order Confirmation ("FOC") in no more than two (2) business days after receipt of a valid, error free LSR. BellSouth will provide Knology with access to the High Frequency Spectrum as follows:

3.3.3.1   For 1-5 lines at the same address within three (3) business days from the receipt of Knology's FOC; 6-10 lines at same address within 5 business days from the receipt of Knology's FOC; and more than 10 lines at the same address is to be negotiated. BellSouth and Knology will re-evaluate these intervals on or before August 1, 2000.

3.3.4   Knology will initially use BellSouth's existing pre-qualification functionality and order processes to pre-qualify line and order the High Frequency Spectrum. Knology and BellSouth will continue to work together to modify these functionalities and processes to better support provisioning the High Frequency Spectrum. BellSouth will use its best efforts to make available to Knology, by the fourth quarter of 2000, an electronic pre-ordering, ordering, provisioning, repair and maintenance and billing functionalities for the High Frequency Spectrum.

3.4   Maintenance and Repair

3.4.1   Knology shall have access, for test, repair, and maintenance purposes, to any loop as to which it has access to the High Frequency Spectrum. Knology may access the loop at the point where the combined voice and data signal exits the central office splitter.

3.4.2   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. Knology will be responsible for repairing data services. Each Party will be responsible for maintaining its own equipment.

3.4.3   If the problem encountered appears to impact primarily the xDSL service, the end user should call Knology. If the problem impacts primarily the voice service, the end user should call BellSouth. If both services are impaired, the recipient of the call should coordinate with the other service provider(s).

3.4.4   BellSouth and Knology 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 Knology 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.

3.4.5   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 Repairing Party that the trouble is on the Repairing Party's portion of the loop. The Repairing Party will take the actions necessary to repair the loop if it determines a trouble exists in its portion of the loop.

3.4.6   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.

3.4.7   In the event Knology'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 Knology and allow twenty-four (24) hours to cure the trouble. If Knology fails to resolve the trouble, BellSouth may discontinue Knology's access to the High Frequency Spectrum on such loop.

3.5   Pricing

3.5.1   BellSouth and Knology agree to the following 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. Once a docket in a particular state in BellSouth's region has been opened to determine permanent prices for the High Frequency Spectrum, BellSouth will provide cost studies for that state for the High Frequency Spectrum upon Knology's written request, within 30 days or such other date as may be ordered by a state commission. All cost related information shall be provided pursuant to a proprietary, non-disclosure agreement.

3.5.2   BellSouth and Knology enter into this Agreement without waiving current or future relevant legal rights and without prejudicing any position BellSouth or Knology 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 Knology 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 Knology might take before the FCC or any state public utility commission related to the terms and conditions under which BellSouth must provide Knology with access to the High Frequency Spectrum. The interim rates set forth herein 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.

4. **Switching**

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

4.1 **Local Switching**

4.1.1 BellSouth shall provide non-discriminatory access to local circuit switching capability, and local tandem switching capability, on an unbundled basis, except as set forth below in Section 4.1.3.3 to Knology for the provision of a telecommunications service. BellSouth shall provide non-discriminatory access to packet switching capability on an unbundled basis to Knology for the provision of a telecommunications service only in the limited circumstance described below in Section 4.4.6.

4.1.2 Except as otherwise provided herein, BellSouth shall not impose any restrictions on Knology 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.

4.1.3 **Local Circuit Switching Capability, including Tandem Switching Capability**

4.1.3.1 <u>Definition</u>

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 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.

4.1.3.2   Notwithstanding BellSouth's general duty to unbundle local circuit switching, BellSouth shall not be required to unbundle local circuit switching for Knology when Knology 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.

4.1.3.3   In the event that Knology 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 Knology the market based rate in Exhibit D for use of the local circuit switching functionality for the affected facilities.

4.1.3.4   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 Knology. Any features that are not currently then capable but are technically feasible through the switch can be requested through the BFR process.

4.1.3.5   BellSouth will provide to Knology 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 Knology's PIC'ed toll traffic in a two (2) PIC environment to an alternative OS/DA platform designated by Knology. Knology customers may use the same dialing arrangements as BellSouth customers.

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

4.1.3.7   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.

4.1.3.8   Where required to do so in order to comply with an effective Commission order, BellSouth will provide to Knology 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. Knology customers may use the same dialing arrangements as BellSouth customers, but obtain a Knology branded service.

4.1.4   <u>Technical Requirements</u>

4.1.4.1   The requirements set forth in this Section apply to Local Switching, but not to the Data Switching function of Local Switching.

4.1.4.2   Local Switching shall be equal to or better than the requirements for Local Switching set forth in the applicable industry standard technical references.

4.1.4.3   When applicable, BellSouth shall route calls to the appropriate trunk or lines for call origination or termination.

4.1.4.4   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 Knology will be made pursuant to the Bona Fide Request/ New Business Request Process as set forth in General Terms and Conditions.

4.1.4.5   BellSouth shall provide unbranded recorded announcements and call progress tones to alert callers of call progress and disposition.

4.1.4.6   BellSouth shall activate service for an Knology customer or network interconnection on any of the Local Switching interfaces. This includes provisioning changes to change a customer from BellSouth's services to Knology's services without loss of switch feature functionality as defined in this Agreement.

4.1.4.7   BellSouth shall perform routine testing (e.g., Mechanized Loop Tests (MLT) and test calls such as 105, 107 and 108 type calls) and fault isolation on a mutually agreed upon schedule.

4.1.4.8   BellSouth shall repair and restore any equipment or any other maintainable component that may adversely impact Local Switching.

4.1.4.9   BellSouth shall control congestion points such as those caused by radio station call-ins, and network routing abnormalities. All traffic shall be restricted in a non-discriminatory manner.

4.1.4.10   BellSouth shall perform manual call trace and permit customer originated call trace.

4.1.4.11   Special Services provided by BellSouth will include the following:

4.1.4.11.1 Telephone Service Prioritization;

4.1.4.11.2   Related services for handicapped;

4.1.4.11.3   Soft dial tone where required by law; and

4.1.4.11.4   Any other service required by law.

4.1.4.12   BellSouth shall provide Switching Service Point (SSP) capabilities and signaling software to interconnect the signaling links destined to the Signaling Transfer Point Switch (STPS). These capabilities shall adhere to the technical specifications set forth in the applicable industry standard technical references.

4.1.4.13   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.

4.1.4.14   BellSouth shall provide performance data regarding a customer line, traffic characteristics or other measurable elements to Knology, upon a reasonable request from Knology. CLEC will pay BellSouth for all costs incurred to provide such performance data through the Business Opportunity Request process.

4.1.4.15   BellSouth shall offer Local Switching that provides feature offerings at parity to those provided by BellSouth to itself or any other Party.

4.1.4.16   BellSouth shall offer to Knology all AIN triggers in connection with its SMS/SCE offering which are supported by BellSouth for offering AIN-based services

4.1.4.17   Where capacity exists, BellSouth shall assign each Knology customer line the class of service designated by Knology (e.g., using line class codes or other switch specific provisioning methods), and shall route directory assistance calls from Knology customers to Knology directory assistance operators at Knology's option.

4.1.4.18   Where capacity exists, BellSouth shall assign each Knology customer line the class of services designated by Knology (e.g., using line class codes or other switch specific provisioning methods) and shall route operator calls from Knology customers to Knology operators at Knology's option. For example, BellSouth may translate 0- and 0+ intraLATA traffic, and route the call through appropriate trunks to an Knology Operator Services Position System (OSPS). Calls from Local Switching must pass the ANI-II digits unchanged.

4.1.4.19   Local Switching shall be offered in accordance with the technical specifications set forth in the applicable industry standard references.

4.1.5   Interface Requirements   BellSouth shall provide the following interfaces to loops:

4.1.5.1   Standard Tip/Ring interface including loopstart or groundstart, on-hook signaling (e.g., for calling number, calling name and message waiting lamp);

4.1.5.2   Coin phone signaling;

4.1.5.3   Basic Rate Interface ISDN adhering to appropriate Telcordia (formerly BellCore) Technical Requirements;

4.1.5.4   Two-wire analog interface to PBX;

4.1.5.5   Four-wire analog interface to PBX;

4.1.5.6   Four-wire DS1 interface to PBX or customer provided equipment (e.g. computers and voice response systems);

4.1.5.7   Primary Rate ISDN to PBX adhering to ANSI standards Q.931, Q.932 and appropriate Telcordia (formerly BellCore) Technical Requirements;

4.1.5.8   Switched Fractional DS1 with capabilities to configure Nx64 channels (where N = 1 to 24); and

4.1.5.9   Loops adhering to Telcordia (formerly BellCore) TR-NWT-08 and TR-NWT-303 specifications to interconnect Digital Loop Carriers.

4.1.6   BellSouth shall provide access to the following but not limited to:

4.1.6.1   SS7 Signaling Network or Multi-Frequency trunking if requested by Knology;

4.1.6.2   Interface to Knology operator services systems or Operator Services through appropriate trunk interconnections for the system; and

4.1.6.3   Interface to Knology Directory Assistance Services through the Knology switched network or to Directory Assistance Services through the appropriate trunk interconnections for the system; and 950 access or other Knology required access to interexchange carriers as requested through appropriate trunk interfaces.

4.2   **Tandem Switching**

4.2.1   <u>Definition</u>

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

4.2.2   <u>Technical Requirements</u>

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:

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

4.2.2.2   Tandem Switching will provide screening as jointly agreed to by Knology and BellSouth;

4.2.2.3   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;

4.2.2.4   Tandem Switching shall provide access to Toll Free number portability database as designated by Knology;

4.2.2.5   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));

4.2.2.6   Tandem Switching shall provide connectivity to PSAPs where 911 solutions are deployed and the tandem is used for 911; and

4.2.2.7   Where appropriate, Tandem Switching shall provide connectivity to transit traffic to and from other carriers.

4.2.3   Tandem Switching shall accept connections (including the necessary signaling and trunking interconnections) between end offices, other tandems, IXCs, ICOs, CAPs and CLEC switches.

4.2.4   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).

4.2.5   Tandem Switching shall preserve CLASS/LASS features and Caller ID as traffic is processed.

4.2.6   Tandem Switching shall record billable events and send them to the area billing centers designated by Knology. Tandem Switching will provide recording of all billable events as jointly agreed to by Knology and BellSouth.

4.2.7   Upon a reasonable request from Knology, 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 Knology.

4.2.8   BellSouth shall maintain Knology's trunks and interconnections associated with Tandem Switching at least at parity to its own trunks and interconnections.

4.2.9   BellSouth shall control congestion points and network abnormalities. All traffic will be restricted in a non-discriminatory manner.

4.2.10   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 Knology and BellSouth.

4.2.11   Tandem Switching shall process originating toll-free traffic received from Knology's local switch.

4.2.12   In support of AIN triggers and features, Tandem Switching shall provide SSP capabilities when these capabilities are not available from the Local Switching Network Element, to the extent such Tandem Switch has such capability.

4.2.13   Interface Requirements

4.2.13.1   Tandem Switching shall provide interconnection to the E911 PSAP where the underlying Tandem is acting as the E911 Tandem.

4.2.13.2   Tandem Switching shall interconnect, with direct trunks, to all carriers with which BellSouth interconnects.

4.2.13.3   BellSouth shall provide all signaling necessary to provide Tandem Switching with no loss of feature functionality.

4.2.13.4   Tandem Switching shall interconnect with Knology's switch, using two-way trunks, for traffic that is transiting via BellSouth's network to interLATA or intraLATA carriers. At Knology's request, Tandem Switching shall record and keep records of traffic for billing.

4.2.13.5   Tandem Switching shall provide an alternate final routing pattern for Knology's traffic overflowing from direct end office high usage trunk groups.

4.2.13.6   Tandem Switching shall be equal or better than the requirements for Tandem Switching set forth in the applicable technical references.

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

4.3.1   BellSouth will provide AIN Selective Carrier Routing at the request of Knology. AIN Selective Carrier Routing will provide Knology 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.

4.3.2   Knology 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.

4.3.3   AIN Selective Carrier Routing is not available in DMS 10 switches.

4.3.4   Where AIN Selective Carrier Routing is utilized by Knology, the routing of Knology's end user calls shall be pursuant to information provided by Knology 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.

4.3.5   Upon ordering of AIN Selective Carrier Routing Regional Service, Knology shall remit to BellSouth the Regional Service Order non-recurring charges set forth in Exhibit D 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 D of this Attachment. For each Knology end user activated, there shall be a non-recurring End User Establishment charge as set forth in Exhibit D of this Attachment, payable to BellSouth pursuant to the terms of the General Terms and Conditions, incorporated herein by this reference. Knology shall pay the AIN Selective Carrier Routing Per Query Charge set forth in Exhibit D of this Attachment.

4.3.6   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.

4.3.7   The non-recurring End Office Establishment Charge will be billed to the client following our normal monthly billing cycle for this type of order.

4.3.8   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.

4.3.9   Additionally, the AIN Selective Carrier Routing Per Query Charge will be billed to the client following the normal billing cycle for per query charges.

4.3.10   All other network components needed, for example, unbundled switching and unbundled local transport, etc, will be billed according per contracted rates.

4.4   **Packet Switching Capability**

4.4.1   <u>Definition</u>

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:

4.4.2   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);

4.4.3   The ability to forward the voice channels, if present, to a circuit switch or multiple circuit switches;

4.4.4   The ability to extract data units from the data channels on the loops, and

4.4.5   The ability to combine data units from multiple loops onto one or more trunks connecting to a packet switch or packet switches.

4.4.6   BellSouth shall be required to provide non-discriminatory access to unbundled packet switching capability only where each of the following conditions are satisfied:

4.4.6.1   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);

4.4.6.2   There are no spare copper loops capable of supporting the xDSL services Knology seeks to offer;

4.4.6.3   BellSouth has not permitted Knology to deploy a Digital Subscriber Line Access Multiplexer at the remote terminal, pedestal or environmentally controlled vault or other interconnection point, nor has the Knology obtained a virtual collocation arrangement at these sub-loop interconnection points as defined by 47 C.F.R. § 51.319 (b); and

4.4.6.4   BellSouth has deployed packet switching capability for its own use.

4.4.7   If there is a dispute as to whether BellSouth must provide Packet Switching , such dispute will be resolved according tot the dispute resolution process set forth in Section 12 of the General Terms and Conditions of this Agreement, incorporated herein by this reference.

4.6   **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 Knology for the provision of a telecommunications service.

4.7   **Rates**

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

4.8   **Operational Support Systems (OSS)**

The terms, conditions and rates for OSS are as set forth in Section 2 of this Attachment.

5.   **Unbundled Network Element Combinations**

5.1.   Unbundled Network Element Combinations shall include: 1) Enhanced Extended Links (EELs) 2) UNE Loops/Special Access Combinations 3) Loop/Port Combinations and 4) Transport Combinations.

5.2.   For purposes of this Section, references to "Currently Combined" network elements 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.

5.3.   **EELs**

5.3.1   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 5.3.2 below.

5.3.2   Subject to Section 5.3.3 below, BellSouth will provide access to the EEL in the combinations set forth in Section 5.3.4 following. This offering is intended to provide connectivity from an end user's location through that end user's SWC to Knology's POP serving wire center. The circuit must be connected to Knology's switch for the purpose of provisioning telephone exchange service to Knology's end-user customers. The EEL will be connected to Knology's facilities in

Knology's collocation space at the POP SWC, or Knology may purchase BellSouth's access facilities between Knology's POP and Knology's collocation space at the POP SWC.

5.3.3   BellSouth shall provide EEL combinations to Knology in Georgia regardless of whether or not such EELs are Currently Combined. In all other states, BellSouth shall make available to Knology those EEL combinations described in Section 5.3.4 below only to the extent such combinations are Currently Combined. Furthermore, BellSouth will make available EEL combinations to Knology 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, NC; 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 Knology only to the extent such network elements are Currently Combined.

5.3.4   EEL Combinations

5.3.4.1   DS1 Interoffice Channel + DS1 Channelization + 2-wire VG Local Loop

5.3.4.2   DS1 Interoffice Channel + DS1 Channelization + 4-wire VG Local Loop

5.3.4.3   DS1 Interoffice Channel + DS1 Channelization + 2-wire ISDN Local Loop

5.3.4.4   DS1 Interoffice Channel + DS1 Channelization + 4-wire 56 kbps Local Loop

5.3.4.5   DS1 Interoffice Channel + DS1 Channelization + 4-wire 64 kbps Local Loop

5.3.4.6   DS1 Interoffice Channel + DS1 Local Loop

5.3.4.7   DS3 Interoffice Channel + DS3 Local Loop

5.3.4.8   STS-1 Interoffice Channel + STS-1 Local Loop

5.3.4.9   DS3 Interoffice Channel + DS3 Channelization + DS1 Local Loop

5.3.4.10   STS-1 Interoffice Channel + DS3 Channelization + DS1 Local Loop

5.3.4.11   2-wire VG Interoffice Channel + 2-wire VG Local Loop

5.3.4.12   4wire VG Interoffice Channel + 4-wire VG Local Loop

5.3.4.13   4-wire 56 kbps Interoffice Channel + 4-wire 56 kbps Local Loop

5.3.4.14   4-wire 64 kbps Interoffice Channel + 4-wire 64 kbps Local Loop

5.3.5   EEL combinations for DS1 level and above will be available only when Knology provides and handles at least one third of the end user's local traffic over the

facility provided. In addition, on the DS1 loop portion of the combination, at least fifty (50) percent of the activated channels must have at least five (5) percent local voice traffic individually and, for the entire DS1 facility, at least ten (10) percent of the traffic must be local voice traffic.

5.3.6   When combinations of loop and transport network elements include multiplexing, each of the individual DS1 circuits must meet the above criteria.

5.3.7   Special Access Service Conversions

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

5.3.7.1.1   Knology certifies that it is the exclusive provider of an end user's local exchange service. The loop-transport combinations must terminate at Knology'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, Knology is the end user's only local service provider, and thus, is providing more than a significant amount of local exchange service. Knology 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

5.3.7.1.2   Knology 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 dialtone 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 criteria. The loop-transport combination must terminate at Knology'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

5.3.7.1.3   Knology certifies that at least 50 percent of the activated channels on a circuit are used to provide originating and terminating local dialtone service and at least 50 percent of the traffic on each of these local dialtone 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 criteria. This option does not allow loop-transport combinations to be connected to BellSouth's tariffed services. Under this option, collocation is not required. Knology 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.

5.3.7.2   In addition, there may be extraordinary circumstances where Knology is providing a significant amount of local exchange service, but does not qualify under any of the three options set forth in Section 5.3.7.1. In such case, Knology may petition the FCC for a waiver of the local usage options set forth in the June 2, 2000 Order. If a waiver is granted, then upon Knology's request the Parties shall amend this Agreement to the extent necessary to incorporate the terms of such waiver for such extraordinary circumstance.

5.3.7.3   BellSouth may at its sole discretion audit Knology records in order to verify the type of traffic being transmitted over combinations of loop and transport network elements. The audit shall be conducted by a third party independent auditor, and Knology 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, Knology shall reimburse BellSouth for the cost of the audit. If, based on its audits, BellSouth concludes that Knology is not providing a significant amount of local exchange traffic over the combinations of loop and transport network elements, BellSouth may file a complaint with the appropriate Commission, pursuant to the dispute resolution process as set forth in the Interconnection Agreement. In the event that BellSouth prevails, BellSouth may convert such combinations of loop and transport network elements to special access services and may seek appropriate retroactive reimbursement from Knology.

5.3.7.4   Knology may convert special access circuits to combinations of loop and transport UNEs pursuant to the terms of this Section and subject to the termination provisions in the applicable special access tariffs, if any.

5.3.8   Rates

5.3.8.1   Georgia

5.3.8.2   The non-recurring and recurring rates for the EEL Combinations of network elements set forth in 5.3.4 whether Currently Combined or new, are as set forth in Exhibit D of this Amendment.

5.3.8.3   On an interim basis, for combinations of loop and transport network elements not set forth in Section 5.3.4, where the elements are not Currently Combined but are ordinarily combined in BellSouth's network, the non-recurring and recurring charges for such UNE combinations shall be the sum of the stand-alone non-recurring and recurring charges of the network elements which make up the combination. These interim rates shall be subject to true-up based on the Commission's review of BellSouth's cost studies.

5.3.8.4   To the extent that Knology seeks to obtain other combinations of network elements that BellSouth ordinarily combines in its network which have not been specifically priced by the Commission when purchased in combined form, Knology, at its option, can request that such rates be determined pursuant to the Bona Fide Request/New Business Request (NBR) process set forth in this Agreement.

5.3.8.5   All Other States

5.3.8.5.1   Subject to Section 5.3.2 and 5.3.3 preceding, for all other states, the non-recurring and recurring rates for the Currently Combined EEL combinations set forth in Section 5.3.4 and other Currently Combined network elements will be the sum of the recurring rates for the individual network elements plus a non recurring charge set forth in Exhibit D of this Attachment.

5.3.8.6   Multiplexing

5.3.8.6.1   Where multiplexing functionality is required in connection with loop and transport combinations, such multiplexing will be provided at the rates and on the terms set forth in this Agreement.

5.4   **Other Network Element Combinations**

5.4.1.1   In the state of Georgia, BellSouth shall make available to Knology, in accordance with Section 5.4.2.1 below: (1) combinations of network elements other than EELs that are Currently Combined; and (2) combinations of network elements other than EELs that are not Currently Combined but that BellSouth ordinarily combines in its network. In all other states, BellSouth shall make available to Knology, in accordance with Section 5.4.2.2 below, combinations of network elements other than EELs only to the extent such combinations are Currently Combined.

5.4.2   Rates

5.4.2.1   Georgia

5.4.2.1.1   The non-recurring and recurring rates for Other Network Element combinations, whether Currently Combined or new, are as set forth in Exhibit D of this Attachment.

5.4.2.1.2   On an interim basis, for Other Network Element combinations where the elements are not Currently Combined but are ordinarily combined in BellSouth's network, the non-recurring and recurring charges for such UNE combinations shall be the sum of the stand-alone non-recurring and recurring charges of the network elements which make up the combination. These interim rates shall be subject to true-up based on the Commission's review of BellSouth's cost studies.

5.4.2.1.3   To the extent that Knology seeks to obtain other combinations of network elements that BellSouth ordinarily combines in its network which have not been specifically priced by the Commission when purchased in combined form, Knology, at its option, can request that such rates be determined pursuant to the Bona Fide Request/New Business Request (NBR) process set forth in this Agreement.

5.4.2.2   All Other States ·

5.4.2.2.1   For all other states, the non-recurring and recurring rates for the Other Network Element Combinations that are Currently Combined will be the sum of the recurring rates for the individual network elements plus a non recurring charge set forth in Exhibit D of this Attachment.

5.5   **UNE/Special Access Combinations**

5.5.1   Additionally, BellSouth shall make available to Knology a combination of an unbundled loop and tariffed special access interoffice facilities. To the extent Knology will require multiplexing functionality in connection with such combination, BellSouth will provide access to multiplexing within the central office pursuant to the terms, conditions and rates set forth in its Access Services Tariffs. The tariffed special access interoffice facilities and any associated tariffed services, including but not limited to multiplexing, shall not be eligible for conversion to UNEs as described in Section 5.3.7.

5.5.2   **Rates**

5.5.2.1   The non-recurring and recurring rates for UNE/Special Access Combinations will be the sum of the unbundled loop rates as set forth in Exhibit D and the interoffice transport rates and multiplexing rates as set forth in the Access Services Tariff.

5.6   **Port/Loop Combinations**

5.6.1   At Knology's request, BellSouth shall provide access to combinations of port and loop network elements, as set forth in Section 5.6.3 below, that are Currently Combined in BellSouth's network except as specified in Sections 5.6.1.1 and 5.6.1.2 below.

5.6.1.1   BellSouth shall not 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.

5.6.1.2   In accordance with effective and applicable FCC rules, BellSouth shall not be required to provide circuit switching as an unbundled network element in density Zone 1, as defined in 47 C.F.R. 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 Knology if Knology's customer has 4 or more DS0 equivalent lines.

5.6.2   Combinations of port and loop network elements provide local exchange service for the origination or termination of calls. BellSouth shall make available the following loop and port combinations at the terms and at the rates set forth below:

5.6.2.1   In Georgia, BellSouth shall provide to Knologycombinations of port and loop network elements to Knology on an unbundled basis regardless of whether or not such combinations are Currently Combined except in those locations where BellSouth is not required to provide circuit switching, as set forth in Section 5.6.1.2 above. The rates for such combinations shall be the cost based rates set forth in Exhibit D of this Attachment.

5.6.2.2   In all other states, BellSouth shall provide to Knology combinations of port and loop network elements on an unbundled basis if such combinations are Currently Combined, except in those locations where BellSouth is not required to provide unbundled circuit switching, as forth in Sections 5.6.1.1 and 5.6.1.2 above. The rates for such combinations shall be the cost based rates set forth in Exhibit D of this Attachment.

5.6.2.3   In all states other than Georgia, except in those locations where BellSouth is not required to provide unbundled circuit switching, as set forth in Sections 5.6.1.1 and 5.6.1.2, BellSouth shall provide to Knology combinations of port and loop network elements that are not Currently Combined. The rate for such combinations shall be negotiated by the Parties.

5.6.2.4   In those locations where BellSouth is not required to provide unbundled circuit switching, as set forth in Sections 5.6.1.1 and 5.6.1.2, BellSouth shall provide to Knology combinations of port and loop network elements whether or not such combinations are Currently Combined. The rates for Currently Combined combinations are the market based rates as set forth in Exhibit D. The rates for not Currently Combined combinations shall be negotiated by the Parties.

5.6.3   Combination Offerings

5.6.3.1   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.

5.6.3.2   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.

5.6.3.3   2-wire CENTREX 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.

5.6.3.4   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.

5.6.3.5   2-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.

5.6.3.6   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.

6.   **Transport, Channelization 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   Interoffice transmission facility network elements include:

6.1.1.1   Dedicated transport, defined as BellSouth's transmission facilities, is dedicated to a particular customer or carrier that provides telecommunications between wire centers or switches owned by BellSouth, or between wire centers and switches owned by BellSouth and Knology.

6.1.1.2   Dark Fiber transport, defined as BellSouth's optical transmission facilities without attached signal regeneration, multiplexing, aggregation or other electronics;

6.1.1.3   Common (Shared) transport, defined as transmission facilities shared by more than one carrier, including BellSouth, between end office switches, between end

office switches and tandem switches, and between tandem switches, in BellSouth's network.

6.2   BellSouth shall:

6.2.1   Provide Knology 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;

6.2.2   Provide all technically feasible transmission facilities, features, functions, and capabilities that Knology could use to provide telecommunications services;

6.2.3   Permit, to the extent technically feasible, Knology to connect such interoffice facilities to equipment designated by Knology, including but not limited to, Knology's collocated facilities; and

6.2.4   Permit, to the extent technically feasible, Knology to obtain the functionality provided by BellSouth's digital cross-connect systems in the same manner that BellSouth provides such functionality to interexchange carriers.

6.3   **Common (Shared) Transport**

6.3.1   Definition of Common (Shared) Transport

6.3.1.1   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.

6.3.2   Technical Requirements of Common (Shared) Transport

6.3.2.1   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.

6.3.2.2   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.

6.3.2.3   BellSouth shall be responsible for the engineering, provisioning, and maintenance of the underlying equipment and facilities that are used to provide Common (Shared) Transport.

6.3.2.4   At a minimum, Common (Shared) Transport shall meet all of the requirements set forth in the applicable industry standard technical references.

6.4   **Dedicated Transport**

6.4.1   Definitions

6.4.2   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.

6.4.3   Unbundled Local Channel

6.4.4   Unbundled Local Channel is the dedicated transmission path between Knology's Point of Presence and the BellSouth Serving Wire Center's collocation.

6.4.5   Unbundled Interoffice Channel.

6.4.6   Unbundled Interoffice Channel is the dedicated transmission path that provides telecommunication between BellSouth's Serving Wire Centers' collocations.

6.4.7   BellSouth shall offer Dedicated Transport in each of the following ways:

6.4.7.1   As capacity on a shared UNE facility.

6.4.7.2   As a circuit (e.g., DS0, DS1, DS3) dedicated to Knology. This circuit shall consist of an Unbundled Local Channel or an Unbundled Interoffice Channel or both.

6.4.8   When Dedicated Transport is provided it shall include:

6.4.8.1   Transmission equipment such as, line terminating equipment, amplifiers, and regenerators;

6.4.8.2   Inter-office transmission facilities such as optical fiber, copper twisted pair, and coaxial cable.

6.4.9   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.

6.4.10   Technical Requirements

6.4.10.1   This Section sets forth technical requirements for all Dedicated Transport.

6.4.10.2   When BellSouth provides Dedicated Transport, the entire designated transmission service (e.g., DS0, DS1, DS3) shall be dedicated to Knology designated traffic.

6.4.10.3   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.

6.4.10.4   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.

6.4.10.5   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.

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

6.4.10.6.1   DS0 Equivalent;

6.4.10.6.2   DS1 (Extended SuperFrame - ESF);

6.4.10.6.3   DS3 (signal must be framed);

6.4.10.6.4   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.

6.4.10.6.5   When Dedicated Transport is provided, BellSouth shall design it according to BellSouth's network infrastructure to allow for the termination points specified by Knology.

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

6.4.11.1   BellSouth Technical References:

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

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

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

6.4.12   Provided that the facility is used to transport a significant amount of local
            exchange services Knology shall be entitled to convert existing interoffice
            transmission facilities (i.e., special access) to the corresponding interoffice
            transport network element option.

6.5   **Unbundled Channelization**

6.5.1   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. Channelization will be offered with both the high and the low speed
            sides to be connected to collocation.

6.5.2   Definition

6.5.2.1   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, Knology can have channels activated on an as-
            needed basis by having BellSouth connect lower level UNEs via Central Office
            Channel Interfaces (COCIs).

6.5.3   Channelization capabilities will be as follows:

6.5.3.1   DS3 Channelization System: An element that channelizes a DS3 signal into 28
            DS1s/STS-1s.

6.5.3.2   DS1 Channelization System: An element that channelizes a DS1 signal into 24
            DS0s.

6.5.3.3   Central Office Channel Interfaces (COCI): Elements that can be activated on a
            channelization system.

6.5.4   DS1 Central Office Channel Interface elements can be activated on a DS3
            Channelization System.

6.5.5   Voice Grade and Digital Data Central Office Channel Interfaces can be activated
            on a DS1 Channelization System.

6.5.6   AMI and B8ZS line coding with either Super Frame (SF) and Extended Super
            Frame (ESF) framing formats will be supported as options.

6.5.7   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.

6.5.8   Technical Requirements

6.5.8.1   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.

6.5.8.2   DS0 to DS1 Channelization

6.5.8.2.1   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*.

6.5.8.3   DS1 to DS3 Channelization

6.5.8.3.1   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, *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.

6.5.8.4   DS1 to STS Channelization

6.5.8.4.1   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*

6.6   **Dark Fiber**

6.6.1   <u>Definition</u>

6.6.2   Dark Fiber is optical transmission facilities without attached multiplexing, aggregation or other electronics that connects two points within BellSouth's network.Dark Fiber is unused strands of optical fiber. It may be strands of optical fiber existing in aerial or underground structure. No line terminating elements terminated to such strands to operationalize its transmission capabilities will be available.

6.6.3   <u>Requirements</u>

6.6.3.1   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 period, there is no requirement to provide said fiber to Knology.

6.6.3.2   If the requested dark fiber has any lightwave repeater equipment interspliced to it, BellSouth will remove such equipment at Knology's request subject to time and materials charges.

6.6.3.3   Knology may test the quality of the Dark Fiber to confirm its usability and performance specifications.

6.6.3.4   BellSouth shall use its best efforts to provide to Knology 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 Knology ("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 Knology's use an may not allow any other party to use such media, including BellSouth.

6.6.3.5   BellSouth shall use its best efforts to make Dark Fiber available to Knology within thirty (30) business days after it receives written confirmation from Knology that the Dark Fiber previously deemed available by BellSouth is wanted for use by Knology. This includes identification of appropriate connection points (e.g., Light Guide Interconnection (LGX) or splice points) to enable Knology to connect or splice Knology provided transmission media (e.g., optical fiber) or equipment to the Dark Fiber.

6.6.3.6   Dark Fiber shall meet the manufacturer's design specifications.

6.6.3.7   Knology may splice and test Dark Fiber obtained from BellSouth using Knology or Knology 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.

6.7   **Rates**

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

6.8   **Operational Support Systems (OSS)**

The terms, conditions and rates for OSS are as set forth in Section 2 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 Knology. BellSouth shall provide 8XX TFD in accordance with the following:

7.1.2   <u>Technical Requirements</u>

7.1.2.1   BellSouth shall provide Knology 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 Knology.

7.1.2.3   The SCP shall also provide, at Knology'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 Knology shall pay to BellSouth for Network Elements and Other Services are set forth in Exhibit D 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   Definition

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   Technical Requirements

8.2.4   BellSouth will offer to Knology any additional capabilities that are developed for LIDB during the life of this Agreement.

8.2.4.1 BellSouth shall process Knology's Customer records in LIDB at least at parity with BellSouth customer records, with respect to other LIDB functions. BellSouth shall indicate to Knology 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 Knology, BellSouth shall provide Knology with a list of the customer data items, which Knology 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 Knology data to the LIDB shall be solely at the direction of Knology. Such direction from Knology 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 Knology data upon Knology'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 Knology customer records will be missing from LIDB, as measured by Knology audits. BellSouth will audit Knology records in LIDB against DBAS to identify record mismatches and provide this data to a designated Knology contact person to resolve the status of the records and BellSouth will update system appropriately. BellSouth will refer record of mis-matches to Knology within one business day of audit. Once reconciled records are received back from Knology, 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 Knology 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 Knology'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 Knology 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 Knology and BellSouth.

8.2.4.11   BellSouth shall prevent any access to or use of Knology 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 Knology in writing.

8.2.4.12   BellSouth shall provide Knology 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 Knology at least at parity with BellSouth Customer Data. BellSouth shall obtain from Knology the screening information associated with LIDB Data Screening of Knology 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 Knology 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 Knology 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   <u>Interface Requirements</u>

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 Knology shall pay to BellSouth for Network Elements and Other Services are set forth in Exhibit D 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 Knology 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   Definition - 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   Technical Requirements

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 an Knology 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 Knology 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 Knology 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 Knology database, then Knology agrees to provide BellSouth with the Destination Point Code for the Knology 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 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 an Knology 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 Knology and BellSouth.

9.4.2.8   STPs shall be on parity with BellSouth.

9.4.2.9   <u>SS7 Advanced Intelligent Network (AIN) Access</u>

9.4.2.9.1   When technically feasible and upon request by Knology, 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 Knology SS7 network to exchange TCAP queries and responses with an Knology SCP.

9.4.2.9.2   SS7 AIN Access shall provide Knology SCP access to BellSouth local switch in association with switching via interconnection of BellSouth SS7 and Knology 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 Knology SCP as at least at parity with BellSouth's SCP's in terms of interfaces, performance and capabilities.

9.4.3   <u>Interface Requirements</u>

9.4.3.1   BellSouth shall provide the following STPs options to connect Knology or Knology-designated local switching systems or STPs to the BellSouth SS7 network:

9.4.3.1.1   An A-link interface from Knology local switching systems; and,

9.4.3.1.2   A B-link interface from Knology 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 cross-connect 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 Knology local switching systems or STPs with BellSouth STPs as soon as these become approved ANSI standards and available capabilities of BellSouth STPs. BellSouth and Knology 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 Knology 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 Knology local or tandem switching systems destined to any signaling point within BellSouth's SS7 network where the Knology 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 Knology local or tandem switching systems destined to any signaling point or network accessed through BellSouth's SS7 network where the Knology 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 Knology from any signaling point or network interconnected through BellSouth's SS7 network where the Knology 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   Definition

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 Knology 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   <u>Database Availability</u>

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 Knology 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>

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 Knology local Signaling Transfer Point Switches (STP) and Knology 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), Knology 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 Knology 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 an Knology 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 Knology 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 an Knology local or tandem switching system, SS7 Network Interconnection shall include intermediate GTT of messages to a gateway pair of Knology 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   <u>Interface Requirements</u>

9.7.13.1 BellSouth shall offer the following SS7 Network Interconnection options to connect Knology or Knology-designated local or tandem switching systems or STPs to the BellSouth SS7 network:

9.7.13.1.1 A-link interface from Knology local or tandem switching systems; and

9.7.13.1.2 B-link interface from Knology STPs.

9.7.13.2 The Signaling Point of Interconnection (SPOI) for each link shall be located at a cross-connect 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 Knology local switching systems or STPs with BellSouth STPs as soon as these become approved ANSI standards and available capabilities of BellSouth STPs. BellSouth and Knology 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 Knology 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 Knology local or tandem switching systems destined to any signaling point in the BellSouth SS7 network with which the Knology 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 Knology shall pay to BellSouth for Network Elements and Other Services are set forth in Exhibit D 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   Definition. 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   Definition. 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   Requirements

10.3.2.1   When Knology 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 Knology 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.

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 Knology 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 Knology that BellSouth provides for its own operator service.

10.3.2.1.14   BellSouth shall perform Billed Number Screening when handling Collect, Person-to-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 Knology.

10.3.2.1.16   BellSouth shall provide a feed of customer call records in "EMI" format to Knology 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 Knology, 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   Definition. 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 Knology'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, Knology 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

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 Knology 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 Knology 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 Knology 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 Knology 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 Knology to have its calls custom branded with Knology'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 Knology 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 Knology for Resale or use with an Unbundled Port when routing to an operator service provider other than BellSouth).

10.4.6   <u>For Resellers and Use with an Unbundled Port</u>

10.4.6.1   BellSouth Branding is the Default Service Level.

10.4.6.2   Unbranding, Custom Branding, and Self Branding require Knology to order selective routing for each originating BellSouth end office identified by Knology. Rates for Selective Routing are set forth in this Attachment.

10.4.6.3   Customer Branding and Self Branding require Knology to order dedicated trunking from each BellSouth end office identified by Knology, to either the BellSouth Traffic Operator Position System (TOPS) or Knology 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 Knology 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 Knology 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 Knology requires service.

10.4.8   Directory Assistance customized branding uses:

10.4.8.1   the recording of the name;

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 Knology 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. Knology end users may use the same dialing arrangements as BellSouth end users, but obtain a Knology 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 Knology 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)). Knology 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, Knology agrees not to disclose DADS to others and shall provide due care in providing for the security and confidentiality of DADS. Further, Knology authorizes the inclusion of Knology Directory Assistance listings in the BellSouth Directory Assistance products.

10.5.2   BellSouth shall provide Knology initially with a base file of subscriber listings which reflect all listing change activity occurring since Knology's most recent update via magnetic tape, and subsequently using electronic connectivity such as Network Data Mover to be developed mutually by Knology and BellSouth. Knology agrees to assume the costs associated with CONNECT: Direct ™ 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 Knology on a Business, Residence, or combined Business and Residence basis. Knology agrees that the updates shall be used solely to keep the information current. Delivery of Daily Updates will commence the day after Knology receives the Base File.

10.5.4   BellSouth is authorized to include Knology Directory Assistance Listing Information in its Directory Assistance Database Service (DADS). Any other use by BellSouth of Knology 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 Knology.

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 Knology'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 Knology to utilize its own switch, operator workstations and optional audio subsystems.

10.6.2   BellSouth will provide DADAS from its DA location. Knology will access the DADAS system via a telephone company provided point of availability. Knology 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 Knology subsystem will be provided by BellSouth. Interconnection between Knology's system and a specified BellSouth location will be pursuant to the use of Knology owned or Knology leased facilities and shall be appropriate sized based upon the volume of queries being generated by Knology.

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 Knology a data link to the ALI/DMS database or permit Knology to provide its own data link to the ALI/DMS database. BellSouth shall provide error reports from the ALI/DMS database to Knology immediately after Knology inputs information into the ALI/DMS database. Alternately, Knology may utilize BellSouth, to 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 Knology requests otherwise and shall be updated if Knology requests, provided Knology 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 Knology end users shall meet industry standards.

10.8   **Rates**

The prices that Knology shall pay to BellSouth for Network Elements and Other Services are set forth in Exhibit D 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. Knology must provide to its account manager a written request with a requested activation date to activate this service. If Knology is interested in requesting CNAM with volume and term pricing, Knology 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 Knology the capability that will allow Knology 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 Knology. Scheduling procedures shall provide Knology equivalent priority to these resources.

11.4.2   BellSouth SCP shall partition and protect Knology service logic and data from unauthorized access, execution or other types of compromise.

11.4.3   When Knology selects SCE/SMS AIN Access, BellSouth shall provide training, documentation, and technical support to enable Knology 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 Knology selects SCE/SMS AIN Access, BellSouth shall provide for a secure, controlled access environment in association with its internal use of AIN components. Knology access will be provided via remote data connection (e.g., dial-in, ISDN).

11.4.5   When Knology selects SCE/SMS AIN Access, BellSouth shall allow Knology 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 Knology shall pay to BellSouth for Network Elements and Other Services are set forth in Exhibit D 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 Knology orders network elements and other services, then Knology 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   <u>Definition</u>

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 Knology 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. Knology 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. Knology will be required to route that call to BellSouth at the appropriate tandem or end office. When a municipality converts to E911 service, Knology will be required to discontinue the Basic 911 procedures and being using E911 procedures.

12.5.2   E911 Service Provisioning. For E911 service, Knology will be required to install a minimum of two dedicated trunks originating from the Knology 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. Knology will be required to provide BellSouth daily updates to the E911 database. Knology 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, Knology 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. Knology 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   Rates. Charges for 911/E911 service are borne by the municipality purchasing the service. BellSouth will impose no charge on Knology beyond applicable charges for BellSouth trunking arrangements.

12.5.4   Basic 911 and E911 functions provided to Knology 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 Knology to follow in providing 911/E911 services.

13.   **True-Up**

           This section applies only to Tennessee and 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 12 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 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 12 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.

13.4   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 Knology 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.

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 Knology and pursuant to which BellSouth, its LIDB customers and Knology shall have access to such information. Knology 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 Knology, 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

C.   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 Knology of fraud alerts so that Knology may take action it deems appropriate. Knology understands and agrees BellSouth will administer all data stored in the LIDB, including the data provided by Knology pursuant to this Agreement, in the same manner as BellSouth's data for BellSouth's end user customers. BellSouth shall not be responsible to Knology 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.

Knology understands that BellSouth currently has in effect numerous billing and collection agreements with various interexchange carriers and billing clearing houses. Knology 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, Knology 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 Knology's behalf pursuant to this Agreement. Therefore, until such time as BellSouth can and does implement in its LIDB and its supporting systems the means to differentiate Knology's data from BellSouth's data and the Parties to this Agreement execute appropriate amendments hereto, the following terms and conditions shall apply:

(a)   Knology agrees that it will accept responsibility for telecommunications services billed by BellSouth for its billing and collection customers for Knology's end user accounts which are resident in LIDB pursuant to this Agreement. Knology authorizes BellSouth to place such charges on Knology's bill from BellSouth and agrees that it shall pay all such charges. Charges for which Knology 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)   Knology shall have the responsibility to render a billing statement to its end users for these charges, but Knology's obligation to pay BellSouth for the charges billed shall be independent of whether Knology is able or not to collect from Knology's end users.

(d)   BellSouth shall not become involved in any disputes between Knology and the entities for which BellSouth performs billing and collection. BellSouth will not issue adjustments for charges billed on behalf of an entity to Knology. It shall be the responsibility of Knology 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.   Knology will not be charged a fee for storage services provided by BellSouth to Knology, 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 Knology. Knology shall have the right to have BellSouth contest with the imposing jurisdiction, at Knology's expense, any such taxes that Knology deems are improperly levied.

IV.   INDEMNIFICATION

To the extent not prohibited by law, each Party will indemnify the other and hold the other harmless against any loss, cost, claim, injury, or liability relating to or arising out of negligence or willful misconduct by the indemnifying Party or its agents or contractors in connection with the indemnifying Party's provision of services, provided, however, that any indemnity for any loss, cost, claim, injury or liability arising out of or relating to errors or omissions in the provision of services under this Agreement shall be limited as otherwise specified in this Agreement. The indemnifying Party under this Section agrees to defend any suit brought against the other Party for any such loss, cost, claim, injury or liability. The indemnified Party agrees to notify the other Party promptly, in writing, of any written claims, lawsuits, or demands for which the other Party is responsible under this Section and to cooperate in every reasonable way to facilitate defense or settlement of claims. The indemnifying Party shall not be liable under this Section for settlement by the indemnified Party of any claim, lawsuit, or demand unless the defense of the claim, lawsuit, or demand has been tendered to it in writing and the indemnifying Party has unreasonably failed to assume such defense.

V.   LIMITATION OF LIABILITY

Neither Party shall be liable to the other Party for any lost profits or revenues or for any indirect, incidental or consequential damages incurred by the other Party arising from this Agreement or the services performed or not performed hereunder, regardless of the cause of such loss or damage.

VI.   MISCELLANEOUS

A.   It is understood and agreed to by the Parties that BellSouth may provide similar services to other companies.

B.   All terms, conditions and operations under this Agreement shall be performed in accordance with, and subject to, all applicable local, state or federal legal and regulatory tariffs, rulings, and other requirements of the federal courts, the U. S.

Department of Justice and state and federal regulatory agencies. Nothing in this Agreement shall be construed to cause either Party to violate any such legal or regulatory requirement and either Party's obligation to perform shall be subject to all such requirements.

C.   Knology agrees to submit to BellSouth all advertising, sales promotion, press releases, and other publicity matters relating to this Agreement wherein BellSouth's corporate or trade names, logos, trademarks or service marks or those of BellSouth's affiliated companies are mentioned or language from which the connection of said names or trademarks therewith may be inferred or implied; and Knology further agrees not to publish or use advertising, sales promotions, press releases, or publicity matters without BellSouth's prior written approval.

D.   This Agreement constitutes the entire Agreement between Knology and BellSouth which supersedes all prior Agreements or contracts, oral or written representations, statements, negotiations, understandings, proposals and undertakings with respect to the subject matter hereof.

E.   Except as expressly provided in this Agreement, if any part of this Agreement is held or construed to be invalid or unenforceable, the validity of any other Section of this Agreement shall remain in full force and effect to the extent permissible or appropriate in furtherance of the intent of this Agreement.

F.   Neither Party shall be held liable for any delay or failure in performance of any part of this Agreement for any cause beyond its control and without its fault or negligence, such as acts of God, acts of civil or military authority, government regulations, embargoes, epidemics, war, terrorist acts, riots, insurrections, fires, explosions, earthquakes, nuclear accidents, floods, strikes, power blackouts, volcanic action, other major environmental disturbances, unusually severe weather conditions, inability to secure products or services of other persons or transportation facilities, or acts or omissions of transportation common carriers.

G.   This Agreement shall be deemed to be a contract made under the laws of the State of Georgia, and the construction, interpretation and performance of this Agreement and all transactions hereunder shall be governed by the domestic law of such State.

EXHIBIT A

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 _____("Knology"), effective the _____ day of _____, _____.

I.   GENERAL

This Addendum sets forth the terms and conditions for Knology'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 Knology, 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

A.   Billing number - a number that Knology 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 Knology.

C.   Special billing number - a ten digit number that identifies a billing account established by Knology.

D.   Calling Card number - a billing number plus PIN number.

E.   PIN number - a four digit security code assigned by Knology 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 Knology.

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 Knology.

III.   RESPONSIBILITIES OF PARTIES

A.   Knology 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 Knology. Under normal operating conditions, BellSouth shall include Knology'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 Knology'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 Knology 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 Knology, and where the last four digits (PIN) are a security code assigned by Knology.

2.   Determine whether Knology or the subscriber has identified the billing number as one which should not be billed for collect or third number calls, or both.

E.   Knology will provide its own billing number information to BellSouth for storage and to be used for Billed Number Screening and Calling Card Validation. Knology will arrange and pay for transport of updates to BellSouth.

IV.   COMPLIANCE

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

EXHIBIT B

CALLING NAME DELIVERY (CNAM) DATABASE SERVICES

1. Definitions

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 Knology 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 Knology access to the BellSouth CNAM SCP for query or record storage purposes.

2.2   Knology 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 Knology's access to BellSouth's CNAM Database Services and shall be addressed to Knology's Account Manager.

3.   Physical Connection and Compensation

3.1   BellSouth's provision of CNAM Database Services to Knology requires interconnection from Knology 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, Knology shall provide its own CNAM SSP. Knology's CNAM SSPs must be compliant with TR-NWT-001188, "CLASS Calling Name Delivery Generic Requirements".

3.3   If Knology 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 Knology desires to query.

3.4   Out-Of-Region Customers

        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 Knology for initial CNAM record load and/or updates shall be determined by mutual agreement. The initial load and all updates shall be provided by Knology in the BellSouth specified format and shall contain records for every working telephone number that can originate phone calls. It is the responsibility of Knology 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   4.3 Knology 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

CLEC/BellSouth Line Sharing Jointly Developed

Rules for Splitter Allocation

BellSouth is unable to obtain a sufficient number of splitters for placement in all central offices requested by competitive local exchange carriers ("CLECs") by June 6, 2000. As a result of the current shortage of splitters, CLECs and BellSouth developed the following rules for splitter allocation. These rules shall apply until such time as those CLECs participating in the creation of the rules agree that the regular splitter installation rules should apply.

1. There shall be a single CLEC priority list of central offices that shall consist of the Georgia CLEC priority list combined with the priority list from the other states in BellSouth's nine-state region (the "Priority List"). This priority list shall be used for filling orders; it shall determine the order in which splitters will be deployed in those central offices for which splitters have been ordered. Georgia central offices (CO) will have priority over other state's COs.

2. During the allocation period, a CLEC may order 24 ports or 96 ports. In either event, BellSouth shall install a 96 port splitter in accordance with the Priority List. However, during the allocation period, in the event a CLEC orders 96 ports, BellSouth will only allocate 24 ports of the 96 port splitter to the first CLEC that orders a splitter for that central office, thus creating a backlog of 72 ports that have already been ordered by that CLEC ("Backlog"). In the event of a Backlog, BellSouth will charge CLEC a monthly recurring charge appropriate for the number of ports allocated to CLEC. In addition, if CLEC requested a 96 port splitter, it shall pay a non-recurring charge for a 96 port splitter, but shall pay no non-recurring charges when additional ports are added to alleviate the Backlog.

3. BellSouth will allocate, on a first-come/first-served basis, the remaining 72 ports of the splitter (in blocks of 24 ports) to the other CLECs that place an order for a splitter at that same central office.

    Orders Submitted by April 26, 2000 with Due Date of June 6, 2000 or Sooner

4. A firm order for a splitter issued to the BellSouth Complex Resale Support Group (CRSG) on or by April 26, 2000, with due date of June 6, 2000, or sooner, will be given priority over orders received after April 26, 2000. Orders for the first 200 splitters received prior to April 26, 2000, will be installed on or before June 5, 2000,

and shall be installed in accordance with the priority list. The first 25 splitter orders shall be installed no later than May 22, 2000.

5.   In the event CLECs submit to BellSouth more than 200 splitter orders on or before April 26, 2000, BellSouth shall install fifty (50) splitters a week each week after June 5, 2000.

6.   In the event there are more than four (4) orders submitted on or before April 26, 2000, for a splitter at a particular central office, a second splitter will be installed at that central office in accordance with the Priority List.

7.   Backlogs associated with orders submitted on or before April 26, 2000 will be fulfilled in their entirety before any orders received after April 26, 2000 are worked. In fulfilling a Backlog, the CLEC's additional ports may not be on the same shelf as the initial 24 ports.

Orders Received after April 26, 2000

8.   Irrespective of the Priority List, no orders received after April 26, 2000, will be worked until after all orders received on or before April 26, 2000 have been completed.

9.   Once all orders received on or before April 26, 2000, have been worked in their entirety, orders received after April 26, 2000, will have a minimum interval of forty-two (42) calendar days from date of receipt.

Orders Submitted with Due Dates After June 6, 2000

10.   Any order submitted on or before April 26, 2000, with a due date of after June 6, 2000, will be completed according to the due date provided there is available inventory and all orders with a due date of June 6, 2000 or earlier have been completed.

Georgia Rating/Ranking of Central Offices for Linesharing

March 9, 2000   Covad, Rhythms, NorthPoint, New
                                  Edge

<u>**CLLI**</u>   <u>**Combined Ranking**</u>

CLLI	Combined Ranking
MRTTGAMA	1
RSWLGAMA	2
ATLNGABU	3
ATLNGAPP	4
DLTHGAHS	5
ATLNGASS	6
CHMBGAMA	7
AGSTGAAU	8
LRVLGAOS	9
MRTTGAEA	10
SMYRGAMA	11
LLBNGAMA	12
WDSTGACR	13
ATHNGAMA	14
AGSTGAFL	15
AGSTGATH	16
JNBOGAMA	17
NRCRGAMA	18
ATLNGATH	19
ALPRGAMA	20
DNWDGAMA	21
CMNGGAMA	22
AGSTGAMT	23
ALBYGAMA	24
GSVLGAMA	25
SNLVGAMA	26
ATLNGAIC	27
ATLNGAEP	28
TUKRGAMA	29
ROMEGATL	30
VLDSGAMA	31
MACNGAMT	32
ASTLGAMA	33
SMYRGAPF	34
DGVLGAMA	35
ATLNGAEL	36

SNMTGALR	37
CNYRGAMA	38
MACNGAVN	39
WRRBGAMA	40
NWNNGAMA	41
ATLNGAWD	42
GRFNGAMA	43
PANLGAMA	44
BUFRGABH	45
ATLNGACD	46
MACNGAGP	47
SVNHGABS	48
ATLNGACS	49
PTCYGAMA	50
RVDLGAMA	51
STBRGANH	52
MCDNGAGS	53
ATLNGAWE	54
SVNHGADE	55
SVNHGAWB	56
ATLNGAGR	57
ATLNGAAD	58
CRVLGAMA	59
ACWOGAMA	60
ATLNGABH	61
FYVLGASG	62
SVNHGAGC	63
SVNHGAWI	64
ATLNGAFP	65
ATLNGAHR	66
PWSPGAAS	67
CRTNGAMA	68
ATLNGALA	69
MRRWGAMA	70
CLMBGAMT	71
CLMBGAMW	72
LTHNGAJS	73
CVTNGAMT	74
DLLSGAES	75
FRBNGAEB	76
CLMBGABV	77
BRWKGAMA	78
ATLNGAQS	79

CNTNGAXB	80
LGVLGACS	81
SSISGAES	81

BellSouth Central Offices (All states excluding GA)

Ref. #	CLLI	State	Combined CLEC Rank
312	PRRNFLMA	FL	1
1330	MMPHTNBA	TN	2
1362	NSVLTNMT	TN	3
202	GSVLFLNW	FL	4
1	ALBSALMA	AL	5
13	BRHMALCH	AL	6
268	MLBRFLMA	FL	7
1337	MMPHTNMA	TN	8
285	ORLDFLAP	FL	9
1335	MMPHTNGT	TN	10
208	HLWDFLPE	FL	11
289	ORLDFLPH	FL	12
1333	MMPHTNEL	TN	13
324	STRTFLMA	FL	14
14	BRHMALCP	AL	15
15	BRHMALEL	AL	16
1141	CLMASCSN	SC	17
1240	CHTGTNNS	TN	18
1339	MMPHTNOA	TN	19
1073	RLGHNCSI	NC	20
299	PMBHFLCS	FL	21
698	NWORLASW	LA	22
1354	NSVLTNBW	TN	23
1309	KNVLTNMA	TN	24
16	BRHMALEN	AL	25
17	BRHMALEW	AL	26
1345	MRBOTNMA	TN	27
1364	NSVLTNUN	TN	28
623	KNNRLABR	LA	29
984	CARYNCCE	NC	30
333	WPBHFLGA	FL	31
1356	NSVLTNCH	TN	32
1363	NSVLTNST	TN	33
429	LSVLKYAP	KY	34
20	BRHMALHW	AL	35
21	BRHMALMT	AL	36
638	LFYTLAMA	LA	37
1306	KNTNTNMA	TN	38
693	NWORLAMT	LA	39

149	BCRTFLMA	FL	40
150	BCRTFLSA	FL	41
1340	MMPHTNSL	TN	42
1338	MMPHTNMT	TN	43
307	PNSCFLFP	FL	44
22	BRHMALOM	AL	45
23	BRHMALOX	AL	46
176	DYBHFLMA	FL	47
1352	NSVLTNAP	TN	48
1332	MMPHTNCT	TN	49
334	WPBHFLGR	FL	50
249	MIAMFLCA	FL	51
732	SLIDLAMA	LA	52
1307	KNVLTNBE	TN	53
64	MTGMALDA	AL	54
24	BRHMALRC	AL	55
26	BRHMALVA	AL	56
196	FTPRFLMA	FL	57
1272	FKLNTNMA	TN	58
695	NWORLARV	LA	59
1019	GNBONCAS	NC	60
1068	RLGHNCGL	NC	61
692	NWORLAMR	LA	62
1310	KNVLTNWH	TN	63
179	DYBHFLPO	FL	64
34	BSMRALMA	AL	65
148	BCRTFLBT	FL	66
233	JPTRFLMA	FL	67
1357	NSVLTNDO	TN	68
697	NWORLASK	LA	69
189	FTLDFLJA	FL	70
262	MIAMFLRR	FL	71
288	ORLDFLPC	FL	72
1361	NSVLTNMC	TN	73
667	MONRLAMA	LA	74
664	MNFDLAMA	LA	75
157	BYBHFLMA	FL	76
170	DLBHFLKP	FL	77
554	BTRGLAGW	LA	78
1237	CHTGTNDT	TN	79
232	JCVLFLWC	FL	80
253	MIAMFLHL	FL	81
988	CHRLNCCE	NC	82

431	LSVLKYBR	KY	83
1353	NSVLTNBV	TN	84
1158	FLRNSCMA	SC	85
171	DLBHFLMA	FL	86
174	DRBHFLMA	FL	87
1323	MAVLTNMA	TN	88
1358	NSVLTNGH	TN	89
230	JCVLFLSJ	FL	90
301	PMBHFLMA	FL	91
265	MIAMFLWD	FL	92
287	ORLDFLMA	FL	93
1366	NSVLTNWM	TN	94
164	COCOFLMA	FL	95
187	FTLDFLCR	FL	96
188	FTLDFLCY	FL	97
330	VRBHFLMA	FL	98
1280	GDVLTNMA	TN	99
696	NWORLASC	LA	100
264	MIAMFLSO	FL	101
989	CHRLNCCR	NC	102
683	NWORLAAR	LA	103
1311	KNVLTNYH	TN	104
557	BTRGLAMA	LA	105
190	FTLDFLMR	FL	106
191	FTLDFLOA	FL	107
1250	CLVLTNMA	TN	108
987	CHRLNCCA	NC	109
430	LSVLKYBE	KY	110
338	WPBHFLRP	FL	111
271	MNDRFLLO	FL	112
229	JCVLFLRV	FL	113
1020	GNBONCEU	NC	114
306	PNSCFLBL	FL	115
192	FTLDFLPL	FL	116
194	FTLDFLSU	FL	117
1236	CHTGTNBR	TN	118
986	CHRLNCBO	NC	119
687	NWORLACM	LA	120
1004	CPHLNCRO	NC	121
209	HLWDFLWH	FL	122
1341	MMPHTNST	TN	123
996	CHRLNCSH	NC	124
848	JCSNMSCP	MS	125

195	FTLDFLWN	FL	126
206	HLWDFLHA	FL	127
969	AHVLNCOH	NC	128
995	CHRLNCRE	NC	129
227	JCVLFLNO	FL	130
442	LSVLKYWE	KY	131
1069	RLGHNCHO	NC	132
436	LSVLKYOA	KY	133
992	CHRLNCLP	NC	134
356	BWLGKYMA	KY	135
207	HLWDFLMA	FL	136
218	JCBHFLMA	FL	137
305	PNCYFLMA	FL	138
1022	GNBONCLA	NC	139
220	JCVLFLAR	FL	140
335	WPBHFLHH	FL	141
319	SNFRFLMA	FL	142
439	LSVLKYSM	KY	143
222	JCVLFLCL	FL	144
90	TSCLALMT	AL	145
221	JCVLFLBW	FL	146
223	JCVLFLFC	FL	147
1247	CLEVTNMA	TN	148
201	GSVLFLMA	FL	149
691	NWORLAMC	LA	150
300	PMBHFLFE	FL	151
293	OVIDFLCA	FL	152
594	FKTNLAMA	LA	153
231	JCVLFLSM	FL	154
66	MTGMALMT	AL	155
243	MIAMFLAE	FL	156
245	MIAMFLAP	FL	157
99	DCTRALMT	AL	158
217	JCBHFLAB	FL	159
286	ORLDFLCL	FL	160
1102	WNSLNCVI	NC	161
428	LSVLKYAN	KY	162
981	BURLNCDA	NC	163
59	MOBLALSH	AL	164
314	PTSLFLMA	FL	165
246	MIAMFLBA	FL	166
248	MIAMFLBR	FL	167
123	HNVIALMT	AL	168

19	BRHMALFS	AL	169
690	NWORLAMA	LA	170
1287	HDVLTNMA	TN	171
290	ORLDFLSA	FL	172
1028	GSTANCSO	NC	173
52	MOBLALAZ	AL	174
1211	SUVLSCMA	SC	175
251	MIAMFLFL	FL	176
252	MIAMFLGR	FL	177
1131	CHTNSCWA	SC	178
54	MOBLALOS	AL	179
75	PNSNALMA	AL	180
1058	MTOLNCCE	NC	181
1070	RLGHNCJO	NC	182
1099	WNSLNCFI	NC	183
124	HNVIALPW	AL	184
472	OWBOKYMA	KY	185
254	MIAMFLIC	FL	186
1125	CHTNSCDP	SC	187
255	MIAMFLKE	FL	188
1140	CLMASCSH	SC	189
441	LSVLKYVS	KY	190
311	PNVDFLMA	FL	191
277	NDADFLBR	FL	192
1312	LBNNTNMA	TN	193
1166	GNVLSCDT	SC	194
281	NSBHFLMA	FL	195
256	MIAMFLME	FL	196
257	MIAMFLNM	FL	197
558	BTRGLAOH	LA	198
1126	CHTNSCDT	SC	199
33	BSMRALHT	AL	200
337	WPBHFLRB	FL	201
291	ORPKFLMA	FL	202
997	CHRLNCTH	NC	203
1169	GNVLSCWR	SC	204
327	TTVLFLMA	FL	205
260	MIAMFLPB	FL	206
261	MIAMFLPL	FL	207
849	JCSNMSMB	MS	208
1188	MNPLSCES	SC	209
577	CVTNLAMA	LA	210
279	NDADFLOL	FL	211

998	CHRLNCUN	NC	212
1071	RLGHNCMO	NC	213
1130	CHTNSCNO	SC	214
310	PNSCFLWA	FL	215
276	NDADFLAC	FL	216
266	MIAMFLWM	FL	217
177	DYBHFLOB	FL	218
1138	CLMASCSA	SC	219
686	NWORLACA	LA	220
1067	RLGHNCGA	NC	221
336	WPBHFLLE	FL	222
624	KNNRLAHN	LA	223
1207	SPBGSCMA	SC	224
1080	SLBRNCMA	NC	225
278	NDADFLGG	FL	226
302	PMBHFLTA	FL	227
1143	CLMASCSW	SC	228
440	LSVLKYTS	KY	229
1257	CRTHTNMA	TN	230
28	BRHMALWL	AL	231
435	LSVLKYJT	KY	232
639	LFYTLAVM	LA	233
332	WPBHFLAN	FL	234
1369	OKRGTNMT	TN	235
126	HNVIALUN	AL	236
438	LSVLKYSL	KY	237
483	PMBRKYMA	KY	238
292	ORPKFLRW	FL	239
559	BTRGLASB	LA	240
729	SHPTLAMA	LA	241
433	LSVLKYFC	KY	242
432	LSVLKYCW	KY	243
1300	JCSNTNMA	TN	244
561	BTRGLAWN	LA	245
1101	WNSLNCLE	NC	246
1277	GALLTNMA	TN	247
556	BTRGLAIS	LA	248
726	SHPTLABS	LA	249
689	NWORLALK	LA	250
1254	CNVLTNMA	TN	251
642	LKCHLADT	LA	252
727	SHPTLACL	LA	253
1388	SMYRTNMA	TN	254

1262	DKSNTNMT	TN	255
728	SHPTLAHD	LA	256
1031	HNVLNCCH	NC	257
971	APEXNCCE	NC	258
990	CHRLNCDE	NC	259
1346	MRTWTNMA	TN	260
852	JCSNMSRW	MS	261
1394	SPFDTNMA	TN	262
665	MNVLLAMA	LA	263
1023	GNBONCMC	NC	264
1106	AIKNSCMA	SC	265
991	CHRLNCER	NC	266
1072	RLGHNCSB	NC	267
645	LKCHLAUN	LA	268
1045	LNTNNCMA	NC	269
263	MIAMFLSH	FL	270
1017	GLBONCMA	NC	271
1308	KNVLTNFC	TN	272
1135	CLMASCCH	SC	273
1100	WNSLNCGL	NC	274
824	GLPTMSTS	MS	275
258	MIAMFLNS	FL	276
67	MTGMALNO	AL	277
259	MIAMFLOL	FL	278
1398	SVVLTNMT	TN	279
993	CHRLNCMI	NC	280
1085	SSVLNCMA	NC	281
982	BURLNCEL	NC	282
731	SHPTLASG	LA	283
1024	GNBONCPG	NC	284
74	PHCYALMA	AL	285
244	MIAMFLAL	FL	286
296	PCBHFLNT	FL	287
1037	KNDLNCCE	NC	288
165	COCOFLME	FL	289
434	LSVLKYHA	KY	290
838	HTBGMSMA	MS	291
1078	SELMNCMA	NC	292
60	MOBLALSK	AL	293
1009	DVSNNCPO	NC	294
582	DNSPLAMA	LA	295
1098	WNSLNCCL	NC	296
10	AUBNALMA	AL	297

1083	SRFDNCCE	NC	298
399	FRFTKYMA	KY	299
247	MIAMFLBC	FL	300
1248	CLMATNMA	TN	301
1018	GNBONCAP	NC	302
1136	CLMASCDF	SC	303
1105	ZBLNNCCE	NC	304
321	STAGFLMA	FL	305
1096	WNDLNCPI	NC	306
846	JCSNMSBL	MS	307
11	BLFNALMA	AL	308
427	LSVLKY26	KY	309
193	FTLDFLSG	FL	310
1242	CHTGTNRO	TN	311
212	HMSTFLNA	FL	312
159	CCBHFLMA	FL	313
985	CARYNCWS	NC	314
560	BTRGLASW	LA	315
295	PAHKFLMA	FL	316
1133	CLMASCAR	SC	317
250	MIAMFLDB	FL	318
122	HNVIALLW	AL	319
1066	RLGHNCDU	NC	320
1142	CLMASCSU	SC	321
210	HMSTFLEA	FL	322
154	BLGLFLMA.	FL	323
1258	CRVLTNMA	TN	324
851	JCSNMSPC	MS	325
1241	CHTGTNRB	TN	326
1053	MGTNNCGR	NC	327
89	TSCLALDH	AL	328
ADD	HNVIALRA	AL	329
730	SHPTLAQB	LA	330
978	BOONNCKI	NC	331
839	HTBGMSWE	MS	332
8	ATHNALMA	AL	333
610	HMNDLAMA	LA	334
874	MDSNMSES	MS	335
71	OPLKALMT	AL	336
769	BILXMSED	MS	337
269	MLTNFLRA	FL	338
1301	JCSNTNNS	TN	339
55	MOBLALPR	AL	340

552	BTRGLABK	LA	341
847	JCSNMSCB	MS	342
437	LSVLKYSH	KY	343
1129	CHTNSCLB	SC	344
492	RCMDKYMA	KY	345
411	HNSNKYMA	KY	346
1040	LENRNCHA	NC	347
1190	NAGSSCMA	SC	348
77	PRVLALMA	AL	349
213	HTISFLMA	FL	350
972	ARDNNCCE	NC	351
200	GLBRFLMC	FL	352
823	GLPTMSLY	MS	353
315	PTSLFLSO	FL	354
51	MOBLALAP	AL	355
1127	CHTNSCJM	SC	356
893	OCSPMSGO	MS	357
91	TSCLALNO	AL	358
317	SBSTFLMA	FL	359
527	WNCHKYMA	KY	360
58	MOBLALSF	AL	361
1239	CHTGTNMV	TN	362
1016	GLBONCAD	NC	363
770	BILXMSMA	MS	364
1400	TLLHTNMA	TN	365
109	FRHPALMA	AL	366
1368	NWPTTNMT	TN	367
56	MOBLALSA	AL	368
666	MONRLADS	LA	369
668	MONRLAWM	LA	370
57	MOBLALSE	AL	371
404	GRTWKYMA	KY	372
970	AHVLNCOT	NC	373
1385	SHVLTNMA	TN	374
780	BRNDMSES	MS	375
1414	WNCHTNMA	TN	376
1347	MSCTTNMT	TN	377
1315	LNCYTNMA	TN	378
240	LYHNFLOH	FL	379
1374	PLSKTNMA	TN	380
1317	LRBGTNMA	TN	381
555	BTRGLAHR	LA	382
294	PACEFLPV	FL	383

850	JCSNMSNR	MS	384
1243	CHTGTNSE	TN	385
204	HBSDFLMA	FL	386
1319	LXTNTNMA	TN	387
1343	MNCHTNMA	TN	388
1249	CLTNTNMA	TN	389
322	STAGFLSH	FL	390
1041	LENRNCHU	NC	391
308	PNSCFLHC	FL	392
1285	GTBGTNMT	TN	393
968	AHVLNCBI	NC	394
1238	CHTGTNHT	TN	395
304	PNCYFLCA	FL	396

BELLSOUTH/TECHNOLOGY RATES
NETWORK ELEMENTS
AND OTHER SERVICES

DESCRIPTION	USOC	AL	FL	GA	KY	LA	MS	NC	SC	TN
NIDs										
NID to NID Cross Connect, 2-Wire or 4-Wire, NRC	UNDC2	NA	$6.15	NA	NA	NA	NA	NA	NA	NA
NID to NID Cross Connect, 2-Wire or 4-Wire, NRC	UNDC4	NA	$6.15	NA	NA	NA	NA	NA	NA	NA
NID, 1-2 lines										
NRC - 1st	UND12	TBN	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBN
NRC - Add'l	UND12	TBN	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBN
NRC - Disconnect Charge - 1st	UND12	TBN	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBN
NRC - Disconnect Charge - Add'l	UND12	TBN	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBN
NRC - Incremental Charge - Manual Service Order - 1st	SOMAN	TBN	TBD	TBD	TBD	TBD	TBD	TBD	TBN	TBN
NRC - Incremental Charge - Manual Service Order - Add'l	SOMAN	TBN	TBD	TBD	TBD	TBD	TBD	TBD	TBN	TBN
NRC - Incremental Charge - Manual Service Order - Disconnect	SOMAN	TBN	TBD	TBD	TBD	TBD	TBD	TBD	TBN	TBN
NID, 1-6 lines										
NRC - 1st	UND16	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN
NRC - Add'l	UND16	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN
NRC - Disconnect Charge - 1st	UND16	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN
NRC - Disconnect Charge - Add'l	UND16	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN
NRC - Incremental Charge - Manual Service Order - 1st	SOMAN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN
NRC - Incremental Charge - Manual Service Order - Add'l	SOMAN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN
NRC - Incremental Charge - Manual Service Order - Disconnect	SOMAN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN
Nonrecurring Charge - customer transfer, feature additions, changes (1)		$5.00	NA	NA	NA	NA	$5.00	NA	NA	NA
LOOP, EXCLUDING NID										
2-Wire Analog VG Loop (Standard), per month	TBD	NA	NA	NA	$18.20	NA	NA	NA	NA	NA
NRC - 1st		NA	NA	NA	$86.08	NA	NA	NA	NA	NA
NRC - Add'l		NA	NA	NA	$58.57	NA	NA	NA	NA	NA
2-Wire Analog VG Loop (Customized), per month	TBD	NA	NA	NA	$21.41	NA	NA	NA	NA	NA
NRC - 1st		NA	NA	NA	$236.75	NA	NA	NA	NA	NA
NRC - Add'l		NA	NA	NA	$177.10	NA	NA	NA	NA	NA
4-Wire Analog VG Loop (Standard), per month	TBD	NA	NA	NA	$26.38	NA	NA	NA	NA	NA
NRC - 1st		NA	NA	NA	$457.14	NA	NA	NA	NA	NA
NRC - Add'l		NA	NA	NA	$348.83	NA	NA	NA	NA	NA
2-Wire ISDN Digital Grade Loop (Standard), per month	TBD	NA	NA	NA	$29.65	NA	NA	NA	NA	NA
NRC - 1st		NA	NA	NA	$541.28	NA	NA	NA	NA	NA
NRC - Add'l		NA	NA	NA	$431.61	NA	NA	NA	NA	NA
2-Wire ADSL Loop (Standard), per month	TBD	NA	NA	NA	$10.63	NA	NA	NA	NA	NA
NRC - 1st		NA	NA	NA	$713.50	NA	NA	NA	NA	NA
NRC - Add'l		NA	NA	NA	$609.44	NA	NA	NA	NA	NA
2-Wire HDSL Loop (Standard), per month	TBD	NA	NA	NA	$7.40	NA	NA	NA	NA	NA
NRC - 1st		NA	NA	NA	$713.50	NA	NA	NA	NA	NA
NRC - Add'l		NA	NA	NA	$609.44	NA	NA	NA	NA	NA
4-Wire HDSL Loop (Standard), per month	TBD	NA	NA	NA	$9.70	NA	NA	NA	NA	NA
NRC - 1st		NA	NA	NA	$748.93	NA	NA	NA	NA	NA
NRC - Add'l		NA	NA	NA	$646.17	NA	NA	NA	NA	NA
LOOP, INCLUDING NID										
2-Wire Analog VG Loop-SL1, per month										
RC - Statewide, per month	UEAL2	NA	NA	NA	NA	NA	NA	$15.88	NA	NA
RC - Zone 1, per month (Note 2)	UEAL2	$15.24	$13.75	$14.21	$14.79	$14.96	$15.58	TBD	$18.48	$15.92
RC - Zone 2, per month (Note 2)	UEAL2	$24.75	$20.13	$16.41	$27.68	$25.69	$20.65	TBD	$27.87	$20.79
RC - Zone 3, per month (Note 2)	UEAL2	$44.85	$44.40	$26.08	$47.78	$52.47	$29.51	TBD	$36.91	$27.18
RC - Zone 4, per month (Note 2)	UEAL2	NA	NA	NA	NA	NA	$38.94	NA	NA	NA
NRC - 1st	UEAL2	$59.03	$90.00	$42.54	NA	$40.69	$59.25	$57.99	$70.44	$78.93
NRC - Add'l	UEAL2	$43.14	$55.00	$31.33	NA	$29.96	$43.67	$42.37	$44.05	$50.98
NRC - Disconnect Charge - 1st	UEAL2	$15.21	NA	NA	NA	$16.48	$16.35	NA	NA	NA

BELLSOUTH TECHNOLOGY RATES
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Description	Code										
NRC - Disconnect Charge - Add'l	UEAL2	$3.22	NA	NA	$18.94	NA	$3.39	$4.08	NA	NA	NA
NRC - Incremental Charge - Manual Service Order - 1st	SOMAN	$27.37	NA	NA	NA	NA	$18.14	$25.52	$26.94	$44.22	NA
NRC - Incremental Charge - Manual Service Order - Add'l	SOMAN	$12.97	NA	NA	$8.42	NA	$8.06	$11.34	$12.76	$13.55	NA
NRC - Incremental Charge - Manual Service Order - Disconnect	SOMAN	$17.77	NA	NA	NA	NA	$11.41	$16.06	NA	NA	NA
2-Wire Analog VG Loop-SL2 w/loop or ground start signaling, per month											
RC - Statewide, per month	UEAL2	NA	NA	NA	NA	NA	NA	$19.50	$19.50	NA	NA
RC - Zone 1, per month (Note 2)	UEAL2	$17.95	$13.75	$16.84	$17.27	$17.65	$18.35	TBD	$21.57	$15.92	$15.92
RC - Zone 2, per month (Note 2)	UEAL2	$29.16	$20.13	$19.45	$32.32	$30.32	$24.33	TBD	$32.53	$20.79	$20.79
RC - Zone 3, per month (Note 2)	UEAL2	$52.84	$44.40	$30.92	$55.78	$61.93	$34.77	TBD	$43.08	$27.18	$27.18
RC - Zone 4, per month (Note 2)	UEAL2	NA	NA	NA	NA	NA	$45.88	NA	NA	NA	NA
NRC - 1st	UEAL2	$145.46	$140.00	$104.17	NA	$99.69	$144.01	$142.97	$178.12	$192.97	$192.97
NRC - Add'l	UEAL2	$108.40	$42.00	$78.10	NA	$74.73	$107.70	$108.56	$128.80	$140.72	$140.72
NRC - Disconnect Charge - 1st	UEAL2	$40.31	NA	NA	NA	$28.73	$40.98	NA	NA	NA	NA
NRC - Disconnect Charge - Add'l	UEAL2	$26.01	NA	NA	NA	$18.87	$26.95	NA	NA	NA	NA
NRC - Incremental Charge - Manual Service Order - 1st	SOMAN	$27.37	NA	$18.94	NA	$18.14	$25.52	$26.94	$44.42	NA	NA
NRC - Incremental Charge - Manual Service Order - Add'l	SOMAN	$12.97	NA	$8.42	NA	$8.06	$11.34	$12.76	$13.55	NA	NA
NRC - Incremental Charge - Manual Service Order - Disconnect	SOMAN	$17.77	NA	NA	NA	$11.41	$26.95	NA	NA	NA	NA
NRC - Incremental Charge - Order Coordination - Time Specific (per LSR)	OCOSL	$45.99	$55.00	$34.22	NA	$32.77	$45.27	$45.34	$45.43	$55.00	$55.00
2-Wire Analog VG Loop-SL2 w/ reverse battery signaling, per month											
RC - Statewide, per month	UEAR2	NA	NA	NA	NA	NA	NA	$19.50	$19.50	NA	NA
RC - Zone 1, per month (Note 2)	UEAR2	$17.95	$13.75	$16.84	$17.27	$17.65	$18.35	TBD	$21.57	$15.92	$15.92
RC - Zone 2, per month (Note 2)	UEAR2	$29.16	$20.13	$19.45	$32.32	$30.32	$24.33	TBD	$32.53	$20.79	$20.79
RC - Zone 3, per month (Note 2)	UEAR2	$52.84	$44.40	$30.92	$55.78	$61.93	$34.77	TBD	$43.08	$27.18	$27.18
RC - Zone 4, per month (Note 2)	UEAR2	NA	NA	NA	NA	NA	$45.88	NA	NA	NA	NA
NRC - 1st	UEAR2	$145.46	$140.00	$104.17	NA	$99.69	$144.01	$142.97	$178.12	$192.97	$192.97
NRC - Add'l	UEAR2	$108.40	$42.00	$78.10	NA	$74.73	$107.70	$108.56	$128.80	$140.72	$140.72
NRC - Disconnect Charge - 1st	UEAR2	$40.31	NA	NA	NA	$28.73	$40.98	NA	NA	NA	NA
NRC - Disconnect Charge - Add'l	UEAR2	$26.01	NA	NA	NA	$18.87	$26.95	NA	NA	NA	NA
NRC - Incremental Charge - Manual Service Order - 1st	SOMAN	$27.37	NA	$18.94	NA	$18.14	$25.52	$26.94	$44.42	NA	NA
NRC - Incremental Charge - Manual Service Order - Add'l	SOMAN	$12.97	NA	$8.42	NA	$8.06	$11.34	$12.76	$13.55	NA	NA
NRC - Incremental Charge - Manual Service Order - Disconnect	SOMAN	$17.77	NA	NA	NA	$11.41	$26.95	NA	NA	NA	NA
NRC - Incremental Charge - Order Coordination - Time Specific (per LSR)	OCOCL	$45.99	$55.00	$34.22	NA	$32.77	$45.27	$45.64	$45.43	$65.00	$65.00
4-Wire Analog VG Loop, per month											
RC - Statewide, per month	UEAL4	NA	NA	NA	NA	NA	NA	$27.49	NA	NA	NA
RC - Zone 1, per month (Note 2)	UEAL4	$24.01	$24.26	$22.26	$23.66	$24.36	$22.36	TBD	$29.47	$16.92	$16.92
RC - Zone 2, per month (Note 2)	UEAL4	$39.00	$35.51	$25.70	$44.28	$41.85	$29.67	TBD	$44.44	$20.79	$20.79
RC - Zone 3, per month (Note 2)	UEAL4	$70.67	$78.35	$40.85	$76.42	$85.47	$42.40	TBD	$58.85	$27.18	$27.18
RC - Zone 4, per month (Note 2)	UEAL4	NA	NA	NA	NA	NA	$55.96	NA	NA	NA	NA
NRC - 1st	UEAL4	$293.70	$141.00	$206.95	NA	$198.10	$289.08	$288.47	$383.39	$58.50	$58.50
NRC - Add'l	UEAL4	$241.76	$43.00	$170.57	NA	$163.26	$238.19	$237.45	$296.77	$31.00	$31.00
NRC - Disconnect Charge - 1st	UEAL4	$108.96	NA	NA	NA	$74.27	$108.14	NA	NA	NA	NA
NRC - Disconnect Charge - Add'l	UEAL4	$57.01	NA	NA	NA	$39.44	$57.28	NA	NA	NA	NA
NRC - Incremental Charge - Manual Service Order - 1st	SOMAN	$27.37	NA	$18.94	NA	$18.14	$25.52	$26.94	$44.06	NA	NA
NRC - Incremental Charge - Manual Service Order - Add'l	SOMAN	$12.97	NA	$8.42	NA	$8.06	$11.34	$12.76	$13.55	NA	NA
NRC - Incremental Charge - Manual Service Order - Disconnect	SOMAN	$17.77	NA	NA	NA	$11.41	$18.06	NA	NA	NA	NA
NRC - Incremental Charge - Order Coordination - Time Specific (per LSR)	OCOCL	$45.99	$55.00	$34.22	NA	$32.77	$45.27	$45.34	$45.43	$55.00	$55.00
2-Wire ISDN Digital Grade Loop, per month											
RC - Statewide, per month	U1L2X	NA	NA	NA	NA	NA	NA	$24.98	NA	NA	NA
RC - Zone 1, per month (Note 2)	U1L2X	$23.23	$32.34	$21.89	NA	$21.15	$21.86	TBD	$28.68	$15.92	$15.92
RC - Zone 2, per month (Note 2)	U1L2X	$37.74	$47.35	$25.27	NA	$36.22	$28.97	TBD	$40.24	$20.79	$20.79
RC - Zone 3, per month (Note 2)	U1L2X	$68.38	$104.47	$40.17	NA	$74.19	$41.40	TBD	$53.29	$27.18	$27.18
RC - Zone 4, per month (Note 2)	U1L2X	NA	NA	NA	NA	NA	$54.64	NA	NA	NA	NA
NRC - 1st	U1L2X	$331.85	$306.00	$233.36	NA	$223.27	$326.38	$325.91	$423.04	$58.50	$58.50
NRC - Add'l	U1L2X	$255.87	$283.00	$180.35	NA	$172.63	$252.00	$251.31	$301.75	$31.00	$31.00
NRC - Disconnect Charge - 1st	U1L2X	$108.95	NA	NA	NA	$74.27	$108.14	NA	NA	NA	NA

BELLSOUTH METHODOLOGY RATES
NETWORK ELEMENTS
AND OTHER SERVICES

Element	Code										
NRC - Disconnect Charge - Add'l	U1L2X	$57.01	NA	NA	NA	NA	$39.44	$57.27	NA	NA	NA
NRC - Incremental Charge - Manual Service Order - 1st	SOMAN	$27.37	$18.94	NA	$18.94	NA	$18.14	$25.52	$26.94	$44.42	$58.50
NRC - Incremental Charge - Manual Service Order - Add'l	SOMAN	$12.97	$8.42	NA	$8.42	NA	$8.08	$11.34	$12.76	$13.55	$31.00
NRC - Incremental Charge - Manual Service Order - Disconnect	SOMAN	$17.77	NA	NA	NA	NA	$11.41	$16.06	NA	NA	NA
NRC - Incremental Charge - Order Coordination - Time Specific (per LSR)	OCOSL	$45.99	$55.00	$34.22	$55.00	NA	$32.77	$45.27	$45.34	$45.43	$55.00
2-Wire Universal Digital Carrier (UDC), statewide, per month											
Zone 1, per month	UDC2X	$23.23	NA	$32.34	NA	$23.66	$21.15	$21.66	TBD	$26.68	$15.92
Zone 2, per month	UDC2X	$37.74	NA	$47.35	$21.89	$44.28	$36.22	$28.97	TBD	$40.24	$20.79
Zone 3, per month	UDC2X	$68.38	NA	$104.47	$25.27	$76.42	$74.19	$41.40	TBD	$53.29	$27.18
Zone 4, per month	UDC2X		NA		$40.17	NA	NA	$54.84	NA	NA	NA
NRC - 1st	UDC2X	$331.85	$306.00	$306.00	$233.38	NA	$223.27	$326.38	$325.91	$423.04	$58.50
NRC - Add'l	UDC2X	$255.87	$283.00	$283.00	$180.35	NA	$172.63	$252.00	$251.31	$301.76	$31.00
NRC - Disconnect Charge - 1st	UDC2X	$108.95	NA	NA	NA	NA	$74.27	$108.14	NA	NA	NA
NRC - Disconnect Charge - Add'l	UDC2X	$57.01	NA	NA	NA	NA	$39.44	$57.27	NA	NA	NA
NRC - Incremental Charge - Manual Service Order - 1st	SOMAN	$27.37	NA	NA	$18.94	NA	$18.14	$25.52	$26.94	$44.42	NA
NRC - Incremental Charge - Manual Service Order - Add'l	SOMAN	$12.97	NA	NA	$8.42	NA	$8.08	$11.34	$12.76	$13.55	NA
NRC - Incremental Charge - Manual Service Order - Disconnect	SOMAN	$17.77	NA	NA	NA	NA	$11.41	$16.06	NA	NA	NA
NRC - Incremental Charge - Order Coordination - Time Specific (per LSR)	OCOSL	$45.99	$55.00	$55.00	$34.22	$55.00	$32.77	$45.27	$45.34	$45.43	$55.00
2-Wire Asymmetrical Dig Subscriber Line (ADSL) Compatible Loop, includes manual service inquiry and facility reservation, statewide, per month											
RC - Statewide, per month	UAL2X	NA	NA	NA	NA	NA	NA	NA	NA	NA	$18.46
RC - Zone 1, per month (Note 2)	UAL2X	$12.09	$12.78	$11.23	$8.79	$11.90	$10.87	TBD	$17.10	$15.93	
RC - Zone 2, per month (Note 2)	UAL2X	$19.64	$18.72	$12.97	$16.46	$20.43	$14.40	TBD	$25.79	$20.05	
RC - Zone 3, per month (Note 2)	UAL2X	$35.59	$41.29	$20.62	$28.40	$41.73	$20.58	TBD	$34.15	$26.74	
RC - Zone 4, per month (Note 2)	UAL2X	NA	NA	NA	NA	NA	$27.16	NA	NA	NA	
NRC - 1st	UAL2X	$514.21	$113.85	$359.73	$574.50	$343.13	$604.82	$504.90	$600.61	$640.79	
NRC - Add'l	UAL2X	$464.58	$99.61	$325.15	$470.44	$310.03	$456.24	$456.17	$507.33	$541.94	
NRC - Disconnect Charge - 1st	UAL2X	$106.65	NA	NA	NA	$72.54	$105.96	NA	NA	NA	
NRC - Disconnect Charge - Add'l	UAL2X	$56.98	NA	NA	NA	$39.42	$57.25	NA	NA	NA	
NRC - Incremental Charge - Manual Service Order - 1st	SOMAN	$27.37	NA	$18.94	NA	$18.14	$25.52	$26.94	$44.42	NA	
NRC - Incremental Charge - Manual Service Order - Add'l	SOMAN	$12.97	NA	$8.42	NA	$8.08	$11.34	$12.76	$13.55	NA	
NRC - Incremental Charge - Manual Service Order - Disconnect	SOMAN	$17.77	NA	NA	NA	$11.41	$16.06	NA	NA	NA	
NRC - Incremental Charge - Order Coordination - Time Specific (per LSR)	OCOSL	$45.99	$55.00	$34.22	NA	$32.77	$45.27	$45.34	$45.43	$55.00	
2-Wire Asymmetrical Dig Subscriber Line (ADSL) Compatible Loop, without manual service inquiry and facility reservation, statewide, per month											
Zone 1, per month	UAL2W	$12.09	$12.78	$11.23	$8.79	$11.90	$10.87	$14.60	$17.10	$18.46	
Zone 2, per month	UAL2W	$19.64	$18.72	$12.97	$16.46	$20.43	$14.40	TBD	$25.79	TBD	
Zone 3, per month	UAL2W	$35.59	$41.29	$20.62	$28.40	$41.73	$20.58	TBD	$34.15	TBD	
Zone 4, per month	UAL2W	NA	NA	NA	NA	NA	$27.16	TBD	NA	TBD	
NRC - 1st	UAL2W	$375.21	$113.85	$220.73	$574.50	$204.13	$365.82	$365.90	$461.60	$501.79	
NRC - Add'l	UAL2W	$325.58	$99.61	$186.15	$470.44	$171.03	$317.24	$317.17	$388.33	$402.84	
NRC - Disconnect Charge - 1st	UAL2W	$106.65	NA	NA	NA	$72.54	$105.96	NA	NA	NA	
NRC - Disconnect Charge - Add'l	UAL2W	$56.98	NA	NA	NA	$39.42	$57.25	NA	NA	NA	
NRC - Incremental Charge - Manual Service Order - 1st	SOMAN	$27.37	NA	$18.94	NA	$18.14	$25.52	$26.94	$44.42	NA	
NRC - Incremental Charge - Manual Service Order - Add'l	SOMAN	$12.97	NA	$8.42	NA	$8.08	$11.34	$12.76	$13.55	NA	
NRC - Incremental Charge - Manual Service Order - Disconnect	SOMAN	$17.77	NA	NA	NA	$11.41	$16.06	NA	NA	NA	
NRC - Incremental Charge - Order Coordination - Time Specific (per LSR)	OCOSL	$45.99	$55.00	$34.22	$55.00	$32.77	$45.27	$45.34	$45.43	$55.00	
2-Wire High Bit Rate Dig Subscriber Line (HDSL) Compatible Loop, includes manual service inquiry and facility reservation, statewide, per month											
RC - Statewide, per month	UHL2X	NA	NA	NA	NA	NA	NA	$11.98	NA	$13.48	
RC - Zone 1, per month (Note 2)	UHL2X	$9.41	$9.80	$7.88	$6.29	$8.97	$8.50	TBD	$12.21	$11.62	

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BELLSOUTH METHODOLOGY RATES
NETWORK ELEMENTS
AND OTHER SERVICES

Description	Code	C1	C2	C3	C4	C5	C6	C7	C8	C9
RC - Zone 2, per month (Note 2)	UHL2X	$15.29	$14.35	$9.09	$11.78	$15.41	$11.26	TBD	$18.41	$14.62
RC - Zone 3, per month (Note 2)	UHL2X	$27.70	$31.65	$14.46	$20.33	$31.48	$16.10	TBD	$24.39	$20.96
RC - Zone 4, per month (Note 2)	UHL2X	NA	NA	NA	NA	NA	$21.25	NA	NA	NA
NRC - 1st	UHL2X	$514.21	$113.85	$359.73	NA	$343.13	$604.82	$504.90	$600.61	$640.79
NRC - Add'l	UHL2X	$464.58	$99.61	$325.15	NA	$310.03	$456.24	$456.17	$507.33	$541.94
NRC - Disconnect Charge - 1st	UHL2X	$106.65	NA	NA	NA	$72.54	$105.86	NA	NA	NA
NRC - Disconnect Charge - Add'l	UHL2X	$56.98	NA	NA	NA	$39.42	$57.25	NA	NA	NA
NRC - Incremental Charge - Manual Service Order - 1st	SOMAN	$27.37	NA	$18.94	NA	$18.14	$25.52	$26.94	$44.42	NA
NRC - Incremental Charge - Manual Service Order - Add'l	SOMAN	$12.97	NA	$8.42	NA	$8.06	$11.34	$12.76	$13.55	NA
NRC - Incremental Charge - Manual Service Order - Disconnect	SOMAN	$17.77	NA	NA	NA	$11.41	$16.08	NA	NA	NA
NRC - Incremental Charge - Order Coordination - Time Specific (per LSR)	OCOSL	$45.99	$55.00	$34.22	$55.00	$32.77	$45.27	$45.34	$45.43	$55.00

2-Wire High Bit Rate Dig Subscriber Line (HDSL) Compatible Loop, without manual service inquiry and facility reservation, statewide, per month

Description	Code	C1	C2	C3	C4	C5	C6	C7	C8	C9
Zone 1, per month	UHL2W	$9.41	$9.80	$7.88	$6.29	$8.97	$8.50	$11.98	NA	$13.46
Zone 2, per month	UHL2W	$15.29	$14.35	$9.09	$11.78	$15.41	$11.26	TBD	$12.21	TBD
Zone 3, per month	UHL2W	$27.70	$31.65	$14.48	$20.33	$31.48	$16.10	TBD	$18.41	TBD
Zone 4, per month	UHL2W	NA	NA	NA	NA	NA	$21.25	TBD	$24.39	TBD
NRC - 1st	UHL2W	$375.21	$113.85	$220.73	$574.50	$204.13	$365.82	$365.90	$461.60	$501.79
NRC - Add'l	UHL2W	$325.58	$99.61	$186.15	$470.44	$171.03	$317.24	$317.17	$368.33	$402.94
NRC - Disconnect Charge - 1st	UHL2W	$106.65	NA	NA	NA	$72.54	$105.86	NA	NA	NA
NRC - Disconnect Charge - Add'l	UHL2W	$56.98	NA	NA	NA	$39.42	$57.25	NA	NA	NA
NRC - Incremental Charge - Manual Service Order - 1st	SOMAN	$27.37	NA	$18.94	NA	$18.14	$25.52	$26.94	$44.42	NA
NRC - Incremental Charge - Manual Service Order - Add'l	SOMAN	$12.97	NA	$8.42	NA	$8.06	$11.34	$12.76	$13.55	NA
NRC - Incremental Charge - Manual Service Order - Disconnect	SOMAN	$17.77	NA	NA	NA	$11.41	$16.08	NA	NA	NA
NRC - Incremental Charge - Order Coordination - Time Specific (per LSR)	OCOSL	$45.99	$55.00	$34.22	$55.00	$32.77	$45.27	$45.34	$45.43	$55.00

4-Wire High Bit Rate Dig Subscriber Line (HDSL) Compatible Loop, Includes manual service inquiry and facility reservation, per month, statewide

Description	Code	C1	C2	C3	C4	C5	C6	C7	C8	C9
RC - Statewide, per month	UHL4X	NA	NA	NA	NA	NA	NA	$13.97	NA	$17.91
RC - Zone 1, per month (Note 2)	UHL4X	$11.52	$14.75	$10.39	$7.68	$12.97	$10.36	TBD	$16.21	$15.46
RC - Zone 2, per month (Note 2)	UHL4X	$18.71	$21.59	$12.00	$14.38	$21.76	$13.73	TBD	$24.45	$19.46
RC - Zone 3, per month (Note 2)	UHL4X	$33.90	$47.64	$19.07	$24.82	$44.44	$19.62	TBD	$32.38	$27.88
RC - Zone 4, per month (Note 2)	UHL4X	NA	NA	NA	NA	NA	$25.90	NA	NA	NA
NRC - 1st	UHL4X	$541.13	$116.91	$378.86	$661.45	$361.45	$331.21	$331.35	$625.11	$666.70
NRC - Add'l	UHL4X	$491.50	$101.71	$344.28	$507.17	$328.35	$482.63	$482.62	$532.78	$568.86
NRC - Disconnect Charge - 1st	UHL4X	$106.65	NA	NA	NA	$72.54	$105.86	NA	NA	NA
NRC - Disconnect Charge - Add'l	UHL4X	$56.98	NA	NA	NA	$39.42	$57.25	NA	NA	NA
NRC - Incremental Charge - Manual Service Order - 1st	SOMAN	$27.37	NA	$18.94	NA	$18.14	$25.52	$26.94	$44.06	NA
NRC - Incremental Charge - Manual Service Order - Add'l	SOMAN	$12.97	NA	$8.42	NA	$8.06	$11.34	$12.76	$13.55	NA
NRC - Incremental Charge - Manual Service Order - Disconnect	SOMAN	$17.77	NA	NA	NA	$11.41	$16.08	NA	NA	NA
NRC - Incremental Charge - Order Coordination - Time Specific (per LSR)	OCOSL	$45.99	$55.00	$34.22	$55.00	$32.77	$45.27	$45.34	$45.43	$55.00

4-Wire High Bit Rate Dig Subscriber Line (HDSL) Compatible Loop, without manual service inquiry and facility reservation, per month, statewide

Description	Code	C1	C2	C3	C4	C5	C6	C7	C8	C9
Zone 1, per month	UHL4W	$11.52	$14.75	$10.39	$7.68	$12.67	$10.36	$13.97	NA	$17.91
Zone 2, per month	UHL4W	$18.71	$21.59	$12.00	$14.38	$21.76	$13.73	TBD	$16.21	TBD
Zone 3, per month	UHL4W	$33.90	$47.64	$19.07	$24.82	$44.44	$19.62	TBD	$24.45	TBD
Zone 4, per month	UHL4W	NA	NA	NA	NA	NA	$25.90	TBD	$32.38	TBD
NRC - 1st	UHL4W	$402.13	$116.91	$239.96	$609.93	$222.45	$362.21	$362.35	$486.11	$627.70
NRC - Add'l	UHL4W	$352.50	$101.71	$205.28	$507.17	$189.35	$343.63	$343.62	$393.78	$429.86
NRC - Disconnect Charge - 1st	UHL4W	$106.65	NA	NA	NA	$72.54	$105.86	NA	NA	NA
NRC - Disconnect Charge - Add'l	UHL4W	$56.98	NA	NA	NA	$39.42	$57.25	NA	NA	NA
NRC - Incremental Charge - Manual Service Order - 1st	SOMAN	$27.37	NA	$18.94	NA	$18.14	$25.52	$26.94	$44.06	NA
NRC - Incremental Charge - Manual Service Order - Add'l	SOMAN	$12.97	NA	$8.42	NA	$8.06	$11.34	$12.76	$13.55	NA

BELLSOUTH TELECOMMUNICATIONS RATES
NETWORK ELEMENTS AND OTHER SERVICES

Description	Code	C1	C2	C3	C4	C5	C6	C7	C8	C9
NRC - Incremental Charge - Manual Service Order - Disconnect	SOMAN	$17.77	NA	NA	NA	$11.41	$16.06	NA	NA	NA
NRC - Incremental Charge - Order Coordination - Time Specific (per LSR)	OCOSL	$45.99	$55.00	$34.22	$55.00	$32.77	$45.27	$45.34	$45.43	$55.00
4-Wire DS1 Digital Loop, per month										
RC - Statewide, per month	USLXX	NA	NA	NA	NA	NA	NA	NA	NA	NA
RC - Zone 1, per month (Note 2)	USLXX	$51.74	$64.69	$55.53	$50.26	$56.32	$50.99	$62.78	$59.81	TBD
RC - Zone 2, per month (Note 2)	USLXX	$84.05	$94.71	$64.13	$94.06	$96.73	$67.58	TBD	$89.90	TBD
RC - Zone 3, per month (Note 2)	USLXX	$152.29	$208.93	$101.93	$162.34	$197.57	$96.58	TBD	$119.06	TBD
RC - Zone 4, per month (Note 2)	USLXX	NA	NA	NA	NA	NA	NA	NA	NA	NA
NRC - 1st	USLXX	$810.13	$540.00	$429.98	$949.80	$410.38	$599.09	$714.84	$715.77	TBD
NRC - Add'l	USLXX	$390.26	$465.00	$268.18	$623.27	$255.48	$373.90	$421.47	$421.50	TBD
NRC - Disconnect Charge - 1st	USLXX	$194.77	NA	NA	NA	$92.35	$133.53	NA	NA	NA
NRC - Disconnect Charge - Add'l	USLXX	$55.97	NA	NA	NA	$38.44	$66.25	NA	NA	NA
NRC - Incremental Charge - Manual Service Order - 1st	SOMAN	$27.37	NA	$18.94	NA	$16.14	$25.52	$26.94	$43.77	NA
NRC - Incremental Charge - Manual Service Order - Add'l	SOMAN	$12.97	NA	$8.42	NA	$8.06	$11.34	$12.76	$13.55	NA
NRC - Incremental Charge - Manual Service Order - Disconnect	SOMAN	$17.77	NA	NA	NA	$11.41	$16.08	NA	NA	NA
NRC - Incremental Charge - Order Coordination - Time Specific (per LSR)	OCOSL	$49.18	$55.00	$34.52	$55.00	$33.05	$48.17	$45.34	$48.47	NA
4-Wire 56 Kbps Dig Grade Loop, per month										
RC - Statewide, per month	UDL56	NA	NA	NA	NA	NA	NA	$32.67	NA	$42.23
RC - Zone 1, per month (Note 2)	UDL56	$27.33	$39.08	$25.75	NA	$27.50	$25.61	TBD	$34.26	$36.45
RC - Zone 2, per month (Note 2)	UDL56	$44.40	$57.21	$29.74	NA	$47.24	$33.94	TBD	$51.67	$45.87
RC - Zone 3, per month (Note 2)	UDL56	$90.45	$126.22	$47.27	NA	$96.48	$48.51	TBD	$68.43	$65.75
RC - Zone 4, per month (Note 2)	UDL56	NA	NA	NA	NA	NA	NA	NA	NA	NA
NRC - 1st	UDL56	$498.05	$664.72	$348.55	NA	$333.28	$489.00	$489.04	$602.73	$643.00
NRC - Add'l	UDL56	$343.70	$428.45	$241.20	NA	$230.50	$337.93	$337.51	$393.50	$421.28
NRC - Disconnect Charge - 1st	UDL56	$129.62	NA	NA	NA	$87.99	$128.36	$128.36	$44.06	NA
NRC - Disconnect Charge - Add'l	UDL56	$64.25	NA	NA	NA	$44.24	$64.35	$64.35	$13.55	NA
NRC - Incremental Charge - Manual Service Order - 1st	SOMAN	$27.37	NA	$18.94	NA	$18.14	$25.52	$26.94	$44.06	NA
NRC - Incremental Charge - Manual Service Order - Add'l	SOMAN	$12.97	NA	$8.42	NA	$8.06	$11.34	$12.76	$13.55	NA
NRC - Incremental Charge - Manual Service Order - Disconnect	SOMAN	$17.77	NA	NA	NA	$11.41	$16.08	NA	NA	NA
NRC - Incremental Charge - Order Coordination - Time Specific (per LSR)	OCOSL	$45.99	$55.00	$34.22	$55.00	$32.77	$45.27	$45.34	$45.43	$55.00
4-Wire 64 Kbps Dig Grade Loop, per month										
RC - Statewide, per month	UDL64	NA	NA	NA	NA	NA	NA	$32.67	NA	$42.23
RC - Zone 1, per month (Note 2)	UDL64	$27.33	$39.08	$25.75	NA	$27.50	$25.61	TBD	$34.26	$36.45
RC - Zone 2, per month (Note 2)	UDL64	$44.40	$57.21	$29.74	NA	$47.24	$33.94	TBD	$51.67	$45.87
RC - Zone 3, per month (Note 2)	UDL64	$90.45	$126.22	$47.27	NA	$96.48	$48.51	TBD	$68.43	$65.75
RC - Zone 4, per month (Note 2)	UDL64	NA	NA	NA	NA	NA	NA	NA	NA	NA
NRC - 1st	UDL64	$498.05	$664.72	$348.55	NA	$333.28	$489.00	$489.04	$602.73	$643.00
NRC - Add'l	UDL64	$343.70	$428.45	$241.20	NA	$230.50	$337.93	$337.51	$393.50	$421.28
NRC - Disconnect Charge - 1st	UDL64	$129.62	NA	NA	NA	$87.99	$128.36	$128.36	$44.06	NA
NRC - Disconnect Charge - Add'l	UDL64	$64.25	NA	NA	NA	$44.24	$64.35	$64.35	$13.55	NA
NRC - Incremental Charge - Manual Service Order - 1st	SOMAN	$27.37	NA	$18.94	NA	$18.14	$25.52	$26.94	$44.06	NA
NRC - Incremental Charge - Manual Service Order - Add'l	SOMAN	$12.97	NA	$8.42	NA	$8.06	$11.34	$12.76	$13.55	NA
NRC - Incremental Charge - Manual Service Order - Disconnect	SOMAN	$17.77	NA	NA	NA	$11.41	$16.08	NA	NA	NA
NRC - Incremental Charge - Order Coordination - Time Specific (per LSR)	OCOSL	$45.99	$55.00	$34.22	$55.00	$32.77	$45.27	$45.34	$45.43	$55.00
2-Wire Unbundled Copper Loop/Short (less than or equal to 18Kft), includes manual service inquiry and facility reservation, per month, statewide										
RC - Statewide, per month	UCLPB	$15.11	$18.00	$13.97	$11.69	$21.00	NA	$19.00	$20.81	$12.16
RC - Zone 1, per month (Note 2)	UCLPB	TBD	$18.60	$19.80	TBD	$18.90	$16.85	TBD	$18.90	$19.95
RC - Zone 2, per month (Note 2)	UCLPB	TBD	$27.23	$22.96	TBD	$25.85	$22.34	TBD	$28.50	$24.98
RC - Zone 3, per month (Note 2)	UCLPB	TBD	$60.07	$36.34	TBD	$39.14	$31.92	TBD	$37.75	$35.81
RC - Zone 4, per month (Note 2)	UCLPB	NA	NA	NA	NA	NA	$42.13	NA	NA	NA
NRC - 1st	UCLPB	$514.21	$340.00	$395.16	$713.50	$340.00	$504.82	$450.00	$600.61	$270.01
NRC - Add'l	UCLPB	$464.58	$300.00	$217.39	$609.44	$300.00	$458.24	$390.00	$507.33	$234.63
NRC - Disconnect Charge - 1st	UCLPB	TBD	TBD	$142.27	NA	$72.54	$105.86	NA	NA	$74.54

BELLSOUTH TECHNOLOGY RATES
NETWORK ELEMENTS
AND OTHER SERVICES

Description	Code									
NRC - Disconnect Charge - Add'l	UCLPB	TBD	TBD	$37.86	NA	$39.42	$57.25	NA	NA	$39.14
NRC - Incremental Charge - Manual Service Order - 1st	SOMAN	$47.00	$47.00	$18.94	$47.00	$18.14	$25.52	$47.00	$47.00	NA
NRC - Incremental Charge - Manual Service Order - Add'l	SOMAN	$21.00	$21.00	$8.42	$21.00	$8.06	$11.34	$21.00	$25.52	NA
NRC - Incremental Charge - Manual Service Order - Disconnect - 1st	SOMAN	$17.77	NA	$142.27	$17.77	$11.41	$18.06	NA	$21.00	NA
NRC - Incremental Charge - Manual Service Order - Disconnect - Add'l	SOMAN	$17.77	NA	$37.86	$17.77	$11.41	$16.06	NA	$21.00	NA
NRC - Incremental Charge - Manual Order Coordination - per loop	UCLMC	$16.00	$16.00	$36.46	$16.00	$32.77	$45.27	$16.00	$45.43	$34.29

2-Wire Unbundled Copper Loop/Short (less than or equal to 18kft), without manual service Inquiry and facility reservation, per month, statewide

Description	Code									
Zone 1, per month	UCLPW	NA	NA	$11.90	TBD	TBD	$16.85	TBD	$19.00	NA	$12.16
Zone 2, per month	UCLPW	TBD	TBD	$13.74	TBD	TBD	$22.34	TBD	TBD	TBD	TBD
Zone 3, per month	UCLPW	TBD	TBD	$21.83	TBD	TBD	$31.92	TBD	TBD	TBD	TBD
Zone 4, per month	UCLPW	NA	NA	NA	NA	NA	$42.13	NA	NA	TBD	TBD
NRC - 1st	UCLPW	$375.21	$201.00	$154.13	$574.50	$201.00	$365.82	$311.00	$461.61	$131.01
NRC - Add'l	UCLPW	$325.58	$161.00	$139.75	$470.44	$161.00	$317.24	$251.00	$368.33	$95.63
NRC - Disconnect Charge - 1st	UCLPW	TBD	TBD	$140.73	NA	$72.54	$105.86	NA	NA	$74.54
NRC - Disconnect Charge - Add'l	UCLPW	TBD	TBD	$37.45	NA	$39.42	$57.25	NA	NA	$39.14
NRC - Incremental Charge - Manual Service Order - 1st	SOMAN	$47.00	$47.00	NA	$47.00	$18.14	$25.52	$47.00	$47.00	NA
NRC - Incremental Charge - Manual Service Order - Add'l	SOMAN	$21.00	$21.00	NA	$21.00	$8.06	$11.34	$21.00	$21.00	NA
NRC - Incremental Charge - Manual Service Order - Disconnect - 1st	SOMAN	$17.77	$17.77	NA	$17.77	$11.41	$18.06	NA	$21.00	NA
NRC - Incremental Charge - Manual Service Order - Disconnect - Add'l	SOMAN	$17.77	NA	NA	$17.77	$11.41	$16.06	NA	$21.00	NA
NRC - Incremental Charge - Manual Order Coordination - per loop	UCLMC	$16.00	$16.00	$36.46	NA	$32.77	$45.27	$16.00	$45.43	$34.29

2-Wire Unbundled Copper Loop/Long (greater than 18kft), includes manual service inquiry and facility reservation, per month, statewide

Description	Code									
RC - Statewide, per month	UCL2L	$40.00	$35.00	$41.61	$40.00	$37.00	$45.00	$35.00	$40.00	$35.00
RC - Zone 1, per month (Note 2)	UCL2L	TBD	$18.60	$19.80	TBD	$18.90	$10.95	TBD	$18.90	$19.85
RC - Zone 2, per month (Note 2)	UCL2L	TBD	$27.23	$22.98	TBD	$25.85	$22.34	TBD	$28.50	$24.98
RC - Zone 3, per month (Note 2)	UCL2L	TBD	$60.07	$38.34	TBD	$39.14	$31.92	TBD	$37.75	$35.81
RC - Zone 4, per month (Note 2)	UCL2L	NA	NA	NA	NA	NA	$42.13	NA	NA	NA
NRC - 1st	UCL2L	$514.21	$340.00	$395.16	$713.50	$340.00	$504.82	$450.00	$600.61	$270.01
NRC - Add'l	UCL2L	$464.58	$300.00	$217.39	$609.44	$300.00	$456.24	$390.00	$507.33	$234.63
NRC - Disconnect Charge - 1st	UCL2L	NA	NA	$142.27	NA	$72.54	$105.86	NA	NA	$74.54
NRC - Disconnect Charge - Add'l	UCL2L	NA	NA	$37.86	NA	$39.42	$57.25	NA	NA	$39.14
NRC - Incremental Charge - Manual Service Order - 1st	SOMAN	$47.00	$47.00	$18.94	$47.00	$18.14	$25.52	$47.00	$47.00	NA
NRC - Incremental Charge - Manual Service Order - Add'l	SOMAN	$21.00	$21.00	$8.42	$21.00	$8.06	$11.34	$21.00	$21.00	NA
NRC - Incremental Charge - Manual Service Order - Disconnect - 1st	SOMAN	$17.77	NA	$142.27	$17.77	$11.41	$18.06	NA	$21.00	NA
NRC - Incremental Charge - Manual Service Order - Disconnect - Add'l	SOMAN	$17.77	NA	$37.86	$17.77	$11.41	$16.06	NA	$21.00	NA
NRC - Incremental Charge - Manual Order Coordination - per loop	UCLMC	$16.00	$16.00	$36.46	$16.00	$32.77	$45.27	$16.00	$45.43	$34.29

2-Wire Unbundled Copper Loop/Long (greater than 18kft), without manual service inquiry and facility reservation, per month, statewide

Description	Code									
Zone 1, per month	UCL2W	$40.00	$35.00	$37.00	$40.00	$37.00	$45.00	$35.00	$40.00	$35.00
Zone 2, per month	UCL2W	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
Zone 3, per month	UCL2W	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
Zone 4, per month	UCL2W	NA	NA	NA	NA	NA	NA	NA	NA	NA
NRC - 1st	UCL2W	$375.21	$201.00	$154.13	$574.50	$201.00	$365.82	$311.00	$461.61	$131.01
NRC - Add'l	UCL2W	$325.58	$161.00	$139.75	$470.44	$161.00	$317.24	$251.00	$368.33	$95.63
NRC - Disconnect Charge - 1st	UCL2W	NA	NA	TBD	NA	$72.54	$105.86	NA	NA	$74.54
NRC - Disconnect Charge - Add'l	UCL2W	NA	NA	TBD	NA	$39.42	$57.25	NA	NA	$39.14
NRC - Incremental Charge - Manual Service Order - 1st	SOMAN	$47.00	$47.00	TBD	$47.00	$18.14	$25.52	$47.00	$47.00	NA
NRC - Incremental Charge - Manual Service Order - Add'l	SOMAN	$21.00	$21.00	TBD	$21.00	$8.06	$11.34	$21.00	$25.52	NA

BELLSOUTH TECHNOLOGY RATES
NETWORK ELEMENTS
AND OTHER SERVICES

Description	USOC									
NRC - Incremental Charge - Manual Service Order - Disconnect - 1st	SOMAN	$17.77	NA	TBD	$17.77	$11.41	$16.06	NA	$21.00	NA
NRC - Incremental Charge - Manual Service Order - Disconnect - Add'l	SOMAN	$17.77	NA	TBD	$17.77	$11.41	$16.06	$16.00	$21.00	NA
NRC - Incremental Charge - Manual Order Coordination - per loop	UCLMC	$16.00	$16.00	$36.46	$16.00	$32.77	$45.27	$16.00	$45.43	$34.29
4-Wire Unbundled Copper Loop/Short (less than or equal to 18kft), includes manual service Inquiry and facility reservation, per month, statewide										
Zone 1, per month	UCL4S	TBD	TBD	$19.34	TBD	TBD	TBD	TBD	TBD	TBD
Zone 2, per month	UCL4S	TBD	TBD	$16.65	TBD	TBD	TBD	TBD	TBD	TBD
Zone 3, per month	UCL4S	TBD	TBD	$19.22	TBD	TBD	TBD	TBD	TBD	TBD
Zone 4, per month	UCL4S	NA	NA	$30.55	NA	NA	TBD	NA	NA	NA
NRC - 1st	UCL4S	TBD	TBD	$353.80	TBD	TBD	TBD	TBD	TBD	TBD
NRC - Add'l	UCL4S	TBD	TBD	$162.61	TBD	TBD	TBD	TBD	TBD	TBD
NRC - Disconnect Charge - 1st	UCL4S	TBD	TBD	$156.25	TBD	TBD	TBD	TBD	TBD	TBD
NRC - Disconnect Charge - Add'l	UCL4S	TBD	TBD	$41.96	TBD	TBD	TBD	TBD	TBD	TBD
NRC - Incremental Charge - Manual Service Order - 1st	SOMAN	TBD	TBD	NA	TBD	TBD	TBD	TBD	TBD	TBD
NRC - Incremental Charge - Manual Service Order - Add'l	SOMAN	TBD	TBD	NA	TBD	TBD	TBD	TBD	TBD	TBD
NRC - Incremental Charge - Manual Service Order - Disconnect	SOMAN	TBD	TBD	NA	TBD	TBD	TBD	TBD	TBD	TBD
NRC - Incremental Charge - Manual Order Coordination - per loop	UCLMC	TBD	TBD	$36.46	TBD	TBD	TBD	TBD	TBD	TBD
4-Wire Unbundled Copper Loop/Short (less than or equal to 18kft), without manual service Inquiry and facility reservation, per month, statewide										
Zone 1, per month	UCL4W	TBD	TBD	$19.34	TBD	TBD	TBD	TBD	TBD	TBD
Zone 2, per month	UCL4W	TBD	TBD	$16.65	TBD	TBD	TBD	TBD	TBD	TBD
Zone 3, per month	UCL4W	TBD	TBD	$19.22	TBD	TBD	TBD	TBD	TBD	TBD
Zone 4, per month	UCL4W	NA	NA	$30.55	NA	NA	TBD	NA	NA	NA
NRC - 1st	UCL4W	TBD	TBD	$214.90	TBD	TBD	TBD	TBD	TBD	TBD
NRC - Add'l	UCL4W	TBD	TBD	$162.61	TBD	TBD	TBD	TBD	TBD	TBD
NRC - Disconnect Charge - 1st	UCL4W	TBD	TBD	$156.25	TBD	TBD	TBD	TBD	TBD	TBD
NRC - Disconnect Charge - Add'l	UCL4W	TBD	TBD	$41.96	TBD	TBD	TBD	TBD	TBD	TBD
NRC - Incremental Charge - Manual Service Order - 1st	SOMAN	TBD	TBD	NA	TBD	TBD	TBD	TBD	TBD	TBD
NRC - Incremental Charge - Manual Service Order - Add'l	SOMAN	TBD	TBD	NA	TBD	TBD	TBD	TBD	TBD	TBD
NRC - Incremental Charge - Manual Service Order - Disconnect	SOMAN	TBD	TBD	$36.46	TBD	TBD	TBD	TBD	TBD	TBD
NRC - Incremental Charge - Manual Order Coordination - per loop	UCLMC	TBD	TBD	$36.46	TBD	TBD	TBD	TBD	TBD	TBD
4-Wire Unbundled Copper Loop/Long (greater than 18kft), includes manual service Inquiry and reservation, per month, statewide										
Zone 1, per month	UCL4L	TBD	TBD	$65.86	TBD	TBD	TBD	TBD	TBD	TBD
Zone 2, per month	UCL4L	TBD	TBD	$47.56	TBD	TBD	TBD	TBD	TBD	TBD
Zone 3, per month	UCL4L	TBD	TBD	$54.92	TBD	TBD	TBD	TBD	TBD	TBD
Zone 4, per month	UCL4L	NA	NA	$87.30	NA	NA	TBN	NA	NA	NA
NRC - 1st	UCL4L	TBD	TBD	$397.06	TBD	TBD	TBD	TBD	TBD	TBD
NRC - Add'l	UCL4L	TBD	TBD	$227.88	TBD	TBD	TBD	TBD	TBD	TBD
NRC - Disconnect Charge - 1st	UCL4L	TBD	TBD	$156.25	TBD	TBD	TBD	TBD	TBD	TBD
NRC - Disconnect Charge - Add'l	UCL4L	TBD	TBD	$41.96	TBD	TBD	TBD	TBD	TBD	TBD
NRC - Incremental Charge - Manual Service Order - 1st	SOMAN	TBD	TBD	NA	TBD	TBD	TBD	TBD	TBD	TBD
NRC - Incremental Charge - Manual Service Order - Add'l	SOMAN	TBD	TBD	NA	TBD	TBD	TBD	TBD	TBD	TBD
NRC - Incremental Charge - Manual Service Order - Disconnect	SOMAN	TBD	TBD	NA	TBD	TBD	TBD	TBD	TBD	TBD
NRC - Incremental Charge - Manual Order Coordination - per loop	UCLMC	TBD	TBD	$36.46	TBD	TBD	TBD	TBD	TBD	TBD
4-Wire Unbundled Copper Loop/Long (greater than 18kft), without manual service Inquiry and facility reservation, per month, statewide										
Zone 1, per month	UCL4O	TBD	TBD	$55.86	TBD	TBD	TBD	TBD	TBD	TBD
Zone 2, per month	UCL4O	TBD	TBD	$47.56	TBD	TBD	TBD	TBD	TBD	TBD
Zone 3, per month	UCL4O	TBD	TBD	$54.92	TBD	TBD	TBD	TBD	TBD	TBD
Zone 4, per month	UCL4O	NA	NA	$87.30	NA	NA	TBN	NA	NA	NA

BELLSOUTH METHODOLOGY RATES
NETWORK ELEMENTS
AND OTHER SERVICES

Description	Code									
NRC - 1st	UCL4O	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
NRC - Add'l	UCL4O	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
NRC - Disconnect Charge - 1st	UCL4O	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
NRC - Disconnect Charge - Add'l	UCL4O	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
NRC - Incremental Charge - Manual Service Order - 1st	SOMAN	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
NRC - Incremental Charge - Manual Service Order - Add'n	SOMAN	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
NRC - Incremental Charge - Manual Service Order - Disconnect	SOMAN	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
NRC - Incremental Charge - Manual Order Coordination - per loop	UCLMC	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
DS3 Local Loop										
DS3 Unbundled Local Loop - per mile	1LSND	$10.85	$11.97	$8.90	$43.69	$11.28	$64.39	$11.40	$15.53	$30.53
DS3 Unbundled Local Loop - per Facility Termination	UE3PX	$419.65	$407.58	$390.34	$436.95	$439.59	$427.81	$413.09	$421.80	$400.21
NRC - Facility Termination - 1st	UE3PX	$640.54	$910.45	$639.50	$1,091.00	$594.70	$975.22	$757.25	$735.42	$726.16
NRC - Facility Termination - Add'l	UE3PX	$426.82	$532.19	$426.40	$961.23	$396.54	$549.17	$534.95	$519.31	$411.64
NRC - Facility Termination - Disconnect - 1st	UE3PX	$121.72	$223.20	$122.31	NA	$102.18	$134.07	NA	NA	$103.36
NRC - Facility Termination - Disconnect - Add'l	UE3PX	$118.54	$156.12	$119.14	NA	$99.46	$130.59	NA	NA	$100.59
NRC - Manual Svc Order, per LSR	SOMAN	NA	$21.73	NA	$19.99	NA	NA	NA	NA	$19.99
NRC - Manual Svc Order, per LSR disconnect	SOMAN	$3.50	$3.87	$3.50	$3.50	$3.50	$3.50	$3.50	$3.50	$3.50
NRC - Electronic Svc Order, per LSR	SOMEC	NA	$2.77	NA	NA	NA	NA	NA	NA	NA
NRC - Electronic Svc Order, per LSR disconnect	SOMEC	NA	$0.43	NA	NA	NA	NA	NA	NA	NA
NRC - Incremental Charge--Manual Svc Order - 1st	SOMAN	$38.48	NA	$37.55	NA	$34.92	$68.62	$55.00	$54.26	NA
NRC - Incremental Charge--Manual Svc Order - Add'l	SOMAN	$38.48	NA	$37.55	NA	$34.92	$68.62	$55.00	$54.26	NA
NRC - Incremental Cost - Manual Svc. Order vs. Elect-Disconnect-1st	SOMAN	$19.03	NA	$18.03	NA	$20.94	$28.59	NA	NA	NA
NRC - Incremental Cost - Manual Svc. Order vs. Elect-Disconnect-Add'l	SOMAN	$19.03	NA	$18.03	NA	$20.94	$28.59	NA	NA	NA
STS-1 Local Loop										
STS-1 Unbundled Local Loop - per mile	1LSND	$10.85	$11.97	$8.90	$43.69	$11.29	$64.39	$11.40	$15.53	$30.53
STS-1 Unbundled Local Loop - per Facility Termination	UDLS1	$434.31	$448.40	$390.34	$436.95	$464.26	$427.81	$428.93	$431.32	$400.21
NRC - STS-1 - Facility Termination - 1st	UDLS1	$640.54	$910.45	$639.50	$1,091	$594.71	$975.22	$757.25	$735.42	$726.16
NRC - STS-1 - Facility Termination - Add'l	UDLS1	$426.82	$532.19	$426.40	$961.23	$396.54	$549.17	$534.95	$519.31	$411.64
NRC - STS-1 - Facility Termination - Disconnect - 1st	UDLS1	$121.72	$223.20	$122.31	NA	$113.75	$134.07	NA	NA	$103.36
NRC - STS-1 - Facility Termination - Disconnect - Add'l	UDLS1	$118.54	$156.12	$119.14	NA	$110.80	$130.59	NA	NA	$100.59
NRC - Manual Svc Order, per LSR	SOMAN	NA	$21.73	NA	$19.99	NA	NA	NA	NA	$19.99
NRC - Manual Svc Order, per LSR disconnect	SOMAN	$3.50	$3.87	$3.50	$3.50	$3.50	$3.50	$3.50	$3.50	$3.50
NRC - Electronic Svc Order, per LSR	SOMEC	NA	$2.77	NA	NA	NA	NA	NA	NA	NA
NRC - Electronic Svc Order, per LSR disconnect	SOMEC	NA	$0.43	NA	NA	NA	NA	NA	NA	NA
NRC - STS-1 - Incremental Charge--Manual Svc Order - 1st	SOMAN	$38.48	NA	$37.55	NA	$34.92	$68.62	$55.00	$54.26	NA
NRC - STS-1 - Incremental Charge--Manual Svc Order - Add'l	SOMAN	$38.48	NA	$37.55	NA	$34.92	$68.62	$55.00	$54.26	NA
NRC - STS-1 - Incremental Cost - Manual Svc. Order vs. Elect-Disconnect-1st	SOMAN	$19.03	NA	$18.03	NA	$16.77	$28.59	NA	NA	NA
NRC - STS-1 - Incremental Cost - Manual Svc. Order vs. Elect-Disconnect-Add'l	SOMAN	$19.03	NA	$18.03	NA	$16.77	$28.59	NA	NA	NA
OC3- Local Loop										
Local Loop - OC3 - per Mile	TBD	$8.23	$9.08	$9.75	$33.15	$29.59	$41.27	$24.99	$11.78	$23.16
Local Loop - OC3 - per Facility Termination	TBD	$691.33	$851.40	$630.21	$713.29	$753.65	$689.68	$611.36	$701.71	$620.20
NRC - OC3 - Facility Termination - 1st	TBD	$949.63	$974.02	$947.99	$1,543	$1,025	$1,427	$1,411	$1,044	$1,050
NRC - OC3 - Facility Termination - Add'l	TBD	$413.38	$412.05	$413.00	$961.23	$402.63	$549.17	$542.73	$505.88	$411.64
NRC - OC3 - Facility Termination - Disconnect - 1st	TBD	$121.72	$412.44	$122.31	NA	$102.16	$134.07	$131.65	NA	$103.36
NRC - OC3 - Facility Termination - Disconnect - Add'l	TBD	$118.54	$109.19	$119.14	NA	$99.46	$130.59	$128.19	NA	$100.59
NRC - Manual Svc Order, per LSR	SOMAN	NA	$21.73	NA	$19.99	NA	NA	NA	NA	$19.99
NRC - Manual Svc Order, per LSR disconnect	SOMEC	$3.50	$3.87	$3.50	$3.50	$3.50	$3.50	$3.50	$3.50	$3.50
NRC - Electronic Svc Order, per LSR	SOMEC	NA	$2.77	NA	NA	NA	NA	NA	NA	NA
NRC - Electronic Svc Order, per LSR disconnect	SOMEC	NA	$0.43	NA	NA	NA	NA	NA	NA	NA
NRC - OC3 - Incremental Charge--Manual Svc Order - 1st	SOMAN	$38.48	NA	$37.55	$93.12	$50.25	$68.62	$69.34	$54.26	NA
NRC - OC3 - Incremental Charge--Manual Svc Order - Add'l	SOMAN	$38.48	NA	$37.55	$93.12	$50.25	$68.62	$69.34	$54.26	NA
NRC - OC3 -Incremental Cost - Manual Svc. Order vs. Elect-Disconnect-1st	SOMAN	$19.03	NA	$18.03	NA	$20.94	$28.59	$29.76	NA	NA
NRC - OC3 -Incremental Cost - Manual Svc. Order vs. Elect-Disconnect-Add'l	SOMAN	$19.03	NA	$18.03	NA	$20.94	$28.59	$29.76	NA	NA
OC-12 Local Loop										
Local Loop - OC12 - per Mile	TBD	$10.13	$11.18	$9.31	$40.80	$36.40	$50.79	$30.38	$14.50	$29.51

BELLSOUTH/NOLOGY RATES
NETWORK ELEMENTS
AND OTHER SERVICES

Description	USOC									
Local Loop - OC12 - per Facility Termination	TBD	$2,557	$2,069	$2,109.00	$2,457	$2,571	$2,371	$2,122	$2,663	$2,079
NRC - OC12 - Facility Termination - 1st	TBD	$1,165	$1,193	$1,182.00	$1,858	$1,245	$1,742	$1,722	$1,259	$1,276
NRC - OC12 - Facility Termination - Add'l	TBD	$413.38	$412.05	$413.00	$661.23	$402.63	$549.17	$542.73	$505.88	$411.64
NRC - OC12 - Facility Termination - Disconnect - 1st	TBD	$121.72	$112.44	$122.31	NA	$102.16	$134.07	$131.65	NA	$103.36
NRC - OC12 - Facility Termination - Disconnect - Add'l	TBD	$118.54	$109.19	$119.14	NA	$99.46	$130.59	$128.19	NA	$100.59
NRC - Manual Svc Order, per LSR	SOMAN	NA	$21.73	NA	$19.99	NA	NA	NA	NA	$19.99
NRC - Manual Svc Order, per LSR disconnect	SOMAN	NA	$3.87	NA	NA	NA	NA	NA	NA	NA
NRC - Electronic Svc Order, per LSR	SOMEC	$3.50	$2.77	$3.50	$3.50	$3.50	$3.50	$3.50	$3.50	$3.50
NRC - Electronic Svc Order, per LSR disconnect	SOMEC	NA	$0.43	NA	NA	NA	NA	NA	NA	NA
NRC - OC12 - Incremental Charge - Manual Svc Order - 1st	SOMAN	$38.48	NA	$37.55	$93.12	$50.25	$68.62	$69.34	$64.26	NA
NRC - OC12 - Incremental Charge - Manual Svc Order - Add'l	SOMAN	$38.48	NA	$37.55	$93.12	$50.25	$68.62	$69.34	$54.26	NA
NRC - OC12 - Incremental Cost-Manual Svc. Order vs. Elect-Disconnect-1st	SOMAN	$19.03	NA	$18.03	NA	$20.94	$28.59	$29.76	NA	NA
NRC - OC12 - Incremental Cost-Manual Svc. Order vs. Elect-Disconnect-Add'l	SOMAN	$19.03	NA	$18.03	NA	$20.94	$28.59	$29.76	NA	NA
OC - 48 Local Loop										
Local Loop - OC48 - per Mile	TBD	$33.22	$36.67	$27.25	$133.84	$119.40	$166.59	$120.02	$47.57	$93.50
Local Loop - OC48 - per Facility Termination	TBD	$1,713	$1,699	$1,598.00	$2,129	$2,268	$1,753	$1,677	$1,733	$1,832
Local Loop - OC12 Interface on OC48 Facility	TBD	$739.71	$692.09	$594.90	$725.77	$723.29	$667.00	$682.66	$773.40	$570.54
NRC - OC48 - Facility Termination - 1st	TBD	$1,165	$1,193	$1,162.00	$1,858	$1,245	$1,742	$1,722	$1,259	$1,276
NRC - OC48 - Facility Termination - Add'l	TBD	$413.38	$412.05	$413.00	$661.23	$402.63	$549.17	$542.73	$505.88	$411.64
NRC - OC48 - Interface OC12 on OC48 - 1st	TBD	$121.72	$472.77	$539.36	$844.21	$532.13	$729.04	$720.81	$635.04	$544.55
NRC - OC48 - Interface OC12 on OC48 - Add'l	TBD	$118.54	$329.91	$317.38	$516.89	$304.90	$404.94	$400.38	$410.02	$311.39
NRC - OC48 - Facility Termination - Disconnect - 1st	TBD	$121.72	$108.95	$122.31	NA	$102.16	$134.07	$131.65	NA	$103.36
NRC - OC48 - Facility Termination - Disconnect - Add'l	TBD	$118.54	$106.01	$119.14	NA	$99.46	$130.59	$128.19	NA	$100.59
NRC - OC48 - Interface OC12 on OC48 - Disconnect - 1st	TBD	$121.72	$108.95	$122.31	NA	$102.16	$134.07	$131.65	NA	$103.36
NRC - OC48 - Interface OC12 on OC48 - Disconnect - Add'l	TBD	$118.54	$106.01	$119.14	NA	$99.46	$130.59	$126.19	NA	$100.59
NRC - Manual Svc Order, per LSR disconnect	SOMAN	NA	$21.73	NA	$19.99	NA	NA	NA	NA	$19.99
NRC - Manual Svc Order, per LSR	SOMAN	NA	$3.87	NA	NA	NA	NA	NA	NA	NA
NRC - Electronic Svc Order, per LSR	SOMEC	$3.50	$2.77	$3.50	$3.50	$3.50	$3.50	$3.50	$3.50	$3.50
NRC - Electronic Svc Order, per LSR disconnect	SOMEC	NA	$0.43	NA	NA	NA	NA	NA	NA	NA
NRC - OC48 - Facility Termination-Manual Svc Order vs Electronic-Disconnect-1st	SOMAN	$19.03	NA	$37.55	NA	$20.94	$28.59	$29.76	NA	NA
NRC - OC48 - Facility Termination-Manual Svc Order vs Electronic-Disconnect-Ad	SOMAN	$19.03	NA	$37.55	NA	$20.94	$28.59	$29.76	NA	NA
NRC - OC48 - Interface - Manual Svc Order vs Electronic-Disconnect-1st	SOMAN	$19.03	NA	$37.55	NA	$20.94	$28.59	$29.76	NA	NA
NRC - OC48 - Interface - Manual Svc Order vs Electronic-Disconnect-Add'l	SOMAN	$19.03	NA	$37.55	NA	$20.94	$28.59	$29.76	NA	NA
NRC - OC48 - Incremental Charge - Manual Svc Order - 1st	SOMAN	$38.48	NA	$18.03	$93.12	$50.25	$68.62	$69.34	$64.26	NA
NRC - OC48 - Incremental Charge - Manual Svc Order-Add'l	SOMAN	$38.48	NA	$18.03	$93.12	$50.25	$68.62	$69.34	$54.26	NA
NRC - OC48 - Interface OC12 on OC48 - Incremental Charge - Manual Svc Order - 1st	SOMAN	$38.48	NA	$18.03	$93.12	$50.25	$68.62	$69.34	NA	NA
NRC - OC48 - Interface OC12 on OC48 - Incremental Charge - Manual Svc Order-Add'l	SOMAN	$38.48	NA	$18.03	$93.12	$50.25	$68.62	$69.34	NA	NA
Unbundled Loop Modification										
NRC - Load Coil/Equipment Removal per 2 Wire pair - Loops less than or equal to 18kft	ULM2L	$80.55	$80.55	$69.28	$80.55	$80.55	$80.55	$80.55	$80.55	$80.55
NRC - Load Coil/Equipment Removal per 2 Wire pair - Loops greater than 18kft - 1st	ULM2G	$880.00	$880.00	$757.04	$880.00	$880.00	$880.00	$880.00	$880.00	$880.00
NRC - Load Coil/Equipment Removal per 2 Wire pair - Loops greater than 18kft - Add'l	ULM2G	$27.30	$27.30	$23.49	$27.30	$27.30	$27.30	$27.30	$27.30	$27.30
NRC - Load Coil/Equipment Removal per 4 Wire pair - Loops less than or equal to 18kft	ULM4G	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN
NRC - Load Coil/Equipment Removal per 4 Wire pair - Loops greater than 18kft - 1st	ULM4L	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN
NRC - Load Coil/Equipment Removal per 4 Wire pair - Loops greater than 18kft - Add'l	ULM4L	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN
NRC - Bridge Tap Removal per pair unloaded	ULMBT	$121.14	$121.14	$79.99	$121.14	$121.14	$121.14	$121.14	$121.14	$121.14
UNBUNDLED SUB-LOOPS										
SUB-LOOP DISTRIBUTION										

BELLSOUTH/NEOLOGY RATES
NETWORK ELEMENTS
AND OTHER SERVICES

Description	Code			Rate					
Cross-Box Set-Up									
NRC - Set-Up per Cross Box location in the field - CLEC Feeder Facility set-up	USBSA	TBN	TBN	$421.08	TBN	TBN	TBN	TBN	TBN
NRC - Set-Up per Cross Box location in the field - per 25 pair panel set-up	USBSB	TBN	TBN	$67.10	TBN	TBN	TBN	TBN	TBN
NRC - Set-Up per Building Equipment Room - CLEC Feeder Facility set-up	USBSC	TBN	TBN	$394.74	TBN	TBN	TBN	TBN	TBN
NRC - Set-Up per Building Equipment Room - per 25 pair panel set-up	USBSD	TBN	TBN	$154.57	TBN	TBN	TBN	TBN	TBN
Loop Distribution per 2-Wire Analog VG Sub-Loop, per month									
NRC - 1st	USBN2	TBN	TBN	$9.12	$10.83	TBN	TBN	TBN	TBN
NRC - Add'l	USBN2	TBN	TBN	$207.01	$459.85	TBN	TBN	TBN	TBN
NRC - Disconnect Charge - 1st	USBN2	TBN	TBN	$171.32	$352.89	TBN	TBN	TBN	TBN
NRC - Disconnect Charge - Add'l	USBN2	TBN	TBN	TBD	TBN	TBN	TBN	TBN	TBN
NRC - Incremental Charge - Manual Service Order - 1st	SOMAN	TBN	TBN	$18.94	TBN	TBN	TBN	TBN	TBN
NRC - Incremental Charge - Manual Service Order - Add'l	SOMAN	TBN	TBN	$8.42	TBN	TBN	TBN	TBN	TBN
NRC - Incremental Charge - Manual Service Order - Disconnect	SOMAN	TBN	TBN	TBD	TBN	TBN	TBN	TBN	TBN
NRC - Incremental Charge - Manual Order Coordination - per loop	USBMC	TBN	TBN	$34.22	TBN	TBN	TBN	TBN	TBN
Loop Distribution per 4-Wire Analog VG Sub-Loop, per month									
NRC - 1st	USBN4	TBN	TBN	$9.32	TBN	TBN	TBN	TBN	TBN
NRC - Add'l	USBN4	TBN	TBN	$219.35	TBN	TBN	TBN	TBN	TBN
NRC - Disconnect Charge - 1st	USBN4	TBN	TBN	$72.99	TBN	TBN	TBN	TBN	TBN
NRC - Disconnect Charge - Add'l	USBN4	TBN	TBN	$123.72	TBN	TBN	TBN	TBN	TBN
NRC - Incremental Charge - Manual Service Order - 1st	SOMAN	TBN	TBN	$28.77	TBN	TBN	TBN	TBN	TBN
NRC - Incremental Charge - Manual Service Order - Add'l	SOMAN	TBN	TBN	NA	TBN	TBN	TBN	TBN	TBN
NRC - Incremental Charge - Manual Service Order - Disconnect	SOMAN	TBN	TBN	NA	TBN	TBN	TBN	TBN	TBN
NRC - Incremental Charge - Manual Order Coordination - per loop	USBMC	TBN	TBN	$34.22	TBN	TBN	TBN	TBN	TBN
Loop Distribution per 2 Wire Unbundled Copper Sub-Loop, per month									
NRC - 1st	UCS2X	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN
NRC - Add'l	UCS2X	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN
NRC - Disconnect Charge - 1st	UCS2X	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN
NRC - Disconnect Charge - Add'l	UCS2X	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN
NRC - Incremental Charge - Manual Service Order - 1st	SOMAN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN
NRC - Incremental Charge - Manual Service Order - Add'l	SOMAN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN
NRC - Incremental Charge - Manual Service Order - Disconnect	SOMAN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN
NRC - Incremental Charge - Manual Order Coordination - per loop	USBMC	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN
Loop Distribution per 4 Wire Unbundled Copper Sub-Loop, per month									
NRC - 1st	UCS4X	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN
NRC - Add'l	UCS4X	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN
NRC - Disconnect Charge - 1st	UCS4X	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN
NRC - Disconnect Charge - Add'l	UCS4X	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN
NRC - Incremental Charge - Manual Service Order - 1st	SOMAN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN
NRC - Incremental Charge - Manual Service Order - Add'l	SOMAN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN
NRC - Incremental Charge - Manual Service Order - Disconnect	SOMAN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN
NRC - Incremental Charge - Manual Order Coordination - per loop	USBMC	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN
Sub-Loop-Intrabuilding Network Cable (INC) (a.k.a. riser cable), 2W analog, per mo									
NRC - 1st	USBR2	TBN	TBN	$1.61	$137.03	TBN	TBN	TBN	TBN
NRC - Add'l	USBR2	TBN	TBN	$41.59	TBN	TBN	TBN	TBN	TBN
NRC - Disconnect Charge - 1st	USBR2	TBN	TBN	$115.85	TBN	TBN	TBN	TBN	TBN
NRC - Disconnect Charge - Add'l	USBR2	TBN	TBN	$19.17	TBN	TBN	TBN	TBN	TBN
NRC - Incremental Charge - Manual Service Order - 1st	SOMAN	TBN	TBN	NA	TBN	TBN	TBN	TBN	TBN
NRC - Incremental Charge - Manual Service Order - Add'l	SOMAN	TBN	TBN	NA	TBN	TBN	TBN	TBN	TBN
NRC - Incremental Charge - Manual Service Order - Disconnect	SOMAN	TBN	TBN	NA	TBN	TBN	TBN	TBN	TBN
NRC - Incremental Charge - Manual Order Coordination - per loop	USBMC	TBN	TBN	$34.22	TBN	TBN	TBN	TBN	TBN
Sub-Loop-Intrabuilding Network Cable (a.k.a. riser cable), 4W analog, per month									
NRC - 1st	USBR4	TBN	TBN	$2.96	TBN	TBN	TBN	TBN	TBN
NRC - Add'l	USBR4	TBN	TBN	$178.46	TBN	TBN	TBN	TBN	TBN
NRC - Disconnect Charge - 1st	USBR4	TBN	TBN	$55.11	TBN	TBN	TBN	TBN	TBN
NRC - Add'l	USBR4	TBN	TBN	$122.17	TBN	TBN	TBN	TBN	TBN

BELLSOUTH TECHNOLOGY RATES
NETWORK ELEMENTS
AND OTHER SERVICES

Description	Code	Rate
NRC - Disconnect Charge - Add'l	USBR4	$19.57
NRC - Incremental Charge - Manual Service Order - 1st	SOMAN	NA
NRC - Incremental Charge - Manual Service Order - Add'l	SOMAN	NA
NRC - Incremental Charge - Manual Service Order - Disconnect	SOMAN	NA
NRC - Incremental Charge - Manual Order Coordination - per loop	USBMC	$34.22
SUB-LOOP FEEDER		
Cross-Box Set-Up		
NRC - DS0 Set-Up per Cross Box location - CLEC Distribution Facility set-up	USBFW	$421.08
NRC - DS0 Set-Up per Cross Box location - per 25 pair panel set-up	USBFX	$67.10
NRC - DS1 Set-Up per Cross Box location - CLEC Distribution Facility set-up	USBFY	TBN
NRC - DS1 Set-Up per Cross Box location - per pair panel set-up	USBFZ	TBN
2-Wire Analog VG Ground-Start Unbundled Sub-Loop Feeder, per month		
NRC - 1st	USBFA	$9.58
NRC - Add'l	USBFA	$206.44
NRC - Disconnect Charge - 1st	USBFA	$170.05
NRC - Disconnect Charge - Add'l	USBFA	TBN
NRC - Incremental Charge - Manual Service Order - 1st	SOMAN	$18.94
NRC - Incremental Charge - Manual Service Order - Add'l	SOMAN	$8.42
NRC - Incremental Charge - Manual Service Order - Disconnect	SOMAN	TBN
NRC - Incremental Charge - Manual Order Coordination - per loop	TBD	$34.22
2-Wire Analog VG Loop-Start Unbundled Sub-Loop Feeder, per month		
NRC - 1st	USBFB	$9.58
NRC - Add'l	USBFB	$206.44
NRC - Disconnect Charge - 1st	USBFB	$170.05
NRC - Disconnect Charge - Add'l	USBFB	TBN
NRC - Incremental Charge - Manual Service Order - 1st	SOMAN	$18.94
NRC - Incremental Charge - Manual Service Order - Add'l	SOMAN	$8.42
NRC - Incremental Charge - Manual Service Order - Disconnect	SOMAN	TBN
NRC - Incremental Charge - Manual Order Coordination - per loop	TBD	$34.22
2-Wire Analog VG Reverse Battery Unbundled Sub-Loop Feeder, per month		
NRC - 1st	USBFC	$9.58
NRC - Add'l	USBFC	$206.44
NRC - Disconnect Charge - 1st	USBFC	$170.05
NRC - Disconnect Charge - Add'l	USBFC	TBN
NRC - Incremental Charge - Manual Service Order - 1st	SOMAN	$18.94
NRC - Incremental Charge - Manual Service Order - Add'l	SOMAN	$8.42
NRC - Incremental Charge - Manual Service Order - Disconnect	SOMAN	TBN
NRC - Incremental Charge - Manual Order Coordination - per loop	TBD	$34.22
4-Wire Analog VG Ground-Start Unbundled Sub-Loop Feeder, per month		
NRC - 1st	USBFD	$19.91
NRC - Add'l	USBFD	$243.41
NRC - Disconnect Charge - 1st	USBFD	$91.32
NRC - Disconnect Charge - Add'l	USBFD	$134.77
NRC - Incremental Charge - Manual Service Order - 1st	USBFD	$33.93
NRC - Incremental Charge - Manual Service Order - Add'l	SOMAN	NA
NRC - Incremental Charge - Manual Service Order - Disconnect	SOMAN	NA
NRC - Incremental Charge - Manual Order Coordination - per loop	TBD	$34.22

Note: All remaining columns (to the right and left of the rate column shown) contain the value TBN.

Exhibit D
Rates - Page 12

BELLSOUTH TECHNOLOGY RATES
NETWORK ELEMENTS
AND OTHER SERVICES

Description	Code								
4-Wire Analog VG Loop-Start Unbundled Sub-Loop Feeder, per month									
NRC - 1st	USBFE	TBN	TBN	$19.91	TBN	TBN	TBN	TBN	TBN
NRC - Add'l	USBFE	TBN	TBN	$243.41	TBN	TBN	TBN	TBN	TBN
NRC - Disconnect Charge - 1st	USBFE	TBN	TBN	$81.32	TBN	TBN	TBN	TBN	TBN
NRC - Disconnect Charge - Add'l	USBFE	TBN	TBN	$134.77	TBN	TBN	TBN	TBN	TBN
NRC - Incremental Charge - Manual Service Order - 1st	SOMAN	TBN	TBN	$33.93	TBN	TBN	TBN	TBN	TBN
NRC - Incremental Charge - Manual Service Order - Add'l	SOMAN	TBN	TBN	NA	TBN	TBN	TBN	TBN	TBN
NRC - Incremental Charge - Manual Service Order - Disconnect	SOMAN	TBN	TBN	NA	TBN	TBN	TBN	TBN	TBN
NRC - Incremental Charge - Manual Order Coordination - per loop	TBD	TBN	TBN	$34.22	TBN	TBN	TBN	TBN	TBN
2-Wire ISDN Unbundled Sub-Loop Feeder, per month									
NRC - 1st	USBFF	TBN	TBN	$17.73	TBN	TBN	TBN	TBN	TBN
NRC - Add'l	USBFF	TBN	TBN	$206.50	TBN	TBN	TBN	TBN	TBN
NRC - Disconnect Charge - 1st	USBFF	TBN	TBN	$82.31	TBN	TBN	TBN	TBN	TBN
NRC - Disconnect Charge - Add'l	USBFF	TBN	TBN	$119.68	TBN	TBN	TBN	TBN	TBN
NRC - Incremental Charge - Manual Service Order - 1st	SOMAN	TBN	TBN	$29.58	TBN	TBN	TBN	TBN	TBN
NRC - Incremental Charge - Manual Service Order - Add'l	SOMAN	TBN	TBN	NA	TBN	TBN	TBN	TBN	TBN
NRC - Incremental Charge - Manual Service Order - Disconnect	SOMAN	TBN	TBN	NA	TBN	TBN	TBN	TBN	TBN
NRC - Incremental Charge - Manual Order Coordination - per loop	TBD	TBN	TBN	$34.22	TBN	TBN	TBN	TBN	TBN
4-Wire DS1 Unbundled Sub-Loop Feeder, per month									
NRC - 1st	USBFG	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN
NRC - Add'l	USBFG	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN
NRC - Disconnect Charge - 1st	USBFG	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN
NRC - Disconnect Charge - Add'l	USBFG	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN
NRC - Incremental Charge - Manual Service Order - 1st	SOMAN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN
NRC - Incremental Charge - Manual Service Order - Add'l	SOMAN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN
NRC - Incremental Charge - Manual Service Order - Disconnect	SOMAN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN
NRC - Incremental Charge - Manual Order Coordination - per loop	TBD	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN
2-Wire Copper Unbundled Sub-Loop Feeder, per month									
NRC - 1st	USBFH	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN
NRC - Add'l	USBFH	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN
NRC - Disconnect Charge - 1st	USBFH	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN
NRC - Disconnect Charge - Add'l	USBFH	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN
NRC - Incremental Charge - Manual Service Order - 1st	SOMAN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN
NRC - Incremental Charge - Manual Service Order - Add'l	SOMAN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN
NRC - Incremental Charge - Manual Service Order - Disconnect	SOMAN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN
NRC - Incremental Charge - Manual Order Coordination - per loop	TBD	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN
4-Wire Copper Unbundled Sub-Loop Feeder, per month									
NRC - 1st	USBFJ	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN
NRC - Add'l	USBFJ	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN
NRC - Disconnect Charge - 1st	USBFJ	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN
NRC - Disconnect Charge - Add'l	USBFJ	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN
NRC - Incremental Charge - Manual Service Order - 1st	SOMAN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN
NRC - Incremental Charge - Manual Service Order - Add'l	SOMAN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN
NRC - Incremental Charge - Manual Service Order - Disconnect	SOMAN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN
NRC - Incremental Charge - Manual Order Coordination - per loop	TBD	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN
4-Wire 2.4 KBPS Digital Unbundled Sub-Loop Feeder, per month									
NRC - 1st	USBFK	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN
NRC - Add'l	USBFK	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN
NRC - Disconnect Charge - 1st	USBFK	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN
NRC - Disconnect Charge - Add'l	USBFK	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN

BELLSOUTH/TECHNOLOGY RATES
NETWORK ELEMENTS
AND OTHER SERVICES

Description	Code											
NRC - Incremental Charge - Manual Service Order - 1st	SOMAN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN
NRC - Incremental Charge - Manual Service Order - Add'l	SOMAN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN
NRC - Incremental Charge - Manual Service Order - Disconnect	SOMAN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN
NRC - Incremental Charge - Manual Order Coordination - per loop	TBD	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN
4-Wire 4.8 KBPS Digital Unbundled Sub-Loop Feeder, per month												
NRC - 1st	USBFL	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN
NRC - Add'l	USBFL	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN
NRC - Disconnect Charge - 1st	USBFL	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN
NRC - Disconnect Charge - Add'l	USBFL	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN
NRC - Incremental Charge - Manual Service Order - 1st	SOMAN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN
NRC - Incremental Charge - Manual Service Order - Add'l	SOMAN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN
NRC - Incremental Charge - Manual Service Order - Disconnect	SOMAN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN
NRC - Incremental Charge - Manual Order Coordination - per loop	TBD	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN
4-Wire 9.6 KBPS Digital Unbundled Sub-Loop Feeder, per month												
NRC - 1st	USBFM	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN
NRC - Add'l	USBFM	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN
NRC - Disconnect Charge - 1st	USBFM	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN
NRC - Disconnect Charge - Add'l	USBFM	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN
NRC - Incremental Charge - Manual Service Order - 1st	SOMAN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN
NRC - Incremental Charge - Manual Service Order - Add'l	SOMAN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN
NRC - Incremental Charge - Manual Service Order - Disconnect	SOMAN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN
NRC - Incremental Charge - Manual Order Coordination - per loop	TBD	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN
4-Wire 19.2 KBPS Digital Unbundled Sub-Loop Feeder, per month												
NRC - 1st	USBFN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN
NRC - Add'l	USBFN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN
NRC - Disconnect Charge - 1st	USBFN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN
NRC - Disconnect Charge - Add'l	USBFN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN
NRC - Incremental Charge - Manual Service Order - 1st	SOMAN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN
NRC - Incremental Charge - Manual Service Order - Add'l	SOMAN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN
NRC - Incremental Charge - Manual Service Order - Disconnect	SOMAN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN
NRC - Incremental Charge - Manual Order Coordination - per loop	TBD	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN
4-Wire 56 KBPS Digital Unbundled Sub-Loop Feeder, per month												
NRC - 1st	USBFO	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN
NRC - Add'l	USBFO	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN
NRC - Disconnect Charge - 1st	USBFO	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN
NRC - Disconnect Charge - Add'l	USBFO	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN
NRC - Incremental Charge - Manual Service Order - 1st	SOMAN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN
NRC - Incremental Charge - Manual Service Order - Add'l	SOMAN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN
NRC - Incremental Charge - Manual Service Order - Disconnect	SOMAN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN
NRC - Incremental Charge - Manual Order Coordination - per loop	TBD	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN
4-Wire 64 KBPS Digital Unbundled Sub-Loop Feeder, per month												
NRC - 1st	USBFP	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN
NRC - Add'l	USBFP	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN
NRC - Disconnect Charge - 1st	USBFP	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN
NRC - Disconnect Charge - Add'l	USBFP	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN
NRC - Incremental Charge - Manual Service Order - 1st	SOMAN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN
NRC - Incremental Charge - Manual Service Order - Add'l	SOMAN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN
NRC - Incremental Charge - Manual Service Order - Disconnect	SOMAN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN
NRC - Incremental Charge - Manual Order Coordination - per loop	TBD	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN

BELLSOUTH/NOLOGY RATES
NETWORK ELEMENTS
AND OTHER SERVICES

Description	Code	C1	C2	C3	C4	C5	C6	C7	C8	C9
Unbundled Sub-Loop Modification										
NRC - Load Coil/Equipment Removal per 2 Wire pair	ULM2X	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN
NRC - Load Coil/Equipment Removal per 4 Wire pair	ULM4X	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN
NRC - Bridge Tap Removal per pair unloaded	ULMBT	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN
Loop Make Up										
NRC - Loop Makeup - Preordering Without Reservation, per working facility queried (Manual)	UMKLW	$134.00	$134.00	$134.00	$134.00	$134.00	$134.00	$134.00	$134.00	$134.00
Loop Makeup - Preordering Without Reservation, per spare facility queried (Manual) Maximum number of spare facilities per manual LMUSI is (3).	UMKLW	$134.00	$134.00	$134.00	$134.00	$134.00	$134.00	$134.00	$134.00	$134.00
NRC - Loop Makeup - Preordering With Reservation, per spare facility queried (Manual) Maximum number of spare facilities per manual LMUSI is (3).	UMKLP	$140.00	$140.00	$140.00	$140.00	$140.00	$140.00	$140.00	$140.00	$140.00
NRC - Loop Makeup - Preordering Without Reservation, per working facility queried (Mechanized)	TBD	$1.08	$1.08	$1.08	$1.08	$1.08	$1.08	$1.08	$1.08	$1.08
Loop Makeup - Preordering Without Reservation, per spare facility queried (Mechanized) Maximum number of spare facilities per mechanized LMUSI is (10).	TBD	$1.08	$1.08	$1.08	$1.08	$1.08	$1.08	$1.08	$1.08	$1.08
Loop Makeup - Preordering With Reservation, per spare facility queried (Mechanized) Maximum number of spare facilities per mechanized LMUSI is (10).	TBD	$1.08	$1.08	$1.08	$1.08	$1.08	$1.08	$1.08	$1.08	$1.08
Unbundled Network Terminating Wire, per pair, per month										
NRC - UNTW Pair, per pair	UENPP	TBN	TBN	$1.37	TBN	TBN	TBN	TBN	TBN	TBN
NRC - Disconnect Charge, per pair	UENPP	TBN	TBN	$2.48	TBN	TBN	TBN	TBN	TBN	TBN
NRC - Incremental Charge - Manual Service Order	SOMAN	TBN	TBN	$1.74	TBN	TBN	TBN	TBN	TBN	TBN
NRC - Incremental Charge - Manual Service Order - Disconnect	SOMAN	TBN	TBN	NA	TBN	TBN	TBN	TBN	TBN	TBN
Sub-Loop Concentration - Channelization Sys (Outside CO)										
NRC - Incremental Charge - Manual Service Order - 1st	SOMAN	$27.37	$18.94	TBN	TBN	TBN	TBN	TBN	TBN	TBN
NRC - Incremental Charge - Manual Service Order - Add'l	SOMAN	$12.97	$8.42	TBN	TBN	TBN	TBN	TBN	TBN	TBN
TR008 - System A (96 channel capacity - channels 1-96), per month	UCT8A	$792.49	$724.79	$757.00	TBN	TBN	TBN	TBN	TBN	$983.78
NRC - 1st	UCT8A	$640.93	$632.36	$633.94	TBN	TBN	TBN	TBN	TBN	$634.31
NRC - Add'l	UCT8A	$315.03	$310.82	$311.60	TBN	TBN	TBN	TBN	TBN	$311.78
TR008 - System B (96 channel capacity - channels 97-192), per month	UCT8B	$155.32	$92.91	$95.60	TBN	TBN	TBN	TBN	TBN	$102.12
NRC - 1st	UCT8B	$640.93	$632.36	$633.94	TBN	TBN	TBN	TBN	TBN	$634.31
NRC - Add'l	UCT8B	$315.03	$310.82	$311.60	TBN	TBN	TBN	TBN	TBN	$311.78
TR303 - System A (96 channel capacity - channels 1-96), per month	UCT3A	$835.72	$764.42	$799.95	TBN	TBN	TBN	TBN	TBN	$726.87
NRC - 1st	UCT3A	$640.93	$632.36	$633.94	TBN	TBN	TBN	TBN	TBN	$634.31
NRC - Add'l	UCT3A	$315.03	$310.82	$311.60	TBN	TBN	TBN	TBN	TBN	$311.78
TR303 - System B (96 channel capacity - channels 97-192), per month	UCT3B	$198.56	$132.54	$138.55	TBN	TBN	TBN	TBN	TBN	$145.21
NRC - 1st	UCT3B	$640.93	$632.36	$633.94	TBN	TBN	TBN	TBN	TBN	$634.31
NRC - Add'l	UCT3B	$315.03	$310.82	$311.60	TBN	TBN	TBN	TBN	TBN	$311.78
DS1 Feeder Interface, per month	UCTFS	$78.43	$72.12	$77.02	TBN	TBN	TBN	TBN	TBN	$76.73
NRC 1st	UCTFS	$422.74	$425.74	$418.13	TBN	TBN	TBN	TBN	TBN	$418.37
NRC Add'l	UCTFS	$200.74	$198.06	$198.56	TBN	TBN	TBN	TBN	TBN	$199.67
Channel Interface - 2 Wire Voice - Loop Start, per month	TBD	$2.62	$2.38	$2.66	TBN	TBN	TBN	TBN	TBN	$2.61
NRC 1st	TBD	$42.39	$41.82	$41.92	TBN	TBN	TBN	TBN	TBN	$41.95
NRC Add'l	TBD	$42.15	$41.58	$41.69	TBN	TBN	TBN	TBN	TBN	$41.71
Channel Interface - 2 Wire ISDN, per month	ULCC1	$10.49	$9.53	$10.72	TBN	TBN	TBN	TBN	TBN	$10.43
NRC 1st	ULCC1	$42.39	$41.82	$41.92	TBN	TBN	TBN	TBN	TBN	$41.95
NRC Add'l	ULCC1	$42.15	$41.58	$41.69	TBN	TBN	TBN	TBN	TBN	$41.71
Channel Interface - 2 Wire Voice - Ground Start or Reverse Battery, per month	TBD	$15.59	$14.17	$15.94	TBN	TBN	TBN	TBN	TBN	$15.51
NRC 1st	TBD	$42.39	$41.82	$41.92	TBN	TBN	TBN	TBN	TBN	$41.95
NRC Add'l	TBD	$42.15	$41.58	$41.69	TBN	TBN	TBN	TBN	TBN	$41.71

BELLSOUTH/KNOLOGY RATES
NETWORK ELEMENTS
AND OTHER SERVICES

Description	Code								
Channel Interface - 4 Wire Voice, per month	ULCC4	TBN	$9.30	$8.45	$9.50	TBN	TBN	TBN	$9.28
NRC 1st	ULCC4	TBN	$42.39	$41.82	$41.92	TBN	TBN	TBN	$41.95
NRC Add'l	ULCC4	TBN	$42.15	$41.58	$41.69	TBN	TBN	TBN	$41.71
Test Circuit, per month	UCTTC	TBN	$45.48	$41.30	$46.44	TBN	TBN	TBN	$45.22
NRC 1st	UCTTC	TBN	$42.39	$41.82	$41.92	TBN	TBN	TBN	$41.95
NRC Add'l	UCTTC	TBN	$42.15	$41.58	$41.69	TBN	TBN	TBN	$41.71
Channel Interface - Digital 56Kbps, per month	ULCC5	TBN	$13.78	$12.51	$14.08	TBN	TBN	TBN	$13.71
NRC 1st	ULCC5	TBN	$42.39	$41.82	$41.92	TBN	TBN	TBN	$41.95
NRC Add'l	ULCC5	TBN	$42.15	$41.58	$41.69	TBN	TBN	TBN	$41.71
Channel Interface - Digital 64Kbps, per month	ULCC6	TBN	$13.78	$12.51	$14.08	TBN	TBN	TBN	$13.71
NRC 1st	ULCC6	TBN	$42.39	$41.82	$41.92	TBN	TBN	TBN	$41.95
NRC Add'l	ULCC6	TBN	$42.15	$41.58	$41.69	TBN	TBN	TBN	$41.71
Loop Concentration System (inside C.O.)									
NRC - Incremental Charge - Manual Service Order - 1st	SOMAN	$27.37	TBD	$18.94	TBD	$18.14	$25.52	$44.06	TBD
NRC - Incremental Charge - Manual Service Order - Add'l	SOMAN	$12.97	TBD	$8.42	TBD	$8.06	$11.34	$13.55	TBD
TR008 -System A (96 channel capacity - channels 1-96), per month	UCT8A	$327.44	$400.33	$316.63	$394.00	$308.74	$454.79	$399.21	$380.06
NRC - 1st	UCT8A	$1,115.10	$1,128.75	$1,111.95	$1,116.15	$1,117.20	$1,115.10	$1,119.30	$1,114.05
NRC - Add'l	UCT8A	NA	NA	NA	NA	NA	NA	NA	NA
TR008 -System B (96 channel capacity - channels 97-192), per month	UCT8B	$67.41	$70.48	$65.27	$72.21	$76.58	$65.98	$71.91	$68.71
NRC - 1st	UCT8B	$464.57	$470.41	$463.37	$465.11	$465.64	$463.74	$466.38	$464.21
NRC - Add'l	UCT8B	NA	NA	NA	NA	NA	NA	NA	NA
TR303 - System A (96 channel capacity - channels 1-96), per month	UCT3A	$375.18	$450.24	$362.87	$445.14	$385.97	$508.70	$450.13	$428.73
NRC - 1st	UCT3A	$1,115.10	$1,128.75	$1,111.95	$1,116.15	$1,117.20	$1,115.10	$1,119.30	$1,114.05
NRC - Add'l	UCT3A	NA	NA	NA	NA	NA	NA	NA	NA
TR303 - System B (96 channel capacity - channels 97-192), per month	UCT3B	$111.30	$118.76	$110.02	$121.45	$129.05	$123.82	$121.16	$115.79
NRC - 1st	UCT3B	$464.57	$470.41	$463.37	$465.11	$465.64	$464.71	$466.38	$464.21
NRC - Add'l	UCT3B	NA	NA	NA	NA	NA	NA	NA	NA
DS1 Interface, per month	UCTCO	$6.42	$6.47	$6.15	$403.20	$7.35	$6.99	$6.79	$8.49
NRC 1st	UCTCO	$367.70	$372.32	$366.72	$132.18	$368.54	$367.60	$369.13	$367.41
NRC Add'l	UCTCO	$132.03	$133.69	$130.63	$132.18	$132.33	$132.07	$132.54	$131.92
Channel Interface - 2 Wire Voice - Loop Start, per month	TBD	$2.55	$2.66	$2.44	$2.79	$2.91	$2.77	$2.69	$2.58
NRC 1st	TBD	$35.77	$36.23	$35.68	$35.82	$35.86	$35.78	$35.91	$35.74
NRC Add'l	TBD	$35.55	$36.02	$35.48	$35.62	$35.66	$35.37	$35.71	$35.54
Channel Interface - 2 Wire ISDN, per month	ULCC1	$10.19	$10.67	$9.76	$11.18	$11.66	$11.10	$10.76	$10.30
NRC 1st	ULCC1	$35.77	$36.23	$35.68	$35.82	$35.86	$35.71	$35.91	$35.74
NRC Add'l	ULCC1	$35.55	$36.02	$35.48	$35.62	$35.66	$35.37	$35.71	$35.54
Channel Interface - 2 Wire Voice - Ground Start or Reverse Battery, per month	TBD	$15.15	$15.85	$14.51	$16.62	$17.33	$16.46	$16.01	$15.32
NRC 1st	TBD	$35.77	$36.23	$35.68	$35.82	$35.86	$35.78	$35.91	$35.74
NRC Add'l	TBD	$35.55	$36.02	$35.48	$35.62	$35.66	$35.37	$35.71	$35.54
Channel Interface - 4 Wire Voice, per month	ULCC4	$9.04	$9.44	$8.65	$9.91	$10.34	$9.83	$9.55	$9.13
NRC 1st	ULCC4	$35.77	$36.23	$35.68	$35.82	$35.86	$35.78	$35.91	$35.74
NRC Add'l	ULCC4	$35.55	$36.02	$35.48	$35.62	$35.66	$35.37	$35.71	$35.54
Test Circuit, per month	UCTTC	$44.16	$46.14	$42.30	$48.43	$50.53	$47.85	$46.66	$44.65
NRC 1st	UCTTC	$35.77	$36.23	$35.68	$35.82	$35.86	$35.78	$35.91	$35.74
NRC Add'l	UCTTC	$35.55	$36.02	$35.48	$35.62	$35.66	$35.78	$35.51	$35.54
Channel Interface - Digital 56Kbps, per month	ULCC5	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN
NRC 1st	ULCC5	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN
NRC Add'l	ULCC5	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN
Channel Interface - Digital 64Kbps, per month	ULCC6	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN
NRC 1st	ULCC6	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN
NRC Add'l	ULCC6	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN
LINE SHARING									
System Splitter - 96 Line Capacity									
RC - Per month	ULSDA	$100.00	$100.00	$100.00	$100.00	$100.00	$100.00	$100.00	$100.00

BELLSOUTH/KNOLOGY RATES
NETWORK ELEMENTS
AND OTHER SERVICES

Description	Code									
NRC - 1st	ULSDA	$150.00	$150.00	$150.00	$300.00	$150.00	$300.00	$300.00	$300.00	$150.00
NRC - Add'l	ULSDA	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
NRC - Disconnect	ULSDA	$150.00	$150.00	$150.00	NA	$150.00	NA	NA	NA	$150.00
System Splitter - 24 Line Capacity										
RC - Per month	ULSDB									
NRC - 1st	ULSDB	$25.00	$25.00	$25.00	$25.00	$25.00	$25.00	$25.00	$25.00	$25.00
NRC - Add'l	ULSDB	$150.00	$150.00	$150.00	$300.00	$150.00	$300.00	$300.00	$300.00	$150.00
NRC - Disconnect	ULSDB	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
	ULSDB	$150.00	$150.00	$150.00	NA	$150.00	NA	NA	NA	$150.00
Loop Capacity, Line Activation Per Occurrence										
RC - Per Month	ULSDC	$6.00	$6.00	$6.00	$6.00	$6.00	$6.00	$6.00	$6.00	$6.00
NRC - 1st	ULSDC	$40.00	$40.00	$40.00	$40.00	$40.00	$40.00	$40.00	$40.00	$40.00
NRC - Add'l	ULSDC	$22.00	$22.00	$22.00	$22.00	$22.00	$22.00	$22.00	$22.00	$22.00
Subsequent Activity - Per Occurrence										
NRC - 1st	ULSDS	$30.00	$30.00	$30.00	$30.00	$30.00	$30.00	$30.00	$30.00	$30.00
NRC - Add'l	ULSDS	$15.00	$15.00	$15.00	$15.00	$15.00	$15.00	$15.00	$15.00	$15.00
NRC - Incremental Charge - Manual Service Order - 1st	SOMAN	$47.00	$47.00	$18.94	$47.00	$18.14	$25.52	$47.00	$47.00	NA
NRC - Incremental Charge - Manual Service Order - Add'l	SOMAN	$21.00	$21.00	$8.42	$21.00	$8.08	$11.34	$21.00	$21.00	NA
NRC - Incremental Charge - Manual Service Order - Disconnect - 1st	SOMAN	$17.77	NA	$142.27	$17.77	$11.41	$18.08	NA	NA	NA
NRC - Incremental Charge - Manual Service Order - Disconnect - Add'l	SOMAN	$17.77	NA	$37.88	$17.77	$11.41	$16.08	NA	NA	NA
NRC - Electronic Svc Order, per LSR	SOMEC	$3.50	$2.77	$3.50	$3.50	$3.50	$3.50	$3.50	$3.50	$3.50
NRC - Electronic Svc Order, per LSR disconnect	SOMEC	NA	$0.43	NA	NA	NA	NA	NA	NA	NA

* Rates subject to true-up

BELLSOUTH/KNOLOGY RATES NETWORK ELEMENTS
AND OTHER SERVICES
PORTS

DESCRIPTION	USOC	AL	FL	GA	KY	LA	MS	NC	SC	TN
LOCAL EXCHANGE SWITCHING (PORTS)										
2-Wire Analog Line Port (Res., Bus.), per month										
2-Wire Voice Grade Line Port (Residence), per month										
2- wire voice unbundled port - residence	UEPRL	$2.07	$2.00 - Note 1	$1.85 - Note 1	$2.61 - Note 1	$2.20	$2.11	$2.19	$2.35	$1.90 - Note 1
2-wire voice unbundled port with caller iD - residence	UEPRC	$2.07	$2.00	$1.85	$2.61	$2.20	$2.11	$2.00	$2.35	$1.90
2-wire voice unbundled port outgoing only - residence	UEPRO	$2.07	$2.00	$1.85	$2.61	$2.20	$2.11	$2.00	$2.35	$1.90
2-wire voice grade unbundled Alabama extended local dialing parity port with caller ID	UEPAR	$2.07	NA	NA	NA	NA	NA	NA	NA	NA
2-wire voice grade unbundled Kentucky extended local dialing parity port with caller ID	UEPRM	NA	NA	NA	$2.61	NA	NA	NA	NA	NA
2-wire voice grade unbundled Louisiana extended local dialing parity port with caller ID	UEPAS	NA	NA	NA	NA	$2.20	NA	NA	NA	NA
2-wire voice grade unbundled Mississippi extended local dialing parity port with caller ID	UEPAT	NA	NA	NA	NA	NA	$2.11	NA	NA	NA
2-wire voice grade unbundled South Carolina extended local dialing parity port with caller ID	UEPAU	NA	NA	NA	NA	NA	NA	NA	$2.35	NA
2-wire voice grade unbundled Tennessee extended local dialing parity port with caller ID	UEPAQ	NA	NA	NA	NA	NA	NA	NA	NA	$1.90
2-wire voice unbundled Florida area calling with caller ID - residence	UEPAF	NA	$2.00	NA	NA	NA	NA	NA	NA	NA
2-wire voice unbundled Louisiana Area Plus with caller ID - residence (RUL)	UEPAG	NA	NA	NA	NA	$2.20	NA	NA	NA	NA
2-wire voice unbundled Louisiana Area Plus with caller ID - residence (AC7)	UEPAH	NA	NA	NA	NA	$2.20	NA	NA	NA	NA
2-wire voice unbundled South Carolina Area Calling port with Caller ID - residence (LW8)	UEPAJ	NA	NA	NA	NA	NA	NA	NA	$2.35	NA
2-wire voice unbundled Tennessee Area Calling port with Caller ID - residence (F2R)	UEPAK	NA	NA	NA	NA	NA	NA	NA	NA	$1.90
2-wire voice unbundled Tennessee Area Calling port with Caller ID - residence (TACER)	UEPAL	NA	NA	NA	NA	NA	NA	NA	NA	$1.90
2-wire voice unbundled Tennessee Area Calling port with Caller ID - residence (TACSR)	UEPAM	NA	NA	NA	NA	NA	NA	NA	NA	$1.90
2-wire voice unbundled Tennessee Area Calling port with Caller ID - residence (1MF2X)	UEPAN	NA	NA	NA	NA	NA	NA	NA	NA	$1.90
2-wire voice unbundled Tennessee Area Calling port with Caller ID - residence (2MR)	UEPAO	NA	NA	NA	NA	NA	NA	NA	NA	$1.90
2-wire voice unbundled res. low usage line port with Caller ID (LUM)	UEPAP	$2.07	$2.00	$1.85	$2.61	$2.20	$2.11	$2.00	$2.35	$1.90
LOCAL NUMBER PORTABILITY (REQUIRES ONE PER PORT)	LNPCX									
2-Wire Voice Grade Line Port (Business), per month										
2-wire voice unbundled port without Caller ID	UEPBL	$2.07	$2.00	$1.85	$2.61	$2.20	$2.11	$2.00	$2.35	$1.90
2-wire voice unbundled port with unbundled port with Caller-E484 ID	UEPBC	$2.07	$2.00	$1.85	$2.61	$2.20	$2.11	$2.00	$2.35	$1.90
2-wire voice unbundled outgoing only port	UEPBO	$2.07	$2.00	$1.85	$2.61	$2.20	$2.11	$2.00	$2.35	$1.90
2-wire voice grade unbundled Alabama extended local dialing parity port with caller ID	UEPAW	$2.07	NA	NA	NA	NA	NA	NA	NA	NA
2-wire voice grade unbundled Kentucky extended local dialing parity port with caller ID	UEPBM	NA	NA	NA	$2.61	NA	NA	NA	NA	NA
2-wire voice grade unbundled Louisiana extended local dialing parity port with caller ID	UEPAX	NA	NA	NA	NA	$2.20	NA	NA	NA	NA
2-wire voice grade unbundled Mississippi extended local dialing parity; port with caller ID	UEPAY	NA	NA	NA	NA	NA	$2.11	NA	NA	NA
2-wire voice grade unbundled South Carolina extended local dialing parity port with caller ID	UEPAZ	NA	NA	NA	NA	NA	NA	NA	$2.35	NA
2-wire voice grade unbundled Tennessee extended local dialing parity port with caller ID	UEPAV	NA	NA	NA	NA	NA	NA	NA	NA	$1.90
2-wire voice unbundled incoming only port with Caller ID	UEPBI	$2.07	$2.00	$1.85	$2.61	$2.20	$2.11	$2.00	$2.35	$1.90

BELLSOUTH/KNOLOGY RATES NETWORK ELEMENTS
AND OTHER SERVICES
PORTS

DESCRIPTION	USOC	AL	FL	GA	KY	LA	MS	NC	SC	TN
2-wire voice unbundled LA Bus Area Calling Port with Caller ID (BUC)	UEPAA	NA	NA	NA	NA	$2.20	NA	NA	NA	NA
2-wire voice unbundled SC Bus Area Calling Port with Caller ID (LMB)	UEPAB	NA	NA	NA	NA	NA	NA	NA	$2.35	NA
2-wire voice unbundled TN Bus 2-Way Area Calling Port Economy Option (TACC1)	UEPAC	NA	NA	NA	NA	NA	NA	NA	NA	$1.90
2-wire voice unbundled TN Bus 2-Way Area Calling Port Standard Option (TACC2)	UEPAD	NA	NA	NA	NA	NA	NA	NA	NA	$1.90
2-wire voice unbundled TN Bus 2-WAY Collierville and Memphis Local Calling Port (B2F)	UEPAE	NA	NA	NA	NA	NA	NA	NA	NA	$1.90
LOCAL NUMBER PORTABILITY (REQUIRES ONE PER PORT)	LNPCX									
Non-Recurring Charges (NRC) - 1st (Residence)										
2- wire voice unbundled port - residence	UEPRL	$21.93	$38.00	$17.16	$37.78	$16.43	$22.98	$21.60	$24.98	BST GSST A4.3.1
2-wire voice unbundled port with caller ID - residence	UEPRC	$21.93	$38.00	$17.16	$37.78	$16.43	$22.98	$24.04	$24.98	BST GSST A4.3.1
2-wire voice unbundled port outgoing only - residence	UEPRO	$21.93	$38.00	$17.16	$37.78	$16.43	$22.98	$24.04	$24.98	BST GSST A4.3.1
2-wire voice unbundled area plus port with caller ID - residence	UEPRM	$21.93	$38.00	$17.16	$37.78	$16.43	$22.98	$24.04	$24.98	BST GSST A4.3.1
2-wire voice unbundled Florida area calling with caller ID - residence	UEPAF	NA	$38.00	NA	NA	NA	NA	NA	NA	NA
2-wire voice unbundled Louisiana Area Plus with caller ID - residence (RUL)	UEPAG	NA	NA	NA	NA	$16.43	NA	NA	NA	NA
2-wire voice unbundled Louisiana Area Plus with caller ID - residence (AC7)	UEPAH	NA	NA	NA	NA	$16.43	NA	NA	NA	NA
2-wire voice unbundled South Carolina Area Calling port with Caller ID - residence (LWB)	UEPAJ	NA	NA	NA	NA	NA	NA	NA	$24.98	NA
2-wire voice unbundled Tennessee Area Calling port with Caller ID - residence (F2R)	UEPAK	NA	NA	NA	NA	NA	NA	NA	NA	BST GSST A4.3.1
2-wire voice unbundled Tennessee Area Calling port with Caller ID - residence (TACER)	UEPAL	NA	NA	NA	NA	NA	NA	NA	NA	BST GSST A4.3.1
2-wire voice unbundled Tennessee Area Calling port with Caller ID - residence (TACSR)	UEPAM	NA	NA	NA	NA	NA	NA	NA	NA	BST GSST A4.3.1
2-wire voice unbundled Tennessee Area Calling port with Caller ID - residence (1MF2X)	UEPAN	NA	NA	NA	NA	NA	NA	NA	NA	BST GSST A4.3.1
2-wire voice unbundled Tennessee Area Calling port with Caller ID - residence (2MR)	UEPAO	NA	NA	NA	NA	NA	NA	NA	NA	BST GSST A4.3.1
2-wire voice unbundled Res Low Usage Line Port with Caller+E563 ID (LUM)	UEPAP	$21.93	$38.00	$17.16	$37.78	$16.43	$22.98	$24.04	$24.98	BST GSST A4.3.1
NRC - Add'l (Residence)										
2- wire voice unbundled port - residence	UEPRL	$21.93	$15.00	$17.16	$37.78	$16.43	$22.98	$21.60	$24.98	BST GSST A4.3.1
2-wire voice unbundled port with caller ID - residence	UEPRC	$21.93	$15.00	$17.16	$37.78	$16.43	$22.98	$9.08	$24.98	BST GSST A4.3.1
2-wire voice unbundled port outgoing only - residence	UEPRO	$21.93	$15.00	$17.16	$37.78	$16.43	$22.98	$9.08	$24.98	BST GSST A4.3.1
2-wire voice unbundled area plus port with caller ID - residence	UEPRM	$21.93	$15.00	$17.16	$37.78	$16.43	$22.98	$9.08	$24.98	BST GSST A4.3.1
2-wire voice unbundled Florida area calling with caller ID - residence	UEPAF	NA	$15.00	NA	NA	NA	NA	NA	NA	NA
2-wire voice unbundled Louisiana Area Plus with caller ID - residence (RUL)	UEPAG	NA	NA	NA	NA	$16.43	NA	NA	NA	NA
2-wire voice unbundled Louisiana Area Plus with caller ID - residence (AC7)	UEPAH	NA	NA	NA	NA	$16.43	NA	NA	NA	NA
2-wire voice unbundled South Carolina Area Calling port with Caller ID - residence (LWB)	UEPAJ	NA	NA	NA	NA	NA	NA	NA	$24.98	NA
2-wire voice unbundled Tennessee Area Calling port with Caller ID - residence (F2R)	UEPAK	NA	NA	NA	NA	NA	NA	NA	NA	BST GSST A4.3.1

BELLSOUTH TECHNOLOGY RATES NETWORK ELEMENTS
AND OTHER SERVICES
PORTS

DESCRIPTION	USOC	AL	FL	GA	KY	LA	MS	NC	SC	TN
2-wire voice unbundled Tennessee Area Calling port with Caller ID - residence (TACER)	UEPAL	NA	NA	NA	NA	NA	NA	NA	NA	BST GSST A4.3.1
2-wire voice unbundled Tennessee Area Calling port with Caller ID - residence (TACSR)	UEPAM	NA	NA	NA	NA	NA	NA	NA	NA	BST GSST A4.3.1
2-wire voice unbundled Tennessee Area Calling port with Caller ID - residence (1MF2X)	UEPAN	NA	NA	NA	NA	NA	NA	NA	NA	BST GSST A4.3.1
2-wire voice unbundled Tennessee Area Calling port with Caller ID - residence (2MR)	UEPAO	NA	NA	NA	NA	NA	NA	NA	NA	BST GSST A4.3.1
2-wire voice unbundled Res Low Usage Line Port with Caller ID (LUM)	UEPAP	$21.93	$15.00	$17.16	$37.78	$16.43	$22.98	$9.08	$24.98	BST GSST A4.3.1
NRC - Subsequent Activity	USASC	$10.00	$10.00	$10.00	$10.00	$10.00	$10.00	$10.00	$10.00	$10.00
NRC - 1st (Business)										
2-wire Voice Unbundled Port without Caller ID	UEPBL	$21.93	$38.00	$17.16	$37.55	$16.43	$22.98	$21.60	$24.98	BST GSST A4.3.1
2-wire voice unbundled port with Caller ID	UEPBC	$21.93	$38.00	$17.16	$37.55	$16.43	$22.98	$24.04	$24.98	BST GSST A4.3.1
2-wire voice unbundled outgoing only port	UEPBO	$21.93	$38.00	$17.16	$37.55	$16.43	$22.98	$24.04	$24.98	BST GSST A4.3.1
2-wire voice unbundled Area Plus Port with Caller ID	UEPBM	$21.93	$38.00	$17.16	$37.55	$16.43	$22.98	$24.04	$24.98	BST GSST A4.3.1
2-wire voice unbundled Incoming only Port with Caller ID	UEPB1	$21.93	$38.00	$17.16	$37.55	$16.43	$22.98	$24.04	$24.98	BST GSST A4.3.1
2-wire voice unbundled LA Bus Area Calling Port with Caller ID (BUC)	UEPAA	NA	NA	NA	NA	$16.43	NA	NA	NA	NA
2-wire voice unbundled SC Bus Area Calling Port with Caller ID+E887 (LMB)	UEPAB	NA	NA	NA	NA	NA	NA	NA	$24.98	NA
2-wire voice unbundled TN Bus 2-way Area Calling Port Economy Option (TACC1)	UEPAC	NA	NA	NA	NA	NA	NA	NA	NA	BST GSST A4.3.1
2-wire voice unbundled TN Bus 2-way Area Calling Port Standard Option (TACC2)	UEPAD	NA	NA	NA	NA	NA	NA	NA	NA	BST GSST A4.3.1
2-wire voice unbundled TN Bus 2-way Collierville and Memphis Local Calling Port (B2F)	UEPAE	NA	NA	NA	NA	NA	NA	NA	NA	BST GSST A4.3.1
NRC - Add'l (Business)										
2-wire voice unbundled Incoming only port with Caller ID	UEPBL	$21.93	$15.00	$17.16	$37.55	$16.43	$22.98	$9.08	$24.98	BST GSST A4.3.1
2-wire voice unbundled port without Caller ID	UEPBL	$21.93	$15.00	$17.16	$37.55	$16.43	$22.98	$21.60	$24.98	BST GSST A4.3.1
2-wire voice unbundled port with Caller ID	UEPBC	$21.93	$15.00	$17.16	$37.55	$16.43	$22.98	$9.08	$24.98	BST GSST A4.3.1
2-wire voice unbundled outgoing only port	UEPBO	$21.93	$15.00	$17.16	$37.55	$16.43	$22.98	$9.08	$24.98	BST GSST A4.3.1
2-wire voice unbundled Area Plus Port with Caller ID	UEPBM	$21.93	$15.00	$17.16	$37.55	$16.43	$22.98	$9.08	$24.98	BST GSST A4.3.1
2-wire voice unbundled Incoming only port with Caller ID	UEPB1	$21.93	$15.00	$17.16	$37.55	$16.43	$22.98	$9.08	$24.98	BST GSST A4.3.1
2-wire voice unbundled LA Bus Area Calling Port with Caller ID (BUC)	UEPAA	NA	NA	NA	NA	$16.43	NA	NA	NA	NA
2-wire voice unbundled SC Bus Area Calling Port with Caller ID (LMB)	UEPAB	NA	NA	NA	NA	NA	NA	NA	$24.98	NA
2-wire voice unbundled TN Bus 2-way Area Calling Port Economy Option (TACC1)	UEPAC	NA	NA	NA	NA	NA	NA	NA	NA	BST GSST A4.3.1
2-wire voice unbundled TN Bus 2-way Area Calling Port Standard Option (TACC2)	UEPAD	NA	NA	NA	NA	NA	NA	NA	NA	BST GSST A4.3.1
2-wire voice unbundled TN Bus 2-way Collierville and Memphis Local Calling Port (B2F)	UEPAE	NA	NA	NA	NA	NA	NA	NA	NA	BST GSST A4.3.1

BELLSOUTH/KNOLOGY RATES NETWORK ELEMENTS
AND OTHER SERVICES
PORTS

DESCRIPTION	USOC	AL	FL	GA	KY	LA	MS	NC	SC	TN
NRC - Subsequent Activity	USASC	$10.00	$10.00	$10.00	$10.00	$10.00	$10.00	$10.00	$10.00	$10.00
NRC - Disconnect Charge - 1st										
2-wire voice unbundled port - residence		$6.21	NA	NA	NA	$4.38	$6.56	NA	NA	NA
2-wire voice unbundled port with caller ID - residence		$6.21	NA	NA	NA	$4.38	$6.56	NA	NA	NA
2-wire voice unbundled port outgoing only - residence		$6.21	NA	NA	NA	$4.38	$6.56	NA	NA	NA
2-wire voice unbundled area plus port with caller ID - residence		$6.21	NA	NA	NA	$4.38	$6.56	NA	NA	NA
2-wire voice unbundled Florida area calling with caller ID - residence		NA	NA	NA	NA	NA	NA	NA	NA	NA
2-wire voice unbundled Louisiana Area Plus with caller ID - residence (RUL)		NA	NA	NA	NA	$4.38	NA	NA	NA	NA
2-wire voice unbundled Louisiana Area Plus with caller ID - residence (AC7)		NA	NA	NA	NA	$4.38	NA	NA	NA	NA
2-wire voice unbundled South Carolina Area Calling port with Caller ID - residence (LW8)		NA	NA	NA	NA	NA	NA	NA	NA	NA
2-wire voice unbundled Tennessee Area Calling port with Caller ID - residence (F2R)		NA	NA	NA	NA	NA	NA	NA	NA	NA
2-wire voice unbundled Tennessee Area Calling port with Caller ID - residence (TACER)		NA	NA	NA	NA	NA	NA	NA	NA	NA
2-wire voice unbundled Tennessee Area Calling port with Caller ID - residence (TACSR)		NA	NA	NA	NA	NA	NA	NA	NA	NA
2-wire voice unbundled Tennessee Area Calling port with Caller ID - residence (1MF2X)		NA	NA	NA	NA	NA	NA	NA	NA	NA
2-wire voice unbundled Tennessee Area Calling port with Caller ID - residence (2MR)		NA	NA	NA	NA	NA	NA	NA	NA	NA
2-wire voice unbundled Rles Low Usage Line Port with Caller ID (LUM)		$6.21	NA	NA	NA	$4.38	$6.56	NA	NA	NA
2-wire voice unbundled port without Caller ID		$6.21	NA	NA	NA	$4.38	$6.56	NA	NA	NA
2-wire voice unbundled port with Caller ID		$6.21	NA	NA	NA	$4.38	$6.56	NA	NA	NA
2-wire voice unbundled outgoing only Port		$6.21	NA	NA	NA	$4.38	$6.56	NA	NA	NA
2-wire voice unbundled Area Plus Port with Caller ID		$6.21	NA	NA	NA	$4.38	$6.56	NA	NA	NA
2-wire voice unbundled incoming only Port with Caller ID		$6.21	NA	NA	NA	$4.38	$6.56	NA	NA	NA
2-wire voice unbundled LA Bus Area Calling Port with Caller ID (BUC)		NA	NA	NA	NA	$4.38	NA	NA	NA	NA
2-wire voice unbundles SC Bus Area Calling Port with Caller ID (LMB)		NA	NA	NA	NA	NA	NA	NA	NA	NA
2-wire voice unbundled TN Bus 2-way Area Calling Port Economy Option (TACC1)		NA	NA	NA	NA	NA	NA	NA	NA	NA
2-wire voice unbundled TN Bus 2-way Area Calling Port Standard Option (TACC2)		NA	NA	NA	NA	NA	NA	NA	NA	NA
2-wire voice unbundled TN Bus 2-Way Collierville and Memphis Local Calling Port (B2F)		NA	NA	NA	NA	NA	NA	NA	NA	NA
NRC - Disconnect Charge - Add'l										
2-wire voice unbundled port - residence		$6.21	NA	NA	NA	$4.38	$6.56	NA	NA	NA
2-wire voice unbundled port with caller ID - residence		$6.21	NA	NA	NA	$4.38	$6.56	NA	NA	NA
2-wire voice unbundled port outgoing only - residence		$6.21	NA	NA	NA	$4.38	$6.56	NA	NA	NA
2-wire voice unbundled area plus port with caller ID - residence		$6.21	NA	NA	NA	$4.38	$6.56	NA	NA	NA
2-wire voice unbundled Florida area calling with caller ID - residence		NA	NA	NA	NA	NA	NA	NA	NA	NA
2-wire voice unbundled Louisiana Area Plus with caller ID - residence (RUL)		NA	NA	NA	NA	$4.38	NA	NA	NA	NA
2-wire voice unbundled Louisiana Area Plus with caller ID - residence (AC7)		NA	NA	NA	NA	$4.38	NA	NA	NA	NA
2-wire voice unbundled South Carolina Area Calling port with Caller ID - residence (LW8)		NA	NA	NA	NA	NA	NA	NA	NA	NA
2-wire voice unbundled Tennessee Area Calling port with Caller ID - residence (F2R)		NA	NA	NA	NA	NA	NA	NA	NA	NA
2-wire voice unbundled Tennessee Area Calling port with Caller ID - residence (TACER)		NA	NA	NA	NA	NA	NA	NA	NA	NA
2-wire voice unbundled Tennessee Area Calling port with Caller ID - residence (TACSR)		NA	NA	NA	NA	NA	NA	NA	NA	NA

BELLSOUTH/KNOWLOGY RATES NETWORK ELEMENTS
AND OTHER SERVICES
PORTS

DESCRIPTION	USOC	AL	FL	GA	KY	LA	MS	NC	SC	TN
2-wire voice unbundled Tennessee Area Calling port with Caller ID - residence (1MF2X)		NA	NA	NA	NA	NA	NA	NA	NA	NA
2-wire voice unbundled Tennessee Area Calling port with Caller ID - residence (2MR)		NA	NA	NA	NA	$4.38	$6.56	NA	NA	NA
2-wire voice unbundled Res Low Usage Line Port with Caller ID (LUM)		$6.21	NA	NA	NA	$4.38	$6.56	NA	NA	NA
2-wire voice unbundled port without Caller ID		$6.21	NA	NA	NA	$4.38	$6.56	NA	NA	NA
2-wire voice unbundled port with Caller ID		$6.21	NA	NA	NA	$4.38	$6.56	NA	NA	NA
2-wire voice unbundled outgoing only port		$6.21	NA	NA	NA	$4.38	$6.56	NA	NA	NA
2-wire voice unbundled Area Plus Port with Caller ID		$6.21	NA	NA	NA	$4.38	$6.56	NA	NA	NA
2-wire voice unbundled Incoming only port with Caller ID		$6.21	NA	NA	NA	$4.38	$6.56	NA	NA	NA
2-wire voice unbundled LA Bus Area Calling Port with Caller ID (BUC)		NA	NA	NA	NA	$4.38	NA	NA	NA	NA
2-wire voice unbundled SC Bus Area Calling Port with Caller ID (LMB)		NA	NA	NA	NA	NA	NA	NA	NA	NA
2-wire voice unbundled TN Bus 2-way Area Calling Port Economy Option (TACC1)		NA	NA	NA	NA	NA	NA	NA	NA	NA
2-wire voice unbundled TN Bus 2-way Area Calling Port Standard Option (TACC2)		NA	NA	NA	NA	NA	NA	NA	NA	NA
2-wire voice unbundled TN Bus 2-way Collierville and Memphis Local Calling Port (B2F)		NA	NA	NA	NA	NA	NA	NA	NA	NA
NRC - OSS LSR Charge, Electronic, per LSR received from the CLEC by one of the OSS interactive interfaces	SOMEC	$3.50	$3.50	$3.50	$3.50	$3.50	$3.50	$3.50	$3.50	$3.50
NRC - Incremental Charge - Manual Service Order - 1st	SOMAN	$27.37	NA	$18.94	NA	$18.14	$25.52	$26.94	$44.42	NA
NRC - Incremental Charge - Manual Service Order - Add'l	SOMAN	$12.97	NA	$8.42	NA	$8.06	$11.34	$12.76	$14.63	NA
NRC - Incremental Charge - Manual Service Order - Disconnect - 1st	SOMAN	$17.77	NA	NA	NA	$10.39	$16.06	NA	NA	NA
NRC - Incremental Charge - Manual Service Order - Disconnect - Add'l	SOMAN	$1.44	NA	NA	NA	NA	NA	NA	NA	NA
All available features, per month	UEPVF	$5.55	NA	NA	NA	$6.26	$6.75	NA	$6.29	NA
NRC - 1st (all types)		$24.72	NA	NA	NA	NA	$21.42	NA	$36.24	NA
NRC - Add'l (all types)		$24.72	NA	NA	NA	NA	$21.42	NA	$36.24	NA
NRC - Disconnect Charge - 1st		$18.41	NA	NA	NA	NA	$19.68	NA	NA	NA
NRC - Disconnect Charge - Add'l		$18.41	NA	NA	NA	NA	$19.68	NA	NA	NA
NRC - Incremental Charge - Manual Service Order - 1st	SOMAN	$27.37	NA	NA	NA	NA	$25.52	NA	$44.42	NA
NRC - Incremental Charge - Manual Service Order - Add'l	SOMAN	$12.97	NA	NA	NA	NA	$11.34	NA	$14.63	NA
NRC - Incremental Charge - Manual Service Order - Disconnect - 1st	SOMAN	$17.77	NA	NA	NA	NA	$16.06	NA	NA	NA
NRC - Incremental Charge - Manual Service Order - Disconnect - Add'l	SOMAN	$1.44	NA	NA	NA	NA	NA	NA	NA	NA
Three available features, per month	UEPVF	NA	NA	NA	NA	$8.28	$3.31	NA	$3.03	NA
NRC - 1st (all types)		NA	NA	NA	NA	NA	$3.06	NA	$4.53	NA
NRC - Add'l (all types)		NA	NA	NA	NA	NA	$3.06	NA	$4.53	NA
NRC - Disconnect Charge - 1st		NA	NA	NA	NA	NA	$8.20	NA	NA	NA
NRC - Disconnect Charge - Add'l		NA	NA	NA	NA	NA	$8.20	NA	NA	NA
NRC - Incremental Charge - Manual Service Order - 1st	SOMAN	NA	NA	NA	NA	NA	$25.52	NA	$44.42	NA
NRC - Incremental Charge - Manual Service Order - Add'l	SOMAN	NA	NA	NA	NA	NA	$11.34	NA	$14.63	NA
NRC - Incremental Charge - Manual Service Order - Disconnect - 1st	SOMAN	NA	NA	NA	NA	NA	$16.06	NA	NA	NA
NRC - Incremental Charge - Manual Service Order - Disconnect - Add'l	SOMAN	NA	NA	NA	NA	NA	$16.06	NA	NA	NA
4-Wire Analog VG Port, per month	UEP4A	NA	$9.14	$8.47	NA	$10.13	$9.60	$8.69	$2.28	NA
NRC - 1st	UEP4A	NA	$5.86	$17.16	NA	$16.43	$22.98	$21.69	$3.50	NA
NRC - Add'l	UEP4A	NA	$5.86	$17.16	NA	$16.43	$22.98	$21.69	$3.50	NA
NRC - Disconnect Charge - 1st	BFR	NA	NA	NA	NA	$3.77	$6.56	NA	NA	NA
NRC - Disconnect Charge - Add'l	BFR	NA	NA	NA	NA	$3.77	$6.56	NA	NA	NA
NRC - Incremental Charge - Manual Service Order - 1st	SOMAN	NA	NA	$18.94	NA	$18.14	$25.52	$26.85	$44.42	NA
NRC - Incremental Charge - Manual Service Order - Add'l	SOMAN	NA	NA	$8.42	NA	$8.06	$11.34	$12.67	$14.63	NA
NRC - Incremental Charge - Manual Service Order - Disconnect - 1st	SOMAN	NA	NA	NA	NA	$8.94	$16.06	NA	NA	NA

BELLSOUTH/TECHNOLOGY RATES NETWORK ELEMENTS
AND OTHER SERVICES
PORTS

DESCRIPTION	USOC	AL	FL	GA	KY	LA	MS	NC	SC	TN
2-Wire DID Port, per month	UEPP2	$12.06	TBD	$11.35	NA	$13.12	$14.63	$12.36	$12.08	$12.66
NRC - 1st	UEPP2	$50.00	TBD	$61.91	NA	$59.28	$83.09	$81.84	$50.00	BST GSST A4.3.1
NRC - Add'l	UEPP2	$18.00	TBD	$61.91	NA	$59.28	$83.09	$81.84	$50.00	BST GSST A4.3.1
NRC - Disconnect Charge - 1st	UEPP2	NA	NA	NA	NA	$9.20	$13.48	NA	NA	NA
NRC - Disconnect Charge - Add'l	UEPP2	NA	NA	NA	NA	$9.20	$13.48	NA	NA	NA
NRC - Incremental Charge - Manual Service Order - 1st	SOMAN	NA	NA	$18.94	NA	$18.14	$25.52	$26.94	NA	NA
NRC - Incremental Charge - Manual Service Order - Add'l	SOMAN	NA	NA	$8.42	NA	$8.05	$11.34	$12.76	NA	NA
NRC - Incremental Charge - Manual Service Order - Disconnect - 1st	SOMAN	NA	NA	NA	NA	$10.39	$16.07	NA	NA	NA
4-Wire DS1 Port w/DID capability, per month	UEPDD	$130.23	$125.00	$120.80	NA	$149.27	$146.48	$123.65	$130.23	$120.00
NRC - 1st	UEPDD	$50.00	$112.00	$89.44	NA	$85.63	$117.81	$116.59	$60.00	To be negotiated
NRC - Add'l	UEPDD	$18.00	$91.00	$52.46	NA	$50.23	$71.18	$69.92	$60.00	To be negotiated
NRC - Disconnect Charge - 1st	UEPDD	NA	NA	NA	NA	$8.82	$12.94	NA	NA	NA
NRC - Disconnect Charge - Add'l	UEPDD	NA	NA	NA	NA	$8.82	$12.94	NA	NA	NA
NRC - Incremental Charge - Manual Service Order - 1st	SOMAN	NA	NA	$18.94	NA	$18.14	$25.52	$26.94	NA	NA
NRC - Incremental Charge - Manual Service Order - Add'l	SOMAN	NA	NA	$8.42	NA	$8.06	$11.34	$12.76	NA	NA
NRC - Incremental Charge - Manual Service Order - Disconnect - 1st	SOMAN	NA	NA	NA	NA	$10.39	$16.08	NA	NA	NA
2-Wire ISDN Port(2) (3), per month	U1PMA	$16.42	$13.00	$13.47	$12.33	$23.33	$51.91	$24.50	$33.74	$1.90
NRC - 1st	U1PMA	$63.24	$88.00	$47.37	$90.48	$45.35	$63.59	$82.29	$65.79	BST GSST A4.3.1
NRC - Add'l	U1PMA	$63.24	$88.00	$47.37	$84.53	$45.35	$63.59	$82.29	$65.79	BST GSST A4.3.1
NRC - Disconnect Charge - 1st	U1PMA	$5.69	NA	NA	NA	$4.31	$7.04	NA	NA	NA
NRC - Disconnect Charge - Add'l	U1PMA	$5.69	NA	NA	NA	$4.31	$7.04	NA	NA	NA
NRC - Incremental Charge - Manual Service Order - 1st	SOMAN	$56.19	NA	$39.98	NA	$38.29	$53.87	$55.30	$67.52	NA
NRC - Incremental Charge - Manual Service Order - Add'l	SOMAN	$56.19	NA	$39.98	NA	$38.29	$53.87	$55.30	$67.52	NA
NRC - Incremental Charge - Manual Service Order - Disconnect - 1st	SOMAN	$12.97	NA	NA	NA	$6.65	$11.34	NA	NA	NA
NRC - Incremental Charge - Manual Service Order - Disconnect - Add'l	SOMAN	$12.97	NA	NA	NA	$6.65	$11.34	NA	NA	NA
NRC - User Profile per B Channel (4)	U1UMA	NA	NA	NA	$5.61	NA	NA	NA	NA	NA
2-Wire ISDN Port(2) (3) including all available features, per month	U1PMA	NA	NA	NA	NA	NA	NA	NA	$38.66	NA
NRC - 1st	U1PMA	NA	NA	NA	NA	NA	NA	NA	$106.40	NA
NRC - Add'l	U1PMA	NA	NA	NA	NA	NA	NA	NA	$106.40	NA
NRC - Disconnect Charge - 1st	U1PMA	NA	NA	NA	NA	NA	NA	NA	$67.52	NA
NRC - Disconnect Charge - Add'l	U1PMA	NA	NA	NA	NA	NA	NA	NA	$67.52	NA
NRC - Incremental Charge - Manual Service Order - 1st	SOMAN	NA	NA	NA	NA	NA	NA	NA	$67.52	NA
NRC - Incremental Charge - Manual Service Order - Add'l	SOMAN	NA	NA	NA	NA	NA	NA	NA	$67.52	NA
2-Wire ISDN Port(2) (3) including three available features, per month	U1PMA	NA	NA	NA	NA	NA	NA	NA	$38.01	NA
NRC - 1st	U1PMA	NA	NA	NA	NA	NA	NA	NA	$70.32	NA
NRC - Add'l	U1PMA	NA	NA	NA	NA	NA	NA	NA	$70.32	NA
NRC - Incremental Charge - Manual Service Order - 1st	SOMAN	NA	NA	NA	NA	NA	NA	NA	$67.52	NA
NRC - Incremental Charge - Manual Service Order - Add'l	SOMAN	NA	NA	NA	NA	NA	NA	NA	$67.52	NA
NRC - Incremental Charge - Manual Service Order - Disconnect - 1st	SOMAN	NA	NA	NA	NA	NA	NA	NA	NA	NA
NRC - Incremental Charge - Manual Service Order - Disconnect - Add'l	SOMAN	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Wire ISDN DS1 Port, per month	UEPEX	$186.02	NA	$163.16	NA	$194.72	$213.21	$179.75	$214.79	$308.00
NRC - 1st	UEPEX	$244.85	NA	$186.80	NA	$181.89	$244.12	$241.63	$278.37	To be negotiated
NRC - Add'l	UEPEX	$244.85	NA	$186.80	NA	$181.89	$244.12	$241.63	$278.37	To be negotiated
NRC - Disconnect Charge - 1st	UEPEX	$51.19	NA	NA	NA	$27.11	$53.32	NA	NA	NA
NRC - Disconnect Charge - Add'l	UEPEX	$51.19	NA	NA	NA	$27.11	$53.32	NA	NA	NA
NRC - Incremental Charge - Manual Service Order - 1st	SOMAN	$54.75	NA	$37.88	NA	$33.18	$51.03	$53.89	$65.48	NA
NRC - Incremental Charge - Manual Service Order - Add'l	SOMAN	$54.75	NA	$37.88	NA	$33.18	$51.03	$53.89	$65.48	NA
NRC - Incremental Charge - Manual Service Order - Disconnect - 1st	SOMAN	$11.53	NA	NA	NA	$7.73	$8.51	NA	NA	NA
NRC - Incremental Charge - Manual Service Order - Disconnect - Add'l	SOMAN	$11.53	NA	NA	NA	$7.73	$8.51	NA	NA	NA
4-Wire ISDN DS1 Port including all available features, per month	UEPEX	NA	NA	NA	$275.48	NA	NA	NA	$251.00	NA

BELLSOUTH/TECHNOLOGY RATES NETWORK ELEMENTS
AND OTHER SERVICES
PORTS

DESCRIPTION	USOC	AL	FL	GA	KY	LA	MS	NC	SC	TN
NRC - 1st	UEPEX	NA	NA	NA	$181.27	NA	NA	NA	$311.73	NA
NRC - Add'l	UEPEX	NA	NA	NA	$116.42	NA	NA	NA	$311.73	NA
NRC - Incremental Charge - Manual Service Order - 1st	SOMAN	NA	NA	NA	NA	NA	NA	NA	$65.48	NA
NRC - Incremental Charge - Manual Service Order - Add'l	SOMAN	NA	NA	NA	NA	NA	NA	NA	$65.48	NA
2-Wire Analog Line Port (PBX), per month										
2-WIRE VOICE UNBUNDLED COMBINATION 2-WAY PBX TRUNK - Residence	UEPRD	$2.07	$2.00	$1.85	$2.61	$2.20	$2.11	$2.18	$2.35	$1.90
LINE SIDE UNBUNDLED COMBINATION 2-WAY PBX TRUNK - BUSINESS	UEPPC	$2.07	$2.00	$1.85	$2.61	$2.20	$2.11	$2.00	$2.35	$1.90
LINE SIDE UNBUNDLED OUTWARD PBX TRUNK - BUSINESS	UEPPO	$2.07	$2.00	$1.85	$2.61	$2.20	$2.11	$2.00	$2.35	$1.90
LINE SIDE UNBUNDLED INCOMING PBX TRUNK - BUSINESS	UEPPI	$2.07	$2.00	$1.85	$2.61	$2.20	$2.11	$2.00	$2.35	$1.90
LONG DISTANCE TERMINAL PBX TRUNK -BUSINESS	UEPLD	$2.07	$2.00	$1.85	$2.61	$2.20	$2.11	$2.00	$2.35	$1.90
TN 2-WAY CALLING PLAN PBX TRUNK - BUSINESS	UEPT2	$2.07	$2.00	$1.85	$2.61	$2.20	$2.11	$2.00	$2.35	$1.90
TN OUTWARD CALLING PLAN PBX TRUNK - BUSINESS	UEPTO	$2.07	$2.00	$1.85	$2.61	$2.20	$2.11	$2.00	$2.35	$1.90
2-WIRE VOICE UNBUNDLED 2-WAY COMBINATION PBX ALABAMA CALLING PORT	UEPA2	$2.07	NA	NA	NA	NA	NA	NA	NA	NA
2-WIRE VOICE UNBUNDLED 2-WAY COMBINATION PBX LOUISIANA CALLING PORT	UEPL2	NA	NA	NA	NA	$2.20	NA	NA	NA	NA
2-WIRE VOICE UNBUNDLED PBX LD TERMINAL PORTS	UEPLD	$2.07	$2.00	$1.85	$2.61	$2.20	$2.11	$2.00	$2.35	$1.90
2-WIRE VOICE UNBUNDLED 2-WAY COMBINATION PBX TENNESSEE CALLING PORT	UEPT2	NA	NA	NA	NA	NA	NA	NA	NA	$1.90
2-WIRE VOICE UNBUNDLED 1-WAY OUTGOING PBX TENNESSEE CALLING PORT	UEPTO	NA	NA	NA	NA	NA	NA	NA	NA	$1.90
2-WIRE VOICE UNBUNDLED 2-WAY COMBINATION PBX USAGE PORT	UEPXA	$2.07	$2.00	$1.85	$2.61	$2.20	$2.11	$2.00	$2.35	$1.90
2-WIRE VOICE UNBUNDLED PBX TOLL TERMINAL PORTS	UEPXB	$2.07	$2.00	$1.85	$2.61	$2.20	$2.11	$2.00	$2.35	$1.90
2-WIRE VOICE UNBUNDLED PBX LD DDD TERMINALS PORT	UEPXC	$2.07	$2.00	$1.85	$2.61	$2.20	$2.11	$2.00	$2.35	$1.90
2-WIRE VOICE UNBUNDLED PBX LD TERMINAL SWITCHBOARD PORT	UEPXD	$2.07	$2.00	$1.85	$2.61	$2.20	$2.11	$2.00	$2.35	$1.90
2-WIRE VOICE UNBUNDLED PBX LD TERMINAL SWITCHBOARD IDD CAPABLE PORT	UEPXE	$2.07	$2.00	$1.85	$2.61	$2.20	$2.11	$2.00	$2.35	$1.90
2-WIRE VOICE UNBUNDLED PBX KENTUCKY ROOM AREA CALLING PORT WITHOUT LUD	UEPXF	NA	NA	NA	$2.61	NA	NA	NA	NA	NA
2-WIRE VOICE UNBUNDLED PBX KENTUCKY LUD AREA CALLING PORT	UEPXG	NA	NA	NA	$2.61	NA	NA	NA	NA	NA
2-WIRE VOICE UNBUNDLED PBX KENTUCKY PREMIUM CALLING PORT	UEPXH	NA	NA	NA	$2.61	NA	NA	NA	NA	NA
2-WIRE VOICE UNBUNDLED PBX KENTUCKY AREA CALLING PORT WITHOUT LUD	UEPXJ	NA	NA	NA	$2.61	NA	NA	NA	NA	NA
2-WIRE VOICE UNBUNDLED PBX LOUISIANA LOCAL OPTIONAL CALLING PORT	UEPXK	NA	NA	NA	NA	$2.20	NA	NA	NA	NA
2-WIRE VOICE UNBUNDLED PBX HOTEL/HOSPITAL ECONOMY ADMINISTRATIVE CALLING PORT	UEPXL	$2.07	$2.00	$1.85	$2.61	$2.20	$2.11	$2.00	$2.35	$1.90
2-WIRE VOICE UNBUNDLED 2-WAY PBX HOTEL/HOSPITAL ECONOMY ROOM CALLING PORT	UEPXM	$2.07	$2.00	$1.85	$2.61	$2.20	$2.11	$2.00	$2.35	$1.90
2-WIRE VOICE UNBUNDLED 1-WAY OUTGOING PBX HOTEL/HOSPITAL ECONOMY ADMINISTRATIVE CALLING PORT TENNESSEE CALLING PORT	UEPXN	NA	NA	NA	NA	NA	NA	NA	NA	$1.90
2-WIRE VOICE UNBUNDLED 1-WAY OUTGOING PBX HOTEL/HOSPITAL DISCOUNT ROOM CALLING PORT	UEPXO	$2.07	$2.00	$1.85	$2.61	$2.20	$2.11	$2.00	$2.35	$1.90
2-WIRE VOICE UNBUNDLED 1-WAY OUTGOING PBX LOUISIANA LOCAL DISCOUNT CALLING PORT	UEPXP	NA	NA	NA	NA	$2.20	NA	NA	NA	NA
2-WIRE VOICE UNBUNDLED 2-WAY PBX MISSISSIPPI LOCAL ECONOMY CALLING PORT	UEPXQ	NA	NA	NA	NA	NA	$2.11	NA	NA	NA
2-WIRE VOICE UNBUNDLED 2-WAY PBX MISSISSIPPI LOCAL OPTIONAL CALLING PORT	UEPXR	NA	NA	NA	NA	NA	$2.11	NA	NA	NA
2-WIRE VOICE UNBUNDLED 1-WAY OUTGOING PBX MEASURED PORT	UEPXS	$2.07	$2.00	$1.85	$2.61	$2.20	$2.11	$2.00	$2.35	$1.90
2-WIRE VOICE UNBUNDLED 2-WAY PBX SOUTH CAROLINA AREA PLUS CALLING PORT	UEPXT	NA	NA	NA	NA	NA	NA	NA	$2.35	NA

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DESCRIPTION	USOC	AL	FL	GA	KY	LA	MS	NC	SC	TN
2-WIRE VOICE UNBUNDLED PBX COLLIERVILLE & MEMPHIS CALLING PORT	UEPXU	NA	NA	NA	NA	NA	NA	NA	NA	$1.90
2-WIRE VOICE UNBUNDLED 2-WAY PBX TENNESSEE REGIONSERV CALLING PORT	UEPXV	NA	NA	NA	NA	NA	NA	NA	NA	$1.90
UNBUNDLED LOOP BILLING USOC (REQUIRES ONE PER PORT)	UEPLX									
LOCAL NUMBER PORTABILITY (REQUIRES ONE PER PORT)	LNPCP									
NRC - 1st										
2-WIRE VOICE UNBUNDLED COMBINATION 2-WAY PBX TRUNK - Residence	UEPPC	$21.93	$38.00	$17.16	$36.47	$16.43	$22.98	$24.04	$24.36	NA
2-WIRE VOICE UNBUNDLED COMBINATION 2-WAY PBX TRUNK - BUSINESS	UEPRD	$21.93	$38.00	$17.16	$36.47	$16.43	$22.98	$21.60	$24.36	NA
LINE SIDE UNBUNDLED COMBINATION 2-WAY PBX TRUNK - BUSINESS	UEPPC	$21.93	$38.00	$17.16	$36.47	$16.43	$22.98	$24.04	$24.36	NA
LINE SIDE UNBUNDLED OUTWARD PBX TRUNK - BUSINESS	UEPPO	$21.93	$38.00	$17.16	$36.47	$16.43	$22.98	$24.04	$24.36	NA
LINE SIDE UNBUNDLED INCOMING PBX TRUNK - BUSINESS	UEPPI	$21.93	$38.00	$17.16	$36.47	$16.43	$22.98	$24.04	$24.36	NA
LONG DISTANCE TERMINAL PBX TRUNK-BUSINESS	UEPLD	$21.93	$38.00	$17.16	$36.47	$16.43	$22.98	$24.04	$24.36	NA
TN 2-WAY CALLING PLAN PBX TRUNK - BUSINESS	UEPT2	$21.93	$38.00	$17.16	$36.47	$16.43	$22.98	$24.04	$24.36	NA
TN OUTWARD CALLING PLAN PBX TRUNK - BUSINESS	UEPTO	$21.93	$38.00	$17.16	$36.47	$16.43	$22.98	$24.04	$24.36	NA
2-WIRE VOICE UNBUNDLED 2-WAY COMBINATION PBX ALABAMA CALLING PORT	UEPA2	$21.93	NA	NA	NA	NA	NA	NA	NA	NA
2-WIRE VOICE UNBUNDLED 2-WAY COMBINATION PBX LOUISIANA CALLING PORT	UEPL2	NA	NA	NA	NA	$16.43	NA	NA	NA	NA
2-WIRE VOICE UNBUNDLED PBX LD TERMINAL PORTS	UEPLD	$21.93	$38.00	$17.16	$36.47	$16.43	$22.98	$24.04	$24.36	NA
2-WIRE VOICE UNBUNDLED 2-WAY COMBINATION PBX TENNESSEE CALLING PORT	UEPT2	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-WIRE VOICE UNBUNDLED 1-WAY OUTGOING PBX TENNESSEE CALLING PORT	UEPTO	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-WIRE VOICE UNBUNDLED 2-WAY COMBINATION PBX USAGE PORT	UEPXA	$21.93	$38.00	$17.16	$36.47	$16.43	$22.98	$24.04	$24.36	NA
2-WIRE VOICE UNBUNDLED PBX TOLL TERMINAL HOTEL PORTS	UEPXB	$21.93	$38.00	$17.16	$36.47	$16.43	$22.98	$24.04	$24.36	NA
2-WIRE VOICE UNBUNDLED PBX LD DDD TERMINALS PORT	UEPXC	$21.93	$38.00	$17.16	$36.47	$16.43	$22.98	$24.04	$24.36	NA
2-WIRE VOICE UNBUNDLED PBX LD TERMINAL SWITCHBOARD PORT	UEPXD	$21.93	$38.00	$17.16	$36.47	$16.43	$22.98	$24.04	$24.36	NA
2-WIRE VOICE UNBUNDLED PBX LD TERMINAL SWITCHBOARD IDD CAPABLE PORT	UEPXE	$21.93	$38.00	$17.16	$36.47	$16.43	$22.98	$24.04	$24.36	NA
2-WIRE VOICE UNBUNDLED 2-WAY PBX KENTUCKY ROOM AREA CALLING PORT WITHOUT LUD	UEPXF	NA	NA	NA	$36.47	NA	NA	NA	NA	NA
2-WIRE VOICE UNBUNDLED PBX KENTUCKY LUD AREA CALLING PORT	UEPXG	NA	NA	NA	$36.47	NA	NA	NA	NA	NA
2-WIRE VOICE UNBUNDLED PBX KENTUCKY PREMIUM CALLING PORT	UEPXH	NA	NA	NA	$36.47	NA	NA	NA	NA	NA
2-WIRE VOICE UNBUNDLED 2-WAY KENTUCKY AREA CALLING PORT WITHOUT LUD	UEPXJ	NA	NA	NA	$36.47	NA	NA	NA	NA	NA
2-WIRE VOICE UNBUNDLED PBX LOUISIANA LOCAL OPTIONAL CALLING PORT	UEPXK	NA	NA	NA	NA	$16.43	NA	NA	NA	NA
2-WIRE VOICE UNBUNDLED 2-WAY PBX HOTEL/HOSPITAL ECONOMY ADMINISTRATIVE CALLING PORT	UEPXL	$21.93	$38.00	$17.16	$36.47	$16.43	$22.98	$24.04	$24.36	NA
2-WIRE VOICE UNBUNDLED 2-WAY PBX HOTEL/HOSPITAL ECONOMY ROOM CALLING PORT	UEPXM	$21.93	$38.00	$17.16	$36.47	$16.43	$22.98	$24.04	$24.36	NA
2-WIRE VOICE UNBUNDLED 1-WAY OUTGOING PBX HOTEL/HOSPITAL ECONOMY ADMINIATRATIVE CALLING PORTENNESSEE CALLING PORT	UEPXN	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-WIRE VOICE UNBUNDLED 1-WAY OUTGOING PBX HOTEL/HOSPITAL DIACOUNT ROOM CALLING PORT	UEPXO	$21.93	$38.00	$17.16	$36.47	$16.43	$22.98	$24.04	$24.36	NA
2-WIRE VOICE UNBUNDLED 1-WAY OUTGOING PBX LOUISIANA LOCAL DISCOUNT CALLING PORT	UEPXP	NA	NA	NA	NA	$16.43	NA	NA	NA	NA
2-WIRE VOICE UNBUNDLED 2-WAY PBX MISSISSIPPI LOCAL ECONOMY CALLING PORT	UEPXQ	NA	NA	NA	NA	NA	$22.98	NA	NA	NA

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DESCRIPTION	USOC	AL	FL	GA	KY	LA	MS	NC	SC	TN
2-WIRE VOICE UNBUNDLED 2-WAY PBX MISSISSIPPI LOCAL OPTIONAL CALLING PORT	UEPXR	NA	NA	NA	NA	NA	$22.98	NA	NA	NA
2-WIRE VOICE UNBUNDLED 1-WAY OUTGOING PBX MEASURED PORT	UEPXS	$21.93	$38.00	$17.16	$36.47	$16.43	$22.98	$24.04	$24.36	NA
2-WIRE VOICE UNBUNDLED 2-WAY PBX SOUTH CAROLINA AREA PLUS CALLING PORT	UEPXT	NA	NA	NA	NA	NA	NA	NA	$24.36	NA
2-WIRE VOICE UNBUNDLED PBX COLLIERVILLE & MEMPHIS CALLING PORT	UEPXU	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-WIRE VOICE UNBUNDLED 2-WAY PBX TENNESSEE REGIONSERV CALLING PORT	UEPXV	NA	NA	NA	NA	NA	NA	NA	NA	NA
Subsequent Activity	USASC	$10.00	$10.00	$10.00	$10.00	$10.00	$10.00	$10.00	$10.00	$10.00
NRC - Add'l										
2 WIRE VOICE UNBUNDLED COMBINATION 2-WAY PBX TRUNK - Residence	UEPRD	$21.93	$15.00	$17.16	$36.47	$16.43	$22.98	$21.60	$24.36	NA
LINE SIDE UNBUNDLED COMBINATION 2-WAY PBX TRUNK - BUSINESS	UEPPC	$21.93	$15.00	$17.16	$36.47	$16.43	$22.98	$9.05	$24.36	NA
LINE SIDE UNBUNDLED OUTWARD PBX TRUNK - BUSINESS	UEPPO	$21.93	$15.00	$17.16	$36.47	$16.43	$22.98	$9.05	$24.36	NA
LINE SIDE UNBUNDLED INCOMING PBX TRUNK - BUSINESS	UEPP1	$21.93	$15.00	$17.16	$36.47	$16.43	$22.98	$9.05	$24.36	NA
LONG DISTANCE TERMINAL PBX TRUNK - BUSINESS	UEPLD	$21.93	$15.00	$17.16	$36.47	$16.43	$22.98	$9.05	$24.36	NA
TN 2-WAY CALLING PLAN PBX TRUNK - BUSINESS	UEPT2	$21.93	$15.00	$17.16	$36.47	$16.43	$22.98	$9.05	$24.36	NA
TN OUTWARD CALLING PLAN PBX TRUNK - BUSINESS	UEPTO	$21.93	$15.00	$17.16	$36.47	$16.43	$22.98	$9.05	$24.36	NA
2-WIRE VOICE UNBUNDLED 2-WAY COMBINATION PBX ALABAMA CALLING PORT	UEPA2	$21.93	NA	NA	NA	NA	NA	NA	NA	NA
2-WIRE VOICE UNBUNDLED 2-WAY COMBINATION PBX LOUISIANA CALLING PORT	UEPL2	NA	NA	NA	NA	$16.43	NA	NA	NA	NA
2-WIRE VOICE UNBUNDLED PBX LD TERMINAL PORTS	UEPLD	$21.93	$15.00	$17.16	$36.47	$16.43	$22.98	$9.05	$24.36	NA
2-WIRE VOICE UNBUNDLED 2-WAY COMBINATION PBX TENNESSEE CALLING PORT	UEPT2	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-WIRE VOICE UNBUNDLED 1-WAY OUTGOING PBX TENNESSEE CALLING PORT	UEPTO	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-WIRE VOICE UNBUNDLED 2-WAY COMBINATION PBX USAGE PORT	UEPXA	$21.93	$15.00	$17.16	$36.47	$16.43	$22.98	$9.05	$24.36	NA
2-WIRE VOICE UNBUNDLED PBX TOLL TERMINAL HOTEL PORTS	UEPXB	$21.93	$15.00	$17.16	$36.47	$16.43	$22.98	$9.05	$24.36	NA
2-WIRE VOICE UNBUNDLED PBX LD DDD TERMINALS PORT	UEPXC	$21.93	$15.00	$17.16	$36.47	$16.43	$22.98	$9.05	$24.36	NA
2-WIRE VOICE UNBUNDLED PBX LD TERMINAL SWITCHBOARD PORT	UEPXD	$21.93	$15.00	$17.16	$36.47	$16.43	$22.98	$9.05	$24.36	NA
2-WIRE VOICE UNBUNDLED PBX LD TERMINAL SWITCHBOARD DD CAPABLE PORT	UEPXE	$21.93	$15.00	$17.16	$36.47	$16.43	$22.98	$9.05	$24.36	NA
2-WIRE VOICE UNBUNDLED 2-WAY PBX KENTUCKY ROOM AREA CALLING PORT WITHOUT LUD	UEPXF	NA	NA	NA	$36.47	NA	NA	NA	NA	NA
2-WIRE VOICE UNBUNDLED PBX KENTUCKY LUD AREA CALLING PORT	UEPXG	NA	NA	NA	$37.47	NA	NA	NA	NA	NA
2-WIRE VOICE UNBUNDLED PBX KENTUCKY PREMIUM CALLING PORT	UEPXH	NA	NA	NA	$38.47	NA	NA	NA	NA	NA
2-WIRE VOICE UNBUNDLED 2-WAY PBX KENTUCKY AREA CALLING PORT WITHOUT LUD	UEPXJ	NA	NA	NA	$39.47	NA	NA	NA	NA	NA
2-WIRE VOICE UNBUNDLED 2-WAY PBX LOUISIANA LOCAL OPTIONAL CALLING PORT	UEPXK	NA	NA	NA	NA	$16.43	NA	NA	NA	NA
2-WIRE VOICE UNBUNDLED 2-WAY PBX HOTEL/HOSPITAL ECONOMY ADMINISTRATIVE CALLING PORT	UEPXL	$21.93	$15.00	$17.16	$36.47	$16.43	$22.98	$9.05	$24.36	NA
2-WIRE VOICE UNBUNDLED 2-WAY PBX HOTEL/HOSPITAL ECONOMY ROOM CALLING PORT	UEPXM	$21.93	$15.00	$17.16	$36.47	$16.43	$22.98	$9.05	$24.36	NA
2-WIRE VOICE UNBUNDLED 1-WAY OUTGOING PBX HOTEL/HOSPITAL ECONOMY ADMINIATRATIVE CALLING PORT TENNESSEE CALLING PORT	UEPXN	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-WIRE VOICE UNBUNDLED 1-WAY OUTGOING PBX HOTEL/HOSPITAL DIACOUNT ROOM CALLING PORT	UEPXO	$21.93	$15.00	$17.16	$36.47	$16.43	$22.98	$9.05	$24.36	NA
2-WIRE VOICE UNBUNDLED 1-WAY OUTGOING PBX LOUISIANA LOCAL DISCOUNT CALLING PORT	UEPXP	NA	NA	NA	NA	NA	NA	NA	NA	NA

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DESCRIPTION	USOC	AL	FL	GA	KY	LA	MS	NC	SC	TN
2-WIRE VOICE UNBUNDLED 2-WAY PBX MISSISSIPPI LOCAL ECONOMY CALLING PORT	UEPXQ	NA	NA	NA	NA	NA	$22.98	NA	NA	NA
2-WIRE VOICE UNBUNDLED 2-WAY PBX MISSISSIPPI LOCAL OPTIONAL CALLING PORT	UEPXR	NA	NA	NA	NA	NA	$22.98	NA	NA	NA
2-WIRE VOICE UNBUNDLED 1-WAY OUTGOING PBX MEASURED PORT	UEPXS	$21.93	$15.00	$17.18	$36.47	$16.43	$22.98	$9.05	$24.36	NA
2-WIRE VOICE UNBUNDLED 2-WAY PBX SOUTH CAROLINA AREA PLUS CALLING PORT	UEPXT	NA	NA	NA	NA	NA	NA	NA	$24.36	NA
2-WIRE VOICE UNBUNDLED PBX COLLIERVILLE & MEMPHIS CALLING PORT	UEPXU	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-WIRE VOICE UNBUNDLED 2-WAY PBX TENNESSEE REGIONSERV CALLING PORT	UEPXV	NA	NA	NA	NA	NA	NA	NA	NA	NA
NRC - Disconnect Charge - 1st										
2-WIRE VOICE UNBUNDLED COMBINATION 2-WAY PBX TRUNK - Residence		$6.21	NA	NA	NA	$3.77	$6.56	NA	NA	NA
LINE SIDE UNBUNDLED COMBINATION 2-WAY PBX TRUNK - BUSINESS		$6.21	NA	NA	NA	$3.77	$6.56	NA	NA	NA
LINE SIDE UNBUNDLED OUTWARD PBX TRUNK - BUSINESS		$6.21	NA	NA	NA	$3.77	$6.56	NA	NA	NA
LINE SIDE UNBUNDLED INCOMING PBX TRUNK - BUSINESS		$6.21	NA	NA	NA	$3.77	$6.56	NA	NA	NA
LONG DISTANCE TERMINAL PBX TRUNK-BUSINESS		$6.21	NA	NA	NA	$3.77	$6.56	NA	NA	NA
TN 2-WAY CALLING PLAN PBX TRUNK - BUSINESS		$6.21	NA	NA	NA	$3.77	$6.56	NA	NA	NA
TN OUTWARD CALLING PLAN PBX TRUNK - BUSINESS		$6.21	NA	NA	NA	$3.77	$6.56	NA	NA	NA
2-WIRE VOICE UNBUNDLED 2-WAY COMBINATION PBX ALABAMA CALLING PORT		$6.21	NA	NA	NA	NA	NA	NA	NA	NA
2-WIRE VOICE UNBUNDLED 2-WAY COMBINATION PBX LOUISIANA CALLING PORT		NA	NA	NA	NA	$3.77	NA	NA	NA	NA
2-WIRE VOICE UNBUNDLED PBX LD TERMINAL PORTS		$6.21	NA	NA	NA	$3.77	$6.56	NA	NA	NA
2-WIRE VOICE UNBUNDLED 2-WAY COMBINATION PBX TENNESSEE CALLING PORT		NA	NA	NA	NA	NA	NA	NA	NA	NA
2-WIRE VOICE UNBUNDLED 1-WAY OUTGOING PBX TENNESSEE CALLING PORT		NA	NA	NA	NA	NA	NA	NA	NA	NA
2-WIRE VOICE UNBUNDLED 2-WAY COMBINATION PBX USAGE PORT		$6.21	NA	NA	NA	$3.77	$6.56	NA	NA	NA
2-WIRE VOICE UNBUNDLED PBX TOLL TERMINAL HOTEL PORTS		$6.21	NA	NA	NA	$3.77	$6.56	NA	NA	NA
2-WIRE VOICE UNBUNDLED PBX LD DDD TERMINALS PORT		$6.21	NA	NA	NA	$3.77	$6.56	NA	NA	NA
2-WIRE VOICE UNBUNDLED PBX LD TERMINAL SWITCHBOARD PORT		$6.21	NA	NA	NA	$3.77	$6.56	NA	NA	NA
2-WIRE VOICE UNBUNDLED PBX LD TERMINAL SWITCHBOARD IDD CAPABLE PORT		$6.21	NA	NA	NA	$3.77	$6.56	NA	NA	NA
2-WIRE VOICE UNBUNDLED 2-WAY PBX KENTUCKY ROOM AREA CALLING PORT WITHOUT LUD		NA	NA	NA	NA	NA	NA	NA	NA	NA
2-WIRE VOICE UNBUNDLED PBX KENTUCKY LUD AREA CALLING PORT		NA	NA	NA	NA	NA	NA	NA	NA	NA
2-WIRE VOICE UNBUNDLED PBX KENTUCKY PREMIUM CALLING PORT		NA	NA	NA	NA	NA	NA	NA	NA	NA
2-WIRE VOICE UNBUNDLED 2-WAY KENTUCKY AREA CALLING PORT WITHOUT LUD		NA	NA	NA	NA	NA	NA	NA	NA	NA
2-WIRE VOICE UNBUNDLED 2-WAY PBX LOUISIANA LOCAL OPTIONAL CALLING PORT		NA	NA	NA	NA	$3.77	NA	NA	NA	NA
2-WIRE VOICE UNBUNDLED 2-WAY PBX HOTEL/HOSPITAL ECONOMY ADMINISTRATIVE CALLING PORT		$6.21	NA	NA	NA	$3.77	$6.56	NA	NA	NA
2-WIRE VOICE UNBUNDLED 2-WAY PBX HOTEL/HOSPITAL ECONOMY ROOM CALLING PORT		$6.21	NA	NA	NA	$3.77	$6.56	NA	NA	NA
2-WIRE VOICE UNBUNDLED 1-WAY OUTGOING PBX HOTEL/HOSPITAL ECONOMY ADMINATRATIVE CALLING PORT/TENNESSEE CALLING PORT		NA	NA	NA	NA	NA	NA	NA	NA	NA
2-WIRE VOICE UNBUNDLED 1-WAY OUTGOING PBX HOTEL/HOSPITAL DIACOUNT ROOM CALLING PORT		$6.21	NA	NA	NA	$3.77	$6.56	NA	NA	NA
2-WIRE VOICE UNBUNDLED 1-WAY OUTGOING PBX LOUISIANA LOCAL DISCOUNT CALLING PORT		$6.21	NA	NA	NA	$3.77	$6.56	NA	NA	NA

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DESCRIPTION	USOC	AL	FL	GA	KY	LA	MS	NC	SC	TN
2-WIRE VOICE UNBUNDLED 2-WAY PBX MISSISSIPPI LOCAL ECONOMY CALLING PORT		NA	NA	NA	NA	NA	$6.56	NA	NA	NA
2-WIRE VOICE UNBUNDLED 2-WAY PBX MISSISSIPPI LOCAL OPTIONAL CALLING PORT		NA	NA	NA	NA	NA	$6.56	NA	NA	NA
2-WIRE VOICE UNBUNDLED 1-WAY OUTGOING PBX MEASURED PORT		$6.21	NA	NA	NA	$3.77	$6.56	NA	NA	NA
2-WIRE VOICE UNBUNDLED 2-WAY PBX SOUTH CAROLINA AREA PLUS CALLING PORT		NA	NA	NA	NA	NA	NA	NA	NA	NA
2-WIRE VOICE UNBUNDLED PBX COLLIERVILLE & MEMPHIS CALLING PORT		NA	NA	NA	NA	NA	NA	NA	NA	NA
2-WIRE VOICE UNBUNDLED 2-WAY PBX TENNESSEE REGIONSERV CALLING PORT		NA	NA	NA	NA	NA	NA	NA	NA	NA
NRC - Disconnect Charge - Add'l										
2 WIRE VOICE UNBUNDLED COMBINATION 2-WAY PBX TRUNK - Residence		$6.21	NA	NA	NA	$3.77	$6.56	NA	NA	NA
LINE SIDE UNBUNDLED COMBINATION 2-WAY PBX TRUNK - BUSINESS		$6.21	NA	NA	NA	$3.77	$6.56	NA	NA	NA
LINE SIDE UNBUNDLED OUTWARD PBX TRUNK - BUSINESS		$6.21	NA	NA	NA	$3.77	$6.56	NA	NA	NA
LINE SIDE UNBUNDLED INCOMING PBX TRUNK - BUSINESS		$6.21	NA	NA	NA	$3.77	$6.56	NA	NA	NA
LONG DISTANCE TERMINAL PBX TRUNK - BUSINESS		$6.21	NA	NA	NA	$3.77	$6.56	NA	NA	NA
TN 2-WAY CALLING PLAN PBX TRUNK - BUSINESS		$6.21	NA	NA	NA	$3.77	$6.56	NA	NA	NA
TN OUTWARD CALLING PLAN PBX TRUNK - BUSINESS		$6.21	NA	NA	NA	$3.77	$6.56	NA	NA	NA
2-WIRE VOICE UNBUNDLED 2-WAY COMBINATION PBX ALABAMA CALLING PORT		$6.21	NA	NA	NA	NA	NA	NA	NA	NA
2-WIRE VOICE UNBUNDLED 2-WAY COMBINATION PBX LOUISIANA CALLING PORT		NA	NA	NA	NA	$3.77	NA	NA	NA	NA
2-WIRE VOICE UNBUNDLED PBX LD TERMINAL PORTS		$6.21	NA	NA	NA	$3.77	$6.56	NA	NA	NA
2-WIRE VOICE UNBUNDLED 2-WAY COMBINATION PBX TENNESSEE CALLING PORT		NA	NA	NA	NA	NA	NA	NA	NA	NA
2-WIRE VOICE UNBUNDLED 1-WAY OUTGOING PBX TENNESSEE CALLING PORT		NA	NA	NA	NA	NA	NA	NA	NA	NA
2-WIRE VOICE UNBUNDLED 2-WAY COMBINATION PBX USAGE PORT		$6.21	NA	NA	NA	$3.77	$6.56	NA	NA	NA
2-WIRE VOICE UNBUNDLED PBX TOLL TERMINAL HOTEL PORTS		$6.21	NA	NA	NA	$3.77	$6.56	NA	NA	NA
2-WIRE VOICE UNBUNDLED PBX LD DDD TERMINALS PORT		$6.21	NA	NA	NA	$3.77	$6.56	NA	NA	NA
2-WIRE VOICE UNBUNDLED PBX LD TERMINAL SWITCHBOARD PORT		$6.21	NA	NA	NA	$3.77	$6.56	NA	NA	NA
2-WIRE VOICE UNBUNDLED PBX LD TERMINAL SWITCHBOARD DDD CAPABLE PORT		$6.21	NA	NA	NA	$3.77	$6.56	NA	NA	NA
2-WIRE VOICE UNBUNDLED 2-WAY PBX KENTUCKY ROOM AREA CALLING PORT WITHOUT LUD		NA	NA	NA	NA	NA	NA	NA	NA	NA
2-WIRE VOICE UNBUNDLED PBX KENTUCKY LUD AREA CALLING PORT		NA	NA	NA	NA	NA	NA	NA	NA	NA
2-WIRE VOICE UNBUNDLED PBX KENTUCKY PREMIUM CALLING PORT		NA	NA	NA	NA	NA	NA	NA	NA	NA
2-WIRE VOICE UNBUNDLED 2-WAY PBX KENTUCKY AREA CALLING PORT WITHOUT LUD		NA	NA	NA	NA	NA	NA	NA	NA	NA
2-WIRE VOICE UNBUNDLED 2-WAY PBX LOUISIANA LOCAL OPTIONAL CALLING PORT		NA	NA	NA	NA	$3.77	NA	NA	NA	NA
2-WIRE VOICE UNBUNDLED 2-WAY PBX LOUISIANA HOTEL/HOSPITAL ECONOMY ADMINISTRATIVE CALLING PORT		$6.21	NA	NA	NA	$3.77	$6.56	NA	NA	NA
2-WIRE VOICE UNBUNDLED 2-WAY PBX HOTEL/HOSPITAL ECONOMY ROOM CALLING PORT		$6.21	NA	NA	NA	$3.77	$6.56	NA	NA	NA
2-WIRE VOICE UNBUNDLED 1-WAY OUTGOING PBX HOTEL/HOSPITAL ECONOMY ADMINISTRATIVE CALLING PORT TENNESSEE CALLING PORT		NA	NA	NA	NA	NA	NA	NA	NA	NA
2-WIRE VOICE UNBUNDLED 1-WAY OUTGOING PBX HOTEL/HOSPITAL DIACOUNT ROOM CALLING PORT		$6.21	NA	NA	NA	$3.77	$6.56	NA	NA	NA
2-WIRE VOICE UNBUNDLED 1-WAY OUTGOING PBX LOUISIANA LOCAL DISCOUNT CALLING PORT		$6.21	NA	NA	NA	$3.77	$6.56	NA	NA	NA

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DESCRIPTION	USOC	AL	FL	GA	KY	LA	MS	NC	SC	TN
2-WIRE VOICE UNBUNDLED 2-WAY PBX MISSISSIPPI LOCAL ECONOMY CALLING PORT		NA	NA	NA	NA	NA	$6.56	NA	NA	NA
2-WIRE VOICE UNBUNDLED 2-WAY PBX MISSISSIPPI LOCAL OPTIONAL CALLING PORT		NA	NA	NA	NA	NA	$6.56	NA	NA	NA
2-WIRE VOICE UNBUNDLED 1-WAY OUTGOING PBX MEASURED PORT		$6.21	NA	NA	NA	$3.77	$6.56	NA	NA	NA
2-WIRE VOICE UNBUNDLED 2-WAY PBX SOUTH CAROLINA AREA PLUS CALLING PORT		NA	NA	NA	NA	NA	NA	NA	NA	NA
2-WIRE VOICE UNBUNDLED PBX COLLIERVILLE & MEMPHIS CALLING PORT		NA	NA	NA	NA	NA	NA	NA	NA	NA
2-WIRE VOICE UNBUNDLED 2-WAY PBX TENNESSEE REGIONSERV CALLING PORT		NA	NA	NA	NA	NA	NA	NA	NA	NA
NRC - OSS LSR Charge, Electronic, per LSR received from the CLEC by one of the OSS Interactive Interfaces	SOMEC	$3.50	$3.50	$3.50	$3.50	$3.50	$3.50	$3.50	$3.50	$3.50
NRC - Incremental Charge - Manual Service Order - 1st	SOMAN	$27.37	NA	$18.94	NA	$18.14	$25.52	$26.94	$41.86	NA
NRC - Incremental Charge - Manual Service Order - Add'l	SOMAN	$12.97	NA	$8.42	NA	$8.06	$11.34	$12.76	$14.46	NA
NRC - Incremental Charge - Manual Service Order - Disconnect - 1st	SOMAN	$17.77	NA	NA	NA	$8.94	$16.06	NA	NA	NA
NRC - Incremental Charge - Manual Service Order - Disconnect - Add'l	SOMAN	$0.48	NA	NA	NA	NA	NA	NA	NA	NA
2-Wire Analog Hunting, per line per month										
NRC - 1st	HTGUX	See features	NA	NA	$0.29	NA	See features	NA	See features	NA
NRC - Add'l	HTGUX	See features	NA	NA	$2.14	NA	See features	NA	See features	NA
Coin Port, per month	HTGUX	See features	NA	NA	$2.14	NA	See features	NA	See features	NA
		$2.34	NA	$2.05	$3.04	$2.50	$2.32	NA	$2.77	$1.90
NRC - 1st		$21.93	NA	$17.16	$40.71	$16.43	$22.98	NA	$24.75	BST GSST A.3.1
NRC - Add'l		$21.93	NA	$17.16	$40.71	$16.43	$22.98	NA	$24.75	BST GSST A.3.1
NRC - Disconnect Charge - 1st		$5.21	NA	NA	NA	$4.15	$6.56	NA	NA	NA
NRC - Disconnect Charge - Add'l		$5.21	NA	NA	NA	$4.15	$6.56	NA	NA	NA
NRC - Incremental Charge - Manual Service Order - 1st	SOMAN	$25.93	NA	$18.94	NA	$18.14	$25.52	NA	$43.48	NA
NRC - Incremental Charge - Manual Service Order - Add'l	SOMAN	$12.97	NA	$8.42	NA	$8.06	$11.34	$26.94	$14.57	NA
NRC - Incremental Charge - Manual Service Order - Disconnect - 1st	SOMAN	$16.33	NA	NA	NA	$9.86	$16.06	$12.76	NA	NA
NRC - Incremental Charge - Manual Service Order - Disconnect - Add'l	SOMAN	$0.48	NA	NA	NA	NA	NA	NA	NA	NA
4-Wire Coin Port, per month		NA	NA	NA	No add'l charge	NA	NA	$2.59	NA	NA
NRC - 1st		NA	NA	NA	NA	NA	NA	$21.60	NA	NA
NRC - Add'l		NA	NA	NA	NA	NA	NA	$21.60	NA	NA
NRC - Disconnect Charge - 1st		NA	NA	NA	NA	NA	NA	NA	NA	NA
NRC - Disconnect Charge - Add'l		NA	NA	NA	NA	NA	NA	NA	NA	NA
NRC - Incremental Charge - Manual Service Order - 1st	SOMAN	NA	NA	NA	NA	NA	NA	$26.94	NA	NA
NRC - Incremental Charge - Manual Service Order - Add'l	SOMAN	NA	NA	NA	NA	NA	NA	$12.76	NA	NA
NRC - Incremental Charge - Manual Service Order - Disconnect - 1st	SOMAN	NA	NA	NA	NA	NA	NA	NA	NA	NA
NRC - Incremental Charge - Manual Service Order - Disconnect - Add'l	SOMAN	NA	NA	NA	NA	NA	NA	NA	NA	NA
VERTICAL FEATURES										
Local Switching Features offered with Port, Per month	NA	NA	NA	NA	NA	$8.28	NA	NA	See above	NA
Three-Way Calling, per month		$1.12	NA	NA	NA	NA	$1.32	$0.89	$1.10	NA
NRC		$1.03	NA	NA	NA	NA	$1.02	$1.51	$1.51	NA
NRC - Disconnect		$0.55	NA	NA	NA	NA	$0.5466	NA	NA	NA
Customer Changeable Speed Calling, per month		$0.08	NA	NA	NA	NA	$0.0755	$0.17	$0.1247	NA
NRC		$1.03	NA	NA	NA	NA	$1.02	$1.51	$1.51	NA
NRC - Disconnect		$0.55	NA	NA	NA	NA	$0.5466	NA	NA	NA
Call Waiting		$0.03	NA	NA	NA	NA	$0.033	$0.09	$0.0665	NA

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NRC		$1.03	NA	NA	NA	NA	$1.02	$1.51	$1.51	NA
NRC - Disconnect		$0.55	NA	NA	NA	NA	$0.5466	NA	NA	NA
Remote Activation of Call Forwarding, per month		$0.18	NA	NA	NA	NA	$0.4859	$0.85	$0.3743	NA
NRC		$1.03	NA	NA	NA	NA	$1.02	$1.51	$1.51	NA
NRC - Disconnect		$0.55	NA	NA	NA	NA	$0.5466	NA	NA	NA
Cancel Call Waiting, per month		$0.01	NA	NA	NA	NA	$0.0082	$0.01	$0.0099	NA
NRC		$1.03	NA	NA	NA	NA	$1.02	$1.51	$1.51	NA
NRC - Disconnect		$0.55	NA	NA	NA	NA	$0.5466	NA	NA	NA
Automatic Callback, per month		$0.29	NA	NA	NA	NA	$0.9977	$0.66	$0.8015	NA
NRC		$1.03	NA	NA	NA	NA	$1.02	$1.51	$1.51	NA
NRC - Disconnect		$0.55	NA	NA	NA	NA	$0.5466	NA	NA	NA
Automatic Recall, per month		$0.28	NA	NA	NA	NA	$0.3164	$0.29	$0.3102	NA
NRC		$1.03	NA	NA	NA	NA	$1.02	$1.51	$1.51	NA
NRC - Disconnect		$0.55	NA	NA	NA	NA	$0.5466	NA	NA	NA
Calling Number Delivery, per month		$0.22	NA	NA	NA	NA	$0.1817	$0.33	$0.3272	NA
NRC		$1.03	NA	NA	NA	NA	$1.02	$1.51	$1.51	NA
NRC - Disconnect		$0.55	NA	NA	NA	NA	$0.5466	NA	NA	NA
Calling Number Delivery Blocking, per month		$1.17	NA	NA	NA	NA	$0.9913	$0.02	$0.3684	NA
NRC		$1.03	NA	NA	NA	NA	$1.02	$1.51	$1.51	NA
NRC - Disconnect		$0.55	NA	NA	NA	NA	$0.5466	NA	NA	NA
Customer Originated Trace, per month		$0.14	NA	NA	NA	NA	$0.1918	$0.14	$0.1402	NA
NRC		$1.03	NA	NA	NA	NA	$1.02	$1.51	$1.51	NA
NRC - Disconnect		$0.55	NA	NA	NA	NA	$0.5466	NA	NA	NA
Selective Call Rejection, per month		$0.13	NA	NA	NA	NA	$0.1721	$0.13	$0.1528	NA
NRC		$1.03	NA	NA	NA	NA	$1.02	$1.51	$1.51	NA
NRC - Disconnect		$0.55	NA	NA	NA	NA	$0.5466	NA	NA	NA
Selective Call Forwarding, per month		$0.05	NA	NA	NA	NA	$0.1050	$0.28	$0.1287	NA
NRC		$1.03	NA	NA	NA	NA	$1.02	$1.51	$1.51	NA
NRC - Disconnect		$0.55	NA	NA	NA	NA	$0.5466	NA	NA	NA
Selective Call Acceptance, per month		$0.29	NA	NA	NA	NA	$0.4010	$0.33	$0.3263	NA
NRC		$1.03	NA	NA	NA	NA	$1.02	$1.51	$1.51	NA
NRC - Disconnect		$0.55	NA	NA	NA	NA	$0.5466	NA	NA	NA
Multiline Hunt Service (Rotary) Service per line, (in addition to port), per month		$0.11	NA	NA	NA	NA	$0.1271	$0.14	$0.1301	NA
NRC		$1.03	NA	NA	NA	NA	$1.02	$1.51	$1.51	NA
NRC - Disconnect		$0.55	NA	NA	NA	NA	$0.5466	NA	NA	NA
Call Forwarding Variable, per month		$0.06	NA	NA	NA	NA	$0.0474	$0.10	$0.0768	NA
NRC		$1.03	NA	NA	NA	NA	$1.02	$1.51	$1.51	NA
NRC - Disconnect		$0.55	NA	NA	NA	NA	$0.5466	NA	NA	NA
Selective Call Forwarding, per month		$0.03	NA	NA	NA	NA	$0.0279	$0.08	$0.0603	NA
NRC		$1.03	NA	NA	NA	NA	$1.02	$1.51	$1.51	NA
NRC - Disconnect		$0.55	NA	NA	NA	NA	$0.5466	NA	NA	NA
Call Forwarding Busy Line, per month		$0.03	NA	NA	NA	NA	$0.0306	$0.09	$0.0655	NA
NRC		$1.03	NA	NA	NA	NA	$1.02	$1.51	$1.51	NA
NRC - Disconnect		$0.55	NA	NA	NA	NA	$0.5466	NA	NA	NA
Call Forwarding Don't Answer All Calls, per month		$1.36	NA	NA	NA	NA	$1.47	$0.95	$1.41	NA
NRC		$1.03	NA	NA	NA	NA	$1.02	$1.51	$1.51	NA
NRC - Disconnect		$0.55	NA	NA	NA	NA	$0.5466	NA	NA	NA
Remote Call Forwarding, per month		$0.12	NA	NA	NA	NA	$0.1404	$0.14	$0.1392	NA
NRC		$1.03	NA	NA	NA	NA	$1.02	$1.51	$1.51	NA
NRC - Disconnect		$0.55	NA	NA	NA	NA	$0.5466	NA	NA	NA
Call Hold, per month		$0.03	NA	NA	NA	NA	$0.0190	$0.15	$0.0677	NA
NRC		$1.03	NA	NA	NA	NA	$1.02	$1.51	$1.51	NA
NRC - Disconnect		$0.55	NA	NA	NA	NA	$0.5466	NA	NA	NA

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DESCRIPTION	USOC	AL	FL	GA	KY	LA	MS	NC	SC	TN
Toll Restricted Service, per month		$0.04	NA	NA	NA	NA	$0.0387	$0.10	$0.0743	NA
NRC		$1.03	NA	NA	NA	NA	$1.02	$1.51	$1.51	NA
NRC - Disconnect		$0.55	NA	NA	NA	NA	$0.5466	NA	NA	NA
Message Waiting Indicator -- Stutter Dial Tone, per month		$0.03	NA	NA	NA	NA	$0.0356	$0.03	$0.0318	NA
NRC		$1.03	NA	NA	NA	NA	$1.02	$1.51	$1.51	NA
NRC - Disconnect		$0.55	NA	NA	NA	NA	$0.5466	NA	NA	NA
Anonymous Call Rejection, per month		$0.93	NA	NA	NA	NA	$0.9519	$1.29	$1.13	NA
NRC		$1.03	NA	NA	NA	NA	$1.02	$1.51	$1.51	NA
NRC - Disconnect		$0.55	NA	NA	NA	NA	$0.5466	NA	NA	NA
Shared Call Appearances of a DN, per month		$0.41	NA	NA	NA	NA	$0.5015	$0.29	$0.3513	NA
NRC		$1.03	NA	NA	NA	NA	$1.02	$1.47	$1.47	NA
NRC - Disconnect		$0.55	NA	NA	NA	NA	$0.5466	NA	NA	NA
Multiple Call Appearances, per month		$0.09	NA	NA	NA	NA	$0.0932	$0.07	$0.0691	NA
NRC		$1.03	NA	NA	NA	NA	$1.02	$1.47	$1.47	NA
NRC - Disconnect		$0.55	NA	NA	NA	NA	$0.5466	NA	NA	NA
ISDN Bridged Call Exclusion, per month		$0.00	NA	NA	NA	NA	$0.0013	$0.0011	$0.0013	NA
NRC		$1.03	NA	NA	NA	NA	$1.02	$1.47	$1.47	NA
NRC - Disconnect		$0.55	NA	NA	NA	NA	$0.5466	NA	NA	NA
Call by Call Access, per month		$28.29	NA	NA	NA	NA	$50.89	$19.83	$0.3821	NA
NRC		$28.94	NA	NA	NA	NA	$28.81	$33.83	$33.36	NA
NRC - Disconnect		$5.22	NA	NA	NA	NA	$5.16	NA	NA	NA
Privacy Release, per month		$0.01	NA	NA	NA	NA	$0.0030	$0.0041	$0.0116	NA
NRC		$1.03	NA	NA	NA	NA	$1.02	$1.51	$1.51	NA
NRC - Disconnect		$0.55	NA	NA	NA	NA	$0.5466	NA	NA	NA
Multi Appearance Directory Number Calls, per month		$0.10	NA	NA	NA	NA	$0.1115	$0.13	$0.1048	NA
NRC		$1.03	NA	NA	NA	NA	$1.02	$1.51	$1.51	NA
NRC - Disconnect		$0.55	NA	NA	NA	NA	$0.5466	NA	NA	NA
Make Set Busy, per month		$0.01	NA	NA	NA	NA	$0.0013	$0.0020	$0.0101	NA
NRC		$1.03	NA	NA	NA	NA	$1.02	$1.51	$1.51	NA
NRC - Disconnect		$0.55	NA	NA	NA	NA	$0.5466	NA	NA	NA
Teen Service (Res. Dist. Alerting Service), per month		$0.15	NA	NA	NA	NA	$0.1071	$0.28	$0.2149	NA
NRC		$1.03	NA	NA	NA	NA	$1.02	$1.51	$1.51	NA
NRC - Disconnect		$0.55	NA	NA	NA	NA	$0.5466	NA	NA	NA
Code Restriction and Diversion, per month		$0.04	NA	NA	NA	NA	$0.0464	$0.09	$0.0708	NA
NRC		$1.03	NA	NA	NA	NA	$1.02	$1.51	$1.51	NA
NRC - Disconnect		$0.55	NA	NA	NA	NA	$0.5466	NA	NA	NA
Call Park, per month		$0.04	NA	NA	NA	NA	$0.0443	$0.09	$0.0694	NA
NRC		$1.03	NA	NA	NA	NA	$1.02	$1.51	$1.51	NA
NRC - Disconnect		$0.55	NA	NA	NA	NA	$0.5466	NA	NA	NA
Automatic Line, per month		$0.09	NA	NA	NA	NA	$0.1111	$0.14	$0.1179	NA
NRC		$1.03	NA	NA	NA	NA	$1.02	$1.51	$1.51	NA
NRC - Disconnect		$0.55	NA	NA	NA	NA	$0.5466	NA	NA	NA
2-WIRE ISDN BRI FEATURES										
Shared Primary Number-First Appr On Each Add'l Terminal	DS1FJ	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
Secondary Only Dn (Shared/Non-Shared) First Appearance	LLDSF	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
Shared Secondary Only On-First Appr On Each Add'l Term	DS1F1	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
Shared Non-ISDN DN	DOE	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
Privacy Release	DS1FU	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
Manual Exclusion	DS1FM	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
Call Forwarding Variable-Voice Or Voice/Data	LLNCV	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
Call Forwarding Variable – Data	LLOCD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
Call Forwarding Variable – Feature Button – Voice	GJXCF	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
Call Forwarding Variable – Feature Button – Data	LLPCD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD

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DESCRIPTION	USOC	AL	FL	GA	KY	LA	MS	NC	SC	TN
Call Forwarding Busy Line – Voice Or Voice/Data	LLQCV	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
Call Forwarding Busy Line – Data	LLRCD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
Call Frwding Busy Line–Prgrmmbl–Voice Or Voice/Data	M6AVA	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
Call Forwarding Busy Line – Programmable - Data	M6ADF	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
Call Forwarding Don't Answer – Voice Or Voice/Data	LLSCV	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
Call Forwarding Don't Answer – Data	LLUCD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
Call Forwarding Don't Answer–Prgmmble Voice Or Voice/Data	M6BVA	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
Call Forwarding Don't Answer - Programmable - Data	M6BDF	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
Call Frwding Multiple Simultaneous – Voice Or Voice/Data	M6CV5	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
Call Forwarding Multiple Simultaneous – Data	M6CD5	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
Conference, Drop, Hold And Transfer	DS1FN	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
Six-Way Conference, Drop, Hold And Transfer	LLY6P	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
Multi-Line Hunt Group – Voice Or Voice/Data	HTG	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
Multi-Line Hunt Group – Data	HTGSD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
Speed Calling	LLZSU	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
Visual Message Waiting Indicator	LLAVP	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
Audible Message Waiting Indicator	MWW	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
Additional Call Appearance, PDN Or DN	DS1FG	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
Call Tracing	NST	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
Call Return	NSS	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
Preferred Call Forwarding	NCE	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
Call Block	NSY	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
Repeat Dialing	NSQ	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
Per Line Blocking For Agencies/Law Enforcement	NOB	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
Per Line Blocking For Non-Pub Customers	NOBNN	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
Per Line Blocking For General Public	NOBPC	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
Per Line Blocking For Non-Pub, And Non-Listed Customer	NOBPP	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
Per Line Blocking For Non-Pub Customers	NOBNP	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
Per Line Blocking For Non-Pub Customers	NOBNR	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
Call Return Denial Of, Per Activation	BCR	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
Repeat Dialing, Denial Of, Per Activation	BRD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
Automatic Line/Direct Connect	M6GN9	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
Make Set Busy	M6MP0	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
Selective Call Acceptance	M6K16	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
Call Park/Call Retrieve	M6HP6	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
Call Transfer System Exception	M6QTD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
Make Set Busy – Intragroup	M6MG0	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
All Customized Code Restrictions	CREX+	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
Additional Listing	CLT	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
Additional Listing No Rate	FLT	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
Cross Reference Listing	LLT	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
Non-Pub Listing No Rate	NP3	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
Non-List Listing	NLT	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
Non-List Listing No Rate	NLE	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
Alternate Call Listing	FNA	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
Manual Service Order Charge	SOMAN	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
All Selective Class Of Call Screening	SRG++	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
ISDN Message Waiting Indication–Lamp, per month		$0.01	NA	NA	NA	NA	$0.0105	$0.0107	$0.0138	NA
NRC		$1.03	NA	NA	NA	NA	$1.02	$1.47	$1.47	NA
NRC- Disconnect		$0.55	NA	NA	NA	NA	$0.5466	NA	NA	NA
ISDN Feature Function Buttons		NA	NA	NA	NA	NA	NA	NA	NA	NA
NRC		$1.03	NA	NA	NA	NA	$1.02	$1.51	$1.51	NA
NRC - Disconnect		$0.55	NA	NA	NA	NA	$0.5466	NA	NA	NA
Subsequent Ordering Charge – (per order, per line)		NA	NA	NA	NA	NA	NA	NA	NA	NA
NRC - Electronic - 1st		$2.88	NA	NA	NA	NA	$2.84	$5.42	$1.36	NA

BELLSOUTH/KNOLOGY RATES NETWORK ELEMENTS
AND OTHER SERVICES
PORTS

DESCRIPTION	USOC	AL	FL	GA	KY	LA	MS	NC	SC	TN
NRC - Electronic - Add'l		$0.96	NA	NA	NA	NA	$0.95	$0.95	$0.71	NA
NRC - Manual - 1st		$4.80	NA	NA	NA	NA	$4.73	$1.89	$7.35	NA
NRC - Manual - Add'l		$0.96	NA	NA	NA	NA	$0.95	NA	$0.95	NA
NRC - Disconnect		$2.88	NA	NA	NA	NA	$2.84	NA	NA	NA
Unbundled Port Usage Charges										
End Office Switching (Port Usage)										
End Office Switching Function, per mou	N/A	$0.0018	$0.0175	$0.0016333	$0.002562	$0.0021	$0.0023771	$0.0017000	$0.0018295	$0.0019
End Office Switching Function, add'l mou (5)	N/A	NA	$0.005	NA	NA	NA	NA	NA	NA	NA
End Office Interoffice Trunk Port—Shared, per mou	N/A	$0.0002	NA	$0.0001564	NA	$0.0002	$0.0001927	NA	$0.0002581	NA
Tandem Switching (Port Usage) (Local or Access Tandem)										
Tandem Switching Function per mou	N/A	$0.00063	$0.00029	$0.0006757	$0.001098	$0.0008	$0.0007834	$0.0009	$0.0006843	$0.000676
Tandem Interoffice Trunk Port - Shared per mou			NA	$0.0002126	NA	$0.0003	$0.0002834	NA	$0.0004034	NA
Common (Shared) Transport										
Common (Shared) Transport per mile per mou	N/A	$0.00001	$0.000012	$0.000008	$0.0000049	$0.0000083	$0.0000091	$0.00001	$0.0000121	$0.00004
Common (Shared) Transport Facilities Termination per mou	N/A	$0.00045	$0.0005	$0.0004152	$0.000426	$0.00047	$0.0004281	$0.00034	$0.0004672	$0.00038

NOTES:

1 Port rate includes all available features.

2 Transmission/usage charges associated with POTS circuit switched usage will also apply to circuit switched voice and/or circuit switched data transmission by B-Channels associated with 2-wire ISDN ports.

3 Access to B Channel or D Channel Packet capabilities will be avail- able only through BFR/New Business Request Process. Rates for the packet capabilities will be determined via the Bona Fide Request/New Business Request Process.

4 This rate element is for those states which have a specific rate for User Profile per B Channel.

5 This rate element is for use in those states with a different rate for additional minutes of use.

BELLSOUTH/KNOLOGY RATES
NETWORK ELEMENTS
AND OTHER SERVICES
TRANSPORT

UNBUNDLED DEDICATED TRANSPORT - Local Channel

Local Channel - Dedicated - 2-Wire VG

Monthly Recurring per month	USOC	AL	FL	GA	KY	LA	MS	NC	SC	TN
(Monthly Recurring per month)	ULDV2	$14.61	$26.31	$13.91	$22.26	$14.94	$17.83	$14.83	$16.83	$19.02
NRC - 2-wire VG - 1st	ULDV2	$494.65	$389.37	$382.95	$585.15	$347.49	$487.62	$553.80	$654.00	$199.33
NRC - 2-wire VG -Add'l	ULDV2	$88.44	$96.88	$62.40	$98.53	$59.75	$94.35	$99.69	$88.58	$24.16
NRC - 2-Wire VG - Disconnect Chg - 1st	ULDV2	$77.81	$68.45	NA	NA	$33.68	$77.69	NA	NA	$54.81
NRC - 2-Wire VG - Disconnect Chg - Add'l	ULDV2	$7.63	$5.97	NA	NA	$6.60	$8.95	NA	NA	$4.80
NRC - Manual Svc Order, per LSR	SOMAN	NA	$21.73	NA	$19.99	NA	NA	NA	NA	$19.99
NRC - Manual Svc Order, per LSR disconnect	SOMAN	NA	$3.87	NA	NA	NA	NA	NA	NA	NA
NRC - Electronic Svc Order, per LSR	SOMEC	$3.50	$2.77	$3.50	$3.50	$3.50	$3.50	$3.50	$3.50	$3.50
NRC - Electronic Svc Order, per LSR disconnect	SOMEC	NA	$0.43	NA	NA	NA	NA	NA	NA	NA
NRC - 2-Wire VG - Incremental Charge -Manual Svc Order - 1st	SOMAN	$27.37	NA	$18.94	$41.46	$18.14	$25.50	$42.17	$43.75	NA
NRC - 2-Wire VG - Incremental Charge -Manual Svc Order - Add'l	SOMAN	$18.37	NA	$8.42	$11.99	$8.06	$11.34	$12.76	$13.55	NA
NRC - 2-Wire VG - Incremental Charge -Manual Svc Order -Disconnect	SOMAN	$17.75	NA	NA	NA	$11.40	$16.05	NA	NA	NA

Local Channel - Dedicated - 4-Wire VG

Monthly Recurring per month	USOC	AL	FL	GA	KY	LA	MS	NC	SC	TN
(Monthly Recurring per month)	ULDV4	$15.77	$27.48	$14.99	$23.38	$16.21	$19.03	$15.87	$18.06	$20.14
NRC - 4-Wire VG - 1st	ULDV4	$502.43	$390.75	$368.44	$585.15	$352.75	$495.25	$562.23	$562.46	$201.53
NRC - 4-Wire VG - Add'l	ULDV4	$86.88	$67.75	$64.05	$98.53	$81.33	$96.56	$92.67	$91.57	$24.83
NRC - 4-Wire VG - Disconnect Chg - 1st	ULDV4	$78.71	$99.32	NA	NA	$54.36	$78.58	NA	NA	$55.52
NRC - 4-Wire VG - Disconnect Chg - Add'l	ULDV4	$8.53	$6.85	NA	NA	$7.28	$9.84	NA	NA	$5.51
NRC - Manual Svc Order, per LSR	SOMAN	NA	$21.73	NA	$19.99	NA	NA	NA	NA	$19.99
NRC - Manual Svc Order, per LSR disconnect	SOMAN	NA	$3.87	NA	NA	NA	NA	NA	NA	NA
NRC - Electronic Svc Order, per LSR	SOMEC	$3.50	$2.77	$3.50	$3.50	$3.50	$3.50	$3.50	$3.50	$3.50
NRC - Electronic Svc Order, per LSR disconnect	SOMEC	NA	$0.43	NA	NA	NA	NA	NA	NA	NA
NRC - 4-Wire VG - Incremental Charge -Manual Svc Order - 1st	SOMAN	$27.37	NA	$18.94	$41.46	$18.14	$25.52	$42.17	$43.64	NA
NRC - 4-Wire VG - Incremental Charge -Manual Svc Order - Add'l	SOMAN	$18.73	NA	$8.42	$11.99	$8.06	$11.34	$12.76	$13.55	NA
NRC - 4-Wire VG - Incremental Charge -Manual Svc Order -Disconnect	SOMAN	$17.75	NA	NA	NA	$11.40	$17.25	NA	NA	NA

Local Channel - Dedicated - DS1

DS1 per month	USOC	AL	FL	GA	KY	LA	MS	NC	SC	TN
(DS1 per month)	ULDF1	$35.52	$42.98	$38.38	$43.80	$43.80	$38.91	$55.68	$37.20	$40.27
NRC - DS1 - 1st	ULDF1	$503.57	$357.86	$356.15	$538.95	$348.56	$494.83	$634.48	$534.81	$277.35
NRC - DS1 - Add'l	ULDF1	$442.84	$309.95	$312.88	$464.94	$300.30	$435.28	$462.69	$462.81	$233.26
NRC - DS1 - Disconnect Chg - 1st	ULDF1	$46.28	$41.46	NA	NA	$24.15	$46.85	NA	NA	$33.18
NRC - DS1 - Disconnect Chg - Add'l	ULDF1	$32.18	$28.51	NA	NA	$21.31	$33.02	NA	NA	$22.30
NRC - Manual Svc Order, per LSR	SOMAN	NA	$21.73	NA	$19.99	NA	NA	NA	NA	$19.99
NRC - Manual Svc Order, per LSR disconnect	SOMAN	NA	$3.87	NA	NA	NA	NA	NA	NA	NA
NRC - Electronic Svc Order, per LSR	SOMEC	$3.50	$2.77	$3.50	$3.50	$3.50	$3.50	$3.50	$3.50	$3.50
NRC - Electronic Svc Order, per LSR disconnect	SOMEC	NA	$0.43	NA	NA	NA	NA	NA	NA	NA
NRC - DS1 - Incremental Charge -Manual Svc Order - 1st	SOMAN	$61.95	NA	$44.22	$87.71	$42.34	$59.58	$86.15	$87.99	NA
NRC - DS1 - Incremental Charge -Manual Svc Order - Add'l	SOMAN	$0.00	NA	NA	NA	NA	NA	$1.77	$3.11	NA
NRC - DS1 - Incremental Charge -Manual Svc Order -Disconnect	SOMAN	$29.27	NA	NA	NA	$19.48	$27.40	NA	NA	NA

Local Channel - Dedicated - DS3

DS3 - per mile per month	USOC	AL	FL	GA	KY	LA	MS	NC	SC	TN
(DS3 - per mile per month)	1L5NC	$8.44	$9.32	$7.00	$34.00	$30.34	NA	NA	$12.08	$23.76
DS3 - Facility Termination per month	ULDF3	$535.92	$560.39	$521.54	$835.09	$689.01	$533.33	$498.87	$493.31	$607.28
NRC - DS3 - Facility Termination - 1st	ULDF3	$640.54	$910.45	$646.47	$1,091	$709.14	$526.67	$562.25	$735.42	$726.16
NRC - DS3 - Facility Termination - Add'l	ULDF3	$426.28	$532.19	$431.05	$661.23	$402.63	$493.71	$527.88	$519.31	$411.64
NRC - DS3 - Facility Termination - Disconnect - 1st	ULDF3	$121.72	$223.20	$123.65	NA	$102.16	$42.41	NA	NA	$103.36
NRC - DS3 - Facility Termination - Disconnect - Add'l	ULDF3	$118.54	$156.12	$120.44	NA	$98.46	$40.87	NA	NA	$100.59
NRC - Manual Svc Order, per LSR	SOMAN	NA	$21.73	NA	$19.99	NA	NA	NA	NA	$19.99
NRC - Manual Svc Order, per LSR disconnect	SOMAN	$3.50	$3.87	$3.50	NA	NA	NA	NA	NA	NA
NRC - Electronic Svc Order, per LSR	SOMEC	NA	$2.77	NA	$3.50	$3.50	$3.50	$3.50	$3.50	$3.50
NRC - Electronic Svc Order, per LSR disconnect	SOMEC	NA	$0.43	NA	NA	NA	NA	NA	NA	NA
NRC - DS3 -Incremental Charge -Manual Svc Order - 1st	SOMAN	$38.48	NA	$37.96	$93.12	$50.25	$31.49	$56.25	$54.26	NA
NRC - DS3 - Incremental Charge -Manual Svc Order - Add'l	SOMAN	$38.48	NA	$37.96	$93.12	$50.25	$31.49	$56.25	$54.26	NA

BELLSOUTH/ONOLOGY RATES
NETWORK ELEMENTS
AND OTHER SERVICES
TRANSPORT

Description	Code	1	2	3	4	5	6	7	8	9
NRC - DS3 - Incremental Charge--Manual Svc Order-Disconnect -1st	SOMAN	$19.03	$18.23	$18.23	NA	$20.94	$25.35	NA	NA	NA
NRC - DS3 - Incremental Charge--Manual Svc Order-Disconnect-Add'l	SOMAN	$19.03	$18.23	$18.23	NA	$20.94	$25.35	NA	NA	NA
Local Channel - Dedicated - STS-1										
STS-1 - per mile per month	1LSNC	$8.44	$9.32	$7.00	$34.00	$8.77	$38.98	NA	$12.08	$25.11
STS-1 - Facility Termination per month	ULDFS	$525.40	$523.20	$523.20	$635.09	$558.00	$531.39	$512.00	$481.14	$615.65
NRC - STS-1 - Facility Termination - 1st	ULDFS	$640.54	$646.47	$646.47	$1,091	$594.71	$1,084.33	$767.25	$735.42	$1,085.73
NRC - STS-1 - Facility Termination - Add'l	ULDFS	$428.82	$431.06	$431.06	$661.23	$396.54	$682.13	$534.95	$519.31	$683.01
NRC - STS-1 - Facility Termination - Disconnect - 1st	ULDFS	$121.72	$123.65	$123.65	NA	$113.75	$42.41	NA	NA	$103.36
NRC - STS-1 - Facility Termination - Disconnect - Add'l	ULDFS	$118.54	$120.44	$120.44	NA	$110.80	$40.87	NA	NA	$100.59
NRC - Manual Svc Order, per LSR	SOMAN	NA	$21.73	NA	$19.99	NA	NA	NA	NA	$19.99
NRC - Manual Svc Order, per LSR disconnect	SOMAN	NA	$3.87	NA	NA	NA	NA	NA	NA	NA
NRC - Electronic Svc Order, per LSR	SOMEC	$3.50	$2.77	$3.50	$3.50	$3.50	$3.60	$3.50	$3.50	$3.50
NRC - Electronic Svc Order, per LSR disconnect	SOMEC	NA	$0.43	NA	NA	NA	NA	NA	NA	NA
NRC - STS-1 - Incremental Charge--Manual Svc Order - 1st	SOMAN	$38.48	$37.98	$37.98	$93.12	$34.92	$96.10	$55.00	$54.26	NA
NRC - STS-1 - Incremental Charge--Manual Svc Order - Add'l	SOMAN	$38.48	$37.98	$37.98	$93.12	$34.92	$96.10	$55.00	$54.26	NA
NRC - STS-1 - Incremental Charge--Manual Svc Order-Disconnect -1st	SOMAN	$19.03	$18.23	$18.23	NA	$16.77	$25.35	NA	NA	NA
NRC - STS-1 - Incremental Charge--Manual Svc Order-Disconnect-Add'l	SOMAN	$19.03	$18.23	$18.23	NA	$16.77	$25.35	NA	NA	NA
Local Channel - Dedicated - OC3										
OC3 per mile per month	TBD	$7.09	$8.08	$5.88	$28.56	$25.48	$35.55	$21.27	$10.15	$19.95
OC3 Facility Termination per month	TBD	$1,123	$951.40	$924.18	$1,493	$1,179	$873.23	$914.18	$483.31	$1,283
NRC - OC3 - Facility Termination - 1st	TBD	$949.53	$974.02	$958.02	$1,543	$1,025	$1,427.00	$1,543	$735.42	$1,050
NRC - OC3 - Facility Termination - Add'l	TBD	$413.38	$412.05	$417.50	$661.23	$402.63	$549.17	$670.92	$519.31	$411.64
NRC - OC3 - Facility Termination -Disconnect Chg - 1st	TBD	$121.72	$112.44	$123.65	NA	$102.16	$134.07	NA	NA	$103.36
NRC - OC3 - Facility Termination - Disconnect Chg - Add'l	TBD	$118.54	$109.19	$120.44	NA	$99.46	$130.59	NA	NA	$100.59
NRC - Manual Svc Order, per LSR	SOMAN	NA	$21.73	NA	$19.99	NA	NA	NA	NA	$19.99
NRC - Manual Svc Order, per LSR disconnect	SOMAN	NA	$3.87	NA	NA	NA	NA	NA	NA	NA
NRC - Electronic Svc Order, per LSR	SOMEC	$3.50	$2.77	$3.50	$3.50	$3.50	$3.50	$3.50	$3.50	$3.50
NRC - Electronic Svc Order, per LSR disconnect	SOMEC	NA	$0.43	NA	NA	NA	NA	NA	NA	NA
NRC - OC3 - Incremental Charge--Manual Svc Order - 1st	SOMAN	$38.48	$37.98	$37.98	$93.12	$50.25	$68.62	$99.10	$54.26	NA
NRC - OC3 - Incremental Charge--Manual Svc Order - Add'l	SOMAN	$38.48	$37.98	$37.98	$93.12	$50.25	$68.62	$99.10	$54.26	NA
NRC - OC3 - Incremental Charge--Manual Svc Order-Disconnect-1st	SOMAN	$19.03	$18.23	$18.23	NA	$20.94	$28.59	NA	NA	NA
NRC - OC3 - Incremental Charge--Manual Svc Order-Disconnect-Add'l	SOMAN	$19.03	$18.23	$18.23	NA	$20.94	$28.59	NA	NA	NA
Local Channel - Dedicated - OC12										
OC12 per mile per month	TBD	$10.13	$11.18	$8.40	$40.80	$38.40	$50.79	$30.38	$14.50	$28.51
OC12 Facility Termination per month	TBD	$5,630	$2,088	$3,220	$4,492	$3,895	$3,414.00	$3,316	$4,414	$7,158
NRC - OC12 - Facility Termination - 1st	TBD	$1,165	$1,193	$1,175	$1,658	$1,245	$1,742.00	$1,853	$1,259	$1,276
NRC - OC12 - Facility Termination - Add'l	TBD	$413.38	$412.05	$417.50	$661.23	$402.63	$549.17	$670.92	$505.68	$411.64
NRC - OC12 - Facility Termination -Disconnect Chg - 1st	TBD	$121.72	$112.44	$123.65	NA	$102.16	$134.07	NA	NA	$103.36
NRC - OC12 - Facility Termination - Disconnect Chg - Add'l	TBD	$118.54	$109.19	$120.44	NA	$99.46	$130.59	NA	NA	$100.59
NRC - Manual Svc Order, per LSR	SOMAN	NA	$21.73	NA	$19.99	NA	NA	NA	NA	$19.99
NRC - Manual Svc Order, per LSR disconnect	SOMAN	NA	$3.87	NA	NA	NA	NA	NA	NA	NA
NRC - Electronic Svc Order, per LSR disconnect	SOMEG	$3.50	$2.77	$3.50	$3.50	$3.50	$3.50	$3.50	$3.50	$3.50
NRC - OC12 - Incremental Charge--Manual Svc Order-1st	SOMAN	$38.48	$37.98	$37.98	$93.12	$50.25	$68.62	$99.10	$54.26	NA
NRC - OC12 - Incremental Charge--Manual Svc Order - Add'l	SOMAN	$38.48	$37.98	$37.98	$93.12	$50.25	$68.62	$99.10	$54.26	NA
NRC - OC12 - Incremental Charge--Manual Svc Order-Disconnect-1st	SOMAN	$19.03	$18.23	$18.23	NA	$20.94	$28.59	NA	NA	NA
NRC - OC12 - Incremental Charge--Manual Svc Order-Disconnect-Add'l	SOMAN	$19.03	$18.23	$18.23	NA	$20.94	$28.59	NA	NA	NA
Local Channel - Dedicated - OC48										
OC48 per mile per month	TBD	$33.22	$36.67	$27.55	$133.84	$119.40	$165.59	$99.66	$47.57	$93.50
OC48 Facility Termination per month	TBD	$1,947	$1,889	$1,689	$2,156	$2,311	$1,768.00	$1,837	$1,842	$1,853
OC48 - Interface OC12 on OC48 per month	TBD	$699.62	$592.09	$564.15	$728.81	$708.85	$668.36	$584.78	$773.40	$572.61
NRC - OC48 - Facility Termination - 1st	TBD	$1,165	$1,183	$1,175	$1,858	$1,245	$1,742.00	$1,853	$1,259	$1,276

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Description	Code									
NRC - OC48 - Facility Termination -Add'l	TBD	$413.38	$412.05	$417.50	$661.23	$402.63	$549.17	$870.92	$505.88	$411.64
NRC - OC48 - Interface OC12 on OC48 - 1st	TBD	$540.10	$547.98	$545.24	$844.21	$532.13	$729.04	$852.47	$635.04	$544.55
NRC - OC48 - Interface OC12 on OC48 -Add'l	TBD	$317.48	$314.49	$320.83	$516.89	$304.90	$404.94	$529.57	$410.02	$311.39
NRC - OC48 - Facility Termination - Disconnect Chg - 1st	TBD	$121.72	$112.44	$123.65	NA	$102.16	$134.07	NA	NA	$103.36
NRC - OC48 - Facility Termination - Disconnect Chg - Add'l	TBD	$118.54	$109.19	$120.44	NA	$99.46	$130.59	NA	NA	$100.59
NRC - OC48 - Interface OC12 on OC48 - Disconnect Chg - 1st	TBD	$121.72	$112.44	$123.65	NA	$102.16	$134.07	NA	NA	$103.38
NRC - OC48 - Interface OC12 on OC48 - Disconnect Chg - Add'l	TBD	$118.54	$109.19	$120.44	NA	$99.46	$130.59	NA	NA	$100.59
NRC - Manual Svc Order, per LSR	SOMAN	NA	$21.73	NA	$19.99	NA	NA	NA	NA	$19.99
NRC - Manual Svc Order, per LSR disconnect	SOMAN	NA	$3.87	NA	NA	NA	NA	NA	NA	NA
NRC - Electronic Svc Order, per LSR	SOMEC	$3.50	$2.77	$3.50	$3.50	$3.50	$3.50	$3.50	$3.50	$3.50
NRC - Electronic Svc Order, per LSR disconnect	SOMEC	NA	$0.43	NA	NA	NA	NA	NA	NA	NA
NRC - OC48 - Incremental Charge -Manual Svc Order - 1st	SOMAN	$38.48	NA	$37.98	$93.12	$50.25	$68.62	$99.10	$54.26	NA
NRC - OC48 - Incremental Charge -Manual Svc Order - Add'l	SOMAN	$38.48	NA	$37.98	$93.12	$50.25	$68.62	$99.10	$54.26	NA
NRC - OC48 -Interface-Incremental Cost-Manual Svc. Order vs. Electronic-1	SOMAN	$38.48	NA	$37.98	$93.12	$50.25	$68.62	$99.10	$54.26	NA
NRC - OC48 -Interface-Incremental Cost-Manual Svc. Order vs. Electronic-A	SOMAN	$38.48	NA	$37.96	$93.12	$50.25	$68.62	$99.10	$54.26	NA
NRC - OC48 - Incremental Charge -Manual Svc Order-Disconnect-1st	SOMAN	$19.03	NA	$18.23	NA	$20.94	$28.59	NA	NA	NA
NRC - OC48 - Incremental Charge -Manual Svc Order-Disconnect-Add'l	SOMAN	$19.03	NA	$18.23	NA	$20.94	$28.59			NA
NRC - OC48 -Interface-Incremental Cost-Manual Svc. Order vs. Electronic-D	SOMAN	$19.03	NA	$18.23	NA	$20.94	$28.59	NA	NA	NA
NRC - OC48 -Interface-Incremental Cost-Manual Svc. Order vs. Electronic-D	SOMAN	$19.03	NA	$18.23	NA	$20.94	$28.59	NA	NA	NA

UNBUNDLED DEDICATED TRANSPORT - Interoffice Channel
Interoffice Transport - Dedicated - 2-wire VG

Description	Code									
2-Wire VG - per mile per month	1L5XX	$0.0339	$0.0100	$0.0222	$0.0301	$0.0384	$0.0323	$0.0262	$0.0373	$0.0173
2-Wire VG - Facility Termination per month	U1TV2	$18.49	$26.72	$17.07	$27.66	$19.10	$21.33	$18.01	$21.42	$18.33
NRC - 2-wire VG - Facility Termination - 1st	U1TV2	$107.11	$81.73	$79.61	$142.31	$76.20	$106.72	$137.48	$136.44	$55.39
NRC - 2-wire VG - Facility Termination - Add'l	U1TV2	$48.27	$65.26	$36.08	$56.21	$34.54	$48.83	$52.59	$51.37	$17.37
NRC - 2-wire VG - Facility Termination - Disconnect Charge -1st	U1TV2	$37.16	$31.26	NA	NA	$28.03	$38.05	NA	NA	$27.96
NRC - 2-wire VG - Facility Termination - Disconnect Charge -Add'l	U1TV2	$5.88	$12.88	NA	NA	$5.37	$7.23	NA	NA	$3.51
NRC - Manual Svc Order, per LSR	SOMAN	NA	$21.73	NA	$19.99	NA	NA	NA	NA	$19.99
NRC - Manual Svc Order, per LSR disconnect	SOMAN	NA	$3.87	NA	NA	NA	NA	NA	NA	NA
NRC - Electronic Svc Order, per LSR	SOMEC	$3.50	$2.77	$3.50	$3.50	$3.50	$3.50	$3.50	$3.50	$3.50
NRC - Electronic Svc Order, per LSR disconnect	SOMEC	NA	$0.43	NA	NA	NA	NA	NA	NA	NA
NRC - 2-wire VG - Incremental Charge -Manual Svc Order - 1st	SOMAN	$27.37	NA	$18.94	$37.21	$18.14	$25.52	$38.07	$39.63	NA
NRC - 2-wire VG - Incremental Charge -Manual Svc Order - Add'l	SOMAN	$27.57	NA	$18.94	$37.21	$18.14	$25.52	$38.07	$39.63	NA
NRC - 2-wire VG - Incremental Charge -Manual Svc Order-Disconnect-1st	SOMAN	$12.97	$31.26	NA	NA	$9.06	$11.34	NA	NA	NA
NRC - 2-wire VG - Incremental Charge -Manual Svc Order-Disconnect-Add'l	SOMAN	$12.97	$12.88	NA	NA	$8.06	$11.34	NA	NA	NA

Common (Shared) Transport

Description	Code									
Common (Shared) Transport per mile per mou	NA	$0.000001	$0.000012	$0.000006	$0.0000049	$0.0000083	$0.0000091	$0.0000001	$0.0000121	$0.000004
Common (Shared) Transport Facilities Termination per mou	NA	$0.00045	$0.0005	$0.0004152	$0.000426	$0.00047	$0.0004281	$0.00034	$0.0004672	$0.00036

Interoffice Transport - Dedicated - 4-wire VG

Description	Code									
4-Wire VG - per mile per VG	1L5XX	NA	$0.0100	NA	NA	NA	NA	NA	NA	NA
4-Wire VG - Facility Termination per month	U1TV4	NA	$23.82	NA	NA	NA	NA	NA	NA	NA
NRC - 4-wire VG - Facility Termination -1st	U1TV4	NA	$91.73	NA	NA	NA	NA	NA	NA	NA
NRC - 4-wire VG - Facility Termination - Add'l	U1TV4	NA	$65.26	NA	NA	NA	NA	NA	NA	NA
NRC - 4-wire VG - Facility Termination - Disconnect Charge-1st	U1TV4	NA	$31.26	NA	NA	NA	NA	NA	NA	NA
NRC - 4-wire VG - Facility Termination - Disconnect Charge -Add'l	U1TV4	NA	$12.88	NA	NA	NA	NA	NA	NA	NA
NRC - Manual Svc Order, per LSR	SOMAN	NA	$21.73	NA	NA	NA	NA	NA	NA	NA
NRC - Manual Svc Order, per LSR disconnect	SOMAN	NA	$3.87	NA	NA	NA	NA	NA	NA	NA
NRC - Electronic Svc Order, per LSR	SOMEC	NA	$2.77	NA	NA	NA	NA	NA	NA	NA
NRC - Electronic Svc Order, per LSR disconnect	SOMEC	NA	$0.43	NA	NA	NA	NA	NA	NA	NA
NRC - 4-wire VG - Incremental Charge -Manual Svc Order - 1st	SOMAN	NA	NA	NA	NA	NA	NA	NA	NA	NA
NRC - 4-wire VG - Incremental Charge -Manual Svc Order - Add'l	SOMAN	NA	NA	NA	NA	NA	NA	NA	NA	NA
NRC - 4-wire VG - Incremental Charge -Manual Svc Order-Disconnect-1st	SOMAN	NA	NA	NA	NA	NA	NA	NA	NA	NA
NRC - 4-wire VG - Incremental Charge -Manual Svc Order-Disconnect-Add'l	SOMAN	NA	NA	NA	NA	NA	NA	NA	NA	NA

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Interoffice Transport - Dedicated - DS0 - 56

Description	USOC									
DS0 - per mile per month	1L5XX	$0.0339	$0.0100	$0.0222	$0.0301	$0.0384	$0.0323	$0.0282	$0.0373	$0.1730
DS0 - Facility Termination per month	U1TD5	$17.81	$19.46	$16.45	$26.95	$18.37	$20.64	$17.40	$20.71	$17.74
NRC - DS0 - Facility Termination - 1st	U1TD5	$107.11	$81.74	$79.61	$142.31	$76.20	$106.72	$137.48	$136.44	$55.39
NRC - DS0 - Facility Termination - Add'l	U1TD5	$48.27	$55.26	$36.08	$56.21	$34.54	$48.83	$52.58	$51.37	$17.37
NRC - DS0 -Facility Termination - Disconnect Charge - 1st	U1TD5	$37.16	$31.26	NA	NA	$28.03	$38.05	NA	NA	$27.96
NRC - DS0 - Facility Termination - Disconnect Charge - Add'l	U1TD5	$5.88	$12.88	NA	NA	$5.37	$7.23	NA	NA	$3.51
NRC - DS0 - Manual Svc Order, per LSR	SOMAN	NA	$21.73	NA	$19.99	NA	NA	NA	NA	$19.99
NRC - DS0 - Manual Svc Order, per LSR disconnect	SOMAN	NA	$3.87	NA	NA	NA	NA	NA	NA	NA
NRC - Electronic Svc Order, per LSR	SOMEC	$3.50	$2.77	$3.50	$3.50	$3.50	$3.50	$3.50	$3.50	$3.50
NRC - Electronic Svc Order, per LSR disconnect	SOMEC	NA	$0.43	NA	NA	NA	NA	NA	NA	NA
NRC - DS0 -Incremental Charge--Manual Svc Order - 1st	SOMAN	$27.37	NA	$18.94	$37.21	$18.14	$25.52	$39.07	$39.63	NA
NRC - DS0 -Incremental Charge--Manual Svc Order - Add'l	SOMAN	$27.37	NA	$18.94	$37.21	$18.14	$25.52	$38.07	$39.63	NA
NRC - DS0 -Incremental Charge--Manual Svc Order-Disconnect-1st	SOMAN	$12.97	NA	NA	NA	$8.06	$11.34	NA	NA	NA
NRC - DS0 -Incremental Charge--Manual Svc Order-Disconnect—Add'l	SOMAN	$12.97	NA	NA	NA	$8.06	$11.34	NA	NA	NA

Interoffice Transport - Dedicated - 64 KBPS

Description	USOC									
DS0 - per mile per month	1L5XX	$0.0339	$0.0100	$0.0222	$0.0301	$0.0384	$0.0323	$0.0282	$0.0373	$0.1730
DS0 - Facility Termination per month	U1TD6	$17.81	$19.46	$16.45	$26.95	$18.37	$20.64	$17.40	$20.71	$17.74
NRC - DS0 - Facility Termination - 1st	U1TD6	$107.11	$81.74	$79.61	$142.31	$76.20	$106.72	$137.48	$136.44	$55.39
NRC - DS0 - Facility Termination - Add'l	U1TD6	$48.27	$55.26	$36.08	$56.21	$34.54	$48.83	$52.58	$51.37	$17.37
NRC - DS0 -Facility Termination - Disconnect Charge - 1st	U1TD6	$37.16	$31.26	NA	NA	$28.03	$38.05	NA	NA	$27.96
NRC - DS0 - Facility Termination - Disconnect Charge - Add'l	U1TD6	$5.88	$12.88	NA	NA	$5.37	$7.23	NA	NA	$3.51
NRC - DS0 - Manual Svc Order, per LSR	SOMAN	NA	$21.73	NA	$19.99	NA	NA	NA	NA	$19.99
NRC - DS0 - Manual Svc Order, per LSR disconnect	SOMAN	NA	$3.87	NA	NA	NA	NA	NA	NA	NA
NRC - Electronic Svc Order, per LSR	SOMEC	$3.50	$2.77	$3.50	$3.50	$3.50	$3.50	$3.50	$3.50	$3.50
NRC - Electronic Svc Order, per LSR disconnect	SOMEC	NA	$0.43	NA	NA	NA	NA	NA	NA	NA
NRC - DS0 -Incremental Charge--Manual Svc Order - 1st	SOMAN	$27.37	NA	$18.94	$37.21	$18.14	$25.52	$39.07	$39.63	NA
NRC - DS0 -Incremental Charge--Manual Svc Order - Add'l	SOMAN	$27.37	NA	$18.94	$37.21	$18.14	$25.52	$39.07	$39.63	NA
NRC - DS0 -Incremental Charge--Manual Svc Order-Disconnect-1st	SOMAN	$12.97	NA	NA	NA	$8.06	$11.34	NA	NA	NA
NRC - DS0 -Incremental Charge--Manual Svc Order-Disconnect—Add'l	SOMAN	$12.97	NA	NA	NA	$8.06	$11.34	NA	NA	NA

Interoffice Transport - Dedicated - DS1

Description	USOC									
DS1 - per mile per month	1L5XX	$0.6920	$0.2035	$0.3068	$0.4500	$0.7831	$0.6598	$0.0783	$0.7598	$0.3525
DS1 - Facility Termination per month	U1TF1	$79.69	$63.31	$63.39	$55.05	$93.40	$74.40	$71.29	$84.98	$75.83
NRC - DS1-Facility Termination - 1st	U1TF1	$198.15	$179.99	$147.07	$298.18	$140.49	$196.28	$217.17	$216.27	$145.98
NRC - DS1 - Facility Termination - Add'l	U1TF1	$148.18	$164.95	$111.75	$231.23	$106.89	$147.31	$163.75	$162.70	$109.85
NRC - DS1 - Facility Termination -Disconnect Charge - 1st	U1TF1	$25.44	$30.54	NA	NA	$20.00	$26.56	NA	NA	$19.55
NRC - DS1 - Facility Termination -Disconnect Charge - Add'l	U1TF1	$20.42	$26.97	NA	NA	$16.34	$21.61	NA	NA	$14.99
NRC - DS1 - Manual Svc Order, per LSR	SOMAN	NA	$21.73	NA	$19.99	NA	NA	NA	NA	$19.99
NRC - DS1 - Manual Svc Order, per LSR disconnect	SOMAN	NA	$3.87	NA	NA	NA	NA	NA	NA	NA
NRC - Electronic Svc Order, per LSR	SOMEC	$3.50	$2.77	$3.50	$3.50	$3.50	$3.50	$3.50	$3.50	$3.50
NRC - Electronic Svc Order, per LSR disconnect	SOMEC	NA	$0.43	NA	NA	NA	NA	NA	NA	NA
NRC - DS1 - Incremental Charge--Manual Svc Order - 1st	SOMAN	$27.37	NA	$18.94	$37.21	$18.14	$25.52	$39.07	$39.63	NA
NRC - DS1 -Incremental Charge--Manual Svc Order - Add'l	SOMAN	$27.37	NA	$18.94	$37.21	$18.14	$25.52	$39.07	$39.63	NA
NRC - DS1 - Incremental Charge--Manual Svc Order-Disconnect-1st	SOMAN	$12.97	NA	NA	NA	$8.06	$11.31	NA	NA	NA
NRC - DS1 -Incremental Charge--Manual Svc Order-Disconnect-Add'l	SOMAN	$12.97	NA	NA	NA	$8.06	$11.34	NA	NA	NA

Interoffice Transport - Dedicated - DS3

Description	USOC									
DS3 - per mile per month	1L5XX	$4.98	$4.25	$2.75	$12.62	$14.04	$15.02	$12.98	$8.13	$5.89
DS3 -Facility Termination per month	U1TF3	$996.15	$1,130	$796.59	$1,204	$1,101	$744.38	$720.38	$967.70	$760.20
NRC - DS3 - Facility Termination -1st	U1TF3	$511.77	$562.06	$516.67	$946.23	$611.41	$686.74	$794.94	$606.72	$625.91
NRC - DS3 - Facility Termination - Add'l	U1TF3	$330.82	$328.16	$334.38	$516.89	$304.90	$477.76	$579.55	$423.45	$311.39
NRC - DS3 - Facility Termination -Disconnect Charge - 1st	U1TF3	$121.72	$112.44	$123.65	NA	$102.16	$125.56	NA	NA	$103.36
NRC - DS3 - Facility Termination -Disconnect Charge - Add'l	U1TF3	$118.54	$109.19	$120.44	NA	$99.46	$118.79	NA	NA	$100.59

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Description	Code									
NRC - Manual Svc Order, per LSR	SOMAN	NA	$21.73	NA	$19.99	NA	NA	NA	NA	$19.99
NRC - Manual Svc Order, per LSR disconnect	SOMAN	NA	$3.87	NA	NA	NA	NA	NA	NA	NA
NRC - Electronic Svc Order, per LSR	SOMEC	$3.50	$2.77	$3.50	$3.50	$3.50	$3.50	$3.50	$3.50	$3.50
NRC - Electronic Svc Order, per LSR disconnect	SOMEC	NA	$0.43	NA	NA	NA	NA	NA	NA	NA
NRC - DS3 - Incremental Charge—Manual Svc Order - 1st	SOMAN	$38.48	NA	$37.96	$93.12	$50.25	$64.97	$91.26	$54.26	NA
NRC - DS3 - Incremental Charge—Manual Svc Order - Add'l	SOMAN	$38.48	NA	$37.96	$93.12	$50.25	$64.97	$91.26	$54.26	NA
NRC - DS3 - Incremental Charge—Manual Svc Order-Disconnect—1st	SOMAN	$19.03	NA	$18.23	NA	$20.94	$27.08	NA	NA	NA
NRC - DS3 - Incremental Charge—Manual Svc Order-Disconnect—Add'l	SOMAN	$19.03	NA	$18.23	NA	$20.94	$27.08	NA	NA	NA
Interoffice Transport - Dedicated - STS-1										
STS-1 - per mile per month	1L5XX	$4.98	$4.25	$2.75	$12.62	$14.04	$13.48	$8.29	$8.13	$6.88
STS-1 - Facility Termination per month	U1TFS	$995.41	$1,114	$792.17	$1,204	$1,101	$692.52	$800.94	$967.58	$838.65
NRC - STS-1 - Facility Termination - 1st	U1TFS	$611.77	$582.06	$516.67	$646.23	$611.41	$858.15	$824.86	$606.72	$858.26
NRC - STS-1 - Facility Termination - Add'l	U1TFS	$330.92	$326.16	$464.82	$516.89	$304.90	$524.58	$436.36	$423.45	$525.25
NRC - STS-1 - Facility Termination - Disconnect Charge - 1st	U1TFS	$121.72	$112.44	$123.65	NA	$102.16	$125.56	NA	NA	$103.36
NRC - STS-1 - Facility Termination - Disconnect Charge - Add'l	U1TFS	$118.54	$109.19	$120.44	NA	$99.46	$118.79	NA	NA	$100.59
NRC - Manual Svc Order, per LSR	SOMAN	NA	$21.73	NA	$19.99	NA	NA	NA	NA	$19.99
NRC - Manual Svc Order, per LSR disconnect	SOMAN	NA	$3.87	NA	NA	NA	NA	NA	NA	NA
NRC - Electronic Svc Order, per LSR	SOMEC	$3.50	$2.77	$3.50	$3.50	$3.50	$3.50	$3.50	$3.50	$3.50
NRC - Electronic Svc Order, per LSR disconnect	SOMEC	NA	$0.43	NA	NA	NA	NA	NA	NA	NA
NRC - STS-1 - Incremental Charge—Manual Svc Order - 1st	SOMAN	$38.48	NA	$37.96	$93.12	$50.25	$94.50	$55.00	$54.26	NA
NRC - STS-1 - Incremental Charge—Manual Svc Order - Add'l	SOMAN	$38.48	NA	$37.96	$93.12	$50.25	$94.50	$55.00	$54.26	NA
NRC - DS3 - Incremental Charge—Manual Svc Order-Disconnect—1st	SOMAN	$19.03	NA	$18.23	NA	$20.94	$27.08	NA	NA	NA
NRC - DS3 - Incremental Charge—Manual Svc Order-Disconnect—Add'l	SOMAN	$19.03	NA	$18.23	NA	$20.94	$27.08	NA	NA	NA
Interoffice Transport - Dedicated - OC3										
OC3 - per mile per month	1L5XX	$7.35	$8.38	$4.42	$27.97	$23.69	$18.35	$14.10	$9.75	$13.45
OC3 - Facility Termination per month	TBD	$2,475	$3,043	$2,211	$3,390	$2,990	$1,892.00	$2,071	$2,802	$2,124
NRC - OC3 - Facility Termination - 1st	TBD	$820.85	$876.46	$829.22	$1,399	$927.35	$1,283.00	$1,381	$915.64	$950.10
NRC - OC3 - Facility Termination - Add'l	TBD	$317.48	$314.49	$320.83	$516.89	$304.90	$404.94	$509.93	$410.02	$311.39
NRC - OC3 - Facility Termination - Disconnect Charge - 1st	TBD	$121.72	$112.44	$123.65	NA	$102.16	$134.07	NA	NA	$103.36
NRC - OC3 - Facility Termination - Disconnect Charge - Add'l	TBD	$118.54	$109.19	$120.44	NA	$99.46	$130.59	NA	NA	$100.59
NRC - Manual Svc Order, per LSR	SOMAN	NA	$21.73	NA	$19.99	NA	NA	NA	NA	$19.99
NRC - Manual Svc Order, per LSR disconnect	SOMAN	NA	$3.87	NA	NA	NA	NA	NA	NA	NA
NRC - Electronic Svc Order, per LSR	SOMEC	$3.50	$2.77	$3.50	$3.50	$3.50	$3.50	$3.50	$3.50	$3.50
NRC - Electronic Svc Order, per LSR disconnect	SOMEC	NA	$0.43	NA	NA	NA	NA	NA	NA	NA
NRC - OC3 - Incremental Cost - Manual Svc Order vs. Electronic-1st	SOMAN	$38.48	NA	$37.96	$93.12	$50.25	$68.62	$94.77	$54.26	NA
NRC - OC3 - Incremental Cost - Manual Svc Order vs. Electronic-Add'l	SOMAN	$38.48	NA	$37.96	$93.12	$50.25	$68.62	$94.77	$54.26	NA
NRC - OC3 - Incremental Cost - Manual Svc Order vs. Electronic-Disconnect-1st	SOMAN	$19.03	NA	$18.23	NA	$20.94	$28.59	NA	NA	NA
NRC - OC3 - Incremental Cost - Manual Svc Order vs. Electronic-Disconnect-Add'l	SOMAN	$19.03	NA	$18.23	NA	$20.94	$28.59	NA	NA	NA
Interoffice Transport - Dedicated - OC12										
OC12 - per mile per month	1L5XX	$19.26	$26.91	$15.21	$84.68	$74.44	$60.42	$30.36	$22.52	$49.90
OC12 - Facility Termination	TBD	$9,763	$11,685	$8,291	$12,344	$11,517	$7,182.00	$2,122	$11,132	$9,015
NRC - OC12- Facility Termination - 1st	TBD	$1,036	$1,095	$1,045	$1,719	$1,147	$1,598.00	$1,722	$1,131	$1,176
NRC - OC12- Facility Termination - Add'l	TBD	$317.48	$314.49	$320.83	$516.89	$304.90	$404.94	$542.73	$410.02	$311.39
NRC - OC12 - Facility Termination—Disconnect-Chg-1st	TBD	$121.72	$112.44	$123.65	NA	$102.16	$134.07	$131.65	NA	$103.36
NRC - OC12 - Facility Termination - Disconnect Chg - Add'l	TBD	$118.54	$109.19	$120.44	NA	$99.46	$130.59	$128.19	NA	$100.59
NRC - Manual Svc Order, per LSR	SOMAN	NA	$21.73	NA	$19.99	NA	NA	NA	NA	$19.99
NRC - Manual Svc Order, per LSR disconnect	SOMAN	NA	$3.87	NA	NA	NA	NA	NA	NA	NA
NRC - Electronic Svc Order, per LSR	SOMEC	$3.50	$2.77	$3.50	$3.50	$3.50	$3.50	$3.50	$3.50	$3.50
NRC - Electronic Svc Order, per LSR disconnect	SOMEC	NA	$0.43	NA	NA	NA	NA	NA	NA	NA
NRC - OC12 - Incremental Cost - Manual Svc Order vs. Electronic-1st	SOMAN	$38.48	NA	$37.96	$93.12	$50.25	$68.62	$69.34	$54.26	NA
NRC - OC12 - Incremental Cost - Manual Svc Order vs. Electronic-Add'l	SOMAN	$38.48	NA	$37.96	$93.12	$50.25	$68.62	$69.34	$54.26	NA
NRC - OC12 - Incremental Cost - Manual Svc Order vs. Elect-Disconnect-1st	SOMAN	$19.03	NA	$18.23	NA	$20.94	$28.59	$29.76	NA	NA
NRC - OC12 - Incremental Cost - Manual Svc Order vs. Elect-Disconnect-Add'l	SOMAN	$19.03	NA	$18.23	NA	$20.94	$28.59	$29.76	NA	NA

BELLSOUTH/TECHNOLOGY RATES
NETWORK ELEMENTS
AND OTHER SERVICES
TRANSPORT

Description	Code									
Interoffice Transport - Dedicated - OC48										
OC48 - Facility Termination per month	1L5XX	$30.65	$34.66	$25.98	$138.02	$128.59	$102.43	$120.02	$45.92	$106.55
OC48 - per mile per month	TBD	$11,691	$12,554	$11,255	$16,017	$14,950	$11,460.00	$1,677	$967.58	$11,632
OC48 - per Interface OC12 on OC48 per month	TBD	$1,424	$1,208	$1,149	$1,497	$1,451	$1,351.00	$582.66	$1,561	$1,170
NRC - OC48 - Facility Termination - 1st	TBD	$1,036	$1,095	$1,045	$1,713	$1,147	$1,598.00	$1,722	$1,131	$1,176
NRC - OC48 - Facility Termination - Add'l	TBD	$317.48	$314.49	$320.83	$518.89	$304.90	$404.94	$542.73	$410.02	$311.39
NRC - OC48 - Interface OC12 on OC48 - 1st	TBD	$640.10	$547.98	$545.24	$844.21	$532.13	$729.04	$720.81	$635.04	$544.65
NRC - OC48 - Facility Termination - Disconnect Chg - 1st	TBD	$317.48	$314.49	$320.83	$518.89	$304.90	$404.94	$400.38	$410.02	$311.39
NRC - OC48 - Facility Termination - Disconnect Chg - Add'l	TBD	$121.72	$112.44	$120.44	$123.65	$102.16	$134.07	$131.65	NA	$103.36
NRC - OC48 - Interface OC12 on OC48 - Disconnect - 1st	TBD	$118.54	$109.19	$120.44	NA	$99.46	$130.59	$128.19	NA	$100.59
NRC - OC48 - Interface OC12 on OC48 - Disconnect - Add'l	TBD	$121.72	$112.44	$123.65	NA	$102.16	$134.07	$131.65	NA	$103.36
NRC - OC48 - Interface OC12 on OC48 - Disconnect - Add'l	TBD	$118.54	$109.19	$120.44	NA	$99.46	$130.59	$128.19	NA	$100.59
NRC - Manual Svc Order, per LSR	SOMAN	NA	$21.73	NA	$19.99	NA	NA	NA	NA	$19.99
NRC - Manual Svc Order, per LSR disconnect	SOMAN	$3.50	$3.87	$3.50	$3.50	$3.50	$3.50	$3.50	$3.50	$3.50
NRC - Electronic Svc Order, per LSR	SOMEC	NA	$2.77	NA	NA	NA	NA	NA	NA	NA
NRC - Electronic Svc Order, per LSR disconnect	SOMEC	NA	$0.43	NA	NA	NA	NA	NA	NA	NA
NRC - OC48 - Incremental Cost - Manual Svc. Order vs. Electronic-1st	SOMAN	$38.48	NA	$37.96	$93.12	$50.25	$68.62	$69.34	$54.26	NA
NRC - OC48 - Incremental Cost - Manual Svc. Order vs. Electronic-Add'l	SOMAN	$38.48	NA	$37.96	$93.12	$50.25	$68.62	$69.34	$54.26	NA
NRC - OC48 - Interface- Incremental Cost - Manual Svc. Order vs. Electronic-	SOMAN	$38.48	NA	$37.96	$93.12	$50.25	$68.62	$69.34	$54.26	NA
NRC - OC48 - Interface- Incremental Cost - Manual Svc. Order vs. Electronic-1st	SOMAN	$19.03	NA	$18.23	NA	$20.94	$28.59	$29.76	NA	NA
NRC - OC48 - Incremental Cost - Manual Svc. Order vs. Elect-Disconnect-1st	SOMAN	$19.03	NA	$18.23	NA	$20.94	$28.59	$29.76	NA	NA
NRC - OC48-Interface-Incremental Svc. Order vs. Elec-Disconnect	SOMAN	$19.03	NA	$18.23	NA	$20.94	$28.59	$29.76	NA	NA
NRC - OC48-Interface-Incremental Cost-Manual Svc. Order vs. Elec-Disconnect	SOMAN	$19.03	NA	$18.23	NA	$20.94	$28.59	$29.76	NA	NA
UNBUNDLED CHANNELIZATION										
DS3 Channelization (DS3 to DS1)										
per Channelized System (28 DS1) per month	MQ3	$225.38	$222.61	$184.02	$236.32	$245.84	$229.30	$226.81	$200.01	$222.98
NRC - 1st	MQ3	$265.87	$359.20	$268.81	$425.41	$259.78	$356.80	$351.95	$321.54	$265.08
NRC - Add'l	MQ3	$188.51	$299.24	$190.84	$303.33	$182.64	$247.40	$243.76	$234.30	$185.94
NRC - 1st - Disconnect	MQ3	$71.76	$189.04	$73.29	NA	$60.98	$79.94	$77.90	NA	$61.09
NRC - Add'l - Disconnect	MQ3	$52.03	$186.37	$60.61	NA	$50.46	$65.20	$63.32	NA	$50.31
per Interface per month (COCI)	UC1D1	$17.22	$14.51	$11.14	$8.52	$7.55	$5.58	$4.61	$11.99	$3.91
NRC - 1st	UC1D1	$12.05	$13.26	$12.15	$15.86	$12.29	$15.85	$15.76	$12.05	$12.61
NRC - Add'l	UC1D1	$8.69	$9.50	$9.78	$11.36	$8.80	$11.35	$11.26	$8.68	$9.03
NRC - Manual Svc Order, per LSR	SOMAN	NA	$21.73	NA	$19.99	NA	NA	NA	NA	$19.99
NRC - Manual Svc Order, per LSR disconnect	SOMAN	NA	$3.87	NA	$3.50	NA	NA	NA	NA	$3.50
NRC - Electronic Svc Order, per LSR	SOMEC	$3.50	$2.77	$3.50	$3.50	$3.50	$3.50	$3.50	$3.50	$3.50
NRC - Electronic Svc Order, per LSR disconnect	SOMEC	NA	$0.43	NA	NA	NA	NA	NA	NA	NA
Channel System - Incremental Cost - Manual Svc. Order vs. Electronic -1st	SOMAN	$15.61	$14.51	$14.91	$41.47	$19.74	$26.95	$28.13	$25.59	$21.71
Channel System - Incremental Cost - Manual Svc. Order vs. Electronic -Add'l	SOMAN	$7.39	NA	$6.63	$11.99	$8.77	$11.98	$13.33	$8.92	$10.46
Incremental Cost-Manual Svc. Order vs. Elect -Disconnect - 1st	SOMAN	$11.57	NA	$10.82	NA	$12.43	$16.97	$18.26	NA	$14.21
Incremental Cost-Manual Svc. Order vs. Elect -Disconnect - Add'l	SOMAN	$0.9469	NA	NA	NA	NA	NA	$1.48	NA	$1.46
DS1 Channelization (DS1 to DS0)										
per Channelized System (24 DS0) per month	MQ1	$136.82	$154.74	$127.60	$200.01	$209.87	$146.87	$177.72	$147.51	$165.21
NRC - 1st	MQ1	$197.98	$183.57	$200.38	$302.82	$193.63	$271.52	$267.19	$220.89	$197.21
NRC - Add'l	MQ1	$123.12	$126.16	$124.93	$184.20	$118.37	$164.56	$161.43	$137.15	$119.99
NRC -1st - Disconnect	MQ1	$30.18	$19.88	$31.37	NA	$26.44	$36.38	$34.55	NA	$25.66
NRC - Add'l - Disconnect	MQ1	$18.86	$18.29	$19.97	NA	$16.83	$11.96	$21.14	NA	$15.81
- Interface (COCI)										
per OCU-DP(data) card per month (2.4-64kbs)	1D1DD	$1.66	$2.22	$1.98	$2.94	$3.12	$2.86	$2.88	$2.34	$2.46
NRC - 1st	1D1DD	$12.05	$13.26	$12.15	$15.86	$12.29	$15.85	$15.76	$12.05	$12.61
NRC - Add'l	1D1DD	$8.69	$9.50	$8.76	$11.36	$8.80	$11.35	$11.26	$8.68	$9.03
per BRITE card per month	UC1CA	$3.41	$3.86	$3.41	$4.04	$4.18	$3.68	$3.76	$4.21	$3.33

BELLSOUTH TECHNOLOGY RATES
NETWORK ELEMENTS
AND OTHER SERVICES
TRANSPORT

	Code									
NRC - 1st	UC1CA	$12.05	$13.26	$12.15	$15.66	$12.29	$15.85	$15.76	$12.05	$12.61
NRC - Add'l	UC1CA	$8.69	$9.50	$8.76	$11.36	$8.80	$11.35	$11.28	$8.68	$9.03
per VG card per month (DS0)	1D1VG	$0.8586	$1.46	$1.18	$1.40	$1.62	$1.45	$1.64	$1.47	$1.25
NRC - 1st	1D1VG	$12.05	$13.26	$12.15	$15.66	$12.29	$15.85	$15.76	$12.05	$12.61
NRC - Add'l	1D1VG	$8.69	$9.50	$8.76	$11.36	$8.80	$11.35	$11.28	$8.68	$9.03
NRC - Manual Svc Order, per LSR	SOMAN	NA	$21.73	NA	$19.99	NA	NA	NA	NA	$19.99
NRC - Manual Svc Order, per LSR disconnect	SOMAN	NA	$3.67	NA	NA	NA	NA	NA	NA	NA
NRC - Electronic Svc Order, per LSR	SOMEC	$3.50	$2.77	$3.50	$3.50	$3.50	$3.50	$3.50	$3.50	$3.50
NRC - Electronic Svc Order, per LSR disconnect	SOMAN	NA	$0.43	NA	NA	NA	NA	NA	NA	NA
Channel System - Incremental Cost - Manual Svc. Order vs. Electronic -1st	SOMAN	$15.61	NA	$14.91	$41.47	$19.74	$26.95	$29.13	$25.59	$25.66
Channel System - Incremental Cost - Manual Svc. Order vs. Electronic -Add'l	SOMAN	$7.39	NA	$6.63	$11.99	$8.77	$11.98	$13.33	$8.92	$15.81
Incremental Cost-Manual Svc. Order vs. Elect -Disconnect - 1st	SOMAN	$11.67	NA	$10.82	NA	$12.43	$16.97	$18.26	NA	$14.21
Incremental Cost-Manual Svc. Order vs. Elect -Disconnect -Add'l	SOMAN	$0.9469	NA	NA	NA	NA	NA	$1.48	NA	$1.48
UNBUNDLED DARK FIBER										
Dark Fiber - Interoffice (four fiber strands) per route mile or fraction thereof, per mo	1L5DF	$25.80	$29.28	$24.98	$31.95	$32.28	$33.93	$29.66	$8.75	$28.60
NRC - Per each four-fiber dark fiber arrangement - 1st	UDF14	$1,739.00	$1,289	$1,737.00	$1,741.00	$1,746.00	$1,741.00	$1,738.00	$1,747.00	$1,742.00
NRC - Per each four-fiber dark fiber arrangement - Add'l	UDFC4	$563.09	$277.98	$562.39	$563.75	$565.20	$563.79	$562.82	$565.53	$564.08
NRC -Disconnect -1st	UDF14	NA	$592.25	NA	NA	NA	NA	NA	NA	NA
NRC -Disconnect -Add'l	UDF14	NA	$369.22	NA	NA	NA	NA	NA	NA	NA
Dark Fiber - Local Channel (four fiber strands) per route mile or fraction thereof, per	1L5DC	$70.82	$59.03	$64.63	$49.07	$64.72	$71.55	$56.47	$100.37	$60.06
NRC - Per each four-fiber dark fiber arrangement - 1st	UDFC4	$1,739.00	$1,289	$1,737.00	$1,741.00	$1,746.00	$1,741.00	$1,738.00	$1,747.00	$1,742.00
NRC - Per each four-fiber dark fiber arrangement - Add'l	UDFC4	$563.09	$277.98	$562.39	$563.75	$565.20	$563.79	$562.82	$565.53	$564.08
NRC -Disconnect -1st	UDFC4	NA	$592.25	NA	NA	NA	NA	NA	NA	NA
NRC -Disconnect -Add'l	UDFC4	NA	$369.22	NA	NA	NA	NA	NA	NA	NA
Dark Fiber - Local Loop (four fiber strands) per route mile or fraction thereof, per m	1L5DL	$70.82	$59.03	$54.63	$49.07	$64.72	$71.55	$56.47	$100.37	$60.06
NRC - Per each four-fiber dark fiber arrangement - 1st	UDFL4	$1,739.00	$1,289	$1,737.00	$1,741.00	$1,746.00	$1,741.00	$1,738.00	$1,747.00	$1,742.00
NRC - Per each four-fiber dark fiber arrangement - Add'l	UDFL4	$563.09	$277.98	$562.39	$563.75	$565.20	$563.79	$562.82	$565.53	$564.08
NRC -Disconnect -1st	UDFL4	NA	$592.25	NA	NA	NA	NA	NA	NA	NA
NRC -Disconnect -Add'l	UDFL4	NA	$369.22	NA	NA	NA	NA	NA	NA	NA

BELLSOUTH/ANOLOGY RATES
NETWORK ELEMENTS
AND OTHER SERVICES
LOOP/PORT COMBINATIONS

DESCRIPTION	USOC	AL	FL Orlando, FL, Lauderdale, Miami	GA Atlanta	KY	LA New Orleans	MS	NC Greensboro-Winston Salem-Highpoint/Charlotte-Gastonia-Rock Hill	SC	TN Nashville
UNBUNDLED LOOP/PORT COMBINATIONS										
Unbundled Loop/Port Combinations (Note 14)										
MARKET RATES (INCLUDING ALL VERTICAL FEATURES) (Note 1)										
Customers with 4 or more DS0 Equivalent										
Currently Combined (Note2)										
2-Wire Voice Grade Loop with 2-Wire Line Port (Res. and Bus.)										
2-Wire Voice Grade Line Port (Res.), per month										
2-wire voice unbundled port - residence	UEPRL	NA	$14.00	$14.00	NA	$14.00	NA	$14.00	NA	$14.00
2-wire voice unbundled port with caller ID - residence	UEPRC	NA	$14.00	$14.00	NA	$14.00	NA	$14.00	NA	$14.00
2-wire voice unbundled port outgoing only - residence	UEPRO	NA	$14.00	$14.00	NA	$14.00	NA	$14.00	NA	$14.00
2-wire voice grade unbundled Alabama extended local dialing parity port with caller ID	UEPAR	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-wire voice grade unbundled Kentucky extended local dialing parity port with caller ID	UEPRM	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-wire voice grade unbundled Louisiana extended local dialing parity port with caller ID	UEPAS	NA	NA	NA	NA	$14.00	NA	NA	NA	NA
2-wire voice grade unbundled Mississippi extended local dialing parity port with caller ID	UEPAT	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-wire voice grade unbundled South Carolina extended local dialing parity port with caller ID	UEPAU	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-wire voice grade unbundled Tennessee extended local dialing parity port with caller ID	UEPAQ	NA	NA	NA	NA	NA	NA	NA	NA	$14.00
2-wire voice unbundled Florida area calling with caller ID - residence	UEPAF	NA	$14.00	NA	NA	NA	NA	NA	NA	NA
2-wire voice unbundled Louisiana Area Plus with caller ID - residence (RUL)	UEPAG	NA	NA	NA	NA	$14.00	NA	NA	NA	NA
2-wire voice unbundled Louisiana Area Plus with caller ID - residence (AC7)	UEPAH	NA	NA	NA	NA	$14.00	NA	NA	NA	NA
2-wire voice unbundled South Carolina Area Calling port with Caller ID - residence (LW8)	UEPAJ	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-wire voice unbundled Tennessee Area Calling port with Caller ID - residence (P2R)	UEPAK	NA	NA	NA	NA	NA	NA	NA	NA	$14.00
2-wire voice unbundled Tennessee Area Calling port with Caller ID - residence (TACER)	UEPAL	NA	NA	NA	NA	NA	NA	NA	NA	$14.00
2-wire voice unbundled Tennessee Area Calling port with Caller ID - residence (TACSR)	UEPAM	NA	NA	NA	NA	NA	NA	NA	NA	$14.00
2-wire voice unbundled Tennessee Area Calling port with Caller ID - residence (1MF2X)	UEPAN	NA	NA	NA	NA	NA	NA	NA	NA	$14.00
2-wire voice unbundled Tennessee Area Calling port with Caller ID - residence (2MR)	UEPAO	NA	NA	NA	NA	NA	NA	NA	NA	$14.00
2-Wire Voice Grade Line Port (Bus.), per month	UEPAP	NA	$14.00	$14.00	NA	$14.00	NA	$14.00.	NA	$14.00
2-wire voice unbundled port without Caller ID	UEPBL	NA	$14.00	$14.00	NA	$14.00	NA	$14.00	NA	$14.00
2-wire voice unbundled port with unbundled port with Caller ID	UEPBC	NA	$14.00	$14.00	NA	$14.00	NA	$14.00	NA	$14.00
2-wire voice unbundled outgoing only port	UEPBO	NA	$14.00	$14.00	NA	$14.00	NA	$14.00	NA	$14.00
2-wire voice grade unbundled Alabama extended local dialing parity port with caller ID	UEPAW	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-wire voice grade unbundled Kentucky extended local dialing parity port with caller ID	UEPBM	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-wire voice grade unbundled Louisiana extended local dialing parity port with caller ID	UEPAX	NA	NA	NA	NA	$14.00	NA	NA	NA	NA
2-wire voice grade unbundled Mississippi extended local dialing parity port with caller ID	UEPAY	NA	NA	NA	NA	NA	NA	NA	NA	NA

BELLSOUTH/KNOLOGY RATES
NETWORK ELEMENTS
AND OTHER SERVICES
LOOP/PORT COMBINATIONS

DESCRIPTION	USOC	AL	FL	GA	KY	LA	MS	NC	SC	TN
2-wire voice grade unbundled South Carolina extended local dialing parity port with Caller ID	UEPAZ	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-wire voice grade unbundled Tennessee extended local dialing parity port with caller ID	UEPAV	NA	NA	NA	NA	NA	NA	NA	NA	$14.00
2-wire voice unbundled incoming only port with Caller ID	UEPB1	NA	$14.00	$14.00	NA	$14.00	NA	$14.00	NA	$14.00
2-wire voice unbundled LA Bus Area Calling Port with Caller ID (BUC)	UEPAA	NA	NA	NA	NA	$14.00	NA	NA	NA	NA
2-wire voice unbundled SC Bus Area Calling Port with Caller ID (LMB)	UEPAB	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-wire voice unbundled TN Bus 2-Way Area Calling Port Economy Option (TACC1)	UEPAC	NA	NA	NA	NA	NA	NA	NA	NA	$14.00
2-wire voice unbundled TN Bus 2-Way Area Calling Port Standard Option (TACC2)	UEPAD	NA	NA	NA	NA	NA	NA	NA	NA	$14.00
2-wire voice unbundled TN Bus 2-WAY Collierville and Memphis Local Calling Port (E2F)	UEPAE	NA	NA	NA	NA	NA	NA	NA	NA	$14.00
2-Wire Voice Grade Loop (SL1) (Res. and Bus.)	UEPLX	NA	NA	NA	NA	NA	NA	$14.18	NA	NA
RC - 2-Wire Voice Grade Loop - Statewide	UEPLX	NA	$13.75	$10.80	NA	$14.05	NA	NA	NA	$15.92
RC - 2-Wire Voice Grade Loop Zone 1	UEPLX	NA	$20.13	$12.47	NA	$24.14	NA	NA	NA	$20.79
RC - 2-Wire Voice Grade Loop Zone 2	UEPLX	NA	$44.40	$19.83	NA	$49.30	NA	NA	NA	$27.18
RC - 2-Wire Voice Grade Loop Zone 3										
Combination Rates										
RC - 2-Wire Voice Grade Loop with 2-Wire Line Port, Statewide	Note 8	NA	NA	NA	NA	NA	NA	$26.18	NA	NA
RC - 2-Wire Voice Grade Loop with 2-Wire Line Port, Zone 1 (Note 6)	Note 8	NA	$27.75	$24.90	NA	$26.05	NA	NA	NA	$20.92
RC - 2-Wire Voice Grade Loop with 2-Wire Line Port, Zone 2 (Note 6)	Note 8	NA	$34.13	$26.47	NA	$36.14	NA	NA	NA	$34.79
RC - 2-Wire Voice Grade Loop with 2-Wire Line Port, Zone 3 (Note 6)	Note 8	NA	$58.40	$33.63	NA	$63.30	NA	NA	NA	$41.18
Nonrecurring Charges										
2-Wire Voice Grade Line Port (Res. And Bus.)										
NRC - 2- wire voice grade unbundled port/loop combination - 1st, with charge	TBD	NA	$41.50	$41.50	NA	$41.50	NA	$41.50	NA	$41.50
NRC - 2- wire voice grade unbundled port/loop combination - Add'l, with charge	TBD	NA	$41.50	$41.50	NA	$41.50	NA	$41.50	NA	$41.50
NRC - 2- wire voice grade unbundled port/loop combination - 1st, no charge	TBD	NA	$41.50	$41.50	NA	$41.50	NA	$41.50	NA	$41.50
NRC - 2- wire voice grade unbundled port/loop combination - Add'l, no charge	TBD	NA	$41.50	$41.50	NA	$41.50	NA	$41.50	NA	$41.50
NRC - 2-Wire Voice Grade Loop/Line Port Combination - Subsequent	TBD	NA	$10.00	$10.00	NA	$10.00	NA	$10.00	NA	$10.00
NRC - 2-Wire Voice Grade Loop/Line Port Combination - OSS LSR Charge, Electronic, per LSR received from the CLEC by one of the OSS Interactive Interface	SOMEC	NA	$3.50	$3.50	NA	$3.50	NA	$3.50	NA	$3.50
NRC - 2-Wire Voice Grade Loop/Line Port Combination - Incremental Cost - Manual Svc.Order vs. Electronic - 1st	SOMAN	NA	$18.99	$33.76	NA	$31.92	NA	$40.18	NA	$30.89
NRC - 2-Wire Voice Grade Loop/Line Port Combination - Incremental Cost - Manual Svc.Order vs. Electronic - Add'l	SOMAN	NA	$19.99	$7.86	NA	$7.32	NA	$9.45	NA	$7.03
NRC 2 Wire Voice Grade Loop/Line Port Combination - Subsequent Database Update Electronic	TBD	NA	TBD	TBD	NA	$2.11	NA	$1.42	NA	TBD
NRC 2 Wire Voice Grade Loop/Line Port Combination - Subsequent Database Update Manual Service Order	TBD	NA	TBD	TBD	NA	$5.12	NA	$10.27	NA	TBD
NRC - Incremental Manual Service Order Disconnect	TBD	NA	$20.00	$20.00	NA	$20.00	NA	$20.00	NA	$20.00
2-Wire Voice Grade Loop with 2-Wire Line Port PBX										
2-Wire Analog Line Port (PBX), per month										
2 WIRE VOICE UNBUNDLED COMBINATION 2-WAY PBX TRUNK - Residence	UEPRD	NA	$14.00	$14.00	NA	$14.00	NA	$14.00	NA	$14.00
2 WIRE VOICE UNBUNDLED COMBINATION 2-WAY PBX TRUNK - BUSINESS	UEPPC	NA	$14.00	$14.00	NA	$14.00	NA	$14.00	NA	$14.00
LINE SIDE UNBUNDLED OUTWARD PBX TRUNK - BUSINESS	UEPPO	NA	$14.00	$14.00	NA	$14.00	NA	$14.00	NA	$14.00
LINE SIDE UNBUNDLED INCOMING PBX TRUNK - BUSINESS	UEPPI	NA	$14.00	$14.00	NA	$14.00	NA	$14.00	NA	$14.00
2-WIRE VOICE UNBUNDLED 2-WAY COMBINATION PBX ALABAMA CALLING PORT	UEPA2	NA	NA	NA	NA	NA	NA	NA	NA	NA

BELLSOUTH/INNOLOGY RATES
NETWORK ELEMENTS
AND OTHER SERVICES
LOOP/PORT COMBINATIONS

DESCRIPTION	USOC	AL	FL	GA	KY	LA	MS	NC	SC	TN
2-WIRE VOICE UNBUNDLED 2-WAY COMBINATION PBX LOUISIANA CALLING PORT	UEPL2	NA	NA	NA	NA	$14.00	NA	NA	NA	NA
2-WIRE VOICE UNBUNDLED PBX LD TERMINAL PORTS	UEPLD	NA	$14.00	$14.00	NA	$14.00	NA	$14.00	NA	$14.00
2-WIRE VOICE UNBUNDLED 2-WAY COMBINATION PBX TENNESSEE CALLING PORT	UEPT2	NA	NA	NA	NA	NA	NA	NA	NA	$14.00
2-WIRE VOICE UNBUNDLED 1-WAY OUTGOING PBX TENNESSEE CALLING PORT	UEPTO	NA	NA	NA	NA	NA	NA	NA	NA	$14.00
2-WIRE VOICE UNBUNDLED 2-WAY COMBINATION PBX USAGE PORT	UEPXA	NA	$14.00	$14.00	NA	$14.00	NA	$14.00	NA	$14.00
2-WIRE VOICE UNBUNDLED PBX TOLL TERMINAL PORTS	UEPXB	NA	$14.00	$14.00	NA	$14.00	NA	$14.00	NA	$14.00
2-WIRE VOICE UNBUNDLED PBX LD DDD TERMINALS PORT	UEPXC	NA	$14.00	$14.00	NA	$14.00	NA	$14.00	NA	$14.00
2-WIRE VOICE UNBUNDLED PBX LD TERMINAL SWITCHBOARD PORT	UEPXD	NA	$14.00	$14.00	NA	$14.00	NA	$14.00	NA	$14.00
2-WIRE VOICE UNBUNDLED PBX LD TERMINAL SWITCHBOARD IDD CAPABLE PORT	UEPXE	NA	$14.00	$14.00	NA	$14.00	NA	$14.00	NA	$14.00
2-WIRE VOICE UNBUNDLED PBX KENTUCKY ROOM AREA CALLING PORT WITHOUT LUD	UEPXF	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-WIRE VOICE UNBUNDLED PBX KENTUCKY LUD AREA CALLING PORT	UEPXG	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-WIRE VOICE UNBUNDLED PBX KENTUCKY PREMIUM CALLING PORT	UEPXH	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-WIRE VOICE UNBUNDLED PBX KENTUCKY AREA CALLING PORT WITHOUT LUD	UEPXJ	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-WIRE VOICE UNBUNDLED 2-WAY PBX LOUISIANA LOCAL OPTIONAL CALLING PORT	UEPXK	NA	NA	NA	NA	$14.00	NA	NA	NA	NA
2-WIRE VOICE UNBUNDLED 2-WAY PBX HOTEL/HOSPITAL ECONOMY ADMINISTRATIVE CALLING PORT	UEPXL	NA	$14.00	$14.00	NA	$14.00	NA	$14.00	NA	$14.00
2-WIRE VOICE UNBUNDLED 2-WAY PBX HOTEL/HOSPITAL ECONOMY ROOM CALLING PORT	UEPXM	NA	$14.00	$14.00	NA	$14.00	NA	$14.00	NA	$14.00
2-WIRE VOICE UNBUNDLED 1-WAY OUTGOING PBX HOTEL/HOSPITAL ECONOMY ADMINIATRATIVE CALLING PORTTENNESSEE CALLING PORT	UEPXN	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-WIRE VOICE UNBUNDLED 1-WAY OUTGOING PBX HOTEL/HOSPITAL DIACOUNT ROOM CALLING PORT	UEPXO	NA	$14.00	$14.00	NA	$14.00	NA	$14.00	NA	$14.00
2-WIRE VOICE UNBUNDLED 1-WAY OUTGOING PBX LOUISIANA LOCAL DISCOUNT CALLING PORT	UEPXP	NA	NA	NA	NA	$14.00	NA	NA	NA	NA
2-WIRE VOICE UNBUNDLED 2-WAY PBX MISSISSIPPI LOCAL ECONOMY CALLING PORT	UEPXQ	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-WIRE VOICE UNBUNDLED 2-WAY PBX MISSISSIPPI LOCAL OPTIONAL CALLING PORT	UEPXR	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-WIRE VOICE UNBUNDLED 1-WAY OUTGOING PBXMEASURED PORT	UEPXS	NA	$14.00	$14.00	NA	$14.00	NA	$14.00	NA	$14.00
2-WIRE VOICE UNBUNDLED 2-WAY PBX SOUTH CAROLINA AREA PLUS CALLING PORT	UEPXT	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-WIRE VOICE UNBUNDLED PBX COLLIERVILLE & MEMPHIS CALLING PORT	UEPXU	NA	NA	NA	NA	NA	NA	NA	NA	$14.00
2-WIRE VOICE UNBUNDLED 2-WAY PBX TENNESSEE REGIONSERV CALLING PORT	UEPXV	NA	NA	NA	NA	NA	NA	NA	NA	$14.00
LOCAL NUMBER PORTABILITY (REQUIRES ONE PER PORT)	LNPOP									
2-Wire Voice Grade Loop (SL1)										
RC - 2 - Wire Voice Grade Loop - Statewide	UEPLX	NA	NA	NA	NA	NA	NA	$14.18	NA	NA
RC - 2 - Wire Voice Grade Loop - Zone 1	UEPLX	NA	$13.75	$10.90	NA	$14.05	NA	NA	NA	$15.92
RC - 2 - Wire Voice Grade Loop - Zone 2	UEPLX	NA	$20.13	$12.47	NA	$24.14	NA	NA	NA	$20.79
RC - 2 - Wire Voice Grade Loop - Zone 3	UEPLX	NA	$44.40	$19.83	NA	$49.30	NA	NA	NA	$27.16
RC - 2 - Wire Voice Grade Loop - Zone 4	UEPLX	NA	NA	NA	NA	NA	NA	NA	NA	NA
Combination Rates										
RC - 2-Wire Voice Grade Loop with 2-Wire Line Port, Statewide	Note 8	NA	NA	NA	NA	NA	NA	$28.18	NA	NA
RC - 2-Wire Voice Grade Loop with 2-Wire Line Port, Zone 1 (Note 6)	Note 8	NA	$27.75	$24.90	NA	$28.05	NA	NA	NA	$29.92
RC - 2-Wire Voice Grade Loop with 2-Wire Line Port, Zone 2 (Note 6)	Note 8	NA	$34.13	$26.47	NA	$38.14	NA	NA	NA	$34.79
RC - 2-Wire Voice Grade Loop with 2-Wire Line Port, Zone 3 (Note 6)	Note 8	NA	$58.40	$33.83	NA	$63.30	NA	NA	NA	$41.18

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BELLSOUTH/KNOLOGY RATES
NETWORK ELEMENTS
AND OTHER SERVICES
LOOP/PORT COMBINATIONS

DESCRIPTION	USOC	AL	FL	GA	KY	LA	MS	NC	SC	TN
Nonrecurring Charges										
NRC - 2- wire voice grade unbundled port/loop combination - 1st, with charge	TBD	NA	$41.50	$41.50	NA	$41.50	NA	$41.50	NA	$41.50
NRC - 2- wire voice grade unbundled port/loop combination - Add'l, with charge	TBD	NA	$41.50	$41.50	NA	$41.50	NA	$41.52	NA	$41.50
NRC - 2- wire voice grade unbundled port/loop combination - 1st, no charge	TBD	NA	$41.50	$41.50	NA	$41.50	NA	$41.50	NA	$41.50
NRC - 2- wire voice grade unbundled port/loop combination - Add'l, no charge	TBD	NA	$41.50	$41.50	NA	$41.50	NA	$41.50	NA	$41.50
NRC - 2-Wire Voice Grade Loop/Line Port Combination - Subsequent	TBD	NA	$10.00	$10.00	$10.00	$10.00	NA	$10.00	NA	$10.00
NRC - 2-Wire Voice Grade Loop/Line Port Combination - OSS LSR Charge, Electronic, per LSR received from the CLEC by one of the OSS Interactive Interfaces (Note 7)	SOMEC	NA	$3.50	$3.50	NA	$3.50	NA	$3.50	NA	$3.50
NRC - 2-Wire Voice Grade Loop/Line Port Combination - Incremental Cost - Manual Svc. Order vs. Electronic - 1st	SOMAN	NA	$18.99	$33.67	NA	$31.92	NA	$40.18	NA	$30.69
NRC - 2-Wire Voice Grade Loop/Line Port Combination - Incremental Cost - Manual Svc.Order vs. Electronic - Add'l	SOMAN	NA	$19.99	$7.88	NA	$7.32	NA	$9.45	NA	$7.03
NRC - 2 Wire Voice Grade Loop/Line Port Combination - Subsequent Database Update Electronic	TBD	NA	TBD	TBD	NA	$2.11	NA	$1.42	NA	TBD
NRC 2 Wire Voice Grade Loop/Line Port Combination - Subsequent Database Update Manual Service Order	TBD	NA	TBD	TBD	NA	$5.12	NA	$10.27	NA	TBD
NRC - Incremental Manual Service Order Disconnect	TBD	NA	$20.00	$20.00	NA	$20.00	NA	$20.00	NA	$20.00
COST-BASED RATES (MONTHLY)										
Currently Combined										
2-Wire Voice Grade Loop with 2-Wire Line Port										
2-Wire Voice Grade Line Port (Res.), per month										
2-wire voice unbundled port - residence	UEPRL	$2.20	$2.00	$1.79	$2.61	$2.55	$2.12	$2.28	$3.69	$1.90
2-wire voice unbundled port - with caller ID - residence	UEPRC	$2.20	$2.00	$1.79	$2.61	$2.55	$2.12	$2.28	$3.69	$1.90
2-wire voice unbundled port outgoing only - residence	UEPRO	$2.20	$2.00	$1.79	$2.61	$2.55	$2.12	$2.28	$3.69	$1.90
2-wire voice grade unbundled Alabama extended local dialing parity port with caller ID	UEPAR	$2.20	NA	NA	NA	NA	NA	NA	NA	NA
2-wire voice grade unbundled Kentucky extended local dialing parity port with caller ID	UEPRM	NA	NA	NA	$2.61	NA	NA	NA	NA	NA
2-wire voice grade unbundled Louisiana extended local dialing parity port with caller ID	UEPAS	NA	NA	NA	NA	$2.55	NA	NA	NA	NA
2-wire voice grade unbundled Mississippi extended local dialing parity port with caller ID	UEPAT	NA	NA	NA	NA	NA	$2.12	NA	NA	NA
2-wire voice grade unbundled South Carolina extended local dialing parity port with caller ID	UEPAU	NA	NA	NA	NA	NA	NA	NA	$3.69	NA
2-wire voice grade unbundled Tennessee extended local dialing parity port with caller ID	UEPAQ	NA	NA	NA	NA	NA	NA	NA	NA	$1.90
2-wire voice unbundled area plus port with caller ID - residence	UEPRN	$2.20	$2.00	$1.79	$2.61	$2.55	$2.12	$2.28	$3.69	$1.90
2-wire voice unbundled Florida area calling with caller ID - residence	UEPAF	NA	$2.00	NA	NA	NA	NA	NA	NA	NA
2-wire voice unbundled Louisiana Area Plus with caller ID - residence (RUL)	UEPAG	NA	NA	NA	NA	$2.55	NA	NA	NA	NA
2-wire voice grade unbundled Louisiana Area Plus with caller ID - residence (AC7)	UEPAH	NA	NA	NA	NA	$2.55	NA	NA	NA	NA
2-wire voice grade unbundled South Carolina Area Calling port with Caller ID - residence (LWB)	UEPAJ	NA	NA	NA	NA	NA	NA	NA	$3.69	NA
2-wire voice unbundled Tennessee Area Calling port with Caller ID - residence (F2R)	UEPAK	NA	NA	NA	NA	NA	NA	NA	NA	$1.90
2-wire voice unbundled Tennessee Area Calling port with Caller ID - residence (TACER)	UEPAL	NA	NA	NA	NA	NA	NA	NA	NA	$1.90
2-wire voice unbundled Tennessee Area Calling port with Caller ID - residence (TACSR)	UEPAM	NA	NA	NA	NA	NA	NA	NA	NA	$1.90

BELLSOUTH/NNOLOGY RATES
NETWORK ELEMENTS
AND OTHER SERVICES
LOOP/PORT COMBINATIONS

DESCRIPTION	USOC	AL	FL	GA	KY	LA	MS	NC	SC	TN
2-wire voice unbundled Tennessee Area Calling port with Caller ID - residence (1MF2X)	UEPAN	NA	NA	NA	NA	NA	NA	NA	NA	$1.90
2-wire voice unbundled Tennessee Area Calling port with Caller ID - residence (2MR)	UEPAO	NA	NA	NA	NA	NA	NA	NA	NA	$1.90
2-wire voice unbundled res, low usage line port with Caller ID (LUM)	UEPAP	$2.20	$2.00	$1.79	$2.61	$2.55	$2.12	$2.28	$3.69	$1.90
2-Wire Voice Grade Line Port (Bus.) per month										
2-wire voice unbundled port without Caller ID	UEPBL	$2.20	$2.00	$1.79	$2.61	$2.55	$2.12	$2.28	$3.69	$1.90
2-wire voice unbundled port with unbundled port with Caller+E484 ID	UEPBC	$2.20	$2.00	$1.79	$2.61	$2.55	$2.12	$2.28	$3.69	$1.90
2-wire voice unbundled outgoing only port	UEPBO	$2.20	$2.00	$1.79	$2.61	$2.55	$2.12	$2.28	$3.69	$1.90
2-wire voice grade unbundled Alabama extended local dialing parity port with caller ID	UEPAW	$2.20	NA	NA	NA	NA	NA	NA	NA	NA
2-wire voice grade unbundled Kentucky extended local dialing parity port with caller ID	UEPBM	NA	NA	NA	$2.61	NA	NA	NA	NA	NA
2-wire voice grade unbundled Louisiana extended local dialing parity port with caller ID	UEPAX	NA	NA	NA	NA	$2.65	NA	NA	NA	NA
2-wire voice grade unbundled Mississippi extended local dialing parity port with caller ID	UEPAY	NA	NA	NA	NA	NA	$2.12	NA	NA	NA
2-wire voice grade unbundled South Carolina extended local dialing parity port with caller ID	UEPAZ	NA	NA	NA	NA	NA	NA	NA	$3.69	NA
2-wire voice grade unbundled Tennessee extended local dialing parity port with caller ID	UEPAV	NA	NA	NA	NA	NA	NA	NA	NA	$1.90
2-wire voice unbundled incoming only port with Caller ID	UEPBI	$2.20	$2.00	$1.79	$2.61	$2.65	$2.12	$2.28	$3.69	$1.90
2-wire voice unbundled LA Bus Area Calling Port with Caller ID (BUC)	UEPAA	NA	NA	NA	NA	$2.55	NA	NA	NA	NA
2-wire voice unbundled SC Bus Area Calling Port with Caller ID (LMB)	UEPAB	NA	NA	NA	NA	NA	NA	NA	$3.69	NA
2-wire voice unbundled TN Bus 2-Way Area Calling Port Economy Option (TACC1)	UEPAC	NA	NA	NA	NA	NA	NA	NA	NA	$1.90
2-wire voice unbundled TN Bus 2-Way Area Calling Port Standard Option (TACC2)	UEPAD	NA	NA	NA	NA	NA	NA	NA	NA	$1.90
2-wire voice unbundled TN Bus 2-WAY Collierville and Memphis Local Calling Port (B2F)	UEPAE	NA	NA	NA	NA	NA	NA	NA	NA	$1.90
2-Wire Voice Grade Loop (SL1)										
RC - 2 - Wire Voice Grade Loop - Statewide	UEPLX	NA	NA	NA	NA	NA	NA	$14.18	NA	NA
RC - 2- Wire Voice Grade Loop - Zone 1	UEPLX	$14.35	$13.75	$10.80	$14.79	$14.05	$14.59	NA	$17.02	$15.92
RC - 2- Wire Voice Grade Loop - Zone 2	UEPLX	$23.31	$20.13	$12.47	$27.66	$24.14	$19.33	NA	$25.66	$20.79
RC - 2- Wire Voice Grade Loop - Zone 3	UEPLX	$42.24	$44.40	$19.63	$47.76	$49.30	$27.63	NA	$33.99	$27.18
RC - 2- Wire Voice Grade Loop - Zone 4	UEPLX	NA	NA	NA	NA	NA	$36.47	NA	NA	NA
Combination Rates										
RC - 2-Wire Voice Grade Loop with 2-Wire Line Port, Statewide	Note 6	NA	NA	NA	NA	NA	NA	$18.48	NA	NA
RC - 2-Wire Voice Grade Loop with 2-Wire Line Port, Zone 1 (Note 6)	Note 6	$16.66	$15.75	$12.59	$17.40	$16.60	$16.71	NA	$20.71	$17.64
RC - 2-Wire Voice Grade Loop with 2-Wire Line Port, Zone 2 (Note 6)	Note 6	$25.51	$22.13	$14.26	$30.29	$26.69	$21.45	NA	$25.35	$22.69
RC - 2-Wire Voice Grade Loop with 2-Wire Line Port, Zone 3 (Note 6)	Note 6	$44.44	$46.40	$21.62	$50.39	$61.85	$29.75	NA	$37.66	$29.06
RC - 2-Wire Voice Grade Loop with 2-Wire Line Port, Zone 4 (Note 6)	Note 6	NA	NA	NA	NA	NA	$38.59	NA	NA	NA
Nonrecurring Charges										
NRC - 2-Wire Voice Grade Loop/Line Port Combination - 1st, Switch as is	USAC2	$2.60	$1.46	$2.01	$10.00	$3.90	$5.20	$2.77	$1.59	$1.03
NRC - 2-Wire Voice Grade Loop/Line Port Combination - Add't, Switch as is	USAC2	$0.41	$0.93	$0.3108	$10.00	$0.29	$0.41	$0.40	$0.40	$0.2966
NRC - 2-Wire Voice Grade Loop/Line Port Combination - 1st, Switch with change	USACC	$2.60	$1.46	$2.01	$10.00	$3.90	$5.20	$2.77	$1.59	$1.03
NRC - 2-Wire Voice Grade Loop/Line Port Combination - Add't, Switch with change	USACC	$0.41	$0.93	$0.3108	$10.00	$0.29	$0.41	$0.40	$0.40	$0.2965
NRC - 2-Wire Voice Grade Loop/Line Port Combination - Subsequent	USA2	$10.00	$10.00	$10.00	$10.00	$10.00	$10.00	$10.00	$10.00	$10.00
NRC - 2-Wire Voice Grade Loop/Line Port Combination - OSS LSR Charge, Electronic, per LSR received from the CLEC by one of the OSS Interactive Interfaces (Note 7)	SOMEC	$3.50	$3.50	$3.50	$3.50	$3.50	$3.50	$3.50	$3.50	$3.50
NRC - 2-Wire Voice Grade Loop/Line Port Combination - Incremental Cost - Manual Svc.Order vs. Electronic - 1st	SOMAN	$40.71	$19.99	$33.67	$19.99	$31.82	$43.52	$40.18	$43.19	$30.59
NRC - 2-Wire Voice Grade Loop/Line Port Combination - Incremental Cost - Manual Svc.Order vs. Electronic - Add't	SOMAN	$9.58	$19.99	$7.88	$19.99	$7.32	$9.99	$9.45	$9.91	$7.03
NRC - 2 Wire Voice Grade Loop/Line Port Combination - Subsequent Database Update Electronic	TBD	$1.44	TBD	TBD	TBD	$2.11	$2.87	$1.42	$0.71	$0.76

BELLSOUTH/NOLOGY RATES
NETWORK ELEMENTS
AND OTHER SERVICES
LOOP/PORT COMBINATIONS

DESCRIPTION	USOC	AL	FL	GA	KY	LA	MS	NC	SC	TN
NRC - 2 Wire Voice Grade Loop/Line Port Combination - Subsequent Database Update										
Manual Service Order	TBD	$8.25	TBD	TBD	TBD	$5.12	$6.88	$10.27	$8.91	$7.97
NRC - Incremental Manual Service Order Disconnect	TBD	$20.00	$20.00	$20.00	$20.00	$20.00	$20.00	$20.00	$20.00	$20.00
NRCs for New (not Currently Combined) as ordered In Georgia:										
NRC - 2-Wire Voice Grade Loop with 2-Wire Line Port - New - 1st	UEPPL	NA	NA	$22.14	NA	NA	NA	NA	NA	NA
NRC - 2-Wire Voice Grade Loop with 2-Wire Line Port - New - Add'l	UEPPL	NA	NA	$15.25	NA	NA	NA	NA	NA	NA
NRC - 2-Wire Voice Grade Loop with 2-Wire Line Port - New - 1st	UEPRC	NA	NA	$22.14	NA	NA	NA	NA	NA	NA
NRC - 2-Wire Voice Grade Loop with 2-Wire Line Port - New - Add'l	UEPRC	NA	NA	$15.25	NA	NA	NA	NA	NA	NA
NRC - 2-Wire Voice Grade Loop with 2-Wire Line Port - New - 1st	UEPRO	NA	NA	$22.14	NA	NA	NA	NA	NA	NA
NRC - 2-Wire Voice Grade Loop with 2-Wire Line Port - New - Add'l	UEPRO	NA	NA	$15.25	NA	NA	NA	NA	NA	NA
NRC - 2-Wire Voice Grade Loop with 2-Wire Line Port - New - 1st	UEPAP	NA	NA	$22.14	NA	NA	NA	NA	NA	NA
NRC - 2-Wire Voice Grade Loop with 2-Wire Line Port - New - Add'l	UEPAP	NA	NA	$15.25	NA	NA	NA	NA	NA	NA
NRC - 2-Wire Voice Grade Loop with 2-Wire Line Port - New - 1st	UEPBL	NA	NA	$22.14	NA	NA	NA	NA	NA	NA
NRC - 2-Wire Voice Grade Loop with 2-Wire Line Port - New - Add'l	UEPBL	NA	NA	$15.25	NA	NA	NA	NA	NA	NA
NRC - 2-Wire Voice Grade Loop with 2-Wire Line Port - New - 1st	UEPBC	NA	NA	$22.14	NA	NA	NA	NA	NA	NA
NRC - 2-Wire Voice Grade Loop with 2-Wire Line Port - New - Add'l	UEPBC	NA	NA	$15.25	NA	NA	NA	NA	NA	NA
NRC - 2-Wire Voice Grade Loop with 2-Wire Line Port - New - 1st	UEPBO	NA	NA	$22.14	NA	NA	NA	NA	NA	NA
NRC - 2-Wire Voice Grade Loop with 2-Wire Line Port - New - Add'l	UEPBO	NA	NA	$16.25	NA	NA	NA	NA	NA	NA
NRC - 2-Wire Voice Grade Loop with 2-Wire Line Port - New - 1st	UEPB1	NA	NA	$22.14	NA	NA	NA	NA	NA	NA
NRC - 2-Wire Voice Grade Loop with 2-Wire Line Port - New - Add'l	UEPB1	NA	NA	$15.25	NA	NA	NA	NA	NA	NA
NRC - 2-Wire Voice Grade Loop/Line Port Combination - Subsequent	USAS2	NA	NA	$10.00	NA	NA	NA	NA	NA	NA
NRC - 2-Wire Voice Grade Loop with 2-Wire Line Port - New - Disconnect - 1st	TBD	NA	NA	$8.45	NA	NA	NA	NA	NA	NA
NRC - 2-Wire Voice Grade Loop with 2-Wire Line Port - New - Disconnect - Add'l	TBD	NA	NA	$3.91	NA	NA	NA	NA	NA	NA
NRC - 2-Wire Voice Grade Loop/Line Port Combination - OSS LSR Charge, Electronic, per LSR received from the CLEC by one of the OSS interactive interfaces (Note 7)	SOMEC	NA	NA	$9.50	NA	NA	NA	NA	NA	NA
NRC - 2-Wire Voice Grade Loop with 2-Wire Line Port - Incremental Cost Manual vs. Electronic - New - 1st	TBD	NA	NA	$37.06	NA	NA	NA	NA	NA	NA
NRC - 2-Wire Voice Grade Loop with 2-Wire Line Port - Incremental Cost Manual vs. Electronic - New - Add'l	TBD	NA	NA	$8.19	NA	NA	NA	NA	NA	NA
NRC - 2-Wire Voice Grade Loop/Line Port Combination - Subsequent Database Update Electronic	TBD	NA	NA	TBD	NA	NA	NA	NA	NA	NA
NRC - 2-Wire Voice Grade Loop with 2-Wire Line Port - Incremental Cost Manual vs. Electronic - New - Disconnect	TBD	NA	NA	$11.17	NA	NA	NA	NA	NA	NA
2 - Wire Voice Grade Loop - Bus Only with 2 -Wire DID Trunk Port										
2 - Wire Line Port - DID Trunk Port, per month	UEPD1	TBD	$9.60	$11.35	TBD	$13.12	$14.63	$12.12	TBD	$8.78
2-Wire Voice Grade Loop (SL2)										
RC - 2- Wire Voice Grade Loop - Statewide	UECD1	NA	NA	NA	NA	NA	NA	$11.76	NA	NA
RC - 2- Wire Voice Grade Loop - Zone 1	UECD1	$17.95	$18.26	$16.84	$17.27	$17.65	$18.35	NA	$21.57	$15.92
RC - 2- Wire Voice Grade Loop - Zone 2	UECD1	$29.16	$22.34	$18.45	$32.32	$30.32	$24.33	NA	$32.53	$20.79
RC - 2- Wire Voice Grade Loop - Zone 3	UECD1	$52.64	$27.97	$30.92	$55.78	$61.93	$34.77	NA	$43.06	$27.18
RC - 2 - Wire Voice Grade Loop - Zone 4	UECD1	NA	NA	NA	NA	NA	$45.88	NA	NA	NA
Combination Rates										
RC - 2-Wire Voice Grade Loop with 2-Wire DID Port, Statewide	Note 8	NA	NA	NA	NA	NA	NA	$23.79	NA	NA
RC - 2-Wire Voice Grade Loop with 2-Wire DID Port, Zone 1 (Note 6)	Note 8	TBD	$27.66	$29.19	TBD	$30.77	TBD	TBD	TBD	$24.70
RC - 2-Wire Voice Grade Loop with 2-Wire DID Port, Zone 2 (Note 6)	Note 8	TBD	$31.94	$30.80	TBD	$43.44	TBD	TBD	TBD	$29.57
RC - 2-Wire Voice Grade Loop with 2-Wire DID Port, Zone 3 (Note 6)	Note 8	TBD	$37.57	$42.27	TBD	$75.05	TBD	NA	TBD	$35.98
RC - 2-Wire Voice Grade Loop with 2-Wire DID Port, Zone4 (Note 6)	Note 8	NA	NA	NA	NA	NA	NA	NA	NA	NA
NRC - 2-Wire Voice Grade Loop with 2-Wire DID Port - 1st	TBD	TBD	$14.73	$166.06	TBD	NA	TBD	$13.26	TBD	$8.76

BELLSOUTH/NNOLOGY RATES
NETWORK ELEMENTS
AND OTHER SERVICES
LOOP/PORT COMBINATIONS

DESCRIPTION	USOC	AL	FL	GA	KY	LA	MS	NC	SC	TN
NRC - 2-Wire Voice Grade Loop with 2- Wire DID Port - Add	TBD	TBD	$3.76	$140.01	TBD	TBD	TBD	$8.39	TBD	$5.75
NRC - 2-Wire Voice Grade Loop/Line Port Combination - OSS LSR Charge, Electronic, per LSR received from the CLEC by one of the OSS Interactive interfaces (Note 7)	SOMEC	$3.50	$3.50	$3.50	$3.50	$3.50	$3.50	$3.50	$3.50	$3.50
NRC - 2- Wire Voice Grade Loop with 2- Wire DID Port - Incremental Cost- Manual Service Order - 1st	TBD	TBD	TBD	$37.98	TBD	TBD	TBD	$53.80	TBD	$41.43
NRC - 2- Wire Voice Grade Loop with 2- Wire DID Port - Incremental Cost- Manual Service Order - Add	TBD	TBD	TBD	$16.84	TBD	TBD	TBD	$11.34	TBD	$9.80
2- Wire ISDN Digital Grade Loop with 2-wire ISDN Digital Port										
2-wire ISDN Digital Port per per month	UEPPB	$16.42	$13.00	$13.47	$12.33	$23.33	$51.91	$24.37	$33.74	$18.21
2- Wire ISDN Digital Grade Loop										
RC - 2- Wire ISDN Digital Grade Loop - Statewide	USL2X	NA	NA	NA	NA	NA	NA	$19.08	NA	NA
RC - 2- Wire ISDN Digital Grade Loop - Zone 1	USL2X	$20.23	$32.34	$21.99	$23.66	$21.16	$21.86	NA	$26.68	$15.92
RC - 2- Wire ISDN Digital Grade Loop - Zone 2	USL2X	$37.74	$47.35	$25.27	$44.26	$38.32	$28.97	NA	$40.24	$20.79
RC - 2- Wire ISDN Digital Grade Loop - Zone 3	USL2X	$96.38	$104.47	$40.17	$76.42	$74.19	$41.40	NA	$53.29	$27.18
RC - 2- Wire ISDN Digital Grade Loop - Zone 4	USL2X	NA	NA	NA	NA	NA	$53.64	NA	NA	NA
Combination Rates										
RC - 2- Wire ISDN Digital Grade Loop with 2-wire ISDN Digital Port - Statewide	Note 8	NA	NA	NA	NA	NA	NA	$43.45	NA	NA
RC - 2- Wire ISDN Digital Grade Loop with 2-wire ISDN Digital Port - Zone 1	Note 8	$39.65	$45.34	$35.36	$36.99	$44.48	$73.77	NA	$60.42	$34.13
RC - 2- Wire ISDN Digital Grade Loop with 2-wire ISDN Digital Port - Zone 2	Note 8	$54.16	$60.36	$36.74	$56.61	$69.66	$80.78	NA	$73.98	$39.00
RC - 2- Wire ISDN Digital Grade Loop with 2-wire ISDN Digital Port - Zone 3	Note 8	$94.80	$117.47	$53.64	$98.75	$97.62	$93.31	NA	$87.03	$45.39
RC - 2- Wire ISDN Digital Grade Loop with 2-wire ISDN Digital Port - Zone 4	Note 8	NA	NA	NA	NA	NA	$106.56	NA	NA	NA
NRC - 2-Wire ISDN Digital Grade Loop/2-wire ISDN Digital Port - 1st conversion	USAC8	TBD	$3.02	TBD	TBD	TBD	TBD	$174.95	TBD	$117.23
NRC - 2- Wire ISDN Digital Grade Loop/2-wire ISDN Digital Port - Add'l conversion	USAC8	TBD	$2.49	TBD	TBD	TBD	TBD	$174.95	TBD	$117.23
NRC - 2- Wire ISDN Digital Grade Loop/2-wire ISDN Digital Port - Non Feature Subsequent Activity	USAS8	TBD	TBD	TBD	TBD	TBD	TBD	$286.15	TBD	$212.88
NRC - 2- Wire Voice Grade Loop/Line Port Combination - OSS LSR Charge, Electronic, per LSR received from the CLEC by one of the OSS interactive interfaces (Note 7)	SOMEC	$3.50	$3.50	$3.50	$3.50	$3.50	$3.50	$3.50	$3.50	$3.50
4 - Wire DS1 Digital Loop with 4 - Wire ISDN DS1 Digital Trunk Port										
4 - Wire DS1 Digital Trunk Port	UEPPP	$186.02	$125.00	$163.16	$275.48	$194.72	$213.21	$179.01	$214.79	$78.40
4 - Wire DS1 Digital Loop										
RC - 4 - Wire DS1 Digital Loop - Statewide	USL4P	NA	NA	NA	NA	NA	NA	$82.71	NA	NA
RC - 4 - Wire DS1 Digital Loop - Zone 1	USL4P	$51.74	$64.69	$55.53	$50.26	$55.32	$60.99	NA	$59.61	$57.73
RC - 4 - Wire DS1 Digital Loop - Zone 2	USL4P	$84.05	$94.71	$64.13	$84.06	$90.73	$67.58	NA	$69.80	$75.40
RC - 4 - Wire DS1 Digital Loop - Zone 3	USL4P	$152.29	$208.93	$101.93	$162.34	$197.57	$96.58	NA	$119.06	$88.59
RC - 4 - Wire DS1 Digital Loop - Zone 4	USL4P	NA	NA	NA	NA	NA	$127.47	NA	NA	NA
Combination Rates										
RC - 4-Wire DS1 Digital Loop with 4-wire ISDN DS1 Digital Port - Statewide	Note 8	NA	NA	NA	NA	NA	NA	$241.72	NA	NA
RC - 4-Wire DS1 Digital Loop with 4-wire ISDN DS1 Digital Port - Zone 1	Note 8	$237.76	$189.69	$218.69	$325.74	$251.04	$284.20	NA	$274.40	$139.13
RC - 4-Wire DS1 Digital Loop with 4-wire ISDN DS1 Digital Port - Zone 2	Note 8	$270.07	$219.71	$227.29	$399.54	$291.45	$290.79	NA	$304.99	$153.80
RC - 4-Wire DS1 Digital Loop with 4-wire ISDN DS1 Digital Port - Zone 3	Note 8	$338.31	$333.93	$265.09	$437.82	$382.29	$309.79	NA	$333.65	$178.99
RC - 4-Wire DS1 Digital Loop with 4-wire ISDN DS1 Digital Port - Zone 4	Note 8	NA	NA	NA	NA	NA	$340.89	NA	NA	NA
NRC - 4-Wire DS1 Digital Loop with 4-wire ISDN DS1 Digital Port Combination - 1st conversion	USACP	TBD	$2.00	TBD	TBD	TBD	TBD	$481.51	TBD	$328.53
NRC - 4- Wire DS1 Digital Loop with 4-wire ISDN DS1 Digital Port Combination - Add'l conversion	USACP	TBD	$1.22	TBD	TBD	TBD	TBD	$481.51	TBD	$328.53
Subsequent Channel Activation - Per Channel	USASP	TBD	$29.28	TBD	TBD	TBD	TBD	$36.82	TBD	$28.39
NRC - 4-Wire DS1 Digital Loop with 4-wire ISDN DS1 Digital Port Combination - Subsequent Inward/2-way Telephone Numbers	PR7TG	TBD	$0.99	TBD	TBD	TBD	TBD	$1.17	TBD	$0.9353

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DESCRIPTION	USOC	AL	FL	GA	KY	LA	MS	NC	SC	TN
NRC - 4-Wire DS1 Digital Loop with 4-wire ISDN DS1 Digital Port Combination - Subsequent Outward Telephone numbers	PR7TP	TBD	$23.20	TBD	TBD	TBD	TBD	$28.17	TBD	$22.36
NRC - 4-Wire DS1 Digital Loop with 4-wire ISDN DS1 Digital Port Combination - Subsequent Inward Telephone Numbers	PR7ZT	TBD	$48.41	TBD	TBD	TBD	TBD	$56.33	TBD	$44.71
NRC - 4-Wire DS1 Digital Loop with 4-wire ISDN DS1 Digital Port Combination - Subsequent Service Order Per Order	USASP	TBD	TBD	TBD	TBD	TBD	TBD	$265.25	TBD	$169.76
NRC - 2-Wire Voice Grade Loop/Line Port Combination - OSS LSR Charge, Electronic, per LSR received from the CLEC by one of the OSS Interactive Interfaces (Note 7)	SOMEC	$3.50	$3.50	$3.50	$3.50	$3.50	$3.50	$3.50	$3.50	$3.50
4 - Wire DS1 Digital Loop with 4 - Wire DID Trunk Port										
4 - Wire DID Trunk Port	TBD	TBD	$63.85	$120.80	TBD	$149.27	$146.46	$123.52	TBD	$35.55
4 - Wire DS1 Digital Loop										
4 - Wire DS1 Digital Loop - Statewide	TBD	NA	NA	NA	NA	NA	NA	$82.71	NA	NA
4 - Wire DS1 Digital Loop - Zone 1	TBD	$51.74	$64.60	$55.53	$50.26	$56.32	$50.99	NA	$50.61	$57.73
4 - Wire DS1 Digital Loop - Zone 2	TBD	$94.05	$94.71	$94.13	$94.06	$96.73	$67.58	NA	$99.90	$76.40
4 - Wire DS1 Digital Loop - Zone 3	TBD	$152.29	$208.93	$101.93	$162.34	$197.57	$98.58	NA	$119.08	$98.89
4 - Wire DS1 Digital Loop - Zone 4	TBD	NA	NA	NA	NA	NA	$127.47	NA	NA	NA
Combination Rates										
4 - Wire DS1 Digital Loop with 4 - Wire DID Trunk Port - Statewide	Note 8	NA	NA	NA	NA	NA	NA	$186.23	NA	NA
4 - Wire DS1 Digital Loop with 4 - Wire DID Trunk Port - Zone 1	Note 8	TBD	$128.54	$176.33	TBD	$205.59	$197.45	NA	TBD	$93.28
4 - Wire DS1 Digital Loop with 4 - Wire DID Trunk Port - Zone 2	Note 8	TBD	$158.56	$184.93	TBD	$246.00	$214.04	NA	TBD	$110.95
4 - Wire DS1 Digital Loop with 4 - Wire DID Trunk Port - Zone 3	Note 8	TBD	$272.78	$222.73	TBD	$346.84	$243.04	NA	TBD	$134.14
4 - Wire DS1 Digital Loop with 4 - Wire DID Trunk Port - Zone 4	Note 8	NA	NA	NA	NA	NA	$273.93	NA	NA	NA
NRC - 4 - Wire DS1 Digital Loop with 4 - Wire DID Trunk Port - 1st	TBD	TBD	TBD	$519.42	TBD	TBD	TBD	$490.38	TBD	$312.91
NRC - 4 - Wire DS1 Digital Loop with 4 - Wire DID Trunk Port - Add	TBD	TBD	TBD	$320.84	TBD	TBD	TBD	$490.38	TBD	$312.91
NRC - 4 - Wire DS1 Digital Loop with 4 - Wire DID Trunk Port - Subsequent Channel Activation - Per Channel	TBD	TBD	TBD	TBD	TBD	TBD	TBD	$146.91	TBD	$108.67
NRC - 4 - Wire DS1 Digital Loop with 4 - Wire ISDN DS1 Digital Trunk Port - Subsequent Telephone Numbers	TBD	TBD	TBD	TBD	TBD	TBD	TBD	$120.96	TBD	$88.66
NRC - 4 - Wire DS1 Digital Loop with 4 - Wire ISDN DS1 Digital Trunk Port - Subsequent Signaling Changes	TBD	TBD	TBD	TBD	TBD	TBD	TBD	$29.66	TBD	$22.92
NRC - 4 - Wire DS1 Digital Loop with 4 - Wire ISDN DS1 Digital Trunk Port - Subsequent Service Order Per Order	TBD	TBD	TBD	TBD	TBD	TBD	TBD	$127.63	TBD	$84.66
NRC - 4 - Wire DS1 Digital Loop with 4-Wire DID Trunk Port Combination - OSS LSR Charge, Electronic, per LSR received from the CLEC by one of the OSS Interactive Interfaces (Note 7)	SOMEC	$3.50	$3.50	$3.50	$3.50	$3.50	$3.50	$3.50	$3.50	$3.50
NRC - 4-Wire DS1 Digital Loop with 4-Wire DID Trunk Port - Incremental Cost - Manual Service Order - 1st	TBD	.TBD	TBD	$37.66	TBD	TBD	TBD	TBD	TBD	TBD
NRC - 4-Wire DS1 Digital Loop with 4-Wire DID Trunk Port - Incremental Cost - Manual Service Order - Add'l	TBD	TBD	TBD	$16.84	TBD	TBD	TBD	TBD	TBD	TBD
2-Wire Voice Grade Loop with 2-Wire Line Port PBX										
2-Wire Analog Line-Port (PBX), per month:										
2 WIRE VOICE UNBUNDLED COMBINATION 2-WAY PBX TRUNK - Residence	UEPRO	$2.20	$2.00	$1.79	$2.61	$2.55	$2.12	$2.26	$3.69	$1.90
2 WIRE VOICE UNBUNDLED COMBINATION 2-WAY PBX TRUNK - BUSINESS	UEPPC	$2.20	$2.00	$1.79	$2.61	$2.55	$2.12	$2.26	$3.69	$1.90
LINE SIDE UNBUNDLED OUTWARD PBX TRUNK - BUSINESS	UEPPO	$2.20	$2.00	$1.79	$2.61	$2.55	$2.12	$2.26	$3.69	$1.90
LINE-SIDE UNBUNDLED INCOMING PBX TRUNK - BUSINESS	UEPPI	$2.20	$2.00	$1.79	$2.61	$2.55	$2.12	$2.26	$3.69	$1.90
2-WIRE VOICE UNBUNDLED 2-WAY COMBINATION PBX ALABAMA CALLING PORT	UEPA2	$2.20	NA	NA	NA	NA	NA	NA	NA	NA
2-WIRE VOICE UNBUNDLED 2-WAY COMBINATION PBX LOUISIANA CALLING PORT	UEPL2	NA	NA	NA	NA	$2.55	NA	NA	NA	NA
2-WIRE VOICE UNBUNDLED PBX LD TERMINAL PORTS	UEPLD	$2.20	$2.00	$1.79	$2.61	$2.55	$2.12	$2.26	$3.69	$1.90
2-WIRE VOICE UNBUNDLED 2-WAY COMBINATION PBX TENNESSEE CALLING PORT	UEPT2	NA	NA	NA	NA	NA	NA	NA	NA	$1.90
2-WIRE VOICE UNBUNDLED 1-WAY OUTGOING PBX TENNESSEE CALLING PORT	UEPTO	NA	NA	NA	NA	NA	NA	NA	NA	$1.90

BELLSOUTH TECHNOLOGY RATES
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DESCRIPTION	USOC	AL	FL	GA	KY	LA	MS	NC	SC	TN
2-WIRE VOICE UNBUNDLED 2-WAY COMBINATION PBX USAGE PORT	UEPXA	$2.20	$2.00	$1.79	$2.61	$2.55	$2.12	$2.28	$3.69	$1.90
2-WIRE VOICE UNBUNDLED PBX TOLL TERMINAL HOTEL PORTS	UEPXB	$2.20	$2.00	$1.79	$2.61	$2.55	$2.12	$2.28	$3.69	$1.90
2-WIRE VOICE UNBUNDLED PBX LD DDD TERMINALS PORT	UEPXC	$2.20	$2.00	$1.79	$2.61	$2.55	$2.12	$2.28	$3.69	$1.90
2-WIRE VOICE UNBUNDLED PBX LD TERMINAL SWITCHBOARD PORT	UEPXD	$2.20	$2.00	$1.79	$2.61	$2.55	$2.12	$2.28	$3.69	$1.90
2-WIRE VOICE UNBUNDLED PBX LD TERMINAL SWITCHBOARD DDD CAPABLE PORT	UEPXE	$2.20	$2.00	$1.79	$2.61	$2.55	$2.12	$2.28	$3.69	$1.90
2-WIRE VOICE UNBUNDLED PBX KENTUCKY ROOM AREA CALLING PORT WITHOUT LUD	UEPXF	NA	NA	NA	$2.61	NA	NA	NA	NA	NA
2-WIRE VOICE UNBUNDLED PBX KENTUCKY LUD AREA CALLING PORT	UEPXG	NA	NA	NA	$2.61	NA	NA	NA	NA	NA
2-WIRE VOICE UNBUNDLED PBX KENTUCKY PREMIUM CALLING PORT	UEPXH	NA	NA	NA	$2.61	NA	NA	NA	NA	NA
2-WAY VOICE UNBUNDLED 2-WAY KENTUCKY AREA CALLING PORT WITHOUT LUD	UEPXJ	NA	NA	NA	$2.61	NA	NA	NA	NA	NA
2-WIRE VOICE UNBUNDLED PBX LOUISIANA LOCAL OPTIONAL CALLING PORT	UEPXK	NA	NA	NA	NA	$2.55	NA	NA	NA	NA
2-WIRE VOICE UNBUNDLED 2-WAY PBX HOTEL/HOSPITAL ECONOMY ADMINISTRATIVE CALLING PORT	UEPXL	$2.20	$2.00	$1.79	$2.61	$2.55	$2.12	$2.28	$3.69	$1.90
2-WIRE VOICE UNBUNDLED 2-WAY PBX HOTEL/HOSPITAL ECONOMY ROOM CALLING PORT	UEPXM	$2.20	$2.00	$1.79	$2.61	$2.55	$2.12	$2.28	$3.69	$1.90
2-WIRE VOICE UNBUNDLED 1-WAY OUTGOING PBX HOTEL/HOSPITAL ECONOMY ADMINIATRATIVE CALLING PORTTENNESSEE CALLING PORT	UEPXN	NA	NA	NA	$2.61	NA	NA	NA	NA	NA
2-WIRE VOICE UNBUNDLED 1-WAY OUTGOING PBX HOTEL/HOSPITAL DISCOUNT ROOM CALLING PORT	UEPXO	$2.20	$2.00	$1.79	$2.61	$2.55	$2.12	$2.28	$3.69	$1.90
2-WIRE VOICE UNBUNDLED 1-WAY OUTGOING PBX LOUISIANA LOCAL DISCOUNT CALLING PORT	UEPXP	NA	NA	NA	NA	$2.55	NA	NA	NA	NA
2-WIRE VOICE UNBUNDLED 2-WAY PBX MISSISSIPPI LOCAL ECONOMY CALLING PORT	UEPXQ	NA	NA	NA	NA	NA	$2.12	NA	NA	NA
2-WIRE VOICE UNBUNDLED 2-WAY PBX MISSISSIPPI LOCAL OPTIONAL CALLING PORT	UEPXR	NA	NA	NA	NA	NA	$2.12	NA	NA	NA
2-WIRE VOICE UNBUNDLED 1-WAY OUTGOING PBXMEASURED PORT	UEPXS	$2.20	$2.00	$1.79	$2.61	$2.55	$2.12	$2.28	$3.69	$1.90
2-WIRE VOICE UNBUNDLED 2-WAY PBX SOUTH CAROLINA AREA PLUS CALLING PORT	UEPXT	NA	NA	NA	NA	NA	NA	NA	$3.69	NA
2-WIRE VOICE UNBUNDLED PBX COLLIERVILLE & MEMPHIS CALLING PORT	UEPXU	NA	NA	NA	NA	NA	NA	NA	NA	$1.90
2-WIRE VOICE UNBUNDLED 2-WAY PBX TENNESSEE REGIONSERV CALLING PORT	UEPXV	NA	NA	NA	NA	NA	NA	NA	NA	$1.90
LOCAL NUMBER PORTABILITY (REQUIRES ONE PER PORT)	LNPCP									
2-Wire Voice Grade Loop (SL1)										
RC - 2 - Wire Voice Grade Loop - Statewide	UEPLX	NA	NA	NA	NA	NA	NA	$14.18	NA	NA
RC - 2 - Wire Voice Grade Loop - Zone 1	UEPLX	$14.35	$13.75	$10.80	$14.79	$14.05	$14.59	NA	$17.02	$15.92
RC - 2 - Wire Voice Grade Loop - Zone 2	UEPLX	$23.31	$20.13	$12.47	$27.68	$24.14	$19.33	NA	$25.66	$20.79
RC - 2 - Wire Voice Grade Loop - Zone 3	UEPLX	$42.24	$44.40	$19.83	$47.78	$49.20	$27.63	NA	$33.99	$27.18
RC - 2 - Wire Voice Grade Loop - Zone 4	UEPLX	NA	NA	NA	NA	NA	$36.47	NA	NA	NA
Combination Rates										
RC - 2-Wire Voice Grade Loop/Line Port Combination - 1st, Switch as is, Statewide	Note 6	NA	NA	NA	NA	NA	NA	$16.46	NA	NA
RC - 2-Wire Voice Grade Loop/Line Port Combination with 2-Wire Line Port, Zone 1 (Note 6)	Note 6	$16.55	$15.75	$12.59	$14.79	$16.60	$16.71	NA	$20.71	$17.84
RC - 2-Wire Voice Grade Loop/Line Port Combination with 2-Wire Line Port, Zone 2 (Note 6)	Note 6	$25.51	$22.13	$14.26	$27.68	$26.69	$21.45	NA	$29.35	$22.69
RC - 2-Wire Voice Grade Loop/Line Port Combination with 2-Wire Line Port, Zone 3 (Note 6)	Note 6	$44.44	$46.40	$21.62	$47.78	$51.65	$29.75	NA	$37.66	$29.06
RC - 2-Wire Voice Grade Loop/Line Port Combination with 2-Wire Line Port, Zone 4 (Note 6)	Note 6	NA	NA	NA	NA	NA	$38.59	NA	NA	NA
Nonrecurring Charges										
NRC - 2-Wire Voice Grade Loop/Line Port Combination - 1st, Switch as is	USAC2	$2.80	$1.46	$2.01	$10.00	$3.90	$5.20	$2.77	$1.59	$1.03
NRC - 2-Wire Voice Grade Loop/Line Port Combination - Add'l, Switch as is	USAC2	$0.41	$0.93	$0.3108	$10.00	$0.29	$0.41	$0.40	$0.40	$0.2866
NRC - 2-Wire Voice Grade Loop/Line Port Combination - 1st, Switch with change	USACC	$2.80	$1.46	$2.01	$10.00	$3.90	$5.20	$2.77	$1.59	$1.03
NRC - 2-Wire Voice Grade Loop/Line Port Combination - Add'l, Switch with change	USACC	$0.41	$0.93	$0.3108	$10.00	$0.29	$0.41	$0.40	$0.40	$0.2866

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DESCRIPTION	USOC	AL	FL	GA	KY	LA	MS	NC	SC	TN
NRC - 2-Wire Voice Grade Loop/Line Port Combination - Subsequent	USAS2	$10.00	$10.00	$10.00	$10.00	$10.00	$10.00	$10.00	$10.00	$10.00
NRC - 2-Wire Voice Grade Loop/Line Port Combination - OSS LSR Charge, Electronic, per LSR received from the CLEC by one of the OSS Interactive Interfaces (Note 7)	SOMEC	$3.50	$3.50	$3.50	$3.50	$3.50	$3.50	$3.50	$3.50	$3.50
NRC - 2-Wire Voice Grade Loop/Line Port Combination - Incremental Cost - Manual Svc.Order vs. Electronic - 1st	SOMAN	$40.71	$19.99	$33.57	$19.99	$31.92	$43.52	$40.18	$43.19	$30.69
NRC - 2-Wire Voice Grade Loop/Line Port Combination - Incremental Cost - Manual Svc.Order vs. Electronic - Add'l	SOMAN	$9.58	$19.99	$7.88	$19.99	$7.32	$0.99	$9.45	$9.91	$7.03
NRC- 2 Wire Voice Grade Loop/Line Port Combination - Subsequent Database Update Electronic	TBD	$1.44	TBD	TBD	TBD	$2.11	$2.87	$1.42	$0.71	$0.75
NRC- 2 Wire Voice Grade Loop/Line Port Combination - Subsequent Database Update Manual Service Order	TBD	$8.25	TBD	TBD	TBD	$5.12	$6.88	$10.27	$8.91	$7.97
NRC - Incremental Manual Service Order Disconnect	TBD	$20.00	$20.00	$20.00	$20.00	$20.00	$20.00	$20.00	$20.00	$20.00
NRCs for New (not Currently Combined) as ordered In Georgia:										
NRC - 2-Wire Voice Grade Loop with 2-Wire Line Port - New - 1st	UEPPD	NA	NA	$22.14	NA	NA	NA	NA	NA	NA
NRC - 2-Wire Voice Grade Loop with 2-Wire Line Port - New - Add'l	UEPPD	NA	NA	$15.25	NA	NA	NA	NA	NA	NA
NRC - 2-Wire Voice Grade Loop with 2-Wire Line Port - New - 1st	UEPPC	NA	NA	$22.14	NA	NA	NA	NA	NA	NA
NRC - 2-Wire Voice Grade Loop with 2-Wire Line Port - New - Add'l	UEPPC	NA	NA	$15.25	NA	NA	NA	NA	NA	NA
NRC - 2-Wire Voice Grade Loop with 2-Wire Line Port - New - 1st	UEPPO	NA	NA	$22.14	NA	NA	NA	NA	NA	NA
NRC - 2-Wire Voice Grade Loop with 2-Wire Line Port - New - Add'l	UEPPO	NA	NA	$16.25	NA	NA	NA	NA	NA	NA
NRC - 2-Wire Voice Grade Loop with 2-Wire Line Port - New - 1st	UEPP1	NA	NA	$22.14	NA	NA	NA	NA	NA	NA
NRC - 2-Wire Voice Grade Loop with 2-Wire Line Port - New - Add'l	UEPP1	NA	NA	$15.25	NA	NA	NA	NA	NA	NA
NRC - 2-Wire Voice Grade Loop with 2-Wire Line Port - New - 1st	UEPLD	NA	NA	$22.14	NA	NA	NA	NA	NA	NA
NRC - 2-Wire Voice Grade Loop with 2-Wire Line Port - New - Add'l	UEPLD	NA	NA	$15.25	NA	NA	NA	NA	NA	NA
NRC - 2-Wire Voice Grade Loop with 2-Wire Line Port - New - 1st	UEPXA	NA	NA	$22.14	NA	NA	NA	NA	NA	NA
NRC - 2-Wire Voice Grade Loop with 2-Wire Line Port - New - Add'l	UEPXA	NA	NA	$15.25	NA	NA	NA	NA	NA	NA
NRC - 2-Wire Voice Grade Loop with 2-Wire Line Port - New - 1st	UEPXB	NA	NA	$22.14	NA	NA	NA	NA	NA	NA
NRC - 2-Wire Voice Grade Loop with 2-Wire Line Port - New - Add'l	UEPXB	NA	NA	$16.25	NA	NA	NA	NA	NA	NA
NRC - 2-Wire Voice Grade Loop with 2-Wire Line Port - New - 1st	UEPXC	NA	NA	$22.14	NA	NA	NA	NA	NA	NA
NRC - 2-Wire Voice Grade Loop with 2-Wire Line Port - New - Add'l	UEPXC	NA	NA	$15.25	NA	NA	NA	NA	NA	NA
NRC - 2-Wire Voice Grade Loop with 2-Wire Line Port - New - 1st	UEPXD	NA	NA	$22.14	NA	NA	NA	NA	NA	NA
NRC - 2-Wire Voice Grade Loop with 2-Wire Line Port - New - Add'l	UEPXD	NA	NA	$15.25	NA	NA	NA	NA	NA	NA
NRC - 2-Wire Voice Grade Loop with 2-Wire Line Port - New - 1st	UEPXE	NA	NA	$22.14	NA	NA	NA	NA	NA	NA
NRC - 2-Wire Voice Grade Loop with 2-Wire Line Port - New - Add'l	UEPXE	NA	NA	$15.25	NA	NA	NA	NA	NA	NA
NRC - 2-Wire Voice Grade Loop with 2-Wire Line Port - New - 1st	UEPXL	NA	NA	$22.14	NA	NA	NA	NA	NA	NA
NRC - 2-Wire Voice Grade Loop with 2-Wire Line Port - New - Add'l	UEPXL	NA	NA	$15.25	NA	NA	NA	NA	NA	NA
NRC - 2-Wire Voice Grade Loop with 2-Wire Line Port - New - 1st	UEPXM	NA	NA	$22.14	NA	NA	NA	NA	NA	NA
NRC - 2-Wire Voice Grade Loop with 2-Wire Line Port - New - Add'l	UEPXM	NA	NA	$16.25	NA	NA	NA	NA	NA	NA
NRC - 2-Wire Voice Grade Loop with 2-Wire Line Port - New - 1st	UEPXO	NA	NA	$22.14	NA	NA	NA	NA	NA	NA
NRC - 2-Wire Voice Grade Loop with 2-Wire Line Port - New - Add'l	UEPXO	NA	NA	$15.25	NA	NA	NA	NA	NA	NA
NRC - 2-Wire Voice Grade Loop with 2-Wire Line Port - New - 1st	UEPXS	NA	NA	$22.14	NA	NA	NA	NA	NA	NA
NRC - 2-Wire Voice Grade Loop with 2-Wire Line Port - New - Add'l	UEPXS	NA	NA	$15.25	NA	NA	NA	NA	NA	NA
NRC - 2-Wire Voice Grade Loop/Line Port Combination - Subsequent	USAS2	NA	NA	$10.00	NA	NA	NA	NA	NA	NA
NRC - 2-Wire Voice Grade Loop with 2-Wire Line Port - New - Disconnect - 1st	TBD	NA	NA	$8.45	NA	NA	NA	NA	NA	NA
NRC - 2-Wire Voice Grade Loop with 2-Wire Line Port - New - Disconnect - Add'l	TBD	NA	NA	$3.91	NA	NA	NA	NA	NA	NA
NRC - 2-Wire Voice Grade Loop/Line Port Combination - OSS LSR Charge, Electronic, per LSR received from the CLEC by one of the OSS Interactive Interfaces (Note 7)	SOMEC	NA	NA	$3.50	NA	NA	NA	NA	NA	NA
NRC - 2-Wire Voice Grade Loop with 2-Wire Line Port - Incremental Cost Manual vs. Electronic - New - 1st	TBD	NA	NA	$37.06	NA	NA	NA	NA	NA	NA
NRC - 2-Wire Voice Grade Loop with 2-Wire Line Port - Incremental Cost Manual vs. Electronic - New - Add'l	TBD	NA	NA	$8.19	NA	NA	NA	NA	NA	NA

BELLSOUTH TECHNOLOGY RATES
NETWORK ELEMENTS
AND OTHER SERVICES
LOOP/PORT COMBINATIONS

DESCRIPTION	USOC	AL	FL	GA	KY	LA	MS	NC	SC	TN
NRC - 2 Wire Voice Grade Loop/Line Port Combination - Subsequent Database Update Electronic:	TBD	NA	NA	TBD	NA	NA	NA	NA	NA	NA
NRC - 2 Wire Voice Grade Loop/Line Port Combination - Subsequent Database Update Manual Service Order	TBD	NA	NA	TBD	NA	NA	NA	NA	NA	NA
NRC - 2-Wire Voice Grade Loop with 2-Wire Line Port - Incremental Cost Manual vs. Electronic - New - Disconnect	TBD	NA	NA	$11.17	NA	NA	NA	NA	NA	NA
All Other Loop/Port Combinations	TBD	TBD	TBD	Note 2	TBD	TBD	TBD	TBD	TBD	TBD
LOCAL NUMBER PORTABILITY (REQUIRES ONE PER PORT)	LNPCX									

NOTES:

1. Market Rates will apply in those areas where BellSouth is not required to provide circuit switching pursuant to FCC rules.

2. In Georgia, rates will apply for Currently Combined as well as not Currently Combined loop/port combinations unless otherwise identified.

3. In the absence of ordered rates by a State Commission, the recurring rates for Currently Combined combinations of loop/port network elements will be the sum of the recurring rates for the UNEs which make up the combinations, and the nonrecurring rates shall be as set forth in this section.

4. End Office and Tandem Switching Usage and Common Transport Usage rates in the Port section of this rate exhibit shall apply to all combinations of loop/port network elements.

5. Deleted

6. Effective May 1, 2000 statewide rates will be replaced by Deaveraged Loop Rates by Zone where available. Until approximately December 31, 2000 or until such time that BellSouth billing systems have been developed to handle the new zone rate structure, BellSouth will bill at the Zone 1 Deaveraged Loop rate level only. After December 31, 2000 or such time that the billing systems have been developed to handle the new zone rate structure, BellSouth will begin billing pursuant to CLEC-13 interconnection agreement.

7. In the absence of ordered OSS rates by a state commission, BellSouth will offer regionwide rates

8. There is not a unique combination USOC. CLEC should submit the loop and port USOCs.

BELLSOUTH/KMC RATES
NETWORK ELEMENTS
AND OTHER SERVICES
ENHANCED EXTENDED LINKS

	USOC	AL	FL	GA	KY	LA	MS	NC	SC	TN
ENHANCED EXTENDED LINKS (EELs)										
New EEL rates are the sum of the Individual UNE network elements [interoffice transport and loop (channelization if applicable)].										
DS1 Interoffice Channel and 2-wire VG Local Loop EEL:										
Recurring Charges										
2-wire VG Loop per month, statewide	UEAL2	NA	$17.00	$16.51	NA	$19.35	NA	$19.50	NA	$18.00
2-wire VG Loop per month, Zone 1 (Note 1)	TBD	NA	$13.75	$16.84	NA	$17.65	NA	TBD	NA	$15.92
2-wire VG Loop per month, Zone 2 (Note 1)	TBD	NA	$20.13	$19.45	NA	$30.32	NA	TBD	NA	$20.79
2-wire VG Loop per month, Zone 3 (Note 1)	NA	NA	$44.40	$30.92	NA	$61.93	NA	TBD	NA	$27.18
2-wire VG Loop per month, Zone 4 (Note 1)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Interoffice Channel - Dedicated - DS1 - per mile per month	1L5XX	NA	$0.2035	$0.31	NA	$0.78	NA	$0.78	NA	$0.35
Interoffice Channel - Dedicated - DS1 - Facility Termination per month	U1TF1	NA	$93.31	$63.39	NA	$93.40	NA	$93.40	NA	$75.83
DS1 Channelized System per month	MQ1	NA	$154.74	$127.60	NA	$209.87	NA	$209.87	NA	$165.21
VG (COCI) Interface card per month	1D1VG	NA	$1.46	$1.18	NA	$1.62	NA	$1.62	NA	$1.25
Non-Recurring Charges - New EEL (Note 2)(Note 3)										
NRC- DS1 Interoffice Facility Termination - 1st	U1TF1	NA	$370.81	$169.57	NA	$160.49	NA	$217.17	NA	$165.53
NRC-DS1 Interoffice Facility Termination - Add'l	U1TF1	NA	$247.73	$112.77	NA	$123.03	NA	$183.75	NA	$124.84
NRC-2-wire VG Local Loop - 1st	UEAL2	NA	$271.29	$122.51	NA	$128.42	NA	$142.97	NA	$103.76
NRC-2-wire VG Local Loop - Add'l	UEAL2	NA	$104.90	$61.48	NA	$93.60	NA	$108.56	NA	$65.84
NRC-DS1 Channelization System -1st	MQ1	NA	$127.67	$138.85	NA	$220.07	NA	$193.63	NA	$222.87
NRC-DS1 Channelization System - Add'l	MQ1	NA	$29.75	$92.34	NA	$135.20	NA	$118.37	NA	$135.80
NRC-VG(COCI)interface card -1st	1D1VG	NA	$12.26	$12.15	NA	$12.29	NA	$15.76	NA	$12.61
NRC-VG(COCI)interface card - Add'l	1D1VG	NA	$8.84	$8.76	NA	$8.80	NA	$11.28	NA	$9.03
NRC- 2-wire VG Local Loop and Channelized DS1 Interoffice Combination - E	SOMEC	NA	$3.20	$3.50	NA	$3.50	NA	$3.50	NA	$3.50
NRC- 2-wire VG Local Loop and Channelized DS1 Interoffice Combination - N	SOMAN	NA	$25.60	NA	NA	NA	NA	$86.20	NA	$19.99
NRC- 2-wire VG Local Loop and Channelized DS1 Interoffice Combination - N	SOMAN	NA	NA	$34.00	NA	$242.20	NA	$51.40	NA	NA
NRC- 2-wire VG Local Loop and Channelized DS1 Interoffice Combination - N	SOMAN	NA	NA	$27.79	NA	$153.37	NA	NA	NA	NA
NRC- 2-wire VG Local Loop and Channelized DS1 Interoffice Combination - N	SOMAN	NA	NA	$20.10	NA	$45.91	NA	NA	NA	NA
NRC- 2-wire VG Local Loop and Channelized DS1 Interoffice Combination - N	SOMAN	NA	NA	$11.98	NA	$8.06	NA	NA	NA	NA
DS1 Interoffice Channel and 4-wire VG Local Loop EEL:										
Recurring Charges										
4-wire VG Loop per month, statewide	UEAL4	NA	$30.00	$25.88	NA	$31.52	NA	$27.49	NA	$18.00
4-wire VG Loop per month, Zone 1 (Note 1)	TBD	NA	$24.26	$22.26	NA	$24.36	NA	NA	NA	$15.92
4-wire VG Loop per month, Zone 2 (Note 1)	TBD	NA	$35.51	$78.35	NA	$41.85	NA	NA	NA	$20.79
4-wire VG Loop per month, Zone 3 (Note 1)	NA	NA	$78.35	$0.00	NA	$86.47	NA	NA	NA	$27.18
4-wire VG Loop per month, Zone 4 (Note 1)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Interoffice Channel - Dedicated - DS1 - per mile per month	1L5XX	NA	$0.2035	$0.31	NA	$0.78	NA	$0.08	NA	$0.35
Interoffice Channel - Dedicated - DS1 - Facility Termination per month	U1TF1	NA	$93.31	$63.39	NA	$93.40	NA	$71.29	NA	$75.83
DS1 Channelized System per month	MQ1	NA	$154.74	$18.23	NA	$209.87	NA	$177.72	NA	$165.21
VG (COCI) Interface card per month	1D1VG	NA	$1.46	$2.67	NA	$1.62	NA	$1.64	NA	$1.25
Non-Recurring Charges - New EEL (Note 2) (Note 3)										
NRC-DS1 Interoffice Facility Termination - 1st	U1TF1	NA	$370.81	$169.57	NA	$160.49	NA	$534.48	NA	$165.53
NRC-DS1 Interoffice Facility Termination - Add'l	U1TF1	NA	$247.73	$112.77	NA	$123.03	NA	$462.69	NA	$124.84
NRC-4-wire VG Local Loop - 1st	UEAL4	NA	$271.29	$275.61	NA	$128.42	NA	$288.47	NA	$103.76
NRC-4-wire VG Local Loop - Add'l	UEAL4	NA	$104.90	$225.78	NA	$93.60	NA	$237.45	NA	$65.84
NRC-DS1 Channelization System -1st	MQ1	NA	$127.67	$138.85	NA	$220.07	NA	$301.74	NA	$222.87
NRC-DS1 Channelization System - Add'l	MQ1	NA	$29.75	$92.34	NA	$135.20	NA	$182.57	NA	$135.80
NRC-VG(COCI)interface card -1st	1D1VG	NA	$12.26	$12.15	NA	$12.29	NA	$15.76	NA	$12.61

BELLSOUTH/KNOLOGY RATES
NETWORK ELEMENTS
AND OTHER SERVICES
ENHANCED EXTENDED LINKS

Description	Code									
New EEL rates are the sum of the individual UNE network elements										
(interoffice transport and loop [channelization if applicable].										
NRC-VG(COCI)interface card - Add'l	1D1VG	NA	$8.84	$8.78	NA	$8.80	NA	$11.28	NA	$9.03
NRC-DS1 Interoffice channel and 4-wire VG Local Loop Combination - Electr	SOMEC	NA	$3.20	$3.50	NA	$3.50	NA	$3.50	NA	$3.50
NRC-DS1 Interoffice channel and 4-wire VG Local Loop Combination - Manu	SOMAN	NA	$25.60	NA	NA	NA	NA	NA	NA	$19.99
NRC-DS1 Interoffice channel and 4-wire VG Local Loop Combination - Manu	SOMAN	NA	NA	$30.42	NA	$242.20	NA	$66.20	NA	NA
NRC-DS1 Interoffice channel and 4-wire VG Local Loop Combination - Manu	SOMAN	NA	NA	$18.76	NA	$153.37	NA	$51.40	NA	NA
NRC-DS1 Interoffice channel and 4-wire VG Local Loop Combination - Manu	SOMAN	NA	NA	$12.15	NA	$45.91	NA	NA	NA	NA
NRC-DS1 Interoffice channel and 4-wire VG Local Loop Combination - Manu	SOMAN	NA	NA	$8.76	NA	$8.06	NA	NA	NA	NA
DS1 Interoffice Channel and 2-wire ISDN Local Loop:										
Recurring Charges										
2-wire ISDN Loop per month, statewide	U1L2X	NA	$40.00	$25.43	NA	$27.36	NA	$24.96	NA	$18.00
2-wire ISDN Loop per month, Zone 1 (Note 1)	TBD	NA	$32.34	$21.89	NA	$21.15	NA	TBD	NA	$15.54
2-wire ISDN Loop per month, Zone 2 (Note 1)	TBD	NA	$47.35	$25.27	NA	$36.22	NA	TBD	NA	$19.55
2-wire ISDN Loop per month, Zone 3 (Note 1)	TBD	NA	$104.47	$40.17	NA	$74.19	NA	TBD	NA	$28.02
2-wire ISDN Loop per month, Zone 4 (Note 1)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Interoffice Channel - Dedicated - DS1 - per mile per month	1L5XX	NA	$0.2035	$0.31	NA	$0.78	NA	$0.08	NA	$0.35
Interoffice Channel - Dedicated - DS1 - Facility Termination per month	U1TF1	NA	$93.31	$63.39	NA	$93.40	NA	$71.29	NA	$75.83
DS1 Channelized System per month	MQ1	NA	$154.74	$127.60	NA	$209.87	NA	$177.72	NA	$165.21
2-wire ISDN(BRITE COCI) per month	UC1CA	NA	$3.86	$3.41	NA	$4.18	NA	$3.76	NA	$3.33
Non-Recurring Charges - New EEL (Note 2)(Note 3)										
NRC-DS1 Interoffice Facility Termination - 1st	U1TF1	NA	$370.81	$169.57	NA	$160.49	NA	$217.17	NA	$165.53
NRC-DS1 Interoffice Facility Termination - Add'l	U1TF1	NA	$247.73	$112.77	NA	$123.03	NA	$163.75	NA	$124.84
NRC- 2-wire ISDN Local Loop - 1st	U1L2X	NA	$271.29	$122.51	NA	$223.27	NA	$325.91	NA	$58.50
NRC- 2-wire ISDN Local Loop - Add'l	U1L2X	NA	$104.90	$81.48	NA	$172.63	NA	$251.31	NA	$31.00
NRC-DS1 Channelization System -1st	MQ1	NA	$127.67	$138.85	NA	$220.07	NA	$301.74	NA	$222.87
NRC-DS1 Channelization System - Add'l	MQ1	NA	$29.75	$92.34	NA	$136.20	NA	$182.57	NA	$135.80
NRC-2-wire BRITE(COCI)interface card - 1st	UC1CA	NA	$12.26	$12.15	NA	$12.29	NA	$15.76	NA	$12.61
NRC-2-wire BRITE(COCI)interface card -Add'l	UC1CA	NA	$8.84	$8.76	NA	$8.80	NA	$11.28	NA	$9.03
NRC-DS1 Interoffice channel and 2-wire ISDN Local Loop Combination - Elec	SOMEC	NA	$3.20	$3.50	NA	$3.50	NA	$3.50	NA	$3.50
NRC-DS1 Interoffice channel and 2-wire ISDN Local Loop Combination - Mar	SOMAN	NA	$25.60	NA	NA	NA	NA	NA	NA	$19.99
NRC-DS1 Interoffice channel and 2-wire ISDN Local Loop Combination - Mar	SOMAN	NA	NA	$34.00	NA	$57.58	NA	$38.07	NA	NA
NRC-DS1 Interoffice channel and 2-wire ISDN Local Loop Combination - Mar	SOMAN	NA	NA	$27.79	NA	$36.31	NA	$38.07	NA	NA
NRC-DS1 Interoffice channel and 2-wire ISDN Local Loop Combination - Mar	SOMAN	NA	NA	$20.10	NA	$16.12	NA	NA	NA	NA
NRC-DS1 Interoffice channel and 2-wire ISDN Local Loop Combination - Mar	SOMAN	NA	NA	$11.98	NA	$8.06	NA	NA	NA	NA
DS1 Interoffice Channel and 4-wire 56 kbps Local Loop:										
Recurring Charges										
4-wire 56kbps Loop per month, statewide	UD1.56	NA	$48.33	$29.92	NA	$35.58	NA	$32.67	NA	$42.23
4-wire 56kbps Loop per month, Zone 1 (Note 1)	TBD	NA	$39.08	$25.75	NA	$27.50	NA	TBD	NA	$36.45
4-wire 56kbps Loop per month, Zone 2 (Note 1)	TBD	NA	$57.21	$29.74	NA	$47.24	NA	TBD	NA	$45.87
4-wire 56kbps Loop per month, Zone 3 (Note 1)	TBD	NA	$126.22	$47.27	NA	$86.48	NA	TBD	NA	$66.75
4-wire 56kbps Loop per month, Zone 4 (Note 1)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Interoffice Channel - Dedicated - DS1 - per mile per month	1L5XX	NA	$0.2035	$0.31	NA	$0.78	NA	$0.08	NA	$0.35
Interoffice Channel - Dedicated - DS1 - Facility Termination per month	U1TF1	NA	$93.31	$63.39	NA	$93.40	NA	$71.29	NA	$75.83
DS1 Channelized System per month	MQ1	NA	$154.74	$18.23	NA	$209.87	NA	$177.72	NA	$165.21
4-wire 56kbps card COCI per month	1D1DD	NA	$2.22	$1.06	NA	$3.12	NA	$2.88	NA	$2.46
Non-Recurring Charges - New EEL (Note 2) (Note 3)										
NRC- DS1 Interoffice Facility Termination - 1st	U1TF1	NA	$370.81	$169.57	NA	$160.49	NA	$217.17	NA	$165.53

BELLSOUTH/TECHNOLOGY RATES
NETWORK ELEMENTS
AND OTHER SERVICES
ENHANCED EXTENDED LINKS

Description	Code									
New EEL rates are the sum of the Individual UNE network elements [Interoffice transport and loop (channelization if applicable)].										
NRC-DS1 Interoffice Facility Termination - Add'l	U1TF1	NA	$247.73	$112.77	NA	$123.03	NA	$163.75	NA	$124.84
NRC-4-wire 56kbps Local Loop - 1st	UDL56	NA	$271.29	$443.58	NA	$333.28	NA	$489.04	NA	$643.00
NRC-4-wire 56kbps Local Loop - Add'l	UDL56	NA	$104.90	$269.01	NA	$230.50	NA	$337.51	NA	$421.26
NRC-DS1 Channelization System -1st	MQ1	NA	$127.67	$138.85	NA	$220.07	NA	$301.74	NA	$222.87
NRC-DS1 Channelization System - Add'l	MQ1	NA	$29.75	$92.34	NA	$135.20	NA	$182.57	NA	$135.80
NRC-4-wire 56kbps(COC)interface card -1st	1D1DD	NA	$12.26	$12.15	NA	$12.29	NA	$15.76	NA	$12.61
NRC-4-wire 56kbps(COC)interface card -Add'l	1D1DD	NA	$8.84	$8.76	NA	$8.80	NA	$11.28	NA	$9.03
NRC-DS1 Interoffice channel and 4-wire 56kbps Local Loop Combination - E	SOMEC	NA	$3.20	$3.50	NA	$3.50	NA	$3.50	NA	$3.50
NRC-DS1 Interoffice channel and 4-wire 56kbps Local Loop Combination - M	SOMAN	NA	$25.60	NA	NA	NA	NA	NA	NA	$19.99
NRC-DS1 Interoffice channel and 4-wire 56kbps Local Loop Combination - M	SOMAN	NA	NA	$34.00	NA	$242.20	NA	$38.07	NA	NA
NRC-DS1 Interoffice channel and 4-wire 56kbps Local Loop Combination - M	SOMAN	NA	NA	$27.79	NA	$153.37	NA	$38.07	NA	NA
NRC-DS1 Interoffice channel and 4-wire 56kbps Local Loop Combination - M	SOMAN	NA	NA	$20.10	NA	$45.91	NA	NA	NA	NA
NRC-DS1 Interoffice channel and 4-wire 56kbps Local Loop Combination - M	SOMAN	NA	NA	$11.98	NA	$8.06	NA	NA	NA	NA
DS1 Interoffice Channel and 4-wire 64 kbps Local Loop:										
Recurring Charges										
4-wire 64kbps Loop per month, statewide	UDL64	NA	$48.33	$29.92	NA	NA	NA	$32.67	NA	$42.23
4-wire 64kbps Loop per month, Zone 1 (Note 1)	TBD	NA	$39.08	$25.75	NA	$27.50	NA	TBD	NA	$36.45
4-wire 64kbps Loop per month, Zone 2 (Note 1)	TBD	NA	$57.21	$29.74	NA	$47.24	NA	TBD	NA	$45.87
4-wire 64kbps Loop per month, Zone 3 (Note 1)	TBD	NA	$126.22	$47.27	NA	$96.48	NA	TBD	NA	$65.75
4-wire 64kbps Loop per month, Zone 4 (Note 1)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Interoffice Channel - Dedicated - DS1 - per mile per month	1L5XX	NA	$0.2035	$0.31	NA	$0.78	NA	$0.08	NA	$0.35
Interoffice Channel - Dedicated - DS1 - Facility Termination per month	U1TF1	NA	$83.31	$63.39	NA	$83.40	NA	$71.29	NA	$75.83
DS1 Channelized System per month	MQ1	NA	$154.74	$18.23	NA	$209.67	NA	$177.72	NA	$165.21
4-wire 64kbps card COCI per month	1D1DD	NA	$1.06	$1.06	NA	$3.12	NA	$2.88	NA	$2.46
Non-Recurring Charges - New EEL (Note 2) (Note 3)										
NRC- DS1 Interoffice - 1st	U1TF1	NA	$370.61	$169.57	NA	$160.49	NA	$217.17	NA	$165.53
NRC- DS1 Interoffice - Add'l	U1TF1	NA	$247.73	$112.77	NA	$123.03	NA	$163.75	NA	$124.84
NRC-4-wire 64kbps Local Loop - 1st	UDL64	NA	$271.29	$443.58	NA	$333.28	NA	$489.04	NA	$103.76
NRC-4-wire 64kbps Local Loop - Add'l	UDL64	NA	$104.90	$269.01	NA	$230.50	NA	$397.51	NA	$65.84
NRC-DS1 Channelization System -1st	MQ1	NA	$127.67	$138.85	NA	$220.07	NA	$301.74	NA	$222.87
NRC-DS1 Channelization System - Add'l	MQ1	NA	$29.75	$92.34	NA	$135.20	NA	$288.33	NA	$135.80
NRC-4-wire 64kbps(COC)interface card -1st	1D1DD	NA	$12.26	$12.15	NA	$12.29	NA	$15.76	NA	$12.61
NRC-4-wire 64kbps(COC)interface card -Add'l	1D1DD	NA	$8.84	$8.76	NA	$8.80	NA	$11.28	NA	$9.03
NRC-DS1 Interoffice channel and 4-wire 64kbps Local Loop Combination - E	SOMEC	NA	$3.20	$3.50	NA	$3.50	NA	$3.50	NA	$3.50
NRC-DS1 Interoffice channel and 4-wire 64kbps Local Loop Combination - M	SOMAN	NA	$25.60	NA	NA	NA	NA	NA	NA	$19.99
NRC-DS1 Interoffice channel and 4-wire 64kbps Local Loop Combination - M	SOMAN	NA	NA	$34.00	NA	$242.20	NA	$38.07	NA	NA
NRC-DS1 Interoffice channel and 4-wire 64kbps Local Loop Combination - M	SOMAN	NA	NA	$27.79	NA	$153.37	NA	$38.07	NA	NA
NRC-DS1 Interoffice channel and 4-wire 64kbps Local Loop Combination - M	SOMAN	NA	NA	$20.10	NA	$45.91	NA	NA	NA	NA
NRC-DS1 Interoffice channel and 4-wire 64kbps Local Loop Combination - M	SOMAN	NA	NA	$11.98	NA	$8.06	NA	NA	NA	NA
DS1 Interoffice Channel and DS1 Interoffice Local Loop:										
Recurring Charges										
DS1 Loop per month, State wide	USLXX	NA	$80.00	$64.52	NA	$72.86	NA	$62.78	NA	NA
DS1 Loop per month, Zone 1 (Note 1)	TBD	NA	$64.89	$55.53	NA	$56.32	NA	TBD	NA	NA
DS1 Loop per month, Zone 2 (Note 1)	TBD	NA	$94.71	$64.13	NA	$98.73	NA	TBD	NA	NA
DS1 Loop per month, Zone 3 (Note 1)	TBD	NA	$208.93	$101.93	NA	$197.57	NA	TBD	NA	NA
DS1 Loop per month, Zone 4 (Note 1)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Interoffice Channel - Dedicated - DS1 - per mile per month	1L5XX	NA	$0.2035	$0.31	NA	$0.78	NA	$0.08	NA	$0.06

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Description	Code									
New EEL rates are the sum of the individual UNE network elements										
(Interoffice transport and loop [channelization if applicable].										
Interoffice Channel - Dedicated - DS1 - Facility Termination per month	U1TF1	NA	$93.31	$63.39	NA	$93.40	NA	$71.29	NA	NA
Non-Recurring Charges - New EEL (Note 2) (Note 3)										
NRC- DS1 Interoffice - 1st	U1TF1	NA	$370.81	$169.57	NA	$160.49	NA	$217.17	NA	NA
NRC- DS1 interoffice - Add'l	U1TF1	NA	$247.73	$112.77	NA	$123.03	NA	$163.75	NA	NA
NRC-DS1 Local Loop - 1st	USLXX	NA	$434.24	$535.73	NA	$502.73	NA	$714.84	NA	NA
NRC-DS1 Local Loop - Add'l	USLXX	NA	$235.29	$227.04	NA	$293.82	NA	$421.47	NA	NA
NRC-DS1 Interoffice channel and DS1 Local Loop Combination - Electronic S	SOMEC	NA	$3.20	$3.50	NA	$3.50	NA	$3.50	NA	$3.50
NRC-DS1 interoffice channel and DS1 Local Loop Combination - Manual Svc	SOMAN	NA	$25.60	NA	NA	NA	NA	NA	NA	$19.99
NRC-DS1 interoffice channel and DS1 Local Loop Combination - Manual Svc	SOMAN	NA	NA	$34.00	NA	$242.20	NA	$38.07	NA	NA
NRC-DS1 interoffice channel and DS1 Local Loop Combination - Manual Svc	SOMAN	NA	NA	$27.79	NA	$153.37	NA	$38.07	NA	NA
NRC-DS1 interoffice channel and DS1 Local Loop Combination - Manual Svc	SOMAN	NA	NA	$20.10	NA	$45.91	NA	NA	NA	NA
NRC-DS1 interoffice channel and DS1 Local Loop Combination - Manual Svc	SOMAN	NA	NA	$11.98	NA	$8.06	NA	NA	NA	NA
DS3 Interoffice Channel and DS3 Local Loop:										
Recurring Charges										
DS3 Loop per Facility Termination per month	UE3PX	NA	$407.58	$394.59	NA	$669.01	NA	$367.01	NA	$607.28
DS3 Loop per mile	1L5ND	NA	$11.97	$8.99	NA	$30.34	NA	$32.53	NA	$23.76
Interoffice Channel - Dedicated - DS3 - Facility Termination per month	1L5XX	NA	$1,130	$717.60	NA	$1,101	NA	$720.38	NA	$760.20
Interoffice Channel - Dedicated - DS3 - per mile per month	U1TF3	NA	$4.25	$0.31	NA	$14.04	NA	$12.98	NA	$5.89
Non-Recurring Charges - New EEL (Note 2)(Note 3)										
NRC- DS3 interoffice - 1st	U1TF3	NA	$682.89	$456.02	NA	$713.57	NA	$794.94	NA	$729.27
NRC-DS3 interoffice - Add'l	U1TF3	NA	$288.32	$255.71	NA	$404.38	NA	$579.55	NA	$411.98
NRC-DS3 Local Loop - 1st	UE3PX	NA	$502.06	$770.12	NA	$811.30	NA	$984.04	NA	$929.52
NRC-DS3 Local Loop - Add'l	UE3PX	NA	$307.56	$551.49	NA	$502.09	NA	$542.73	NA	$512.23
NRC-DS3 interoffice channel and DS3 Local Loop Combination - Electronic S	SOMEC	NA	$3.20	$3.50	NA	$3.50	NA	$3.50	NA	$3.50
NRC-DS3 interoffice channel and DS3 Local Loop Combination - Manual Svc	SOMAN	NA	$25.60	NA	NA	NA	NA	NA	NA	$19.99
NRC-DS3 interoffice channel and DS3 Local Loop Combination - Manual Svc	SOMAN	NA	NA	$37.96	NA	$100.50	NA	$58.25	NA	NA
NRC-DS3 interoffice channel and DS3 Local Loop Combination - Manual Svc	SOMAN	NA	NA	$37.96	NA	$100.50	NA	$58.25	NA	NA
NRC-DS3 interoffice channel and DS3 Local Loop Combination - Manual Svc	SOMAN	NA	NA	$18.23	NA	$41.88	NA	NA	NA	NA
NRC-DS3 interoffice channel and DS3 Local Loop Combination - Manual Svc	SOMAN	NA	NA	$18.23	NA	$41.88	NA	NA	NA	NA
STS-1 Interoffice Channel and STS-1 Local Loop:										
Recurring Charges										
STS-1 Loop per Facility Termination per month	UDLS1	NA	$449.40	$426.19	NA	$497.08	NA	$367.01	NA	$400.21
STS-1 Loop per mile	1L5ND	NA	$11.97	$8.99	NA	$497.08	NA	$32.53	NA	$30.53
Interoffice Channel - Dedicated - STS-1 - FacilityTermination per month	U1TFS	NA	$1,114	$792.17	NA	$1,101	NA	$800.94	NA	$338.65
Interoffice Channel - Dedicated - STS-1 - per mile per month	1L5XX	NA	$4.25	$2.75	NA	$14.04	NA	$8.29	NA	$8.88
Non-Recurring Charges - New EEL (Note 2)(Note 3)										
NRC- STS-1 Interoffice - 1st	U1TFS	NA	$682.89	$640.32	NA	$713.57	NA	$624.86	NA	$981.62
NRC-STS-1 Interoffice - Add'l	U1TFS	NA	$288.32	$575.28	NA	$404.38	NA	$436.36	NA	$825.84
NRC-STS-1 Local Loop - 1st	UDLS1	NA	$502.06	$770.12	NA	$811.30	NA	$984.04	NA	$929.52
NRC-STS-1 Local Loop - Add'l	UDLS1	NA	$307.56	$551.49	NA	$502.09	NA	$542.73	NA	$512.23
NRC-STS-1 interoffice channel and STS-1 Local Loop Combination - Electron	SOMEC	NA	$3.20	$3.50	NA	$3.50	NA	NA	NA	$3.50
NRC-STS-1 interoffice channel and STS-1 Local Loop Combination - Manual	SOMAN	NA	$25.60	NA	NA	NA	NA	$65.00	NA	$19.99
NRC-STS-1 interoffice channel and STS-1 Local Loop Combination - Manual	SOMAN	NA	NA	$37.96	NA	$100.50	NA	$55.00	NA	NA
NRC-STS-1 interoffice channel and STS-1 Local Loop Combination - Manual	SOMAN	NA	NA	$37.96	NA	$100.50	NA	NA	NA	NA
NRC-STS-1 interoffice channel and STS-1 Local Loop Combination - Manual	SOMAN	NA	NA	$18.23	NA	$41.88	NA	NA	NA	NA
NRC-STS-1 interoffice channel and STS-1 Local Loop Combination - Manual	SOMAN	NA	NA	$18.23	NA	$41.88	NA	NA	NA	NA

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New EEL rates are the sum of the individual UNE network elements [interoffice transport and loop [channelization if applicable].

Description	Code								
DS3 Interoffice Channel and DS1 Local Loop:									
Recurring Charges									
DS1 Loop per month, State wide	USLXX	NA	$90.00	$90.88	NA	$72.86	NA	$92.78	NA
DS1 Loop per month, Zone 1 (Note 1)	TBD	NA	$64.69	$55.53	NA	$56.32	NA	TBD	NA
DS1 Loop per month, Zone 2 (Note 1)	TBD	NA	$94.71	$64.13	NA	$96.73	NA	TBD	NA
DS1 Loop per month, Zone 3 (Note 1)	TBD	NA	$208.93	$101.93	NA	$197.57	NA	TBD	NA
DS1 Loop per month, Zone 4 (Note 1)	NA	NA	NA	NA	NA	NA	NA	NA	NA
Interoffice Channel - Dedicated - DS3 - Facility Termination per month	U1TF3	NA	$1,130	$717.60	NA	$1,101	NA	$720.38	NA
Interoffice Channel - Dedicated - DS3 - per mile per month	1L5XX	NA	$4.25	$8.46	NA	$14.04	NA	$12.98	NA
DS3 Channelized System per month	MQ3	NA	$222.61	$202.91	NA	$245.84	NA	$226.81	NA
DS3 Interface per month (DS1 COCI)	UC1D1	NA	$14.51	$0.67	NA	$7.55	NA	$4.61	NA
Non-Recurring Charges - New EEL (Note 2)(Note 3)									
NRC- DS3 Interoffice - 1st	U1TF3	NA	$682.59	$456.02	NA	$713.57	NA	$794.94	NA
NRC- DS3 Interoffice - Add'l	U1TF3	NA	$288.32	$255.71	NA	$404.36	NA	$579.55	NA
NRC-DS1 Local Loop - 1st	USLXX	NA	$434.24	$343.73	NA	$502.73	NA	$714.84	NA
NRC-DS1 Local Loop - Add'l	USLXX	NA	$235.29	$192.75	NA	$293.92	NA	$421.47	NA
NRC-DS3 Channelization System -1st	MQ3	NA	$240.04	$189.93	NA	$320.72	NA	$351.95	NA
NRC-DS3 Channelization System - Add'l	MQ3	NA	$106.82	$108.50	NA	$233.10	NA	$243.76	NA
NRC-DS1(COCI)interface card -1st	UC1D1	NA	$12.26	$12.15	NA	$12.29	NA	$15.76	NA
NRC-DS1(COCI)interface card -Add'l	UC1D1	NA	$8.84	$8.76	NA	$8.80	NA	$11.28	NA
NRC-DS3 Interoffice channel and DS1 Local Loop Combination - Electronic S	SOMEC	NA	$3.20	$3.50	NA	$3.50	NA	$3.50	NA
NRC-DS3 Interoffice channel and DS1 Local Loop Combination - Manual Svc	SOMAN	NA	$25.60	$34.00	NA	NA	NA	NA	NA
NRC-DS3 Interoffice channel and DS1 Local Loop Combination - Manual Svc	SOMAN	NA	NA	$27.79	NA	$36.28	NA	$91.26	NA
NRC-DS3 Interoffice channel and DS1 Local Loop Combination - Manual Svc	SOMAN	NA	NA	$20.10	NA	$26.20	NA	$91.28	NA
NRC-DS3 Interoffice channel and DS1 Local Loop Combination - Manual Svc	SOMAN	NA	NA	$11.98	NA	$19.47	NA	NA	NA
NRC-DS3 Interoffice channel and DS1 Local Loop Combination - Manual Svc	SOMAN	NA	NA	GA	NA	$8.06	NA	NA	NA
STS-1 Interoffice Channel and DS1 Local Loop:									
Recurring Charges									
DS1 Loop per month, State wide	USLXX	NA	$90.00	$90.88	NA	$72.86	NA	$92.78	NA
DS1 Loop per month, Zone 1 (Note 1)	TBD	NA	$64.69	$22.88	NA	$56.32	NA	TBD	NA
DS1 Loop per month, Zone 2 (Note 1)	TBD	NA	$94.71	$26.42	NA	$96.73	NA	TBD	NA
DS1 Loop per month, Zone 3 (Note 1)	TBD	NA	$208.93	$41.99	NA	$197.57	NA	TBD	NA
DS1 Loop per month, Zone 4 (Note 1)	NA	NA	NA	NA	NA	NA	NA	NA	NA
Interoffice Channel - Dedicated - STS-1 - Facility Termination per month	U1TFS	NA	$1,114	$1,114	NA	$1,101	NA	$367.01	NA
Interoffice Channel - Dedicated - STS-1 - per mile per month	1L5XX	NA	$4.25	$4.25	NA	$14.04	NA	$32.63	NA
DS3 Channelized System per month	MQ3	NA	$222.61	$184.02	NA	$245.84	NA	$226.81	NA
DS3 Interface per month (DS1 COCI)	UC1D1	NA	$14.51	$11.14	NA	$7.55	NA	$4.61	NA
Non-Recurring Charges - New EEL (Note 2)(Note 3)									
NRC-DS1 Local Loop - 1st	USLXX	NA	$434.24	$429.98	NA	$502.73	NA	$714.84	NA
NRC-DS1 Local Loop - Add'l	USLXX	NA	$235.29	$268.18	NA	$293.92	NA	$421.47	NA
NRC- STS-1 Interoffice - 1st	U1TFS	NA	$682.69	$770.12	NA	$713.57	NA	$624.86	NA
NRC- STS-1 Interoffice - Add'l	U1TFS	NA	$288.32	$551.49	NA	$404.36	NA	$436.38	NA
NRC-DS3 Channelization System -1st	MQ3	NA	$240.04	$342.10	NA	$320.72	NA	$351.95	NA
NRC-DS3 Channelization System - Add'l	MQ3	NA	$106.82	$251.45	NA	$233.10	NA	$243.76	NA
NRC-DS1(COCI)interface card -1st	UC1D1	NA	$12.26	$12.15	NA	$12.29	NA	$15.76	NA
NRC-DS1(COCI)interface card -Add'l	UC1D1	NA	$8.84	$8.76	NA	$8.80	NA	$11.28	NA

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Description	USOC	C1	C2	C3	C4	C5	C6	C7	C8	C9
New EEL rates are the sum of the individual UNE network elements (interoffice transport and loop) [channelization if applicable].										
NRC-STS-1 Interoffice channel and DS1 Local Loop Combination - Electronic	SOMEC	NA	$3.20	NA	$3.50	NA	$3.50	NA	$3.50	NA
NRC-STS-1 Interoffice channel and DS1 Local Loop Combination - Manual S	SOMAN	NA	$25.60	NA	NA	NA	NA	NA	NA	NA
NRC-STS-1 Interoffice channel and DS1 Local Loop Combination - Manual S	SOMAN	NA	NA	NA	$56.90	NA	$68.39	NA	NA	NA
NRC-STS-1 Interoffice channel and DS1 Local Loop Combination - Manual S	SOMAN	NA	NA	NA	$46.38	NA	$58.31	NA	$55.00	NA
NRC-STS-1 Interoffice channel and DS1 Local Loop Combination - Manual S	SOMAN	NA	NA	NA	$37.17	NA	$50.49	NA	$65.00	NA
NRC-STS-1 Interoffice channel and DS1 Local Loop Combination - Manual S	SOMAN	NA	NA	NA	$26.65	NA	$29.00	NA	NA	NA
2-wire VG Interoffice Channel and 2-wire VG Local Loop:										
Recurring Charges										
2-wire VG Loop per month, statewide	UEAL2	NA	$17.00	NA	$16.51	NA	$19.35	NA	NA	$18.00
2-wire VG Loop per month, Zone 1 (Note 1)	TBD	NA	$13.75	NA	$19.45	NA	$17.65	NA	NA	$15.54
2-wire VG Loop per month, Zone 2 (Note 1)	TBD	NA	$20.13	NA	$18.41	NA	$30.32	NA	NA	$19.55
2-wire VG Loop per month, Zone 3 (Note 1)	TBD	NA	$44.40	NA	$30.92	NA	$61.93	NA	NA	$28.02
2-wire VG Loop per month, Zone 4 (Note 1)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Interoffice Channel - Dedicated - 2-wire VG - Facility Termination per month	U1TV2	NA	$26.72	NA	$17.07	NA	$19.10	NA	NA	$18.33
Interoffice Channel - Dedicated - 2-wire VG - per mile per month	1L5XX	NA	$0.0100	NA	$0.02	NA	$0.04	NA	NA	$0.02
Non-Recurring Charges - New EEL (Note 2)(Note 3)										
NRC-2-wire VG Interoffice - 1st	U1TV2	NA	$222.65	NA	$79.61	NA	$104.23	NA	NA	$83.35
NRC-2-wire VG Interoffice - Add'l	U1TV2	NA	$118.83	NA	$36.08	NA	$39.91	NA	NA	$20.88
NRC-2-wire VG Local Loop - 1st	UEAL2	NA	$271.29	NA	$104.17	NA	$128.42	NA	NA	$192.97
NRC-2-wire VG Local Loop - Add'l	UEAL2	NA	$104.90	NA	$78.10	NA	$93.60	NA	NA	$140.72
NRC-2-wire VG interoffice channel and 2-wire VG Local Loop Combination -	SOMEC	NA	$3.20	NA	$3.50	NA	$3.50	NA	NA	$3.50
NRC-2-wire VG interoffice channel and 2-wire VG Local Loop Combination -	SOMAN	NA	$25.60	NA	NA	NA	NA	NA	NA	$19.99
NRC-2-wire VG interoffice channel and 2-wire VG Local Loop Combination -	SOMAN	NA	NA	NA	$37.88	NA	$38.28	NA	NA	NA
NRC-2-wire VG interoffice channel and 2-wire VG Local Loop Combination -	SOMAN	NA	NA	NA	$27.36	NA	$26.20	NA	NA	NA
NRC-2-wire VG interoffice channel and 2-wire VG Local Loop Combination -	SOMAN	NA	NA	NA	NA	NA	$19.47	NA	NA	NA
NRC-2-wire VG interoffice channel and 2-wire VG Local Loop Combination -	SOMAN	NA	NA	NA	NA	NA	$8.08	NA	NA	NA
4-wire VG Interoffice Channel and 4-wire VG Local Loop:										
Recurring Charges										
4-wire VG Loop per month, statewide	UEAL4	NA	$30.00	NA	NA	NA	NA	NA	NA	NA
4-wire VG Loop per month, Zone 1 (Note 1)	TBD	NA	$24.28	NA	NA	NA	NA	NA	NA	NA
4-wire VG Loop per month, Zone 2 (Note 1)	TBD	NA	$36.51	NA	NA	NA	NA	NA	NA	NA
4-wire VG Loop per month, Zone 3 (Note 1)	TBD	NA	$78.35	NA	NA	NA	NA	NA	NA	NA
4-wire VG Loop per month, Zone 4 (Note 1)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Interoffice Channel - Dedicated - 4-wire VG - Facility Termination per month	U1TV4	NA	$23.82	NA	NA	NA	NA	NA	NA	NA
Interoffice Channel - Dedicated - 4-wire VG - per mile per month	1L5XX	NA	$0.0100	NA	NA	NA	NA	NA	NA	NA
Non-Recurring Charges - New EEL (Note 2)(Note 3)										
NRC-4-wire VG Interoffice - 1st	U1TV4	NA	$222.65	NA	NA	NA	NA	NA	NA	NA
NRC-4-wire VG Interoffice - Add'l	U1TV4	NA	$118.83	NA	NA	NA	NA	NA	NA	NA
NRC-4-wire VG Local Loop - 1st	UEAL4	NA	$271.29	NA	NA	NA	NA	NA	NA	NA
NRC-4-wire VG Local Loop - Add'l	UEAL4	NA	$104.90	NA	NA	NA	NA	NA	NA	NA
NRC-4-wire VG interoffice channel and 4-wire VG Local Loop Combination -	SOMEC	NA	$3.20	NA	NA	NA	NA	NA	NA	NA
NRC-4-wire VG interoffice channel and 4-wire VG Local Loop Combination -	SOMAN	NA	$25.60	NA	NA	NA	NA	NA	NA	NA
NRC-4-wire VG interoffice channel and 4-wire VG Local Loop Combination -	SOMAN	NA	NA	NA	NA	NA	NA	NA	NA	NA
NRC-4-wire VG interoffice channel and 4-wire VG Local Loop Combination -	SOMAN	NA	NA	NA	NA	NA	NA	NA	NA	NA
NRC-4-wire VG interoffice channel and 4-wire VG Local Loop Combination -	SOMAN	NA	NA	NA	NA	NA	NA	NA	NA	NA
NRC-4-wire VG interoffice channel and 4-wire VG Local Loop Combination -	SOMAN	NA	NA	NA	NA	NA	NA	NA	NA	NA

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New EEL rates are the sum of the individual UNE network elements (Interoffice transport and loop (channelization if applicable).

Description	USOC	AL	FL	GA	KY	LA	MS	NC	SC	TN
4-wire 56 kbps Interoffice Channel and 4-wire 56kbps Local Loop:										
Recurring Charges										
4-wire 56kbps Loop per month, statewide	UDL56	NA	$48.33	NA	NA	$35.58	NA	$32.67	NA	$42.23
4-wire 56kbps Loop per month, Zone 1 (Note 1)	TBD	NA	$24.26	TBD	NA	$24.36	NA	TBD	NA	$15.92
4-wire 56kbps Loop per month, Zone 2 (Note 1)	TBD	NA	$35.51	TBD	NA	$41.85	NA	TBD	NA	$20.79
4-wire 56kbps Loop per month, Zone 3 (Note 1)	TBD	NA	$78.35	TBD	NA	$66.47	NA	TBD	NA	$27.18
4-wire 56kbps Loop per month, Zone 4 (Note 1)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Interoffice Channel - Dedicated - 4-wire 56kbps - FacilityTermination per mon	U1TD5	NA	$23.82	$16.45	NA	$18.37	NA	$17.40	NA	$17.74
Interoffice Channel - Dedicated - 4-wire 56kbps - per mile per month	1L5XX	NA	$0.0100	$0.02	NA	$0.04	NA	$0.03	NA	$0.17
Non-Recurring Charges - New EEL (Note 3)										
NRC- 4-wire 56kbps interoffice - 1st	U1TD6	NA	$222.65	$79.61	NA	$104.23	NA	$137.46	NA	$83.35
NRC- 4-wire 56kbps Interoffice - Add'l	U1TD6	NA	$118.83	$36.08	NA	$39.91	NA	$52.58	NA	$20.88
NRC-4-wire 56kbps Local Loop - 1st	U1TD5	NA	$271.29	$348.55	NA	$421.27	NA	$489.04	NA	$643.00
NRC-4-wire 56kbps Local Loop - Add'l	U1TD5	NA	$104.90	$241.20	NA	$274.74	NA	$337.51	NA	$421.28
NRC-4-wire 56kbps interoffice channel and 4-wire 56kbps Local Loop Combi	SOMEC	NA	$3.20	$3.50	NA	$3.50	NA	$3.50	NA	$3.50
NRC-4-wire 56kbps interoffice channel and 4-wire 56kbps Local Loop Combi	SOMAN	NA	$25.60	$25.60	NA	NA	NA	NA	NA	$19.99
NRC-4-wire 56kbps interoffice channel and 4-wire 56kbps Local Loop Combi	SOMAN	NA	NA	$37.88	NA	$36.28	NA	$38.07	NA	NA
NRC-4-wire 56kbps interoffice channel and 4-wire 56kbps Local Loop Combi	SOMAN	NA	NA	$27.36	NA	$26.20	NA	$38.07	NA	NA
NRC-4-wire 56kbps interoffice channel and 4-wire 56kbps Local Loop Combi	SOMAN	NA	NA	NA	NA	$11.41	NA	NA	NA	NA
NRC-4-wire 56kbps interoffice channel and 4-wire 56kbps Local Loop Combi	SOMAN	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-wire 64 kbps Interoffice Channel and 4-wire 64 kbps Local Loop:										
Recurring Charges										
4-wire 64kbps Loop per month, statewide	UDL64	NA	$48.33	$30.72	NA	$35.58	NA	$32.67	NA	$42.23
4-wire 64kbps Loop per month, Zone 1 (Note 1)	TBD	NA	$39.08	TBD	NA	$27.50	NA	TBD	NA	$36.45
4-wire 64kbps Loop per month, Zone 2 (Note 1)	TBD	NA	$57.21	TBD	NA	$47.24	NA	TBD	NA	$45.87
4-wire 64kbps Loop per month, Zone 3 (Note 1)	TBD	NA	$126.22	TBD	NA	$96.46	NA	TBD	NA	$65.75
4-wire 64kbps Loop per month, Zone 4 (Note 1)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Interoffice Channel - Dedicated - 4-wire 64kbps - FacilityTermination per mon	U1TD6	NA	$19.46	$16.45	NA	$18.37	NA	$17.40	NA	$17.74
Interoffice Channel - Dedicated - 4-wire 64kbps - per mile per month	1L5XX	NA	$0.0100	$0.02	NA	$0.04	NA	$0.03	NA	$0.17
Non-Recurring Charges - New EEL (Note 2)(Note 3)										
NRC- 4-wire 64kbps interoffice - 1st	U1TD6	NA	$222.65	$79.61	NA	$713.57	NA	$137.46	NA	$729.27
NRC- 4-wire 64kbps interoffice - Add'l	U1TD6	NA	$118.83	$36.08	NA	$404.36	NA	$52.58	NA	$411.98
NRC-4-wire 64kbps Local Loop - 1st	UDL64	NA	$271.29	$348.55	NA	$811.30	NA	$489.04	NA	$829.52
NRC-4-wire 64kbps Local Loop - Add'l	UDL64	NA	$104.90	$241.20	NA	$502.09	NA	$337.51	NA	$512.23
NRC-4-wire 64kbps interoffice channel and 4-wire 64kbps Local Loop Combi	SOMEC	NA	$3.20	$3.50	NA	$3.50	NA	$3.50	NA	$3.50
NRC-4-wire 64kbps interoffice channel and 4-wire 64kbps Local Loop Combi	SOMAN	NA	$25.60	NA	NA	$3.50	NA	NA	NA	$19.99
NRC-4-wire 64kbps interoffice channel and 4-wire 64kbps Local Loop Combi	SOMAN	NA	NA	$37.96	NA	$100.50	NA	$38.07	NA	NA
NRC-4-wire 64kbps interoffice channel and 4-wire 64kbps Local Loop Combi	SOMAN	NA	NA	$37.96	NA	$100.50	NA	$38.07	NA	NA
NRC-4-wire 64kbps interoffice channel and 4-wire 64kbps Local Loop Combi	SOMAN	NA	NA	$18.23	NA	$41.88	NA	NA	NA	NA
NRC-4-wire 64kbps interoffice channel and 4-wire 64kbps Local Loop Combi	SOMAN	NA	NA	$18.23	NA	$41.88	NA	NA	NA	NA
	USOC	AL	FL	GA	KY	LA	MS	NC	SC	TN
Local Loop:										
2-Wire Analog Voice Grade Loop - Service Level 1	UEAL2	$19.04	$17.00	$16.51	$20.00	$19.35	$21.26	$19.50	$22.49	$18.00
Zone 1	TBD	$15.24	$13.75	$19.45	$14.79	$14.98	$15.56	TBD	$18.48	$15.54
Zone 2	TBD	$24.75	$20.13	$16.41	$27.68	$25.69	$20.65	TBD	$27.87	$19.55

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Description	Code									
New EEL rates are the sum of the individual UNE network elements [Interoffice transport and loop [channelization if applicable].										
Zone 3	TBD	$44.85	$44.40	$30.92	$47.78	$52.47	$29.51	TBD	$38.91	$28.02
Zone 4	TBD	NA	NA	NA	NA	NA	$38.94	NA	NA	NA
NRC - Ordinarily Combined in GA (Note 5)										
NRC - 1st	UEAL2	NA	NA	$104.17	NA	NA	NA	NA	NA	NA
NRC - Add'l	UEAL2	NA	NA	$78.10	NA	NA	NA	NA	NA	NA
NRC - Disconnect Charge - 1st	UEAL2	NA	NA	NA	NA	NA	NA	NA	NA	NA
NRC - Disconnect Charge - Add'l	UEAL2	NA	NA	NA	NA	NA	NA	NA	NA	NA
NRC - Electronic Svc Order, per LSR	SOMEC	NA	NA	$3.50	NA	NA	NA	NA	NA	NA
NRC - Incremental Charge - Manual Service Order - 1st	SOMAN	NA	NA	$18.94	NA	NA	NA	NA	NA	NA
NRC - Incremental Charge - Manual Service Order - Add'l	SOMAN	NA	NA	$8.42	NA	NA	NA	NA	NA	NA
NRC - Incremental Charge - Manual Service Order - Disconnect	SOMAN	NA	NA	NA	NA	NA	NA	NA	NA	NA
NRC-All Existing Combination "Switch As Is" Conversion Charge (Note 6)										
NRC-2/4-WIRE VG COMBINATION - "Switch As Is" Conversion Charge - 1st	UNCCC	$54.03	$11.27	$58.43	$54.09	$54.23	$54.09	$54.00	$54.28	$54.13
NRC- 2/4-WIRE VG COMBINATION - "Switch As Is" Conversion Charge - Ad	UNCCC	$32.11	$11.27	$26.99	$32.16	$32.24	$32.16	$32.10	$32.25	$32.17
NRC- 2/4-WIRE VG COMBINATION - "Switch As Is" Conversion Charge - Di	UNCCG	$0.00	$13.03	$12.61	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
NRC- 2/4-WIRE VG COMBINATION - "Switch As Is" Conversion Charge - Di	UNCCC	$0.00	$13.03	$12.61	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
4-Wire Analog Voice Grade Loop	UEAL4	$30.00	$30.00	$25.86	$28.28	$31.52	$30.55	$27.49	$35.86	$18.00
Zone 1	TBD	$24.01	$24.26	$22.26	$20.92	$24.36	$22.38	TBD	$49.47	$15.54
Zone 2	TBD	$39.00	$35.51	$25.70	$39.14	$41.85	$29.67	TBD	$44.44	$19.55
Zone 3	TBD	$70.67	$78.35	$40.85	$67.56	$85.47	$42.40	TBD	$58.85	$28.02
Zone 4	TBD	NA	NA	NA	NA	NA	$55.96	NA	NA	NA
NRC - 1st	UEAL4	NA	NA	$206.95	NA	NA	NA	NA	NA	NA
NRC - Add'l	UEAL4	NA	NA	$170.57	NA	NA	NA	NA	NA	NA
NRC - Disconnect Charge - 1st	UEAL4	NA	NA	NA	NA	NA	NA	NA	NA	NA
NRC - Disconnect Charge - Add'l	UEAL4	NA	NA	NA	NA	NA	NA	NA	NA	NA
NRC - Electronic Svc Order, per LSR	SOMEC	NA	NA	$3.50	NA	NA	NA	NA	NA	NA
NRC - Incremental Charge - Manual Service Order - 1st	SOMAN	NA	NA	NA	NA	NA	NA	NA	NA	NA
NRC - Incremental Charge - Manual Service Order - Add'l	SOMAN	NA	NA	$8.42	NA	NA	NA	NA	NA	NA
NRC - Incremental Charge - Manual Service Order - Disconnect	SOMAN	NA	NA	NA	NA	NA	NA	NA	NA	NA
NRC-All Existing Combination "Switch As Is" Conversion Charge (Note 6)										
NRC-2/4-WIRE VG COMBINATION - "Switch As Is" Conversion Charge - 1st	UNCCC	$54.03	$11.27	$58.43	$54.09	$54.23	$54.09	$54.00	$54.28	$54.13
NRC- 2/4-WIRE VG COMBINATION - "Switch As Is" Conversion Charge - Ad	UNCCC	$32.11	$11.27	$26.99	$32.16	$32.24	$32.16	$32.10	$32.25	$32.17
NRC- 2/4-WIRE VG COMBINATION - "Switch As Is" Conversion Charge - Di	UNCCC	$0.00	$13.03	$12.61	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
NRC- 2/4-WIRE VG COMBINATION - "Switch As Is" Conversion Charge - Di	UNCCC	$0.00	$13.03	$12.61	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
2-Wire ISDN Digital Grade Loop	U1L2X	$29.03	$40.00	$25.43	$31.99	$27.36	$29.63	$24.98	$32.47	$18.00
Zone 1	TBD	$23.23	$32.34	$21.89	$23.66	$21.15	$21.86	TBD	$26.68	$15.54
Zone 2	TBD	$37.74	$47.35	$25.27	$44.28	$36.32	$28.97	TBD	$40.24	$19.55
Zone 3	TBD	$68.38	$104.47	$40.17	$76.42	$74.19	$41.40	TBD	$53.29	$28.02
Zone 4	TBD	NA	NA	$18.94	NA	NA	$54.84	NA	NA	NA
NRC - Ordinarily Combined in GA (Note 5)										
NRC - 1st	U1L2X	NA	NA	$233.38	NA	NA	NA	NA	NA	NA
NRC - Add'l	U1L2X	NA	NA	$180.35	NA	NA	NA	NA	NA	NA
NRC - Disconnect Charge - 1st	U1L2X	NA	NA	NA	NA	NA	NA	NA	NA	NA
NRC - Disconnect Charge - Add'l	U1L2X	NA	NA	NA	NA	NA	NA	NA	NA	NA
NRC - Electronic Svc Order, per LSR	SOMEC	NA	NA	$3.50	NA	NA	NA	NA	NA	NA
NRC - Incremental Charge - Manual Service Order - 1st	SOMAN	NA	NA	$18.94	NA	NA	NA	NA	NA	NA

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New EEL rates are the sum of the individual UNE network elements (interoffice transport and loop [channelization if applicable].

Description	Code									
NRC - Incremental Charge - Manual Service Order - Add'l	SOMAN	NA	NA	$8.42	NA	NA	NA	NA	NA	NA
NRC - Incremental Charge - Manual Service Order - Disconnect	SOMAN	NA	NA	NA	NA	NA	NA	NA	NA	NA
NRC-All Existing Combination "Switch As Is" Conversion Charge (Note 6)										
NRC-2/4-WIRE VG COMBINATION - "Switch As Is" Conversion Charge - 1st	UNCCC	$54.03	$11.27	$58.43	$54.09	$54.23	$54.09	$54.00	$54.26	$54.13
NRC-2/4-WIRE VG COMBINATION - "Switch As Is" Conversion Charge - Ad	UNCCC	$32.11	$11.27	$26.99	$32.16	$32.24	$32.16	$32.10	$32.25	$32.17
NRC- 2/4-WIRE VG COMBINATION - "Switch As Is" Conversion Charge - Di	UNCCC	$0.00	$13.03	$12.61	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
NRC- 2/4-WIRE VG COMBINATION - "Switch As Is" Conversion Charge - Di	UNCCC	$0.00	$13.03	$12.61	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
4-Wire 56 kbps Digital Grade Loop	UDL56	$34.15	$48.33	$29.92	NA	$35.58	$34.95	$32.67	$41.70	$42.23
Zone 1	TBD	$27.33	$39.08	$25.75	NA	$27.50	$25.61	TBD	$34.26	$36.45
Zone 2	TBD	$44.40	$57.21	$29.74	NA	$47.25	$33.94	TBD	$51.67	$45.87
Zone 3	TBD	-$90.45	$126.22	$47.27	NA	$96.48	$48.51	TBD	$88.43	$65.75
Zone 4	TBD	NA	NA	NA	NA	NA	$64.02	NA	NA	NA
NRC - Ordinarily Combined In GA (Note 5)										
NRC - 1st	UDL56	NA	NA	$348.55	NA	NA	NA	NA	NA	NA
NRC - Add'l	UDL56	NA	NA	$241.20	NA	NA	NA	NA	NA	NA
NRC - Disconnect Charge - 1st	UDL56	NA	NA	NA	NA	NA	NA	NA	NA	NA
NRC - Disconnect Charge - Add'l	UDL56	NA	NA	NA	NA	NA	NA	NA	NA	NA
NRC - Electronic Svc Order, per LSR	SOMEC	NA	NA	$3.50	NA	NA	NA	NA	NA	NA
NRC - Incremental Charge - Manual Service Order - 1st	SOMAN	NA	NA	$18.94	NA	NA	NA	NA	NA	NA
NRC - Incremental Charge - Manual Service Order - Add'l	SOMAN	NA	NA	$8.42	NA	NA	NA	NA	NA	NA
NRC - Incremental Charge - Manual Service Order - Disconnect	SOMAN	NA	NA	NA	NA	NA	NA	NA	NA	NA
NRC-All Existing Combination "Switch As Is" Conversion Charge (Note 6)										
NRC-2/4-WIRE VG COMBINATION - "Switch As Is" Conversion Charge - 1st	UNCCC	$54.03	$11.27	$58.43	$54.09	$54.23	$54.09	$54.00	$54.26	$54.13
NRC-2/4-WIRE VG COMBINATION - "Switch As Is" Conversion Charge - Ad	UNCCC	$32.11	$11.27	$26.99	$32.16	$32.24	$32.16	$32.10	$32.25	$32.17
NRC- 2/4-WIRE VG COMBINATION - "Switch As Is" Conversion Charge - Di	UNCCC	$0.00	$13.03	$12.61	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
NRC- 2/4-WIRE VG COMBINATION - "Switch As Is" Conversion Charge - Di	UNCCC	$0.00	$13.03	$12.61	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
4-Wire 64 kbps Digital Grade Loop	UDL64	$34.15	$48.33	$29.92	NA	$35.58	$34.95	$32.67	$41.70	$42.23
Zone 1	TBD	$27.33	$39.08	$25.75	NA	$27.50	$25.61	TBD	$34.26	$36.45
Zone 2	TBD	$44.40	$57.21	$29.74	NA	$47.25	$33.94	TBD	$51.67	$45.87
Zone 3	TBD	$90.45	$126.22	$47.27	NA	$96.48	$48.51	TBD	$88.43	$65.75
Zone 4	TBD	NA	NA	NA	NA	NA	$64.02	NA	NA	NA
NRC - Ordinarily Combined in GA (Note 5)										
NRC - 1st	UDL64	NA	NA	$348.55	NA	NA	NA	NA	NA	NA
NRC - Add'l	UDL64	NA	NA	$241.20	NA	NA	NA	NA	NA	NA
NRC - Disconnect Charge - 1st	UDL64	NA	NA	NA	NA	NA	NA	NA	NA	NA
NRC - Disconnect Charge - Add'l	UDL64	NA	NA	NA	NA	NA	NA	NA	NA	NA
NRC - Electronic Svc Order, per LSR	SOMEC	NA	NA	$3.50	NA	NA	NA	NA	NA	NA
NRC - Incremental Charge - Manual Service Order - 1st	SOMAN	NA	NA	$18.94	NA	NA	NA	NA	NA	NA
NRC - Incremental Charge - Manual Service Order - Add'l	SOMAN	NA	NA	$8.42	NA	NA	NA	NA	NA	NA
NRC - Incremental Charge - Manual Service Order - Disconnect	SOMAN	NA	NA	NA	NA	NA	NA	NA	NA	NA
NRC-All Existing Combination "Switch As Is" Conversion Charge (Note 6)										
NRC-2/4-WIRE VG COMBINATION - "Switch As Is" Conversion Charge - 1st	UNCCC	$54.03	$11.27	$58.43	$54.09	$54.23	$54.09	$54.00	$54.26	$54.13
NRC-2/4-WIRE VG COMBINATION - "Switch As Is" Conversion Charge - Ad	UNCCC	$32.11	$11.27	$26.99	$32.16	$32.24	$32.16	$32.10	$32.25	$32.17
NRC- 2/4-WIRE VG COMBINATION - "Switch As Is" Conversion Charge - Di	UNCCC	$0.00	$13.03	$12.61	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
NRC- 2/4-WIRE VG COMBINATION - "Switch As Is" Conversion Charge - Di	UNCCC	$0.00	$13.03	$12.61	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
4-Wire DS1 Digital Loop	USLXX	$64.65	$80.00	$64.52	$67.96	$72.86	$89.59	$82.78	$72.55	NA

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Item	Code									
New EEL rates are the sum of the individual UNE network elements [Interoffice transport and loop (channelization if applicable)].										
Zone 1	TBD	$51.74	$64.69	$55.53	$50.28	$56.32	$50.99	TBD	$59.61	NA
Zone 2	TBD	$84.05	$94.71	$64.13	$94.06	$96.73	$67.58	TBD	$89.90	NA
Zone 3	TBD	$152.29	$206.83	$101.93	$162.34	$197.57	$96.58	TBD	$119.06	NA
Zone 4	TBD	NA	NA	NA	NA	NA	$127.47	NA	NA	NA
NRC - Ordinarily Combined in GA (Note 5)										
NRC - 1st	USLXX	NA	NA	$429.98	NA	NA	NA	NA	NA	NA
NRC - Add'l	USLXX	NA	NA	$268.18	NA	NA	NA	NA	NA	NA
NRC - Disconnect Charge - 1st	USLXX	NA	NA	NA	NA	NA	NA	NA	NA	NA
NRC - Disconnect Charge - Add'l	USLXX	NA	NA	NA	NA	NA	NA	NA	NA	NA
NRC - Electronic Svc Order, per LSR	SOMEC	NA	NA	$3.50	NA	NA	NA	NA	NA	NA
NRC - Incremental Charge - Manual Service Order - 1st	SOMAN	NA	NA	$18.94	NA	NA	NA	NA	NA	NA
NRC - Incremental Charge - Manual Service Order - Add'l	SOMAN	NA	NA	$8.42	NA	NA	NA	NA	NA	NA
NRC - Incremental Charge - Manual Service Order - Disconnect	SOMAN	NA	NA	NA	NA	NA	NA	NA	NA	NA
NRC-All Existing Combination "Switch As Is" Conversion Charge (Note 6)										
NRC-2/4-WIRE VG COMBINATION - "Switch As Is" Conversion Charge - 1st	UNCCC	$54.03	$11.27	$58.43	$54.09	$54.23	$54.09	$54.00	$54.26	$54.13
NRC-2/4-WIRE VG COMBINATION - "Switch As Is" Conversion Charge - Add	UNCCC	$32.11	$11.27	$26.99	$32.16	$32.24	$32.16	$32.10	$32.25	$32.17
NRC- 2/4-WIRE VG COMBINATION - "Switch As Is" Conversion Charge - Di	UNCCC	$0.00	$13.03	$12.61	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
NRC- 2/4-WIRE VG COMBINATION - "Switch As Is" Conversion Charge - Di	UNCCC	$0.00	$13.03	$12.61	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
DS3 Loop										
per mile per month	1L5ND	$10.65	$11.97	$8.90	$43.69	$38.98	$54.39	$32.53	$15.53	$30.53
facility termination per month	UE3PX	$419.65	$419.65	$390.34	$436.95	$497.08	$427.81	$387.01	$421.60	$400.21
NRC - Ordinarily Combined in GA (Note 5)										
NRC - Facility Termination - 1st	UE3PX	NA	NA	$639.50	NA	NA	NA	NA	NA	NA
NRC - Facility Termination - Add'l	UE3PX	NA	NA	$426.40	NA	NA	NA	NA	NA	NA
NRC - Facility Termination - Disconnect - 1st	UE3PX	NA	NA	$122.31	NA	NA	NA	NA	NA	NA
NRC - Facility Termination - Disconnect - Add'l	UE3PX	NA	NA	$119.14	NA	NA	NA	NA	NA	NA
NRC - Manual Svc Order, per LSR	SOMAN	NA	NA	NA	NA	NA	NA	NA	NA	NA
NRC - Manual Svc Order, per LSR disconnect	SOMAN	NA	NA	NA	NA	NA	NA	NA	NA	NA
NRC - Electronic Svc Order, per LSR	SOMEC	NA	NA	$3.50	NA	NA	NA	NA	NA	NA
NRC - Electronic Svc Order, per LSR disconnect	SOMEC	NA	NA	NA	NA	NA	NA	NA	NA	NA
NRC - Incremental Charge–Manual Svc Order - 1st	SOMAN	NA	NA	$37.55	NA	NA	NA	NA	NA	NA
NRC - Incremental Charge–Manual Svc Order - Add'l	SOMAN	NA	NA	$37.55	NA	NA	NA	NA	NA	NA
NRC - Incremental Cost - Manual Svc. Order vs. Elect-Disconnect-1st	SOMAN	NA	NA	$18.03	NA	NA	NA	NA	NA	NA
NRC - Incremental Cost - Manual Svc. Order vs. Elect-Disconnect-Ad	SOMAN	NA	NA	$18.03	NA	NA	NA	NA	NA	NA
NRC-All Existing Combination "Switch As Is" Conversion Charge (Note 6)										
NRC-2/4-WIRE VG COMBINATION - "Switch As Is" Conversion Charge - 1st	UNCCC	$54.03	$11.27	$58.43	$54.09	$54.23	$54.09	$54.00	$54.26	$54.13
NRC-2/4-WIRE VG COMBINATION - "Switch As Is" Conversion Charge - Add	UNCCC	$32.11	$11.27	$26.99	$32.16	$32.24	$32.16	$32.10	$32.25	$32.17
NRC- 2/4-WIRE VG COMBINATION - "Switch As Is" Conversion Charge - Di	UNCCC	$0.00	$13.03	$12.61	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
NRC- 2/4-WIRE VG COMBINATION - "Switch As Is" Conversion Charge - Di	UNCCC	$0.00	$13.03	$12.61	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
STS-1 Loop										
per mile per month	1L5ND	$10.65	$11.97	$8.90	$43.69	$38.98	$54.39	$32.53	$15.53	$30.53
facility termination per month	UDLS1	$434.31	$449.40	$421.50	$436.95	$497.08	$427.81	$387.01	$431.32	$400.21
NRC - Ordinarily Combined in GA (Note 6)										
NRC - STS-1 - Facility Termination - 1st	UDLS1	NA	NA	$639.50	NA	NA	NA	NA	NA	NA
NRC - STS-1 - Facility Termination - Add'l	UDLS1	NA	NA	$426.40	NA	NA	NA	NA	NA	NA
NRC - STS-1 - Facility Termination - Disconnect - 1st	UDLS1	NA	NA	$122.31	NA	NA	NA	NA	NA	NA
NRC - STS-1 - Facility Termination - Disconnect - Add'l	UDLS1	NA	NA	$119.14	NA	NA	NA	NA	NA	NA

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Description	Code									
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NRC - Manual Svc Order, per LSR	SOMAN	NA	NA	NA	NA	NA	NA	NA	NA	NA
NRC - Manual Svc Order, per LSR disconnect	SOMAN	NA	NA	NA	NA	NA	NA	NA	NA	NA
NRC - Electronic Svc Order, per LSR	SOMEC	NA	NA	$3.50	NA	NA	NA	NA	NA	NA
NRC - Electronic Svc Order, per LSR disconnect	SOMEC	NA	NA	NA	NA	NA	NA	NA	NA	NA
NRC - STS-1 - Incremental Charge -Manual Svc Order - 1st	SOMAN	NA	NA	$37.55	NA	NA	NA	NA	NA	NA
NRC - STS-1 - Incremental Charge -Manual Svc Order - Add'l	SOMAN	NA	NA	$37.55	NA	NA	NA	NA	NA	NA
NRC - STS-1 - Incremental Cost - Manual Svc. Order vs. Elect-Discon	SOMAN	NA	NA	$18.03	NA	NA	NA	NA	NA	NA
NRC - STS-1 - Incremental Cost - Manual Svc. Order vs. Elect-Discon	SOMAN	NA	NA	$18.03	NA	NA	NA	NA	NA	NA
NRC-All Existing Combination "Switch As Is" Conversion Charge (Note 6)										
NRC-2/4-WIRE VG COMBINATION - "Switch As Is" Conversion Charge - 1st	UNCCC	$54.03	$11.27	$58.43	$54.09	$54.23	$54.09	$54.00	$54.28	$54.13
NRC-2/4-WIRE VG COMBINATION - "Switch As Is" Conversion Charge - Ad	UNCCC	$32.11	$11.27	$26.99	$32.16	$32.24	$32.16	$32.10	$32.25	$32.17
NRC- 2/4-WIRE VG COMBINATION - "Switch As Is" Conversion Charge - Di	UNCCC	$0.00	$13.03	$12.61	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
NRC- 2/4-WIRE VG COMBINATION - "Switch As Is" Conversion Charge - Di	UNCCC	$0.00	$13.03	$12.61	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
OC-3 Loop	1L5ND	$1,123	$9.08	$8.75	$33.15	$29.58	$41.27	$24.69	$11.78	$23.16
per mile per month	TBD	$7.09	$661.40	$630.21	$438.95	$753.65	$689.68	$611.36	$701.71	$620.20
facility termination per month										
NRC - Ordinarily Combined in GA (Note 5)										
NRC - OC3 - Facility Termination - 1st	TBD	NA	NA	$6.75	NA	NA	NA	NA	NA	NA
NRC - OC3 - Facility Termination - Add'l	TBD	NA	NA	$630.21	NA	NA	NA	NA	NA	NA
NRC - OC3 - Facility Termination - Disconnect - 1st	TBD	NA	NA	$947.69	NA	NA	NA	NA	NA	NA
NRC - OC3 - Facility Termination - Disconnect - Add'l	TBD	NA	NA	$413.00	NA	NA	NA	NA	NA	NA
NRC - Electronic Svc Order, per LSR	SOMEC	NA	NA	$3.50	NA	NA	NA	NA	NA	NA
NRC - OC3 - Incremental Charge -Manual Svc Order - 1st	SOMAN	NA	NA	$37.55	NA	NA	NA	NA	NA	NA
NRC - OC3 - Incremental Charge -Manual Svc Order - Add'l	SOMAN	NA	NA	$37.55	NA	NA	NA	NA	NA	NA
NRC - OC3 -Incremental Cost - Manual Svc. Order vs. Elect-Disconne	SOMAN	NA	NA	$18.03	NA	NA	NA	NA	NA	NA
NRC - OC3 -Incremental Cost - Manual Svc. Order vs. Elect-Disconne	SOMAN	NA	NA	$18.03	NA	NA	NA	NA	NA	NA
NRC-All Existing Combination "Switch As Is" Conversion Charge (Note 6)										
NRC-2/4-WIRE VG COMBINATION - "Switch As Is" Conversion Charge - 1st	UNCCC	$54.03	$11.27	$58.43	$54.09	$54.23	$54.09	$54.00	$54.28	$54.13
NRC-2/4-WIRE VG COMBINATION - "Switch As Is" Conversion Charge - Ad	UNCCC	$32.11	$11.27	$26.99	$32.16	$32.24	$32.16	$32.10	$32.25	$32.17
NRC- 2/4-WIRE VG COMBINATION - "Switch As Is" Conversion Charge - Di	UNCCC	$0.00	$13.03	$12.61	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
NRC- 2/4-WIRE VG COMBINATION - "Switch As Is" Conversion Charge - Di	UNCCC	$0.00	$13.03	$12.61	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
OC-12 Loop										
per mile per month	1L5ND	$10.13	$11.18	$8.31	$40.80	$36.40	$50.79	$30.38	$14.50	$29.51
facility termination per month	TBD	$5,630	$2,068	$2,109.00	$2,457	$2,571	$2,371	$2,122	$2,663	$2,079
NRC - Ordinarily Combined in GA (Note 5)										
NRC - OC12 - Facility Termination - 1st	TBD	NA	NA	$1,162.00	NA	NA	NA	NA	NA	NA
NRC - OC12 - Facility Termination - Add'l	TBD	NA	NA	$413.00	NA	NA	NA	NA	NA	NA
NRC - OC12 - Facility Termination - Disconnect - 1st	TBD	NA	NA	$122.31	NA	NA	NA	NA	NA	NA
NRC - OC12 - Facility Termination - Disconnect - Add'l	TBD	NA	NA	$119.14	NA	NA	NA	NA	NA	NA
NRC - Electronic Svc Order, per LSR	SOMEC	NA	NA	$3.50	NA	NA	NA	NA	NA	NA
NRC - OC12 - Incremental Charge - Manual Svc Order - 1st	SOMAN	NA	NA	$37.55	NA	NA	NA	NA	NA	NA
NRC - OC12 - Incremental Charge - Manual Svc Order - Add'l	SOMAN	NA	NA	$37.55	NA	NA	NA	NA	NA	NA
NRC - OC12 - Incremental Cost-Manual Svc. Order vs. Elect-Disconne	SOMAN	NA	NA	$18.03	NA	NA	NA	NA	NA	NA
NRC - OC12 - Incremental Cost-Manual Svc. Order vs. Elect-Disconne	SOMAN	NA	NA	$18.03	NA	NA	NA	NA	NA	NA
NRC-All Existing Combination "Switch As Is" Conversion Charge (Note 6)										
NRC-2/4-WIRE VG COMBINATION - "Switch As Is" Conversion Charge - 1st	UNCCC	$54.03	$11.27	$58.43	$54.09	$54.23	$54.09	$54.00	$54.28	$54.13
NRC-2/4-WIRE VG COMBINATION - "Switch As Is" Conversion Charge - Ad	UNCCC	$32.11	$11.27	$26.99	$32.16	$32.24	$32.16	$32.10	$32.25	$32.17

BELLSOUTH/KNOLOGY RATES
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Description	Code									
New EEL rates are the sum of the individual UNE network elements (interoffice transport and loop [channelization if applicable].										
NRC - 2/4-WIRE VG COMBINATION - "Switch As Is" Conversion Charge - Di	UNCCC	$0.00		$12.61	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
NRC - 2/4-WIRE VG COMBINATION - "Switch As Is" Conversion Charge - Di	UNCCC	$0.00	$13.03	$12.61	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
OC-48 Loop										
per mile per month	1L5NID	$33.22	$36.67	$27.25	$166.59	$119.40	$166.59	$120.02	$47.57	$93.50
facility termination per month	TBD	$1,947	$1,699	$1,598.00	$2,129	$2,268	$1,753	$1,677	$1,733	$1,832
OC-12 interface on OC-48 Loop per month	TBD	$699.62	$592.09	$594.80	$725.77	$723.29	$667.00	$582.66	$773.40	$570.54
NRC - Ordinarily Combined in GA (Note 5)										
NRC - OC48 - Facility Termination - 1st	TBD	NA	NA	$1,162.00	NA	NA	NA	NA	NA	NA
NRC - OC48 - Facility Termination - Add'l	TBD	NA	NA	$413.00	NA	NA	NA	NA	NA	NA
NRC - OC48 - Interface OC12 on OC-48 - 1st	TBD	NA	NA	$539.35	NA	NA	NA	NA	NA	NA
NRC - OC48 - Interface OC12 on OC-48 - Add'l	TBD	NA	NA	$317.38	NA	NA	NA	NA	NA	NA
NRC - OC48 - Facility Termination - Disconnect - 1st	TBD	NA	NA	$122.31	NA	NA	NA	NA	NA	NA
NRC - OC48 - Facility Termination - Disconnect - Add'l	TBD	NA	NA	$119.14	NA	NA	NA	NA	NA	NA
NRC - OC48 - Interface OC12 on OC48 - Disconnect - 1st	TBD	NA	NA	$122.31	NA	NA	NA	NA	NA	NA
NRC - OC48 - Interface OC12 on OC48 - Disconnect - Add'l	TBD	NA	NA	$119.14	NA	NA	NA	NA	NA	NA
NRC - Electronic Svc Order, per LSR	SOMEC	NA	NA	$3.50	NA	NA	NA	NA	NA	NA
NRC - OC48 - Facility Termination-Manual Svc Order vs Electronic-Dis	SOMAN	NA	NA	$37.55	NA	NA	NA	NA	NA	NA
NRC - OC48 - Facility Termination-Manual Svc Order vs Electronic-Dis	SOMAN	NA	NA	$37.55	NA	NA	NA	NA	NA	NA
NRC - OC48 - Interface - Manual Svc Order vs Electronic-Disconnect-1	SOMAN	NA	NA	$37.55	NA	NA	NA	NA	NA	NA
NRC - OC48 - Interface - Manual Svc Order vs Electronic-Disconnect-A	SOMAN	NA	NA	$37.55	NA	NA	NA	NA	NA	NA
NRC - OC-48 - Incremental Charge—Manual Svc Order-1st	SOMAN	NA	NA	$18.03	NA	NA	NA	NA	NA	NA
NRC - OC-48 - Incremental Charge—Manual Svc Order-Add'l	SOMAN	NA	NA	$18.03	NA	NA	NA	NA	NA	NA
NRC - OC48 - Interface OC12 on OC48 - Incremental Charge—Manual	SOMAN	NA	NA	$18.03	NA	NA	NA	NA	NA	NA
NRC - OC48 - Interface OC12 on OC48 - Incremental Charge—Manual	SOMAN	NA	NA	$18.03	NA	NA	NA	NA	NA	NA
NRC-All Existing Combination "Switch As Is" Conversion Charge (Note 6)										
NRC-2/4-WIRE VG COMBINATION - "Switch As Is" Conversion Charge - 1st	UNCCC	$54.03	$11.27	$58.43	$54.09	$54.23	$54.09	$54.00	$54.26	$54.13
NRC-2/4-WIRE VG COMBINATION - "Switch As Is" Conversion Charge - Ad	UNCCC	$32.11	$11.27	$26.99	$32.16	$32.24	$32.16	$32.10	$32.25	$32.17
NRC - 2/4-WIRE VG COMBINATION - "Switch As Is" Conversion Charge - Di	UNCCC	$0.00	$13.03	$12.61	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
NRC - 2/4-WIRE VG COMBINATION - "Switch As Is" Conversion Charge - Di	UNCCC	$0.00	$13.03	$12.61	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Local Channels:										
Local Channel - Dedicated - 2-Wire VG										
Monthly Recurring per month	ULDV2	$14.61	$26.31	$18.28	$22.26	$14.94	$17.83	$14.83	$16.83	$19.02
NRC - Ordinarily Combined in GA (Note 5)										
NRC - 2-wire VG Local Channel - 1st	ULDV2	NA	NA	$292.24	NA	NA	NA	NA	NA	NA
NRC - 2-wire VG Local Channel -Add'l	ULDV2	NA	NA	$63.61	NA	NA	NA	NA	NA	NA
NRC - Electronic Svc Order, per LSR	SOMEC	NA	NA	$3.50	NA	NA	NA	NA	NA	NA
NRC - 2-Wire VG - Incremental Charge—Manual Svc Order - 1st	SOMAN	NA	NA	$34.00	NA	NA	NA	NA	NA	NA
NRC - 2-Wire VG - Incremental Charge—Manual Svc Order - Add'l	SOMAN	NA	NA	$21.58	NA	NA	NA	NA	NA	NA
NRC - 2-Wire VG - Incremental Charge—Manual Svc Order - Disconnect - 1s	SOMAN	NA	NA	$22.48	NA	NA	NA	NA	NA	NA
NRC - 2-Wire VG - Incremental Charge—Manual Svc Order - Disconnect - Ad	SOMAN	NA	NA	$8.17	NA	NA	NA	NA	NA	NA
NRC-All Existing Combination "Switch As Is" Conversion Charge (Note 6)										
NRC-2/4-WIRE VG COMBINATION - "Switch As Is" Conversion Charge - 1st	UNCCC	$54.03	$11.27	$58.43	$54.09	$54.23	$54.09	$54.00	$54.26	$54.13
NRC-2/4-WIRE VG COMBINATION - "Switch As Is" Conversion Charge - Ad	UNCCC	$32.11	$11.27	$26.99	$32.16	$32.24	$32.16	$32.10	$32.25	$32.17
NRC - 2/4-WIRE VG COMBINATION - "Switch As Is" Conversion Charge - Di	UNCCC	$0.00	$13.03	$12.61	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
NRC - 2/4-WIRE VG COMBINATION - "Switch As Is" Conversion Charge - Di	UNCCC	$0.00	$13.03	$12.61	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00

BELLSOUTH/KNOLOGY RATES
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New EEL rates are the sum of the Individual UNE network elements [Interoffice transport and loop [channelization if applicable].

Description	USOC	AL	FL	GA	KY	LA	MS	NC	SC	TN
Local Channel - Dedicated - 4-Wire VG										
Monthly Recurring per month	ULDV4	$15.77	$27.48	$17.18	$23.38	$16.21	$19.03	$15.87	$18.05	$20.14
NRC - Ordinarily Combined in GA (Note 5)										
NRC - 4-wire VG Local Channel - 1st	ULDV4	NA	NA	$292.24	NA	NA	NA	NA	NA	NA
NRC - 4-wire VG Local Channel - Add'l	ULDV4	NA	NA	$63.61	NA	NA	NA	NA	NA	NA
NRC - Electronic Svc Order, per LSR	SOMEC	NA	NA	$3.50	NA	NA	NA	NA	NA	NA
NRC - 4-Wire VG Local Channel - Incremental Charge - Manual Svc Order -	SOMAN	NA	NA	$34.00	NA	NA	NA	NA	NA	NA
NRC - 4-Wire VG Local Channel - Incremental Charge - Manual Svc Order -	SOMAN	NA	NA	$21.58	NA	NA	NA	NA	NA	NA
NRC - 4-Wire VG Local Channel - Incremental Charge - Manual Svc Order -	SOMAN	NA	NA	$22.48	NA	NA	NA	NA	NA	NA
NRC - 4-Wire VG Local Channel - Incremental Charge - Manual Svc Order -	SOMAN	NA	NA	$8.17	NA	NA	NA	NA	NA	NA
NRC - All Existing Combination "Switch As Is" Conversion Charge (Note 6)										
NRC-2/4-WIRE VG COMBINATION - "Switch As Is" Conversion Charge - 1st	UNCCC	$54.03	$11.27	$58.43	$54.09	$54.23	$54.09	$54.00	$54.26	$54.13
NRC-2/4-WIRE VG COMBINATION - "Switch As Is" Conversion Charge - Ad	UNCCC	$32.11	$11.27	$26.99	$32.16	$32.24	$32.16	$32.10	$32.25	$32.17
NRC - 2/4-WIRE VG COMBINATION - "Switch As Is" Conversion Charge - Di	UNCCC	$0.00	$13.03	$12.61	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
NRC - 2/4-WIRE VG COMBINATION - "Switch As Is" Conversion Charge - Di	UNCCC	$0.00	$13.03	$12.61	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Local Channel - Dedicated - DS1										
DS1 Monthly Recurring per month	ULDF1	$35.52	$42.98	$38.57	$43.80	$43.80	$38.91	$35.68	$37.20	$40.27
NRC - Ordinarily Combined In GA (Note 5)										
NRC - DS1 Local Channel - 1st	ULDF1	NA	NA	$169.57	NA	NA	NA	NA	NA	NA
NRC - DS1 Local Channel - Add'l	ULDF1	NA	NA	$112.77	NA	NA	NA	NA	NA	NA
NRC - Electronic Svc Order, per LSR	SOMEC	NA	NA	$3.50	NA	NA	NA	NA	NA	NA
NRC - DS1 Local Channel - Incremental Charge - Manual Svc Order - 1st	SOMAN	NA	NA	$34.00	NA	NA	NA	NA	NA	NA
NRC - DS1 Local Channel - Incremental Charge - Manual Svc Order - Add'l	SOMAN	NA	NA	$21.58	NA	NA	NA	NA	NA	NA
NRC - DS1 Local Channel - Incremental Charge - Manual Svc Order - Discon	SOMAN	NA	NA	$22.48	NA	NA	NA	NA	NA	NA
NRC - DS1 Local Channel - Incremental Charge - Manual Svc Order - Discont	SOMAN	NA	NA	$8.17	NA	NA	NA	NA	NA	NA
NRC-All Existing Combination "Switch As Is" Conversion Charge (Note 6)										
NRC-DS1 COMBINATION - "Switch As Is" Conversion Charge - 1st	UNCCC	$54.03	$11.27	$58.43	$54.09	$54.23	$54.09	$54.00	$54.26	$54.13
NRC-DS1 COMBINATION - "Switch As Is" Conversion Charge - Add'l	UNCCC	$32.11	$11.27	$26.99	$32.16	$32.24	$32.16	$32.10	$32.25	$32.17
NRC - DS1 COMBINATION - "Switch As Is" Conversion Charge - Disconnect	UNCCC	$0.00	$13.03	$12.61	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
NRC - DS1 COMBINATION - "Switch As Is" Conversion Charge - Disconnect	UNCCC	$0.00	$13.03	$12.61	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Local Channel - Dedicated - DS3	USOC	AL	FL	GA	KY	LA	MS	NC	SC	TN
DS3 Local Channel - per mile per month	1L5NC	$8.44	$9.32	$7.00	$34.00	$30.34	NA	NA	$12.06	$23.76
DS3 Local Channel - Facility Termination per month	ULDF3	$525.40	$560.39	$523.20	$635.09	$558.00	$531.39	$512.00	$461.14	$615.65
NRC - Ordinarily Combined In GA (Note 6)										
NRC - DS3 Local Channel Facility Termination - 1st	ULDF3	NA	NA	$770.12	NA	NA	NA	NA	NA	NA
NRC - DS3 Local Channel Facility Termination - Add'l	ULDF3	NA	NA	$551.49	NA	NA	NA	NA	NA	NA
NRC - Electronic Svc Order, per LSR	SOMEC	NA	NA	$3.50	NA	NA	NA	NA	NA	NA
NRC - DS3 Local Channel - Incremental Charge - Manual Svc Order - 1st	SOMAN	NA	NA	$66.21	NA	NA	NA	NA	NA	NA
NRC - DS3 Local Channel - Incremental Charge - Manual Svc Order - Add'l	SOMAN	NA	NA	$33.90	NA	NA	NA	NA	NA	NA
NRC - DS3 Local Channel - Incremental Charge - Manual Svc Order - Discon	SOMAN	NA	NA	$36.15	NA	NA	NA	NA	NA	NA
NRC - DS3 Local Channel - Incremental Charge - Manual Svc Order - Discon	SOMAN	NA	NA	$14.20	NA	NA	NA	NA	NA	NA
NRC-All Existing Combination "Switch As Is" Conversion Charge (Note 6)										
NRC-DS3 COMBINATION - "Switch As Is" Conversion Charge - 1st	UNCCC	$54.03	$11.27	$71.04	$54.09	$54.23	$54.09	$54.00	$54.26	$54.13
NRC-DS3 COMBINATION - "Switch As Is" Conversion Charge - Add'l	UNCCC	$32.11	$11.27	$39.60	$32.16	$32.24	$32.16	$32.10	$32.25	$32.17
NRC - DS3 COMBINATION - "Switch As Is" Conversion Charge - Disconnect	UNCCC	$0.00	$13.03	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
NRC - DS3 COMBINATION - "Switch As Is" Conversion Charge - Disconnect	UNCCC	$0.00	$13.03	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00

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	USOC	AL	FL	GA	KY	LA	MS	NC	SC	TN
Local Channel - Dedicated - STS-1										
STS-1 Local Channel - per mile per month	1LSNC	$8.44	$9.32	$7.00	$34.00	$8.77	$38.98	NA	$12.08	$25.11
STS-1 Local Channel - Facility Termination per month	ULDFS	$525.40	$569.67	$523.20	$636.09	$558.00	$531.39	$512.00	$481.14	$615.65
NRC - Ordinarily Combined in GA (Note 5)										
NRC - STS-1 Local Channel Facility Termination - 1st	ULDFS	NA	NA	$770.12	NA	NA	NA	NA	NA	NA
NRC - STS-1 Local Channel - Facility Termination - Add'l	ULDFS	NA	NA	$551.49	NA	NA	NA	NA	NA	NA
NRC - Electronic Svc Order, per LSR	SOMEC	NA	NA	$3.50	NA	NA	NA	NA	NA	NA
NRC - STS-1 Local Channel - Incremental Charge - Manual Svc Order - 1st	SOMAN	NA	NA	$37.98	NA	NA	NA	NA	NA	NA
NRC - STS-1 Local Channel - Incremental Charge - Manual Svc Order - Add'l	SOMAN	NA	NA	$37.98	NA	NA	NA	NA	NA	NA
NRC - STS-1 Local Channel - Incremental Charge - Manual Svc Order - Disc	SOMAN	NA	NA	$18.23	NA	NA	NA	NA	NA	NA
NRC - STS-1 Local Channel - Incremental Charge - Manual Svc Order - Disc	SOMAN	- NA	NA	$18.23	NA	NA	NA	NA	NA	NA
NRC-All Existing Combination "Switch As Is" Conversion Charge (Note 6)	UNCCC	$54.03	$11.27	$58.43	$54.09	$54.23	$54.09	$54.00	$54.26	$54.13
NRC-STS-1 COMBINATION- "Switch As Is" Conversion Charge - 1st	UNCCC	$32.11	$11.27	$26.99	$32.16	$32.24	$32.16	$32.10	$32.25	$32.17
NRC-STS-1 COMBINATION- "Switch As Is" Conversion Charge - Add'l	UNCCC	$0.00	$13.03	$12.61	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
NRC - STS-1 COMBINATION - "Switch As Is" Conversion Charge - Disconne	UNCCC	$0.00	$13.03	$12.61	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Local Channel - OC3										
Local Channel - OC3 - per Mile	TBA	$8.23	$7.83	$8.75	$33.15	$29.58	$41.27	$24.69	$11.78	$23.16
Local Channel - OC3 - per Facility Termination	TBA	$691.33	$940.35	$630.21	$713.29	$753.65	$689.68	$611.36	$701.71	$620.20
NRC - Ordinarily Combined in GA (Note 5)										
NRC - OC3 - Facility Termination - 1st	TBA	NA	NA	$947.69	NA	NA	NA	NA	NA	NA
NRC - OC3 - Facility Termination - Add'l	TBA	NA	NA	$413.00	NA	NA	NA	NA	NA	NA
NRC - OC3 - Facility Termination - Disconnect - 1st	TBA	NA	NA	$122.31	NA	NA	NA	NA	NA	NA
NRC - OC3 - Facility Termination - Disconnect - Add'l	TBA	NA	NA	$119.14	NA	NA	NA	NA	NA	NA
NRC - Electronic Svc Order, per LSR	SOMEC	NA	NA	$3.50	NA	NA	NA	NA	NA	NA
NRC - OC3 - Incremental Charge - Manual Svc Order - 1st	SOMAN	NA	NA	$37.55	NA	NA	NA	NA	NA	NA
NRC - OC3 - Incremental Charge - Manual Svc Order - Add'l	SOMAN	NA	NA	$37.55	NA	NA	NA	NA	NA	NA
NRC - OC3 -Incremental Cost - Manual Svc. Order vs. Elect-Disconnect-1st	SOMAN	NA	NA	$18.03	NA	NA	NA	NA	NA	NA
NRC - OC3 -Incremental Cost - Manual Svc. Order vs. Elect-Disconnect:Add'l	SOMAN	NA	NA	$18.03	NA	NA	NA	NA	NA	NA
NRC-All Existing Combination - "Switch As Is" Conversion Charge (Note 6)	UNCCC	$54.03	$11.27	$58.43	$54.09	$54.23	$54.09	$54.00	$54.26	$54.13
NRC-OC-3 COMBINATION - "Switch As Is" Conversion Charge - Add'l	UNCCC	$32.11	$11.27	$26.99	$32.16	$32.24	$32.16	$32.10	$32.25	$32.17
NRC-OC-3 COMBINATION - "Switch As Is" Conversion Charge - Disconnec	UNCCC	$0.00	$13.03	$12.61	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
NRC - OC-3 COMBINATION- "Switch As Is" Conversion Charge - Disconnec	UNCCC	$0.00	$13.03	$12.61	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
	USOC	AL	FL	GA	KY	LA	MS	NC	SC	TN
Local Channel - OC12										
Local Channel - OC12 - per Mile	TBA	$10.13	$11.18	$8.31	$40.60	$36.40	$50.79	$30.36	$14.50	$28.51
Local Channel - OC12 - per Facility Termination	TBA	$2,557	$2,753	$2,109.00	$2,457	$2,571	$2,371	$2,122	$2,663	$2,079
NRC - Ordinarily Combined in GA (Note 5)										
NRC - OC12 - Facility Termination - 1st	TBA	NA	NA	$1,162.00	NA	NA	NA	NA	NA	NA
NRC - OC12 - Facility Termination - Add'l	TBA	NA	NA	$413.00	NA	NA	NA	NA	NA	NA
NRC - OC12 - Facility Termination - Disconnect - 1st	TBA	NA	NA	$122.31	NA	NA	NA	NA	NA	NA
NRC - OC12 - Facility Termination - Disconnect - Add'l	TBA	NA	NA	$119.14	NA	NA	NA	NA	NA	NA
NRC - Electronic Svc Order, per LSR	SOMEC	NA	NA	$3.50	NA	NA	NA	NA	NA	NA
NRC - OC12 - Incremental Charge - Manual Svc Order - 1st	SOMAN	NA	NA	$37.55	NA	NA	NA	NA	NA	NA
NRC - OC12 - Incremental Charge - Manual Svc Order - Add'l	SOMAN	NA	NA	$37.55	NA	NA	NA	NA	NA	NA

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	USOC	AL	FL	GA	KY	LA	MS	NC	SC	TN
New EEL rates are the sum of the Individual UNE network elements										
(Interoffice transport end loop [channelization if applicable].										
NRC - OC12 - Incremental Cost-Manual Svc. Order vs. Elect-Disconnect-1st	SOMAN	NA	NA	$18.03	NA	NA	NA	NA	NA	NA
NRC - OC12 - Incremental Cost-Manual Svc. Order vs. Elect-Disconnect-Ad	SOMAN	NA	NA	$18.03	NA	NA	NA	NA	NA	NA
NRC-All Existing Combination "Switch As Is" Conversion Charge (Note 8)										
NRC-OC-12 COMBINATION - "Switch As Is" Conversion Charge - 1st	UNCCC	$54.03	$11.27	$58.43	$54.09	$54.23	$54.09	$54.00	$54.28	$54.13
NRC-OC-12 COMBINATION - "Switch As Is" Conversion Charge - Add1	UNCCC	$32.11	$11.27	$26.99	$32.16	$32.24	$32.16	$32.10	$32.25	$32.17
NRC- OC-12 COMBINATION - "Switch As Is" Conversion Charge - Disconne	UNCCC	$0.00	$13.03	$12.61	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
NRC- OC-12 COMBINATION - "Switch As Is" Conversion Charge - Disconne	UNCCC	$0.00	$13.03	$12.61	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
	USOC	AL	FL	GA	KY	LA	MS	NC	SC	TN
Local Channel - OC48	TBA	$33.22	$36.67	$27.25	$133.84	$119.40	$166.59	$120.02	$47.57	$93.50
Local Channel - OC48 - per Mile	TBA	$1,713	$1,844	$1,598.00	$2,129	$2,268	$1,753	$1,677	$1,733	$1,832
Local Channel - OC48 - per Facility Termination	TBA	$736.71	$586.28	$594.80	$725.77	$723.29	$667.00	$582.66	$773.40	$570.54
Local Channel - OC12 Interface on OC48 Facility	TBA									
NRC - Ordinarily Combined in GA (Note 5)										
NRC - OC48 - Facility Termination - 1st	TBA	NA	NA	$1,175	NA	NA	NA	NA	NA	NA
NRC - OC48 - Facility Termination - Add1	TBA	NA	NA	$417.50	NA	NA	NA	NA	NA	NA
NRC - OC48 - Interface OC12 on OC48 - 1st	TBA	NA	NA	$545.24	NA	NA	NA	NA	NA	NA
NRC - OC48 - Interface OC12 on OC48 - Add1	TBA	NA	NA	$320.83	NA	NA	NA	NA	NA	NA
NRC - OC48 - Facility Termination - Disconnect - 1st	TBA	NA	NA	$123.65	NA	NA	NA	NA	NA	NA
NRC - OC48 - Facility Termination - Disconnect - Add1	TBA	NA	NA	$120.44	NA	NA	NA	NA	NA	NA
NRC - OC48 - Interface OC12 on OC48 - Disconnect - 1st	TBA	NA	NA	$123.65	NA	NA	NA	NA	NA	NA
NRC - OC48 - Interface OC12 on OC48 - Disconnect - Add1	TBA	NA	NA	$120.44	NA	NA	NA	NA	NA	NA
NRC - Electronic Svc Order, per LSR	SOMEC	NA	NA	$3.50	NA	NA	NA	NA	NA	NA
NRC - OC48 - Facility Termination-Manual Svc Order vs Electronic-Disconne	SOMAN	NA	NA	$18.23	NA	NA	NA	NA	NA	NA
NRC - OC48 - Facility Termination-Manual Svc Order vs Electronic-Disconne	SOMAN	NA	NA	$18.23	NA	NA	NA	NA	NA	NA
NRC - OC48 - Interface - Manual Svc Order vs Electronic-Disconnect-1st	SOMAN	NA	NA	$18.23	NA	NA	NA	NA	NA	NA
NRC - OC48 - Interface - Manual Svc Order vs Electronic-Disconnect-Add1	SOMAN	NA	NA	$18.23	NA	NA	NA	NA	NA	NA
NRC - OC-48 - Incremental Charge-Manual Svc Order-1st	SOMAN	NA	NA	$37.96	NA	NA	NA	NA	NA	NA
NRC - OC-48 - Incremental Charge-Manual Svc Order-Add1	SOMAN	NA	NA	$37.96	NA	NA	NA	NA	NA	NA
NRC - OC-48 - Interface OC12 on OC48 - Incremental Charge-Manual Svc O	SOMAN	NA	NA	$37.96	NA	NA	NA	NA	NA	NA
NRC - OC48 - Interface OC12 on OC48 - Incremental Charge-Manual Svc O	SOMAN	NA	NA	$37.96	NA	NA	NA	NA	NA	NA
NRC-All Existing Combination "Switch As Is" Conversion Charge (Note 6)										
NRC-OC-48 COMBINATION - "Switch As Is" Conversion Charge - 1st	UNCCC	$54.03	$11.27	$58.43	$54.09	$54.23	$54.09	$54.00	$54.28	$54.13
NRC-OC-48 COMBINATION - "Switch As Is" Conversion Charge - Add1	UNCCC	$32.11	$11.27	$26.99	$32.16	$32.24	$32.16	$32.10	$32.25	$32.17
NRC-OC-48 COMBINATION - "Switch As Is" Conversion Charge - Disconne	UNCCC	$0.00	$13.03	$12.61	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
NRC - OC-48 COMBINATION - "Switch As Is" Conversion Charge - Disconne	UNCCC	$0.00	$13.03	$12.61	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
High Capacity Loops:										
Local Loop - Dedicated - DS3	1L5ND	$10.85	$11.97	$8.99	$43.69	$11.26	$32.53	$11.40	$15.53	$20.53
DS3 Local Loop- per mile per month	UE3PX	$419.65	$407.58	$394.59	$436.95	$439.59	$387.01	$413.09	$421.60	$400.21
DS3 Local Loop- per Facility Termination										
NRC - Ordinarily Combined in GA (Note 5)										
NRC - DS3 Local Channel - Facility Termination - 1st	UE3PX	NA	NA	$770.12	NA	NA	NA	NA	NA	NA
NRC - DS3 Local Channel - Facility Termination - Add1	UE3PX	NA	NA	$651.49	NA	NA	NA	NA	NA	NA
NRC - Electronic Svc Order, per LSR	SOMEC	NA	NA	$3.50	NA	NA	NA	NA	NA	NA
NRC - DS3 Local Channel - Incremental Charge-Manual Svc Order - 1st	SOMAN	NA	NA	$37.96	NA	NA	NA	NA	NA	NA
NRC - DS3 Local Channel - Incremental Charge-Manual Svc Order - Add1	SOMAN	NA	NA	$37.96	NA	NA	NA	NA	NA	NA
NRC - DS3 Local Channel - Incremental Charge-Manual Svc Order - Discon	SOMAN	NA	NA	$18.23	NA	NA	NA	NA	NA	NA
NRC - DS3 Local Channel - Incremental Charge-Manual Svc Order - Discon	SOMAN	NA	NA	$18.23	NA	NA	NA	NA	NA	NA
NRC-All Existing Combination "Switch As Is" Conversion Charge (Note 6)										

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Description	USOC									
New EEL rates are the sum of the Individual UNE network elements [Interoffice transport and loop [channelization if applicable].										
NRC-DS3 COMBINATION - "Switch As Is" Conversion Charge - 1st	UNCCC	$54.03	$11.27	$58.43	$54.09	$54.23	$54.09	$54.00	$54.28	$54.13
NRC-DS3 COMBINATION - "Switch As Is" Conversion Charge - Add'l	UNCCG	$32.11	$11.27	$26.99	$32.16	$32.24	$32.16	$32.10	$32.25	$32.17
NRC- DS3 COMBINATION - "Switch As Is" Conversion Charge - Disconnect	UNCCC	$0.00	$13.03	$12.61	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
NRC- DS3 COMBINATION - "Switch As Is" Conversion Charge - Disconnect	UNCCC	$0.00	$13.03	$12.61	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Local Loop - Dedicated - STS-1										
STS-1 Local Loop - per mile	1L5ND	$10.85	$11.97	$8.99	$43.69	$11.29	$54.39	$11.40	$15.53	$30.53
STS-1 Local Loop- per Facility Termination	UDLS1	$419.65	$449.40	$426.19	$436.85	$454.28	$427.81	$428.93	$431.32	$400.21
NRC - Ordinarily Combined in GA (Note 5)										
NRC - STS-1 Local Loop - Facility Termination - 1st	UDLS1	NA	NA	$770.12	NA	NA	NA	NA	NA	NA
NRC - STS-1 Local Loop - Facility Termination - Add'l	UDLS1	NA	NA	$551.49	NA	NA	NA	NA	NA	NA
NRC - Electronic Svc Order, per LSR	SOMEC	NA	NA	$3.50	NA	NA	NA	NA	NA	NA
NRC - STS-1 Local Loop - Incremental Charge--Manual Svc Order - 1st	SOMAN	NA	NA	$37.96	NA	NA	NA	NA	NA	NA
NRC - STS-1 Local Loop - Incremental Charge - Manual Svc Order - Add'l	SOMAN	NA	NA	$37.96	NA	NA	NA	NA	NA	NA
NRC - STS-1 Local Loop - Incremental Charge --Manual Svc Order - Disconn	SOMAN	NA	NA	$18.23	NA	NA	NA	NA	NA	NA
NRC - STS-1 Local Loop - Incremental Charge --Manual Svc Order - Disconn	SOMAN	NA	NA	$18.23	NA	NA	NA	NA	NA	NA
NRC-All Existing Combination "Switch As Is" Conversion Charge (Note 6)										
NRC-STS-1 COMBINATION - "Switch As Is" Conversion Charge - 1st	UNCCC	$54.03	$11.27	$58.43	$54.09	$54.23	$54.09	$54.00	$54.28	$54.13
NRC-STS-1 COMBINATION - "Switch As Is" Conversion Charge - Add'l	UNCCC	$32.11	$11.27	$26.99	$32.16	$32.24	$32.16	$32.10	$32.25	$32.17
NRC - STS-1 COMBINATION - "Switch As Is" Conversion Charge - Disconnec	UNCCC	$0.00	$13.03	$12.61	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
NRC - STS-1 COMBINATION - "Switch As Is" Conversion Charge - Disconnec	UNCCC	$0.00	$13.03	$12.61	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Local Loop - OC3										
Local Loop - OC3 - per Mile	TBA	$8.23	$9.08	$8.75	$33.15	$29.58	$41.27	$24.69	$11.78	$23.16
Local Loop - OC3 - per Facility Termination	TBA	$691.33	$651.40	$630.21	$713.29	$753.65	$689.68	$611.36	$701.71	$620.20
NRC - Ordinarily Combined In GA (Note 5)										
NRC - OC3 - Facility Termination - 1st	TBA	NA	NA	$947.69	NA	NA	NA	NA	NA	NA
NRC - OC3 - Facility Termination - Add'l	TBA	NA	NA	$413.00	NA	NA	NA	NA	NA	NA
NRC - OC3 - Facility Termination - Disconnect - 1st	TBA	NA	NA	$122.31	NA	NA	NA	NA	NA	NA
NRC - OC3 - Facility Termination - Disconnect - Add'l	TBA	NA	NA	$119.14	NA	NA	NA	NA	NA	NA
NRC - Electronic Svc Order, per LSR	SOMEC	NA	NA	$3.50	NA	NA	NA	NA	NA	NA
NRC - OC3 - Incremental Charge--Manual Svc Order - 1st	SOMAN	NA	NA	$37.55	NA	NA	NA	NA	NA	NA
NRC - OC3 - Incremental Charge--Manual Svc Order - Add'l	SOMAN	NA	NA	$37.55	NA	NA	NA	NA	NA	NA
NRC - OC3 -Incremental Cost - Manual Svc. Order vs. Elect-Disconnect-1st	SOMAN	NA	NA	$18.03	NA	NA	NA	NA	NA	NA
NRC - OC3 -Incremental Cost - Manual Svc. Order vs. Elect-Disconnect-Add'l	SOMAN	NA	NA	$18.03	NA	NA	NA	NA	NA	NA
NRC-All Existing Combination "Switch As Is" Conversion Charge (Note 6)										
NRC-OC-3 COMBINATION - "Switch As Is" Conversion Charge - 1st	UNCCC	$54.03	$11.27	$58.43	$54.09	$54.23	$54.09	$54.00	$54.28	$54.13
NRC-OC-3 COMBINATION - "Switch As Is" Conversion Charge - Add'l	UNCCC	$32.11	$11.27	$26.99	$32.16	$32.24	$32.16	$32.10	$32.25	$32.17
NRC-OC-3 COMBINATION - "Switch As Is" Conversion Charge - Disconnec	UNCCC	$0.00	$13.03	$12.61	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
NRC-OC-3 COMBINATION - "Switch As Is" Conversion Charge - Disconnec	UNCCC	$0.00	$13.03	$12.61	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Local Loop - OC12										
Local Loop - OC12 - per Mile	TBA	$10.13	$11.18	$8.31	$40.80	$36.40	$50.79	$30.38	$14.50	$28.51
Local Loop - OC12 - per Facility Termination	TBA	$2,557	$2,068	$2,109.00	$2,457	$2,671	$2,371	$2,122	$2,663	$2,079
NRC - Ordinarily Combined In GA (Note 5)										
NRC - OC12 - Facility Termination - 1st	TBA	NA	NA	$1,162.00	NA	NA	NA	NA	NA	NA
NRC - OC12 - Facility Termination - Add'l	TBA	NA	NA	$413.00	NA	NA	NA	NA	NA	NA
NRC - OC12 - Facility Termination - Disconnect - 1st	TBA	NA	NA	$122.31	NA	NA	NA	NA	NA	NA

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New EEL rates are the sum of the individual UNE network elements
(Interoffice transport and loop [channelization if applicable].

Description	USOC	1	2	3	4	5	6	7	8	9
	TBA	NA	NA	$119.14	NA	NA	NA	NA	NA	NA
NRC - OC12 - Facility Termination - Disconnect - Add'l	SOMEC	NA	NA	$3.50	NA	NA	NA	NA	NA	NA
NRC - Electronic Svc Order, per LSR	SOMAN	NA	NA	$37.55	NA	NA	NA	NA	NA	NA
NRC - OC12 - Incremental Charge - Manual Svc Order - 1st	SOMAN	NA	NA	$37.55	NA	NA	NA	NA	NA	NA
NRC - OC12 - Incremental Charge - Manual Svc Order - Add'l	SOMAN	NA	NA	$18.03	NA	NA	NA	NA	NA	NA
NRC - OC12 - Incremental Cost-Manual Svc. Order vs. Elect-Disconnect-1st	SOMAN	NA	NA	$18.03	NA	NA	NA	NA	NA	NA
NRC - OC12 - Incremental Cost-Manual Svc. Order vs. Elect-Disconnect-Add	SOMAN	NA	NA	NA	NA	NA	NA	NA	NA	NA
NRC-All Existing Combination "Switch As Is" Conversion Charge (Note 6)										
NRC-OC-12 COMBINATION - "Switch As Is" Conversion Charge - 1st	UNCCC	$54.03	$11.27	$58.43	$54.09	$54.23	$54.09	$54.00	$54.26	$54.13
NRC-OC-12 COMBINATION - "Switch As Is" Conversion Charge - Add'l	UNCCC	$32.11	$11.27	$26.99	$32.16	$32.24	$32.16	$32.10	$32.25	$32.17
NRC-OC-12 COMBINATION - "Switch As Is" Conversion Charge - Disconne	UNCCC	$0.00	$13.03	$12.61	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
NRC-OC-12 COMBINATION - "Switch As Is" Conversion Charge - Disconne	UNCCC	$0.00	$13.03	$12.61	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Local Loop - OC48										
Local Loop - OC48 - per Mile	TBA	$33.22	$36.67	$27.25	$133.84	$119.40	$166.59	$120.02	$47.57	$93.50
Local Loop - OC48 - per Facility Termination	TBA	$1,713	$1,699	$1,598.00	$2,129	$2,268	$1,753	$1,677	$1,733	$1,832
Local Loop - OC12 Interface on OC48 Facility	TBA	$736.71	$592.09	$594.80	$725.77	$723.29	$667.00	$582.86	$773.40	$570.54
NRC - Ordinarily Combined in GA (Note 5)										
NRC - OC48 - Facility Termination - 1st	TBA	NA	NA	$1,162.00	NA	NA	NA	NA	NA	NA
NRC - OC48 - Facility Termination - Add'l	TBA	NA	NA	$413.00	NA	NA	NA	NA	NA	NA
NRC - OC48 - Interface OC12 on OC48 - 1st	TBA	NA	NA	$539.36	NA	NA	NA	NA	NA	NA
NRC - OC48 - Interface OC12 on OC48 - Add'l	TBA	NA	NA	$317.38	NA	NA	NA	NA	NA	NA
NRC - OC48 - Facility Termination - Disconnect - 1st	TBA	NA	NA	$122.31	NA	NA	NA	NA	NA	NA
NRC - OC48 - Facility Termination - Disconnect - Add'l	TBA	NA	NA	$119.14	NA	NA	NA	NA	NA	NA
NRC - OC48 - Interface OC12 on OC48 - Disconnect - 1st	TBA	NA	NA	$122.31	NA	NA	NA	NA	NA	NA
NRC - OC48 - Interface OC12 on OC48 - Disconnect - Add'l	TBA	NA	NA	$119.14	NA	NA	NA	NA	NA	NA
NRC - Electronic Svc Order, per LSR	SOMEC	NA	NA	$3.50	NA	NA	NA	NA	NA	NA
NRC - OC48 - Facility Termination-Manual Svc Order vs Electronic-Disconnect	SOMAN	NA	NA	$37.55	NA	NA	NA	NA	NA	NA
NRC - OC48 - Facility Termination-Manual Svc Order vs Electronic-Disconne	SOMAN	NA	NA	$37.55	NA	NA	NA	NA	NA	NA
NRC - OC48 - Interface - Manual Svc Order vs Electronic-Disconnect-1st	SOMAN	NA	NA	$37.55	NA	NA	NA	NA	NA	NA
NRC - OC48 - Interface - Manual Svc Order vs Electronic-Disconnect-Add'l	SOMAN	NA	NA	$37.55	NA	NA	NA	NA	NA	NA
NRC - OC-48 - Incremental Charge -Manual Svc Order-1st	SOMAN	NA	NA	$18.03	NA	NA	NA	NA	NA	NA
NRC - OC-48 - Incremental Charge -Manual Svc Order-Add'l	SOMAN	NA	NA	$18.03	NA	NA	NA	NA	NA	NA
NRC - OC48 - Interface OC12 on OC48 - Incremental Charge -Manual Svc O	SOMAN	NA	NA	$18.03	NA	NA	NA	NA	NA	NA
NRC - OC48 - Interface OC12 on OC48 - Incremental Charge -Manual Svc O	SOMAN	NA	NA	$18.03	NA	NA	NA	NA	NA	NA
NRC-All Existing Combination "Switch As Is" Conversion Charge (Note 6)										
NRC-OC-48 COMBINATION - "Switch As Is" Conversion Charge - 1st	UNCCC	$54.03	$11.27	$58.43	$54.09	$54.23	$54.09	$54.00	$54.26	$54.13
NRC-OC-48 COMBINATION - "Switch As Is" Conversion Charge - Add'l	UNCCC	$32.11	$11.27	$26.99	$32.16	$32.24	$32.16	$32.10	$32.25	$32.17
NRC-OC-48 COMBINATION - "Switch As Is" Conversion Charge - Disconne	UNCCC	$0.00	$13.03	$12.61	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
NRC-OC-48 COMBINATION - "Switch As Is" Conversion Charge - Disconne	UNCCC	$0.00	$13.03	$12.61	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Interoffice Channels:										
Interoffice Channel - Dedicated - 2-wire VG										
Interoffice Channel - Dedicated 2-wire VG - per mile per month	1L5XX	$0.03	$0.0100	$0.02	$0.03	$0.04	$0.03	$0.03	$0.04	$0.02
Interoffice Channel - Dedicated 2-wire VG - Facility Termination per month	U1TV2	$18.49	$26.72	$17.07	$27.66	$19.10	$21.33	$18.01	$21.42	$18.33
NRC - Ordinarily Combined in GA (Note 5)										
NRC - 2-wire VG Interoffice Channel - Facility Termination - 1st	U1TV2	NA	NA	$79.61	NA	NA	NA	NA	NA	NA
NRC - 2-wire VG Interoffice Channel - Facility Termination - Add'l	U1TV2	NA	NA	$36.08	NA	NA	NA	NA	NA	NA
NRC - Electronic Svc Order, per LSR	SOMEC	NA	NA	$3.50	NA	NA	NA	NA	NA	NA

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New EEL rates are the sum of the individual UNE network elements (interoffice transport and loop (channelization if applicable).

Description	Code									
NRC - 2-wire VG Interoffice Channel - Incremental Charge--Manual Svc Orde	SOMAN	NA	NA	$18.94	NA	NA	NA	NA	NA	NA
NRC - 2-wire VG Interoffice Channel - Incremental Charge--Manual Svc Orde	SOMAN	NA	NA	$18.94	NA	NA	NA	NA	NA	NA
NRC - 2-wire VG Interoffice Channel - Incremental Charge--Manual Svc Orde	SOMAN	NA	NA	NA	NA	NA	NA	NA	NA	NA
NRC - 2-wire VG Interoffice Channel - Incremental Charge--Manual Svc Orde	SOMAN	NA	NA	NA	NA	NA	NA	NA	NA	NA
NRC-All Existing Combination "Switch As Is" Conversion Charge (Note 6)										
NRC-2/4-WIRE VG COMBINATION - "Switch As Is" Conversion Charge - 1st	UNCCC	$54.03	$11.27	$58.43	$54.09	$54.23	$54.09	$54.00	$54.26	$54.13
NRC-2/4-WIRE VG COMBINATION - "Switch As Is" Conversion Charge - Ad	UNCCC	$32.11	$11.27	$26.99	$32.16	$32.24	$32.16	$32.10	$32.25	$32.17
NRC-2/4-WIRE VG COMBINATION - "Switch As Is" Conversion Charge - Di	UNCCC	$0.00	$13.03	$12.61	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
NRC-2/4-WIRE VG COMBINATION - "Switch As Is" Conversion Charge - Di	UNCCC	$0.00	$13.03	$12.61	$0.00	$0.00	$0.00		$0.00	$0.00
Interoffice Channel - Dedicated - 4-wire VG										
Interoffice Channel - Dedicated 4-wire VG - per mile per month	1L5XX	NA	$0.0100	NA	NA	NA	NA	NA	NA	NA
Interoffice Channel - Dedicated 4-wire VG - Facility Termination per month	U1TV4	NA	$23.82	NA	NA	NA	NA	NA	NA	NA
NRC - Ordinarily Combined in GA (Note 5)										
NRC - 4-wire VG Interoffice Channel - Facility Termination - 1st	U1TV4	NA	NA	NA	NA	NA	NA	NA	NA	NA
NRC - 4-wire VG Interoffice Channel - Facility Termination - Add'l	U1TV4	NA	NA	NA	NA	NA	NA	NA	NA	NA
NRC - Electronic Svc Order, per LSR	SOMEC	NA	NA	NA	NA	NA	NA	NA	NA	NA
NRC - 4-wire VG Interoffice Channel - Incremental Charge--Manual Svc Orde	SOMAN	NA	NA	NA	NA	NA	NA	NA	NA	NA
NRC - 4-wire VG Interoffice Channel - Incremental Charge--Manual Svc Orde	SOMAN	NA	NA	NA	NA	NA	NA	NA	NA	NA
NRC - 4-wire VG Interoffice Channel - Incremental Charge--Manual Svc Orde	SOMAN	NA	NA	NA	NA	NA	NA	NA	NA	NA
NRC - 4-wire VG Interoffice Channel - Incremental Charge--Manual Svc Orde	SOMAN	NA	NA	NA	NA	NA	NA	NA	NA	NA
NRC-All Existing Combination "Switch As Is" Conversion Charge (Note 6)										
NRC-2/4-WIRE VG COMBINATION - "Switch As Is" Conversion Charge - 1st	UNCCC	$54.03	$11.27	$58.43	$54.09	$54.23	$54.09	$54.00	$54.26	$54.13
NRC-2/4-WIRE VG COMBINATION - "Switch As Is" Conversion Charge - Ad	UNCCC	$32.11	$11.27	$26.99	$32.16	$32.24	$32.16	$32.10	$32.25	$32.17
NRC-2/4-WIRE VG COMBINATION - "Switch As Is" Conversion Charge - Di	UNCCC	$0.00	$13.03	$12.61	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
NRC-2/4-WIRE VG COMBINATION - "Switch As Is" Conversion Charge - Di	UNCCC	$0.00	$13.03	$12.61	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Interoffice Channel - Dedicated - DS0 - 56Kbps										
Interoffice Channel - Dedicated - DS0 - 56kbps - per mile per month	1L5XX	$0.03	$0.0100	$0.02	$0.0301	$0.04	$0.03	$0.03	$0.04	$0.17
Interoffice Channel - Dedicated - DS0 - 56 kbps - Facility Termination per m	U1TD5	$17.81	$19.46	$16.45	$26.95	$18.37	$20.84	$17.40	$20.71	$17.74
NRC - Ordinarily Combined in GA (Note 5)										
NRC - 4-wire 56kbps Interoffice Channel - Facility Termination - 1st	U1TD5	NA	NA	$79.61	NA	NA	NA	NA	NA	NA
NRC - 4-wire 56 kbps Interoffice Channel - Facility Termination - Add'l	U1TD5	NA	NA	$36.08	NA	NA	NA	NA	NA	NA
NRC - Electronic Svc Order, per LSR	SOMEC	NA	NA	$3.50	NA	NA	NA	NA	NA	NA
NRC - 4-wire 56 kbps Interoffice Channel - Incremental Charge--Manual Svc	SOMAN	NA	NA	$18.94	NA	NA	NA	NA	NA	NA
NRC - 4-wire 56 kbps Interoffice Channel - Incremental Charge--Manual Svc	SOMAN	NA	NA	$18.94	NA	NA	NA	NA	NA	NA
NRC - 4-wire 56 kbps Interoffice Channel - Incremental Charge--Manual Svc	SOMAN	NA	NA	NA	NA	NA	NA	NA	NA	NA
NRC - 4-wire 56 kbps Interoffice Channel - Incremental Charge--Manual Svc	SOMAN	NA	NA	NA	NA	NA	NA	NA	NA	NA
NRC-All Existing Combination "Switch As Is" Conversion Charge (Note 6)										
NRC-2/4-WIRE VG COMBINATION - "Switch As Is" Conversion Charge - 1st	UNCCC	$54.03	$11.27	$58.43	$54.09	$54.23	$54.09	$54.00	$54.26	$54.13
NRC-2/4-WIRE VG COMBINATION - "Switch As Is" Conversion Charge - Ad	UNCCC	$32.11	$11.27	$26.99	$32.16	$32.24	$32.16	$32.10	$32.25	$32.17
NRC-2/4-WIRE VG COMBINATION - "Switch As Is" Conversion Charge - Di	UNCCC	$0.00	$13.03	$12.61	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
NRC-2/4-WIRE VG COMBINATION - "Switch As Is" Conversion Charge - Di	UNCCC	$0.00	$13.03	$12.61	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Interoffice Channel - Dedicated - DS0 - 64kbps										
Interoffice Channel - Dedicated - DS0 - 64kbps - per mile per month	1L5XX	$0.03	$0.0100	$0.02	$0.0301	$0.04	$0.03	$0.03	$0.04	$0.17
Interoffice Channel - Dedicated - DS0 - 64 kbps - Facility Termination per m	U1TD6	$17.81	$19.46	$16.45	$26.95	$18.37	$20.84	$17.40	$20.71	$17.74
NRC - Ordinarily Combined in GA (Note 5)										

BELLSOUTH TECHNOLOGY RATES
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New EEL rates are the sum of the individual UNE network elements
(interoffice transport and loop [channelization if applicable].

Description	Code									
NRC - 4-wire 64kbps Interoffice Channel - Facility Termination - 1st	U1TD6	NA	NA	$79.61	NA	NA	NA	NA	NA	NA
NRC - 4-wire 64 kbps Interoffice Channel - Facility Termination - Add'l	U1TD6	NA	NA	$36.08	NA	NA	NA	NA	NA	NA
NRC - Electronic Svc Order, per LSR	SOMEC	NA	NA	$3.50	NA	NA	NA	NA	NA	NA
NRC - 4-wire 64 kbps Interoffice Channel - Incremental Charge—Manual Svc	SOMAN	NA	NA	$18.94	NA	NA	NA	NA	NA	NA
NRC - 4-wire 64 kbps Interoffice Channel - Incremental Charge—Manual Svc	SOMAN	NA	NA	$18.94	NA	NA	NA	NA	NA	NA
NRC - 4-wire 64 kbps Interoffice Channel - Incremental Charge—Manual Svc	SOMAN	NA	NA	NA	NA	NA	NA	NA	NA	NA
NRC - 4-wire 64 kbps Interoffice Channel - Incremental Charge—Manual Svc	SOMAN	NA	NA	NA	NA	NA	NA	NA	NA	NA
NRC-All Existing Combination "Switch As Is" Conversion Charge (Note 6)										
NRC-2/4-WIRE VG COMBINATION - "Switch As Is" Conversion Charge - 1st	UNCCC	$54.03	$11.27	$58.43	$54.09	$54.23	$54.09	$54.00	$54.26	$54.13
NRC-2/4-WIRE VG COMBINATION - "Switch As Is" Conversion Charge - Ad	UNCCC	$32.11	$11.27	$26.99	$32.16	$32.24	$32.16	$32.10	$32.25	$32.17
NRC-2/4-WIRE VG COMBINATION - "Switch As Is" Conversion Charge - Di	UNCCC	$0.00	$13.03	$12.61	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
NRC- 2/4-WIRE VG COMBINATION - "Switch As Is" Conversion Charge - Di	UNCCC	$0.00	$13.03	$12.61	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Interoffice Channel - Dedicated - DS1										
Interoffice Channel - Dedicated - DS1 - per mile per month	1L5XX	$0.69	$0.2035	$0.31	$0.45	$0.78	$0.66	$0.08	$0.76	$0.35
Interoffice Channel - Dedicated - DS1 - Facility Termination per month	U1TF1	$79.69	$93.31	$83.39	$55.05	$83.40	$74.40	$71.29	$94.98	$75.83
NRC - Ordinarily Combined in GA (Note 5)										
NRC - DS1 Interoffice Channel - Facility Termination - 1st	U1TF1	NA	NA	$189.57	NA	NA	NA	NA	NA	NA
NRC - DS1 Interoffice Channel - Facility Termination - Add'l	U1TF1	NA	NA	$112.77	NA	NA	NA	NA	NA	NA
NRC - Electronic Svc Order, per LSR	SOMEC	NA	NA	$3.50	NA	NA	NA	NA	NA	NA
NRC - DS1 Interoffice Channel - Incremental Charge—Manual Svc Order - 1st	SOMAN	NA	NA	$23.98	NA	NA	NA	NA	NA	NA
NRC - DS1 Interoffice Channel - Incremental Charge—Manual Svc Order - Ad	SOMAN	NA	NA	$17.77	NA	NA	NA	NA	NA	NA
NRC - DS1 Interoffice Channel - Incremental Charge—Manual Svc Order - Di	SOMAN	NA	NA	$15.13	NA	NA	NA	NA	NA	NA
NRC - DS1 Interoffice Channel - Incremental Charge—Manual Svc Order - Di	SOMAN	NA	NA	$7.02	NA	NA	NA	NA	NA	NA
NRC-All Existing Combination "Switch As Is" Conversion Charge (Note 6)										
NRC-DS1 COMBINATION - "Switch As Is" Conversion Charge - 1st	UNCCC	$54.03	$11.27	$58.43	$54.09	$54.23	$54.09	$54.00	$54.26	$54.13
NRC-DS1 COMBINATION - "Switch As Is" Conversion Charge - Add'l	UNCCC	$32.11	$11.27	$26.99	$32.16	$32.24	$32.16	$32.10	$32.25	$32.17
NRC- DS1 COMBINATION - "Switch As Is" Conversion Charge - Disconnect	UNCCC	$0.00	$13.03	$12.61	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
NRC- DS1 COMBINATION - "Switch As Is" Conversion Charge - Disconnect	UNCCC	$0.00	$13.03	$12.61	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Interoffice Channel - Dedicated - DS3 - per mile per month	1L5XX	$4.98	$4.25	$6.46	$12.06	$16.15	$13.48	$12.98	$19.14	$6.88
Interoffice Channel - Dedicated - DS3 - Facility Termination per month	U1TF3	$896.15	$1,130	$717.80	$1,112.02	$1,131.09	$686.84	$720.38	$904.49	$940.61
NRC - Ordinarily Combined in GA (Note 5)										
NRC - DS3 Interoffice Channel - Facility Termination - 1st	U1TF3	NA	NA	$578.97	NA	NA	NA	NA	NA	NA
NRC - DS3 Interoffice Channel - Facility Termination - Add'l	U1TF3	NA	NA	$312.17	NA	NA	NA	NA	NA	NA
NRC - Electronic Svc Order, per LSR	SOMEC	NA	NA	$3.50	NA	NA	NA	NA	NA	NA
NRC - DS3 Interoffice Channel - Incremental Charge—Manual Svc Order - 1st	SOMAN	NA	NA	$51.27	NA	NA	NA	NA	NA	NA
NRC - DS3 Interoffice Channel - Incremental Charge—Manual Svc Order - Ad	SOMAN	NA	NA	$38.87	NA	NA	NA	NA	NA	NA
NRC - DS3 Interoffice Channel - Incremental Charge—Manual Svc Order - Di	SOMAN	NA	NA	$30.42	NA	NA	NA	NA	NA	NA
NRC - DS3 Interoffice Channel - Incremental Charge—Manual Svc Order - Di	SOMAN	NA	NA	$18.76	NA	NA	NA	NA	NA	NA
NRC-All Existing Combination "Switch As Is" Conversion Charge (Note 6)										
NRC-DS3 COMBINATION - "Switch As Is" Conversion Charge - 1st	UNCCC	$54.03	$11.27	$58.43	$54.09	$54.23	$54.09	$54.00	$54.26	$54.13
NRC-DS3 COMBINATION - "Switch As Is" Conversion Charge - Add'l	UNCCC	$32.11	$11.27	$26.99	$32.16	$32.24	$32.16	$32.10	$32.25	$32.17
NRC - DS3 COMBINATION - "Switch As Is" Conversion Charge - Disconnect	UNCCC	$0.00	$13.03	$12.61	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
NRC- DS3 COMBINATION - "Switch As Is" Conversion Charge - Disconnect	UNCCC	$0.00	$13.03	$12.61	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Interoffice Channel - Dedicated - STS-1										

BELLSOUTH/KNOLOGY RATES
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Description	USOC	C1	C2	C3	C4	C5	C6	C7	C8	C9
New EEL rates are the sum of the Individual UNE network elements										
[(Interoffice transport and loop [channelization if applicable].										
Interoffice Channel - Dedicated - STS-1 - per mile per month	1L5XX	$4.98	$9.32	$2.75	$12.62	$14.04	$15.02	$12.98	$8.13	$5.89
Interoffice Channel - Dedicated - STS-1 - Facility Termination per month	U1TFS	$898.15	$569.67	$798.59	$1,204	$1,101	$744.38	$720.38	$967.70	$760.20
NRC - Ordinarily Combined In GA (Note 5)										
NRC - STS-1 Interoffice Channel - Facility Termination - 1st	U1TFS	NA	NA	$840.32	NA	NA	NA	NA	NA	NA
NRC - STS-1 Interoffice Channel - Facility Termination - Add'l	U1TFS	NA	NA	$575.26	NA	NA	NA	NA	NA	NA
NRC - Electronic Svc Order, per LSR	SOMEC	NA	NA	$3.50	NA	NA	NA	NA	NA	NA
NRC - STS-1 Interoffice Channel - Incremental Charge--Manual Svc Order -	SOMAN	NA	NA	$37.96	NA	NA	NA	NA	NA	NA
NRC - STS-1 Interoffice Channel - Incremental Charge--Manual Svc Order - A	SOMAN	NA	NA	$37.96	NA	NA	NA	NA	NA	NA
NRC - STS-1 Interoffice Channel - Incremental Charge--Manual Svc Order - D	SOMAN	NA	NA	$18.23	NA	NA	NA	NA	NA	NA
NRC - STS-1 Interoffice Channel - Incremental Charge--Manual Svc Order - D	SOMAN	NA	NA	$18.23	NA	NA	NA	NA	NA	NA
NRC-All Existing Combination "Switch As Is" Conversion Charge (Note 6)										
NRC-STS-1 COMBINATION - "Switch As Is" Conversion Charge - 1st	UNCCC	$54.03	$11.27	$58.43	$54.09	$54.23	$54.09	$54.00	$54.28	$54.13
NRC-STS-1 COMBINATION - "Switch As Is" Conversion Charge - Add'l	UNCCC	$32.11	$11.27	$26.99	$32.16	$32.24	$32.16	$32.10	$32.25	$32.17
NRC - STS-1 COMBINATION - "Switch As Is" Conversion Charge - Disconne	UNCCC	$0.00	$13.03	$12.61	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
NRC - STS-1 COMBINATION - "Switch As Is" Conversion Charge - Disconne	UNCCC	$0.00	$13.03	$12.61	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Interoffice Channel - OC3										
Interoffice Channel - OC3 - per Mile	1L5XX	$7.35	$8.38	$4.37	$27.97	$23.89	$18.35	$14.10	$9.75	$13.45
Interoffice Channel - OC3 - per Facility Termination	TBA	$2,475	$3,043	$2,187.00	$3,390	$2,990	$1,892.00	$2,071	$2,802	$2,124
NRC - Ordinarily Combined In GA (Note 5)										
NRC - OC3 - Facility Termination - 1st	TBA	NA	NA	$947.69	NA	NA	NA	NA	NA	NA
NRC - OC3 - Facility Termination - Add'l	TBA	NA	NA	$413.00	NA	NA	NA	NA	NA	NA
NRC - OC3 - Facility Termination - Disconnect - 1st	TBA	NA	NA	$122.31	NA	NA	NA	NA	NA	NA
NRC - OC3 - Facility Termination - Disconnect - Add'l	TBA	NA	NA	$119.14	NA	NA	NA	NA	NA	NA
NRC - Electronic Svc Order, per LSR	SOMEC	NA	NA	$3.50	NA	NA	NA	NA	NA	NA
NRC - OC3 - Incremental Charge--Manual Svc Order - 1st	SOMAN	NA	NA	$37.55	NA	NA	NA	NA	NA	NA
NRC - OC3 - Incremental Charge--Manual Svc Order - Add'l	SOMAN	NA	NA	$37.55	NA	NA	NA	NA	NA	NA
NRC - OC3 - Incremental Cost - Manual Svc. Order vs. Elect-Disconnect-1st	SOMAN	NA	NA	$18.03	NA	NA	NA	NA	NA	NA
NRC - OC3 -Incremental Cost - Manual Svc. Order vs. Elect-Disconnect-Add	SOMAN	NA	NA	$18.03	NA	NA	NA	NA	NA	NA
NRC-All Existing Combination "Switch As Is" Conversion Charge (Note 6)										
NRC-OC-3 COMBINATION - "Switch As Is" Conversion Charge - 1st	UNCCC	$54.03	$11.27	$58.43	$54.09	$54.23	$54.09	$54.00	$54.28	$54.13
NRC-OC-3 COMBINATION - "Switch As Is" Conversion Charge - Add'l	UNCCC	$32.11	$11.27	$26.99	$32.16	$32.24	$32.16	$32.10	$32.25	$32.17
NRC-OC-3 COMBINATION - "Switch As Is" Conversion Charge - Disconnec	UNCCC	$0.00	$13.03	$12.61	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
NRC-OC-3 COMBINATION - "Switch As Is" Conversion Charge - Disconnec	UNCCC	$0.00	$13.03	$12.61	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Interoffice Channel - OC12										
Interoffice Channel - OC12 - per Mile	TBA	$19.26	$26.91	$15.05	$84.88	$74.44	$60.42	$30.38	$32.52	$49.80
Interoffice Channel - OC12 - per Facility Termination	TBA	$9,763	$11,685	$9,202.00	$12,344	$11,517	$7,182.00	$2,122	$11,132	$9,015
NRC - Ordinarily Combined In GA (Note 5)										
NRC - OC12 - Facility Termination - 1st	TBA	NA	NA	$1,034.00	NA	NA	NA	NA	NA	NA
NRC - OC12 - Facility Termination - Add'l	TBA	NA	NA	$317.38	NA	NA	NA	NA	NA	NA
NRC - OC12 - Facility Termination - Disconnect - 1st	TBA	NA	NA	$122.31	NA	NA	NA	NA	NA	NA
NRC - OC12 - Facility Termination - Disconnect - Add'l	TBA	NA	NA	$119.14	NA	NA	NA	NA	NA	NA
NRC - Electronic Svc Order, per LSR	SOMEC	NA	NA	$3.50	NA	NA	NA	NA	NA	NA
NRC - OC12 - Incremental Charge - Manual Svc Order - 1st	SOMAN	NA	NA	$37.55	NA	NA	NA	NA	NA	NA
NRC -OC12 - Incremental Charge - Manual Svc Order - Add'l	SOMAN	NA	NA	$37.55	NA	NA	NA	NA	NA	NA
NRC - OC12 - Incremental Cost-Manual Svc. Order vs. Elect-Disconnect-1st	SOMAN	NA	NA	$18.03	NA	NA	NA	NA	NA	NA
NRC - OC12 - Incremental Cost-Manual Svc. Order vs. Elect-Disconnect-Add	SOMAN	NA	NA	$18.03	NA	NA	NA	NA	NA	NA

BELLSOUTH/KNOLOGY RATES
NETWORK ELEMENTS
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Attachment 2
Exhibit D
Rates - Page 71

New EEL rates are the sum of the individual UNE network elements
(Interoffice transport and loop [channelization if applicable].

Description	USOC									
NRC-All Existing Combination "Switch As Is" Conversion Charge (Note 6)										
NRC-OC-12 COMBINATION - "Switch As Is" Conversion Charge - 1st	UNCCG	$54.03	$11.27	$58.43	$54.09	$54.23	$54.09	$54.00	$54.26	$54.13
NRC-OC-12 COMBINATION - "Switch As Is" Conversion Charge - Add'l	UNCCC	$32.11	$11.27	$26.99	$32.16	$32.24	$32.16	$32.10	$32.25	$32.17
NRC-OC-12 COMBINATION - "Switch As Is" Conversion Charge - Disconne	UNCCC	$0.00	$13.03	$12.61	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
NRC-OC-12 COMBINATION - "Switch As Is" Conversion Charge - Disconne	UNCCC	$0.00	$13.03	$12.61	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Interoffice Channel - OC48										
Interoffice Channel - OC48 - per Mile	TBA	$30.65	$34.68	$25.70	$138.02	$128.59	$102.43	$120.02	$45.92	$106.55
Interoffice Channel - OC48 - per Facility Termination	TBA	$11,691	$12,554	$11,134.00	$16,017	$14,950	$11,480.00	$1,677	$967.58	$11,632
Interoffice Channel - OC12 Interface on OC48 Facility	TBA	$1,424	$1,206	$1,137.00	$1,497	$1,451	$1,351.00	$582.88	$1,561	$1,170
NRC - Ordinarily Combined in GA (Note 5)										
NRC - OC48 - Facility Termination - 1st	TBA	NA	NA	$1,034.00	NA	NA	NA	NA	NA	NA
NRC - OC48 - Facility Termination - Add'l	TBA	NA	NA	$317.38	NA	NA	NA	NA	NA	NA
NRC - OC48 - Interface OC12 on OC-48 - 1st	TBA	NA	NA	$539.36	NA	NA	NA	NA	NA	NA
NRC - OC48 - Interface OC12 on OC-48 - Add'l	TBA	NA	NA	$317.38	NA	NA	NA	NA	NA	NA
NRC - OC48 - Facility Termination - Disconnect - 1st	TBA	NA	NA	$122.31	NA	NA	NA	NA	NA	NA
NRC - OC48 - Facility Termination - Disconnect - Add'l	TBA	NA	NA	$119.14	NA	NA	NA	NA	NA	NA
NRC - OC48 - Interface OC12 on OC48 - Disconnect - 1st	TBA	NA	NA	$122.31	NA	NA	NA	NA	NA	NA
NRC - OC48 - Interface OC12 on OC48 - Disconnect - Add'l	TBA	NA	NA	$37.55	NA	NA	NA	NA	NA	NA
NRC - Electronic Svc Order, per LSR	SOMEC	NA	NA	$3.50	NA	NA	NA	NA	NA	NA
NRC - OC48 - Facility Termination-Manual Svc Order vs Electronic-Disconne	SOMAN	NA	NA	$37.55	NA	NA	NA	NA	NA	NA
NRC - OC48 - Facility Termination-Manual Svc Order vs Electronic-Disconne	SOMAN	NA	NA	$37.55	NA	NA	NA	NA	NA	NA
NRC - OC48 - Interface - Manual Svc Order vs Electronic-Disconnect-1st	SOMAN	NA	NA	$37.65	NA	NA	NA	NA	NA	NA
NRC - OC48 - Interface - Manual Svc Order vs Electronic-Disconnect-Add'l	SOMAN	NA	NA	$18.03	NA	NA	NA	NA	NA	NA
NRC - OC-48 - Incremental Charge-Manual Svc Order-1st	SOMAN	NA	NA	$18.03	NA	NA	NA	NA	NA	NA
NRC - OC-48 - Incremental Charge-Manual Svc Order-Add'l	SOMAN	NA	NA	$18.03	NA	NA	NA	NA	NA	NA
NRC - OC-48 - Interface OC12 on OC48 - Incremental Charge-Manual Svc O	SOMAN	NA	NA	$18.03	NA	NA	NA	NA	NA	NA
NRC - OC-48 - Interface OC12 on OC48 - Incremental Charge-Manual Svc O	SOMAN	NA	NA	$18.03	NA	NA	NA	NA	NA	NA
NRC-All Existing Combination "Switch As Is" Conversion Charge (Note 6)										
NRC-OC-48 COMBINATION - "Switch As Is" Conversion Charge - 1st	UNCCC	$54.03	$11.27	$58.43	$54.09	$54.23	$54.09	$54.00	$54.26	$54.13
NRC-OC-48 COMBINATION - "Switch As Is" Conversion Charge - Add'l	UNCCC	$32.11	$11.27	$26.99	$32.16	$32.24	$32.16	$32.10	$32.25	$32.17
NRC-OC-48 COMBINATION - "Switch As Is" Conversion Charge - Disconne	UNCCC	$0.00	$13.03	$12.61	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
NRC-OC-48 COMBINATION - "Switch As Is" Conversion Charge - Disconne	UNCCC	$0.00	$13.03	$12.61	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Channelization:										
DS3 Channelization										
DS3 Channelized System per month	MQ3	$225.36	$222.61	$202.91	$236.32	$245.84	$229.30	$226.81	$200.01	$222.98
DS3 Interface per month (DS1 COCI)	UC1D1	$17.22	$14.51	$0.67	$8.52	$7.55	$5.58	$4.61	$11.99	$3.91
NRC - Ordinarily Combined in GA (Note 5)										
NRC - DS3 Channelization - 1st	MQ3	NA	NA	$241.14	NA	NA	NA	NA	NA	NA
NRC - DS3 Channelization - Add'l	MQ3	NA	NA	$130.02	NA	NA	NA	NA	NA	NA
NRC - Channel Activation - 1st	UC1D1	NA	NA	$12.15	NA	NA	NA	NA	NA	NA
NRC - Channel Activation - Add'l	UC1D1	NA	NA	$8.76	NA	NA	NA	NA	NA	NA
NRC - Electronic Svc Order, per LSR	SOMEC	NA	NA	$3.50	NA	NA	NA	NA	NA	NA
NRC - DS3 Channelization - Incremental Charge-Manual Svc Order - 1st	SOMAN	NA	NA	$14.91	NA	NA	NA	NA	NA	NA
NRC - DS3 Channelization - Incremental Charge-Manual Svc Order - Add'l	SOMAN	NA	NA	$6.83	NA	NA	NA	NA	NA	NA
NRC - DS3 Channelization - Incremental Charge-Manual Svc Order - Discon	SOMAN	NA	NA	$10.88	NA	NA	NA	NA	NA	NA
NRC - DS3 Channelization - Incremental Charge-Manual Svc Order - Discon	SOMAN	NA	NA	$0.00	NA	NA	NA	NA	NA	NA

BELLSOUTH TECHNOLOGY RATES
NETWORK ELEMENTS
AND OTHER SERVICES
ENHANCED EXTENDED LINKS

New EEL rates are the sum of the individual UNE network elements (interoffice transport and loop (channelization if applicable).

Description	USOC									
NRC-All Existing Combination - "Switch As Is" Conversion Charge (Note 6)										
NRC-STS-1 COMBINATION - "Switch As Is" Conversion Charge - 1st	UNCCC	$54.03	$11.27	$58.43	$54.09	$54.23	$54.09	$54.00	$54.26	$54.13
NRC-STS-1 COMBINATION - "Switch As Is" Conversion Charge - Add'l	UNCCC	$32.11	$11.27	$26.99	$32.16	$32.24	$32.16	$32.10	$32.25	$32.17
NRC- STS-1 COMBINATION - "Switch As Is" Conversion Charge - Disconnect	UNCCC	$0.00	$13.03	$12.61	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
NRC- STS-1 COMBINATION - "Switch As Is" Conversion Charge - Disconnect	UNCCC	$0.00	$13.03	$12.61	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
OR										
NRC-DS3 COMBINATION - "Switch As Is" Conversion Charge - 1st	UNCCC	$54.03	$11.27	$58.43	$54.09	$54.23	$54.09	$54.00	$54.26	$54.13
NRC-DS3 COMBINATION - "Switch As Is" Conversion Charge - Add'l	UNCCC	$32.11	$11.27	$26.99	$32.16	$32.24	$32.16	$32.10	$32.25	$32.17
NRC- DS3 COMBINATION - "Switch As Is" Conversion Charge - Disconnect	UNCCC	$0.00	$13.03	$12.61	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
NRC- DS3 COMBINATION - "Switch As Is" Conversion Charge - Disconnect	UNCCC	$0.00	$13.03	$12.61	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
DS1 Channelization										
DS1 Channelized System per month	MQ1	$136.82	$154.74	$18.23	$200.01	$209.87	$146.87	$177.72	$147.51	$165.21
OCU-DP (data) interface card per month (2.4-64kbs)	1D1DD	$1.66	$2.22	$1.06	$2.94	$3.12	$2.86	$2.88	$2.34	$2.46
VG interface card per month	1D1VG	$0.8586	$1.46	$2.67	$1.40	$1.62	$1.45	$1.64	$1.47	$1.25
2-wire ISDN(BRITE card) per month	UC1CA	$3.41	$3.86	$3.41	$4.04	$4.18	$3.88	$3.78	$4.21	$3.33
NRC- Ordinarily Combined in GA (Note 5)										
NRC - DS1 Channelization - 1st	MQ1	NA	NA	$138.85	NA	NA	NA	NA	NA	NA
NRC - DS1 Channelization - Add'l	MQ1	NA	NA	$92.34	NA	NA	NA	NA	NA	NA
NRC - Channel Activation VG - 1st	1D1VG	NA	NA	$12.15	NA	NA	NA	NA	NA	NA
NRC - Channel Activation VG - Add'l	1D1VG	NA	NA	$8.76	NA	NA	NA	NA	NA	NA
NRC - Channel Activation OCU-DP - 1st	1D1DD	NA	NA	$12.15	NA	NA	NA	NA	NA	NA
NRC - Channel Activation OCU-DP - Add'l	1D1DD	NA	NA	$8.76	NA	NA	NA	NA	NA	NA
NRC - Channel Activation BRITE - 1st	UCICA	NA	NA	$12.15	NA	NA	NA	NA	NA	NA
NRC - Channel Activation BRITE - Add'l	UCICA	NA	NA	$8.78	NA	NA	NA	NA	NA	NA
NRC - Electronic Svc Order, per LSR	SOMEC	NA	NA	$3.50	NA	NA	NA	NA	NA	NA
NRC - DS1 Channelization - Incremental Charge-Manual Svc Order - 1st	SOMAN	NA	NA	$34.00	NA	NA	NA	NA	NA	NA
NRC - DS1 Channelization - Incremental Charge-Manual Svc Order - Add'l	SOMAN	NA	NA	$27.79	NA	NA	NA	NA	NA	NA
NRC - DS1 Channelization - Incremental Charge -Manual Svc Order - Discon	SOMAN	NA	NA	$20.10	NA	NA	NA	NA	NA	NA
NRC - DS1 Channelization - Incremental Charge -Manual Svc Order - Discon	SOMAN	NA	NA	$11.98	NA	NA	NA	NA	NA	NA
NRC-All Existing Combination "Switch As Is" Conversion Charge (Note 6)										
NRC-DS1 COMBINATION - "Switch As Is" Conversion Charge - 1st	UNCCC	$54.03	$11.27	$58.43	$54.09	$54.23	$54.09	$54.00	$54.26	$54.13
NRC-DS1 COMBINATION - "Switch As Is" Conversion Charge - Add'l	UNCCC	$32.11	$11.27	$26.99	$32.16	$32.24	$32.16	$32.10	$32.25	$32.17
NRC- DS1 COMBINATION - "Switch As Is" Conversion Charge - Disconnect	UNCCC	$0.00	$13.03	$12.61	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
NRC- DS1 COMBINATION - "Switch As Is" Conversion Charge - Disconnect	UNCCC	$0.00	$13.03	$12.61	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Access to DCS - Customer Reconfiguration (FlexServ)										
DS1 DSC Termination with DS0 Switching	TBD	$28.72	TBD	$22.66	TBD	TBD	TBD	TBD	TBD	TBD
DS1 DSC Termination with DS1 Switching	TBD	$12.23	TBD	$8.64	TBD	TBD	TBD	TBD	TBD	TBD
DS3 DSC Termination with DS1 Switching	TBD	$154.31	TBD	$151.85	TBD	TBD	TBD	TBD	TBD	TBD
NRC - Ordinarily Combined in GA:										
NRC - Customer Configuration Establishment	TBD	$2.97	TBD	$2.91	TBD	TBD	TBD	TBD	TBD	TBD
NRC - Customer Configuration Establishment - Disconnect	TBD	$3.44	TBD	$3.36	TBD	TBD	TBD	TBD	TBD	TBD
NRC - DS1 DSC Termination with DS0 Switching - 1st	TBD	$61.50	TBD	$32.07	TBD	TBD	TBD	TBD	TBD	TBD
NRC - DS1 DSC Termination with DS0 Switching - Add'l	TBD	$39.64	TBD	$31.49	TBD	TBD	TBD	TBD	TBD	TBD
NRC - DS1 DSC Termination with DS0 Switching - Disconnect - 1st	TBD	$31.06	TBD	$20.16	TBD	TBD	TBD	TBD	TBD	TBD
NRC - DS1 DSC Termination with DS0 Switching - Disconnect - Add'l	TBD	$24.98	TBD	$20.16	TBD	TBD	TBD	TBD	TBD	TBD
NRC - DS1 DSC Termination with NRC- DS1 Switching - 1st	TBD	$37.23	TBD	$18.07	TBD	TBD	TBD	TBD	TBD	TBD

BELLSOUTH TECHNOLOGY RATES
NETWORK ELEMENTS
AND OTHER SERVICES
ENHANCED EXTENDED LINKS

New EEL rates are the sum of the individual UNE network elements
(Interoffice transport and loop [channelization if applicable].

Description	Type									
NRC- DS1 DSC Termination with NRC- DS1 Switching - Add'l	TBD	TBD	$25.36	$17.49	TBD	TBD	TBD	TBD	TBD	TBD
NRC- DS1 DSC Termination with NRC- DS1 Switching - Disconnect - 1st	TBD	TBD	$22.81	$12.10	TBD	TBD	TBD	TBD	TBD	TBD
NRC- DS1 DSC Termination with NRC- DS1 Switching - Disconnect - Add'l	TBD	TBD	$16.73	$12.10	TBD	TBD	TBD	TBD	TBD	TBD
NRC- DS1 DSC Termination with DS1 Switching - 1st	TBD	TBD	$51.50	$32.07	TBD	TBD	TBD	TBD	TBD	TBD
NRC- DS3 DSC Termination with DS1 Switching - Add'l	TBD	TBD	$39.64	$31.49	TBD	TBD	TBD	TBD	TBD	TBD
NRC- DS3 DSC Termination with DS1 Switching - Disconnect - 1st	TBD	TBD	$31.06	$20.16	TBD	TBD	TBD	TBD	TBD	TBD
NRC- DS3 DSC Termination with DS1 Switching - Disconnect - Add'l	TBD	TBD	$24.98	$20.16	TBD	TBD	TBD	TBD	TBD	TBD
NRC-All Existing Combination "Switch As Is" Conversion Charge (Note 6)										
NRC-DS1 COMBINATION - "Switch As Is" Conversion Charge - 1st	UNCCC	$54.03	$11.27	$58.43	$54.23	$54.09	$54.09	$54.00	$54.26	$54.13
NRC-DS1 COMBINATION - "Switch As Is" Conversion Charge - Add'l	UNCCC	$32.11	$11.27	$26.99	$32.24	$32.16	$32.16	$32.10	$32.25	$32.17
NRC- DS1 COMBINATION - "Switch As Is" Conversion Charge - Disconnect	UNCCC	$0.00	$13.03	$12.61	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
NRC- DS1 COMBINATION - "Switch As Is" Conversion Charge - Disconnect	UNCCC	$0.00	$13.03	$12.61	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00

Notes :

1 Deaveraged Rates will be effective May 1, 2000

2 New EELs will only be available in the State of Georgia and in density Zone 1 of the following MSAs in the BellSouth Region:

Florida - Miami, Orlando, Ft. Lauderdale

Louisiana - New Orleans

N. Caroline - Greensboro, Charlotte

Tennessee - Nashville

3 Unapproved rates are subject to true up.

4 Add together the recurring rates of all the applicable network elements in order to obtain total monthly recurring rate.

* Examples:

- 2-wire VG Loop + Voice Grade Interface Card + DS1 Channelization System + DS1 Interoffice Channel

- DS1 Loop + DS1 Interface Card + DS3 Channelization System + DS3 Interoffice Channel

- DS3 Local Channel + DS3 Interoffice Channel + DS3 Channelization System + DS1 Interface Card

5 The Ordinarily Combined in GA NRC applies to new combinations within the State of Georgia.

6 The "Switch As Is" NRC is a conversion charge. One SAI charge is applicable per circuit.

BELLSOUTH/KNOLOGY RATES
NETWORK ELEMENTS
AND OTHER SERVICES
OSS/SWA 8XX/DATABASES

DESCRIPTION	USOC	AL	FL	GA	KY	LA	MS	NC	SC	TN
Operational Support Systems										
Recovery of Incremental OSS costs, per CLP, per month	TBD	NA	NA	NA	NA	NA	NA	$305.00	NA	NA
RC - OSS OLEC Daily Usage File: Recording, Per Message	TBD	$0.0002	$0.008	$0.0001275	$0.0008611	$0.00019	$0.0001179	$0.0003	$0.0002862	$0.008
RC - OSS OLEC Daily Usage File: Message Processing, Per Message	TBD	$0.0033	$0.004	$0.0082548	$0.0032357	$0.0024	$0.0003209	$0.0032	$0.0032344	$0.004
RC - OSS OLEC Daily Usage File: Message Distribution, Per Magnetic Tape	TBD	$55.19	$54.95	$28.85	$55.88	$47.3000	$54.62	$54.61	$54.72	$54.95
RC - OSS OLEC Daily Usage File: Data Transmission (CONNECT:DIRECT), Per	TBD	$0.00004	$0.001	$0.0000434	$0.0000365	$0.0000300	$0.0000354	$0.00004	$0.0000357	$0.001
Access Daily Usage File (ADUF)										
RC - ADUF, Message Processing, per message	TBD	$0.004	$0.004	$0.0136327	$0.004	$0.004	$0.004	$0.004	$0.004	$0.004
RC - ADUF, Message Distribution, per Magnetic Tape provisioned	TBD	NA	NA	NA	NA	NA	NA	NA	NA	NA
RC - ADUF, Data Transmission (CONNECT:DIRECT), per message	TBD	$0.001	$0.001	$0.0000434	$0.001	$0.0000305	$0.001	$0.001	$0.001	$0.001
Enhanced Optional Daily Usage File (EODUF)										
Enhanced Optional Daily Usage File: Message Processing, Per Message	TBD	$0.004	$0.004	$0.0034655	$0.004	$0.004	$0.004	$0.004	$0.004	$0.004
Enhanced Optional Daily Usage File: Message Processing, per magnetic tape	TBD	NA	NA	NA	NA	NA	NA	NA	NA	NA
Enhanced Optional Daily Usage File: Data Transmission (CONNECT:DIRECT), per	TBD	NA	NA	NA	NA	NA	NA	NA	NA	NA
SWA 8XX Toll Free Dialing Ten Digit Screening Service (Note 1)										
8XX Access Ten Digit Screening (all types), per call (Note 2)	N/A	$0.0005	TBD	$0.0004868	NA	$0.0005305	$0.0005321	$0.00050	$0.0005227	NA
8XX Access Ten Digit Screening Svc. W/8XX No. Delivery										
per query	N/A	NA	NA	NA	$0.0010	NA	NA	$0.00365	NA	$0.004
for 8XX Numbers, with Optional Complex Features, per query	N/A	NA	NA	NA	$0.0011	NA	NA	$0.00431	NA	$0.004
8XX Access Ten Digit Screening Svc. W/POTS No. Delivery										
per query	N/A	NA	NA	NA	$0.0010	NA	NA	$0.00383	NA	$0.004
with Optional Complex Features, per query	N/A	NA	NA	NA	$0.0011	NA	NA	$0.00431	NA	$0.004
8XX Access Ten Digt Screening Svc. W/800 No. Delivery										
per message	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA
for 8XX Numbers, w/Optional Complex Features, per message	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA
8XX Access Ten Digit Screening Svc. W/POTS No. Delivery										
per message	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA
with Optional Complex Features, per message	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA
Reservation Charge per 8XX number reserved	N8R1X	$7.13	NA	$6.57	$10.05	$6.29	$8.46	$7.05	$6.38	$30.00
NRC - 1st	N8R1X	$0.97	NA	$0.76	$1.19	$0.73	$0.96	$0.98	$0.9583	$0.50
NRC - Add'l	SOMAN	$27.37	NA	$18.94	NA	$18.14	$25.52	$26.94	$27.84	NA
NRC - Incremental Charge - Manual Service Order - 1st	SOMAN	NA	NA	NA	NA	NA	NA	NA	NA	NA
NRC - Incremental Charge - Manual Service Order - Add'l										
Per 8XX # Established w/o POTS (w/8XX No.) Translations										
NRC - 1st	N/A	$15.88	NA	$12.81	$30.59	$12.27	$17.04	$23.82	$22.63	$67.50
NRC - Add'l	N/A	$1.97	NA	$1.45	$3.22	$1.39	$1.93	$2.73	$2.73	$1.50
NRC - Disconnect Charge - 1st	N/A	$10.04	NA	NA	NA	$8.30	$11.32	NA	$42.95	NA
NRC - Disconnect Charge - Add'l	N/A	$0.97	NA	NA	NA	$0.73	$0.96	NA	NA	NA
NRC - Incremental Charge - Manual Service Order - 1st	SOMAN	$27.37	NA	$18.94	NA	$18.14	$25.52	$41.35	NA	NA
NRC - Incremental Charge - Manual Service Order - Add'l	SOMAN	NA	NA	NA	NA	NA	NA	NA	NA	NA
NRC - Incremental Charge - Manual Service Order - Disconnect	SOMAN	$17.75	NA	NA	NA	$11.40	$16.05	NA	NA	NA
Per 8XX # Established with POTS Translations										
NRC - 1st	N8FTX	$15.88	NA	$12.81	$30.59	$12.27	$17.04	$23.82	$22.63	$67.50
NRC - Add'l	N8FTX	$1.97	NA	$1.45	$3.22	$1.39	$1.93	$2.73	$2.73	$1.50
NRC - Disconnect Charge - 1st	N8FTX	$10.04	NA	NA	NA	$8.30	$11.32	NA	$42.95	NA
NRC - Disconnect Charge - Add'l	N8FTX	$0.97	NA	NA	NA	$0.73	$0.96	NA	NA	NA
NRC - Incremental Charge - Manual Service Order - 1st	SOMAN	$27.37	NA	$18.94	NA	$18.14	$25.52	$41.35	NA	NA
NRC - Incremental Charge - Manual Service Order - Add'l	SOMAN	NA	NA	NA	NA	NA	NA	NA	NA	NA
NRC - Incremental Charge - Manual Service Order - Disconnect	SOMAN	$17.75	NA	NA	NA	$11.40	$16.05	NA	NA	NA
Customized Area of Service per 8XX Number										
NRC - 1st	N8FCX	$5.69	NA	$4.46	$6.97	$4.27	$5.63	$5.63	$5.84	$3.00
NRC - Add'l	N8FCX	$2.85	NA	$2.23	$3.49	$2.14	$2.81	$2.82	$2.82	$1.50
NRC - Incremental Charge - Manual Service Order - 1st	SOMAN	NA	NA	NA	NA	NA	NA	NA	NA	NA
NRC - Incremental Charge - Manual Service Order - Add'l	SOMAN	NA	NA	NA	NA	NA	NA	NA	NA	NA

BELLSOUTH TECHNOLOGY RATES
NETWORK ELEMENTS
AND OTHER SERVICES
OSS/SWA 8XX/DATABASES

DESCRIPTION	USOC	AL	FL	GA	KY	LA	MS	NC	SC	TN
Multiple Inter LATA Carrier Routing, per Carrier Requested per 8XX #										
NRC - 1st	N8FMX	$6.66	NA	$5.22	$8.16	$5.00	$6.59	$6.59	$6.60	$3.50
NRC - Add'l	N8FMX	$3.81	NA	$2.99	$4.67	$2.88	$3.77	$3.77	$3.78	$2.00
NRC - Incremental Charge - Manual Service Order - 1st	SOMAN	NA	NA	NA	NA	NA	NA	NA	NA	NA
NRC - Incremental Charge - Manual Service Order - Add'l	SOMAN	NA	NA	NA	NA	NA	NA	NA	NA	NA
Charge Charge per request										
NRC - 1st	N8FAX	$8.10	NA	$7.33	$11.24	$7.01	$9.42	$8.01	$7.34	$48.50
NRC - Add'l	N8FAX	$0.97	NA	$0.76	$1.19	$0.73	$0.96	$0.96	$0.9583	$0.50
NRC - Incremental Charge - Manual Service Order - 1st	SOMAN	$27.37	NA	$18.94	NA	$18.14	$25.52	$26.94	$27.84	NA
NRC - Incremental Charge - Manual Service Order - Add'l	SOMAN	NA	NA	NA	NA	NA	NA	NA	NA	NA
Call Handling and Destination Features										
NRC - 1st	N8FDX	$5.69	NA	$4.72	$6.97	$4.27	$5.63	$5.63	$5.64	$3.00
NRC - Add'l	N8FDX	NA	NA	$4.46	$6.97	$4.27	$5.63	NA	$5.64	$3.00
LINE INFORMATION DATABASE ACCESS (LIDB)										
LIDB Common Transport per query	OQT	$0.00004	$0.0003	$0.0000338	$0.00006	$0.0000418	$0.0000446	$0.0003	$0.0000442	$0.0003
LIDB Validation per query	OQU	$0.041003	$0.041003	$0.0105974	$0.00938	$0.0103774	$0.0142132	$0.013400	$0.0141003	$0.041003
LIDB Originating Point Code Establishment or Change - NRC	NA	$64.36	NA	$50.30	$107.60	$48.17	$63.63	$91.00	$61.62	NA
NRC - Incremental Charge - Electronic Service Order	TBD	NA	NA	NA	NA	NA	NA	NA	NA	NA
NRC - Incremental Charge - Manual Service Order - 1st	SOMAN	$25.93	NA	$18.94	NA	$18.14	$25.52	$26.94	$27.84	$91.00
NRC - Incremental Charge - Manual Service Order - Add'l	SOMAN	NA	NA	NA	NA	NA	NA	NA	NA	NA
CCS7 SIGNALING TRANSPORT SERVICE										
CCS7 Signaling Connection, per link (A link) per month		$18.79	$5.00	$17.05	$16.31	$19.48	$21.58	$155.00	$21.79	$155.00
NRC		$171.98	$400.00	$131.98	$354.95	$126.34	$169.72	$510.00	$277.07	$510.00
NRC - Disconnect		$135.70		NA	NA	$101.10	$134.08	NA	$42.95	NA
NRC - Incremental Charge - Manual Service Order	SOMAN	$25.93	NA	$18.94	NA	$18.14	$25.52	NA	NA	NA
NRC - Incremental Charge - Manual Service Order - Disconnect	SOMAN	$16.31	NA	NA	NA	$11.40	$16.05	NA	NA	NA
CCS7 Signaling Connection, per link (B link) (also known as D link) per month		$18.79	$5.00	$17.05	$16.31	$19.48	$21.58	$155.00	$21.79	Not available
NRC		$171.98	$400.00	$131.98	$354.95	$126.34	$169.72	$510.00	$277.07	$510.00
NRC - Disconnect		$135.70		NA	NA	$101.10	$134.08	NA	$42.95	NA
NRC - Incremental Charge - Manual Service Order	SOMAN	$25.93	NA	$18.94	NA	$18.14	$25.52	NA	NA	NA
NRC - Incremental Charge - Manual Service Order - Disconnect	SOMAN	$16.31	NA	NA	NA	$11.40	$16.05	NA	NA	NA
CCS7 Signaling Termination, per STP port per month		$148.72	$113.00	$133.99	$174.08	$161.99	$161.12	$132.88	$156.33	$355.00
CCS7 Signaling Usage, per ISUP message (applicable when measurement and billing capability exists.)		$0.00004	$0.00001	$0.0000354	$0.000037893	$0.0000430	$0.0000456	$0.00004	$0.0000452	$0.000023
CCS7 Signaling Usage, per TCAP message (applicable when measurement and billing capability exists.)	SOMAN	$0.0001	$0.00004	$0.0000870	$0.000102042	$0.0001052	$0.0001115	$0.0000009	$0.0001108	$0.00005
CCS7 Signaling Usage Surrogate, per link per LATA per mo (9)		$376.12	$64.00	$340.67	$329.98	$406.71	$406.53	$338.98	$396.55	$395.00
CCS7 Signaling Point Code, Establishment or Change, per STP affected		$62.00	$62.00	$62.00	$62.00	$62.00	$62.00	$62.00	$62.00	$62.00
NRC										
OPERATOR CALL PROCESSING										
Operator Provided Call Handling per min - Using BST LIDB	N/A	$1.21	$1.00	$0.9680296	$1.6016	$0.91	$1.19	$1.20	$1.21	NA
Call Completion Access Termination Charge per call attempt	N/A	$0.08	NA	NA	NA	NA	NA	NA	$0.08	NA
Operator Provided Call Handling per min - Using Foreign LIDB	N/A	$1.25	$1.00	$1.02	$1.6249	$0.96	$1.24	$1.24	$1.25	NA
Call Completion Access Termination Charge per call attempt	N/A	$0.08	NA	NA	NA	NA	NA	NA	$0.08	NA
Operator Provided Call Handling, per call	N/A	$0.11	$0.10	$0.0776409	$0.0856	$0.10	$0.1072864	$0.11	$0.1115908	$0.30
Fully Automated Call Handling per call - Using BST LIDB	N/A	$0.13	$0.10	$0.0976864	$0.1071	$0.12	$0.1253666	$0.12	$0.1293459	$0.15
Fully Automated Call Handling per call - Using Foreign LIDB	USOD1	$7,000.00	$7,000.00	$7,000.00	$7,000.00	$7,000.00	$7,000.00	$7,000.00	$7,000.00	$7,000.00
Professional recording of name (OCP alone)	USOD1	$7,000.00	$7,000.00	$7,000.00	$7,000.00	$7,000.00	$7,000.00	$7,000.00	$7,000.00	$7,000.00
Professional recording of name (DA and OCP alone)	USOD2	$250.00	$250.00	$250.00	$250.00	$250.00	$250.00	$250.00	$250.00	$250.00
DRAM or front-end loading, per TOPS switch	USOD2	$225.00	$225.00	$225.00	$225.00	$225.00	$225.00	$225.00	$225.00	$225.00
AABS or back-end loading, per IVS	USOD2	$270.00	$270.00	$270.00	$270.00	$270.00	$270.00	$270.00	$270.00	$270.00
EBAS or 0- automation loading, per NAV shelf	N/A	$9.61	NA	NA	NA	NA	NA	NA	NA	NA
Recording Charge per Branded Announcement – Disconnect – Initial										

BELLSOUTH/MNOLOGY RATES
NETWORK ELEMENTS
AND OTHER SERVICES
OSS/SWA BXX/DATABASES

DESCRIPTION	USOC	AL	FL	GA	KY	LA	MS	NC	SC	TN
										NA
Recording Charge per Branded Announcement – Disconnect – Subsequent	NA	$9.61	NA	NA	NA	NA	NA	NA	NA	NA
INWARD OPERATOR SERVICES										
Verification, per minute	N/A	$1.16	NA	$0.921083	NA	$0.86	$1.14	$1.15	$1.15	NA
Verification and Emergency Interrupt, per minute	N/A	$1.16	NA	$0.921083	NA	$0.86	$1.14	$1.15	$1.15	NA
Verification, per call	VL	NA	$0.80	NA	$1.00	NA	NA	$0.54	NA	$0.90
Verification and Emergency Interrupt, per call	N/A	NA	$1.00	NA	$1.111	NA	NA	$0.65	NA	$1.95
DIRECTORY ASSISTANCE SERVICES										
Directory Assist Call Completion Access Svc (DACC), per call attempt	NA	$0.10	$0.10	$0.10	$0.10	$0.10	$0.10	$0.082	$0.10	$0.10
Call Completion Access Term charge per completed call	NA	NA	NA	NA	NA	NA	NA	NA	$0.08	NA
Number Services Intercept per query	NA	$0.0235	$0.01	$0.0097497	$0.0086	$0.02	$0.0186268	$0.0110	$0.0124036	$0.15
Number Services Intercept per Intercept Query Update	NA	NA	NA	NA	$0.0055	NA	NA	NA	NA	NA
Directory Assistance Access Service Calls, per call	NA	$0.275	$0.275	$0.275	$0.275	$0.275	$0.275	$0.280000	$0.275	$0.275
Professional recording of name (DA alone)	NA	$3,000.00	$3,000.00	$3,000.00	$3,000.00	$3,000.00	$3,000.00	$3,000.00	$3,000.00	$3,000.00
Professional recording of name (DA and OCP alone)	NA	$7,000.00	$7,000.00	$7,000.00	$7,000.00	$7,000.00	$7,000.00	$7,000.00	$7,000.00	$7,000.00
DRAW or front-end loading, per TOPS switch	NA	$250.00	$250.00	$250.00	$250.00	$250.00	$250.00	$250.00	$250.00	$250.00
ABS or back-end loading, per IVS	NA	$225.00	$225.00	$225.00	$225.00	$225.00	$225.00	$225.00	$225.00	$225.00
EBAS or 0- automation loading, per NAV shelf	NA	$270.00	$270.00	$270.00	$270.00	$270.00	$270.00	$270.00	$270.00	$270.00
Recording Charge per Branded Announcement – Disconnect – Initial	NA	$9.61	NA	NA	NA	NA	NA	NA	NA	NA
Recording Charge per Branded Announcement – Disconnect – Subsequent	NA	$9.61	NA	NA	NA	NA	NA	NA	NA	NA
Directory Transport										
Directory Transport - Local Channel DS1, per month	N/A	$35.52	$43.64	$38.36	$36.32	$43.83	$38.91	$35.68	$37.20	$133.81
NRC - 1st	N/A	$503.57	$242.45	$356.15	$637.46	$339.69	$494.83	$534.48	$534.81	$868.97
NRC - Add'l	N/A	$442.84	$228.44	$312.89	$546.94	$298.29	$435.28	$462.69	$462.81	$486.83
NRC - Disconnect Charge - 1st	N/A	$46.28	NA	NA	NA	$33.02	$46.65	NA	NA	NA
NRC - Disconnect Charge - Add'l	N/A	$32.18	NA	NA	NA	$23.32	$33.02	NA	NA	NA
NRC - Incremental Charge-Manual Svc Order - NRC - 1st	SOMAN	$61.99	NA	$44.22	NA	$42.34	$59.56	$86.15	$87.99	NA
NRC - Incremental Charge-Manual Svc Order - NRC -add'l	TBD	NA	NA	NA	NA	NA	NA	$1.77	NA	NA
NRC - Incremental Charge-Manual Svc Order - NRC-Disconnect	SOMAN	$29.27	NA	NA	NA	$19.48	$27.41	NA	$3.11	NA
Directory Transport - Dedicated DS1 Level Interoffice per mile per mo	N/A	$0.6923	$0.6013	$0.4523	$0.45	$0.78	$0.6598	$0.5753	$0.7598	$23.00
Directory Transport - Dedicated DS1 Level Interoffice per facility termination per mo	N/A	$79.69	$99.79	$78.47	$55.05	$93.40	$74.40	$71.29	$94.98	$90.00
NRC - 1st	N/A	$198.15	$45.91	$147.07	$298.18	$140.49	$198.28	$217.17	$216.27	$100.49
NRC - Add'l	N/A	$148.18	$44.18	$111.75	$231.18	$106.69	$147.31	$163.75	$162.70	$100.49
NRC - Disconnect Charge - 1st	N/A	$25.44	NA	NA	NA	$20.00	$26.56	NA	NA	NA
NRC - Disconnect Charge - Add'l	N/A	$20.42	NA	NA	NA	$16.34	$21.61	NA	NA	NA
NRC - Incremental Charge - Manual Service Order - 1st	SOMAN	$27.37	NA	$18.94	NA	$18.14	$25.52	$38.07	$39.63	NA
NRC - Incremental Charge - Manual Service Order - Add'l	SOMAN	$27.37	NA	NA	NA	$18.14	$25.52	$38.07	$39.63	NA
NRC - Incremental Charge - Manual Service Order - Disconnect - 1st	SOMAN	$12.97	NA	NA	NA	$8.06	$11.34	NA	NA	NA
NRC - Incremental Charge - Manual Service Order - Disconnect - Add'l	SOMAN	$12.97	NA	NA	NA	$8.06	$11.34	NA	NA	NA
Switched Common Transport per DA Access Service per call	NA	$0.0003	$0.0003	$0.0002906	$0.000175	$0.0003274	$0.0002997	$0.00020	$0.000327	NA
Switched Common Transport per DA Access Service per call per mile	NA	$0.00003	$0.00001	$0.0000186	$0.000004	$0.0000175	$0.0000202	$0.00003	$0.0000303	NA
Access Tandem Switching per DA Access Service per call	NA	$0.0023	$0.00055	$0.0019152	$0.00783	$0.0025257	$0.0023713	$0.0021	$0.0024809	NA
DA Interconnection, per DA Access Service Call	NA	$0.00269	NA	$0.00269	NA	NA	NA	$0.00	$0.000269	NA
Directory Transport-Installation NRC, per trunk or signaling connection	NA									NA
NRC - 1st	N/A	$260.69	$206.06	$204.23	$501.98	$195.54	$257.73	NA	$407.81	NA
NRC - Add'l	N/A	$5.95	$4.71	$4.42	$13.32	$4.23	$5.85	NA	$11.00	NA
NRC - Disconnect Charge - 1st	N/A	$173.46	NA	NA	NA	NA	NA	NA	NA	NA
NRC - Disconnect Charge - Add'l	N/A	$5.95	NA	NA	NA	NA	NA	NA	NA	NA
NRC - Incremental Charge - Manual Service Order - 1st	SOMAN	NA	NA	$44.22	NA	$130.05	$171.49	NA	NA	NA
NRC - Incremental Charge - Manual Service Order - Add'l	SOMAN	NA	NA	NA	NA	$4.23	$5.85	$407.53	NA	NA
NRC - Manual Service Order - 1st	TBD	NA	NA	NA	NA	NA	NA	$10.98	NA	NA
NRC - Manual Service Order - Add'l	TBD	NA	NA	NA	NA	NA	NA		NA	NA
Directory Assistance Database Service (DADS)										
Directory Assistance Database Service charge per listing	N/A	$0.0446	$0.001	$0.0445	$0.0193	$0.0443	$0.0447	$0.04460	$0.0444	NA

BELLSOUTH/KNOLOGY RATES
NETWORK ELEMENTS
AND OTHER SERVICES
OSS/SWA 8XX/DATABASES

Attachment 2
Exhibit D
Rates - Page 77

DESCRIPTION	USOC	AL	FL	GA	KY	LA	MS	NC	SC	TN
Directory Assistance Database Service, per month	DBSOF	$128.55	$100.00	$95.50	$120.76	$90.54	$126.17	$126.28	$127.23	NA
Direct Access to Directory Assistance Service (DADAS)										
Direct Access to Directory Assistance Service, per month	DBSDS	$7,055.00	$5,000.00	$5,254.00	$7,235.01	$4,982.00	$6,928.00	$6,930.00	$6,983.00	NA
Direct Access to Directory Assistance Service, per query	DBSDA	$0.0472685	$0.01	$0.0489016	$0.0052	$0.0460	$0.0461338	$0.0456	$0.0468212	NA
Direct Access to Directory Assistance Service, svc estab charge	DBSDE									
NRC	DBSDE	$1,118.00	$820.00	$788.24	$1,186.94	$786.82	$1,097.00	$1,164.00	$1,173.00	NA
NRC - Disconnect	DBSDE	$81.83	NA	NA	NA	NA	NA	NA	NA	NA
NRC - Incremental Charge Manual Service Order - 1st	SOMAN	NA	NA	NA	NA	$57.23	$60.52	NA	NA	NA
AIN (Note 1)										TBD
AIN, per message	CAM	NA	$0.00004	NA	NA	NA	NA	NA	NA	NA
AIN - BellSouth AIN SMS Access Service	CAM									NA
Service Establishment Charge, per state, initial set-up	CAMSE	$197.49	NA	$90.25	NA	$153.31	$174.03	$294.77	$296.16	NA
NRC	CAMSE	$114.22	NA	NA	NA	$78.06	$135.96	NA	NA	NA
NRC - Disconnect										
Port Connection - Dial/Shared Access										
NRC	CAMDP	$64.05	NA	$29.66	NA	$50.07	$53.47	$86.94	$87.29	NA
NRC - Disconnect	CAMDP	$27.04	NA	NA	NA	$18.61	$37.70	NA	NA	NA
Port Connection - ISDN Access										
NRC	CAM1P	$64.05	NA	$29.66	NA	$50.07	$53.47	$86.94	$87.29	NA
NRC - Disconnect	CAM1P	$27.04	NA	NA	NA	$18.61	$37.70	NA	NA	NA
User ID Codes - per User ID Code										
NRC	CAMAU	$141.84	NA	$84.43	NA	$104.95	$129.83	$200.83	$202.08	NA
NRC - Disconnect	CAMAU	$70.05	NA	NA	NA	$48.95	$79.91	NA	NA	NA
Security Card per User ID Code, initial or replacement										
NRC	CAMRC	$142.13	NA	$35.44	NA	$125.33	$131.54	$172.05	$172.26	NA
NRC - Disconnect	CAMRC	$35.26	NA	NA	NA	$24.40	$45.77	NA	NA	NA
Storage, per unit (100Kb)	N/A	$0.0026	NA	$0.0023	NA	$0.0029	$0.0029	$0.0023	$0.0028	NA
Session per minute	N/A	$0.0892	NA	$0.0798604	NA	$0.10	$0.0875650	$0.0791	$0.0942966	NA
CO, Performed Session, per minute						$1.97	$2.09	$2.08	$2.07	NA
AIN - BellSouth AIN Toolkit Service										
AIN, Service Creation Tools	CAMBP	NA	TBD	NA	NA	NA	NA	NA	NA	NA
Service Establishment Charge, per state, initial set-up	BAPSC	$192.69	NA	$88.74	NA	$163.25	$169.31	$290.05	$291.41	NA
NRC	BAPSC	$114.22	NA	NA	NA	$78.05	$135.96	NA	NA	NA
NRC - Disconnect										
Training Session, per customer										
NRC	BAPVX	$8,363.00	NA	$8,348.00	NA	$8,315.00	$8,379.00	$8,363.00	$8,333.00	NA
NRC - Disconnect	BAPVX	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trigger Access Charge, per trigger, per DN, Term. Attempt										
NRC	BAPTT	$49.64	NA	$19.13	NA	$41.08	$39.30	$72.76	$73.02	NA
NRC - Disconnect	BAPTT	$27.04	NA	NA	NA	$18.60	$37.70	NA	NA	NA
Trigger Access Charge, per trigger, per DN, Off-Hook Delay										
NRC	BAPTD	$49.64	NA	$114.80	NA	$41.08	$39.30	$72.76	$73.02	NA
NRC - Disconnect	BAPTD	$27.04	NA	NA	NA	$18.60	$37.70	NA	NA	NA
Trigger Access Charge, per trigger, per DN, Off-Hook Immediate										
NRC	BAPTM	$49.64	NA	$19.13	NA	$41.08	$39.30	$72.76	$73.02	NA
NRC - Disconnect	BAPTM	$27.04	NA	NA	NA	$18.60	$37.70	NA	NA	NA
Trigger Access Charge, per trigger, per DN, 10-Digit PODP										
NRC	BAPTO	$117.98	NA	$70.06	NA	$92.99	$106.90	$149.95	$150.25	NA
NRC - Disconnect	BAPTO	$37.90	NA	NA	NA	$26.73	$48.44	NA	NA	NA
Trigger Access Charge, per trigger, per DN, CDP										
NRC	BAPTC	$117.98	NA	$70.06	NA	$92.99	$106.90	$149.95	$150.25	NA
NRC - Disconnect	BAPTC	$37.90	NA	NA	NA	$26.73	$48.44	NA	NA	NA
Trigger Access Charge, per trigger, per DN, Feature Code										

BELLSOUTH TECHNOLOGY RATES
NETWORK ELEMENTS
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OSS/SWA BXD/DATABASES

DESCRIPTION	USOC	AL	FL	GA	KY	LA	MS	NC	SC	TN
NRC	BAPTF	$117.98	NA	$70.06	NA	$92.99	$106.90	$149.95	$150.25	NA
NRC - Disconnect	BAPTF	$37.90	NA	NA	NA	$26.73	$48.44	NA	$48.44	NA
Query Charge, per query		$0.024	NA	$0.0209223	NA	$0.03	$0.0256138	$0.02	$0.0250882	NA
Type 1 Node Charge, per AIN Toolkit Subscription, per node, per query		$0.006	NA	$0.0053137	NA	$0.0065	$0.0065161	$0.005	$0.0062979	NA
SCP Storage Charge, per SWS Access Alert, per 100 Kb	NA	$1.63	NA	$1.46	NA	$1.79	$1.79	$1.45	$1.73	NA
Monthly Report - per AIN Toolkit Service Subscription	BAPMS	$16.00	NA	$15.96	NA	$15.89	$16.01	$15.98	$15.93	NA
NRC	BAPMS	$44.56	NA	$22.64	NA	$34.61	$44.02	$71.80	$72.15	NA
NRC - Disconnect	BAPMS	$31.84	NA	NA	NA	$21.97	$31.28	NA	NA	NA
Special Study - per AIN Toolkit Service Subscription	BAPLS	$0.10	NA	$0.0861109	NA	$0.08	$0.0810636	$0.08	$0.0872769	NA
NRC	BAPLS	$47.74	NA	$22.64	NA	$37.77	$47.21	$47.20	$47.35	NA
NRC - Disconnect	BAPLS	$15.90	NA	NA	NA	NA	NA	NA	NA	NA
Call Event Report - per AIN Toolkit Service Subscription	BAPDS	$15.90	NA	$15.87	NA	$15.81	$15.93	$15.90	$15.84	NA
NRC	BAPDS	$44.56	NA	$22.64	NA	$34.61	$44.02	$71.80	$72.15	NA
NRC - Disconnect	BAPDS	$31.84	NA	NA	NA	$21.97	$31.28	NA	NA	NA
Call Event special Study - per AIN Toolkit Service Subscription	BAPES	$0.003	NA	$0.0028704	NA	$0.0026	$0.0027018	$0.003	$0.0029092	NA
NRC	BAPES	$47.74	NA	$22.64	NA	$37.77	$47.21	$47.20	$47.35	NA
NRC - Disconnect	BAPES	$15.90	NA	NA	NA	$37.77	NA	NA	NA	NA
CALLING NAME (CNAM) QUERY SERVICE										
CNAM (Database Owner), Per Query	NA	$0.016	$0.016	$0.016	$0.016	$0.016	$0.016	$0.016	$0.016	$0.016
CNAM (Non-Database Owner), Per Query *	NA	$0.01	$0.01	$0.01	$0.01	$0.01	$0.01	$0.01	$0.01	$0.01
NRC, applicable when CLEC-1 uses the Character Based User Interface (CBUI)	NA	$595.00	$595.00	$595.00	$595.00	$595.00	$595.00	$595.00	$595.00	$595.00
* Volume and term arrangements are also available.										
SELECTIVE ROUTING (Note 5)										
Per Line or PBX Trunk, each		NA	NA	NA	$10.00 (interim	NA	NA	NA	NA	TBD
NRC		NA	NA	NA	NA	NA	NA	NA	NA	TBD
Customized routing per unique line class code, per request, per switch	USRCR	$230.60	$229.65	$180.62	$229.65	$229.65	$227.99	$229.65	$226.22	$229.65
NRC - Incremental Charge - Manual Service Order		$25.93	NA	$18.94	NA	NA	$25.52	NA	$27.84	NA
VIRTUAL COLLOCATION										
NRC - Virtual Collocation - Application Cost - Manual	TBD	NA	NA	NA	NA	NA	NA	$3,622.00	NA	NA
NRC - Virtual Collocation - Cable Installation Cost per Cable - Manual	TBD	NA	NA	NA	NA	NA	NA	$2,305.00	NA	NA
RC - Virtual Collocation - Floor space per square feet	TBD	NA	NA	NA	NA	NA	NA	$3.45	NA	NA
RC - Virtual Collocation - Floor space power, per ampere	TBD	NA	NA	NA	NA	NA	NA	$6.65	NA	NA
RC - Virtual Collocation - Cable support structure, per entrance cable	TBD	NA	NA	NA	NA	NA	NA	$18.66	NA	NA
2-wire Cross-Connect										
RC	UEAC2	$0.28	$0.524	$0.30	$0.31	$0.28	$0.3996	$0.09	$0.3648	$0.30
NRC - 1st	UEAC2	$30.76	$11.57	$12.60	$54.21	$23.04	$30.93	$41.78	$41.50	$19.20
NRC - Add'l	UEAC2	$29.40	$11.57	$12.60	$51.07	$22.11	$29.59	$39.23	$38.94	$19.20
NRC - 1st - Manual Service Order	TBD	NA	NA	NA	NA	NA	NA	$4.75	NA	NA
NRC - Add'l - Manual Service Order	TBD	NA	NA	NA	NA	NA	NA	$4.73	NA	NA
NRC - Disconnect - 1st	UEAC2	$12.75	NA	NA	NA	$9.48	$12.76	NA	NA	NA
NRC - Disconnect - Add'l	UEAC2	$11.38	NA	NA	NA	$8.54	$11.43	NA	NA	NA
4-wire Cross-Connect										
RC	UEAC4	$0.56	$0.524	$0.50	$0.62	$0.52	$0.7992	$0.18	$0.7297	$0.50
NRC - 1st	UEAC4	$66.71	$11.57	$12.60	$54.23	$23.23	$31.17	$41.91	$41.56	$19.20
NRC - Add'l	UEAC4	$50.43	$11.57	$12.60	$50.96	$22.24	$29.77	$39.25	$38.90	$19.20
NRC - 1st - Manual Service Order	TBD	NA	NA	NA	NA	NA	NA	$4.73	NA	NA
NRC - Add'l - Manual Service Order	TBD	NA	NA	NA	NA	NA	NA	$4.73	NA	NA
NRC - Disconnect - 1st	UEAC4	$12.82	NA	NA	NA	$9.53	$12.83	NA	NA	NA
NRC - Disconnect - Add'l	UEAC4	$11.39	NA	NA	NA	$8.55	$11.43	NA	NA	NA
2-fiber Cross-Connect										
RC	CNC2F	$12.10	NA	$15.64	$15.64	$19.13	$15.64	$15.99	$15.06	$15.64

BELLSOUTH/KNOLOGY RATES
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DESCRIPTION	USOC	AL	FL	GA	KY	LA	MS	NC	SC	TN
NRC - 1st	CNC2F	$55.46	NA	$41.56	$41.56	$41.07	$41.56	$67.34	$69.28	$41.56
NRC - Add'l	CNC2F	$39.18	NA	$29.82	$29.82	$29.63	$29.82	$48.55	$48.89	$29.82
NRC - Disconnect - 1st	CNC2F	$16.83	NA	NA	NA	$12.84	$12.96	NA	NA	NA
NRC - Disconnect - Add'l	CNC2F	$13.27	NA	NA	NA	$10.29	$10.34	NA	NA	NA
4-Fiber Cross-Connect										
RC	CNC4F	$21.75	NA	$28.11	$28.11	$34.38	$28.11	$28.74	$27.08	$28.11
NRC - 1st	CNC4F	$66.71	NA	$50.53	$50.53	$49.81	$50.53	$82.35	$84.07	$50.53
NRC - Add'l	CNC4F	$50.43	NA	$38.78	$38.78	$38.37	$38.78	$83.56	$63.68	$38.78
NRC - Disconnect - 1st	CNC4F	$21.86	NA	NA	NA	$16.75	$16.97	NA	NA	NA
NRC - Disconnect - Add'l	CNC4F	$18.31	NA	NA	NA	$14.20	$14.35	NA	NA	NA
DS1 Cross-Connects										
RC	TBD	NA	NA	NA	NA	NA	NA	$0.97	NA	NA
NRC - 1st	TBD	NA	NA	NA	NA	NA	NA	$71.02	NA	NA
NRC - Add'l	TBD	NA	NA	NA	NA	NA	NA	$51.08	NA	NA
NRC - Manual Service Order - 1st	TBD	NA	NA	NA	NA	NA	NA	$4.70	NA	NA
NRC - Manual Service Order - Add'l	TBD	NA	NA	NA	NA	NA	NA	$4.70	NA	NA
DS3 Cross-Connects										
RC	TBD	NA	NA	NA	NA	NA	NA	$12.33	NA	NA
NRC - 1st	TBD	NA	NA	NA	NA	NA	NA	$69.84	NA	NA
NRC - Add'l	TBD	NA	NA	NA	NA	NA	NA	$49.43	NA	NA
NRC - Manual Service Order - 1st	TBD	NA	NA	NA	NA	NA	NA	$4.70	NA	NA
NRC - Manual Service Order - Add'l	TBD	NA	NA	NA	NA	NA	NA	$4.70	NA	NA

If no rate is identified in the contract, the rate for the specific service or function will be as set forth in applicable BellSouth tariff or as negotiated by the parties upon request by either party.

1 BellSouth and CLEC shall negotiate rates for this offering. If agreement is not reached within sixty (60) days of the Effective Date, either party may petition the Florida PSC to settle the disputed charge or charges. (FL)

2 This rate element is for those states w/o separate rates for 800 calls with 800 No. Delivery vs. POTS No. Delivery and calls with Optional Complex Features vs. w/o Optional Complex Features.

3 This charge is only applicable where signaling usage measurement or billing capability does not exist.

4 Prices for AIN to be determined upon development of mediation device. (TN)

5 Price for Line Class Codes for Selective Routing shall be determined by the TRA. (TN)

Attachment 3

Network Interconnection

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The Parties shall provide interconnection with each other's networks for the transmission and routing of telephone exchange service (local) and exchange access (intraLATA toll and switched access) on the following terms:

1. **Network Interconnection and the Corresponding Bill and Keep Compensation Mechanism**

All negotiated rates, terms and conditions set forth in this Attachment pertain only to the provision of network interconnection where Knology owns and provides its switch(es).

1.1 Network Interconnection for call transport and termination may be provided by the Parties at any technically feasible point. Requests to BellSouth for interconnection at points other than as set forth in this Attachment may be made through the Bona Fide Request/New Business Request process set out in General Terms and Conditions.

1.2 Interconnection Points

1.2.1 An Interconnection Point (IP) is the physical telecommunications equipment interface that performs the interconnection function for. BellSouth and Knology. Each Party is responsible for providing the network on its side of the IP.

1.2.1.1 Knology shall establish an IP at each BellSouth access tandem in the LATA to which Knology intends to serve and exchange traffic with BellSouth. Knology may satisfy this requirement by establishing a Virtual IP as described in Section 1.2.2.1 below if BellSouth has existing facilities in place. This interconnection shall provide for the exchange of traffic between BellSouth and Knology within the basic local calling areas served by such tandems. It shall also be used by Knology to exchange Transit Traffic with third Parties subtending such tandems, including Interexchange Carriers with whom Knology shall exchange Switched Access Traffic.

1.2.1.2 Geographically Relevant Interconnection Points ("GR-Ips) - In addition to the establishment of IPs at each BellSouth access tandem, BellSouth may require that Knology establish IPs that are geographically relevant to the NXXs (and associated rate centers) assigned by Knology to serve end users within a basic local calling area. Such geographically relevant IP(s), if required, shall be established by Knology at BellSouth local tandems, or if there is not a BellSouth local tandem, at a mutually acceptable BellSouth end office. This interconnection shall provide for the exchange of traffic between BellSouth and Knology end users within such basic local calling areas. Such GR-Ips may be Physical interconnection points

as described in 1.2.1, or Virtual Interconnection Points as described in
1.2.2.1

1.2.1.3   Knology shall notify BellSouth prior to the activation of new NXXs to determine if a geographically relevant IP shall be required, and such IPs shall be established prior to the activation of new NXXs by Knology. If Knology fails to establish such IP(s) as provided herein, then Knology shall be deemed to have established a Virtual Interconnection Point (as described in Section 1.2.2.1 below), and BellSouth shall bill and Knology shall pay nonrecurring and monthly recurring transport charges based on the dedicated interoffice transport rates in Exhibit A. The charges shall be calculated from a designated BellSouth local tandem or end office, pursuant to the previous section and within the basic local calling area where Knology has assigned NXXs, to an existing Knology IP for BellSouth originated traffic from such basic local calling area that is delivered to such existing Knology IP.

1.2.2   Knology shall fulfill its IP obligations set forth herein by establishing collocation arrangements at the applicable BellSouth tandems or end offices to serve as the IP(s); or if existing BellSouth facilities are in place, by establishing a Virtual IP(s) as defined in this attachment.

1.2.2.1   <u>Virtual Interconnection Points</u> - A Virtual IP, for purposes of this Attachment 3, allows Knology to establish an IP at a BellSouth tandem or end office without providing the physical facilities to, or establishing a collocation arrangement within, such BellSouth office. In lieu of providing an IP in a collocation arrangement and if existing BellSouth facilities are in place, Knology may choose to designate a Virtual IP and BellSouth shall charge and Knology shall pay the nonrecurring and monthly recurring cost-based dedicated interoffice transport rates from the Virtual IP location to the physical Knology IP location at such rates as set forth in Exhibit A to this Attachment. A Virtual IP arrangement shall be used if collocation within a BellSouth tandem or end office is not feasible. The Parties will implement Virtual IP to Physical IP Connections according to BellSouth's customary ordering processes consistent with Knology's ASRs.

1.2.3   At any time that Knology establishes a collocation arrangement at a BellSouth local tandem or end office, then either Party may request that such collocation arrangement be established as an IP for the exchange of Local Traffic between Knology's end users and BellSouth end users. Such request and approval shall not be unreasonably withheld or delayed.

1.2.4   To the extent that the Parties have already implemented network interconnection in a LATA, then upon the execution of the terms and

conditions of this section, the Parties shall negotiate a mutually acceptable transition process and schedule to implement the IP(s) and any additional trunking in accordance with this section. The transition shall not exceed six (6) months unless otherwise agreed to by the Parties.

1.2.5   Furthermore, the originating Party must establish direct end office trunking to a terminating Party's end office (which may have a Tandem routed overflow) if the traffic destined for that end office exceeds the equivalent of one DS1.

1.2.5.1   Should Knology fail to comply with this end office trunking requirement, the bill and keep compensation arrangement set forth in the following section 1.2.6 shall no longer apply for Knology traffic terminated by BellSouth, and Knology shall pay the call transport and termination rates for the elemental functions performed. Notwithstanding the forgoing, in the event Knology has properly forecasted and ordered the required trunking from BellSouth and BellSouth has been unable to provision the ordered trunking, Knology shall not be obligated to pay such reciprocal compensation until BellSouth is able to provide the requested trunking.

1.2.6   Bill and Keep Compensation

1.2.6.1   As of the effective date of this Agreement, and upon the implementation of Sections 1.2 – 1.2.5.1, the Parties' reciprocal compensation obligations pursuant to 47 USC Section 251(b)(5) shall be subject to the bill and keep compensation plan (described herein) under which neither Party will charge the other Party for call transport and termination compensation for Local and Enhanced Service Provider/Information Service Provider Traffic between the Parties. The Parties shall also institute a bill and keep compensation plan under which neither Party will charge the other Party recurring and nonrecurring charges associated with trunks and facilities for the exchange of traffic other than Transit Traffic.

1.2.6.1.1.   For purposes of this Agreement, a "bill and keep" compensation plan refers to the parties' mutual waiver of any and all transport and termination charges customarily recovered from one another (pursuant to 47 U.S.C. Section 251(b)(5) for the exchange of Local Traffic and Enhanced Service Provider/Information Service Provider Traffic between the Parties. Such waived charges include all recurring and non-recurring charges such as (i) transport charges to and from the access tandem or end office at which Knology has a physical IP, (ii) call completion charges (including end office switching), and (iii) trunks and associated facilities charges for facilities connecting the parties' networks on the respective sides of the physical IP. The bill and keep compensation plan does not apply to charges (i) for access

traffic ,other toll traffic, and transit traffic between the parties, or (ii) for dedicated transport and applicable charges pursuant to Section 1.2.2.1

1.2.6.2   For reciprocal compensation between the Parties pursuant to this Attachment, Local Traffic is defined as any circuit switched call that is originated by an end user of one Party and terminated to an end user of the other Party within a given LATA on that other Party's network, except for those calls that are originated or terminated through switched access arrangements as established by the ruling regulatory body.
Additionally, Local Traffic includes any cross boundary, voice-to-voice intrastate, interLATA or interstate, interLATA calls between specific wire centers established as a local call by the ruling regulatory body.

1.2.6.3   As clarification of this definition and for reciprocal transport and termination compensation, Local Traffic does not include dial-up traffic that originates from or is directed to or through an enhanced service provider or information service provider ("ISP Traffic").

1.2.6.4   As further clarification, Local Traffic does not include calls that do not transmit information of the user's choosing. In any event, neither Party shall pay reciprocal compensation to the other if the "traffic" to which such reciprocal compensation would otherwise apply was generated, in whole or in part, for the purpose of creating an obligation on the part of the originating carrier to pay reciprocal compensation for such traffic.

1.2.6.5   Nothing in this Agreement shall be construed to limit either Party's ability to designate the areas within which that Party's end users may make calls which that party rates as "local" in its end user tariffs.

1.2.6.6   Neither Party shall represent access services traffic as Local Traffic.

1.2.6.7   The jurisdiction of a call is determined by its originating and terminating (end-to-end) points.   If Knology assigns NPA/NXXs to specific BellSouth rate centers within a LATA and assigns numbers from those NPA/NXXs to Knology end users physically located outside of that LATA, BellSouth traffic originating from within the BellSouth rate center where the NPA/NXX is assigned and terminating to a Knology customer physically located outside of that LATA shall not be deemed Local Traffic.

1.2.6.7.1   To the extent Knology utilizes its NPA/NXXs to collect traffic from BellSouth end users that appears to be Local Traffic, but then delivers that traffic to Knology's end users located outside the LATA in which the call originated, Knology shall identify such traffic to BellSouth and compensate BellSouth based on the applicable rates for originating

intrastate or interstate network access service as reflected in BellSouth's Intrastate or Interstate Access Service Tariff.

1.2.6.7.2   If Knology does not identify such traffic to BellSouth, to the best of BellSouth's ability BellSouth will determine which whole Knology NPA/NXXs on which to charge the applicable rates for originating intrastate or interstate network access service as reflected in BellSouth's Intrastate Interstate Access Service Tariff. BellSouth shall make appropriate billing adjustments if Knology can provide sufficient information for BellSouth to determine whether said traffic is Local Traffic.

1.2.6.8   BellSouth shall be compensated for Knology's ordering of trunks and facilities transporting Transit Traffic as well as the elemental functions BellSouth performs in the transport and termination of Knology's Transit Traffic in accordance with this Agreement.

1.2.6.9   Within forty-five (45) days of the Effective Date of this Agreement, or within 45 days of either Party's request, the Parties will mutually develop an operations plan based on sound engineering and operations principles, which will specify the guidelines to convert from the existing interconnection arrangements to the interconnection arrangements described in this Attachment 3. Each Party shall bear its own costs, in accordance with this Attachment 3, to convert from the existing interconnection arrangements to the interconnection arrangements described in this Attachment. If Knology should fail to establish IP(s). and geographically relevant IP(s) pursuant to this Attachment or if the Parties have been unable to agree upon a schedule for completing a transition from existing arrangements to the arrangements required within this section within thirty (45) days following BellSouth's request, BellSouth shall bill and Knology shall pay nonrecurring and monthly recurring transport charges based on the cost-based dedicated interoffice transport rates in Exhibit A. The charges shall be calculated from: (1) a designated BellSouth local tandem or end office within the basic local calling area, where Knology has assigned NXXs, to Knology's IP for BellSouth originated traffic from such basic local calling area; and (2) each BellSouth access tandem to Knology's IP for BellSouth originated traffic from such basic local calling areas other than where Knology has assigned NXXs.

2.   **Interconnection Trunk Group Architectures**

2.1   BellSouth and Knology shall establish interconnecting trunk groups and trunk group configurations between networks including the establishment

of one-way or two-way trunks in accordance with the following provisions set forth in this Agreement. For trunking purposes, traffic will be routed based on the digits dialed by the originating end user and in accordance with the Local Exchange Routing Guide (LERG).

2.1 Any Knology interconnection request that deviates from the trunking architectures as described in this Agreement that affects traffic delivered to Knology from a BellSouth switch that requires special BellSouth switch translations and other network modifications will require Knology to submit a Bona Fide Request/New Business Request via the Bona Fide Request/New Business Request Process set forth in General Terms and Conditions.

2.2 Knology shall establish an interconnection trunk group(s) to all BellSouth access and local tandems in the LATA where Knology has homed (i.e. assigned) its NPA/NXXs. Knology shall home its NPA/NXXs on the BellSouth tandems that serve the Exchange Rate Center Areas to which the NPA/NXXs are assigned. The specified association between BellSouth tandems and Exchange Rate Centers is defined in the LERG. Knology shall enter its NPA/NXX access and/or local tandem homing arrangement into the LERG.

2.2.1 Switched Access traffic will be delivered to and by IXCs based on Knology's NXX Access Tandem homing arrangement as specified by Knology in the national Local Exchange Routing Guide (LERG).

2.3 All trunk groups will be provisioned as Signaling System 7 (SS7) capable where technically feasible. If SS7 is not technically feasible multi-frequency (MF) protocol signaling shall be used.

2.4 In cases where Knology is also an IXC, the IXC's Feature Group D (FG D) trunk groups must remain separate from the local interconnection trunk groups.

2.5   Unless in response to a blocking situation or for a project, when either Party orders interconnection trunk group augmentations, a Firm Order Confirmation (FOC) shall be returned to the ordering Party within four (4) business days from receipt of a valid error free ASR. A project is defined as a new trunk group or the request of 96 or more trunks on a single or multiple trunk group(s) in a given local calling area. Blocking situations and projects shall be managed through the BellSouth Interconnection Trunking Project Management group and Knology's equivalent trunking group.

2.6   **Interconnection Trunk Groups for Exchange of Local, IntraLATA Toll and Transit Traffic**

2.6.1   If the Parties' originated local and/or intraLATA toll traffic is utilizing the same two-way trunk group, the Parties shall mutually agree to use this type of two-way interconnection trunk group with the quantity of trunks being mutually determined and the provisioning being jointly coordinated. Furthermore, the Interconnection Point(s) for two-way interconnection trunk groups transporting both Parties local and/or intraLATA toll shall be mutually agreed upon. Knology shall order such two-way trunks via the Access Service Request (ASR) process in place for Local Interconnection upon determination by the Parties, in a joint planning meeting, that such trunk groups shall be utilized. BellSouth will use the Trunk Group Service Request (TGSR) to request changes in trunking. Both Parties reserve the right to issue ASRs, if so required, in the normal course of business. Furthermore, the Parties shall jointly review such trunk performance and forecasts on a periodic basis. The Parties use of two-way interconnection trunk groups for the transport of local and/or intraLATA toll traffic between the Parties does not preclude either Party from establishing additional one-way interconnection trunks for the delivery of its originated local and/or intraLATA toll traffic to the other Party.

2.6.2   **BellSouth Access Tandem Interconnection Architectures**

2.6.2.1   BellSouth Access Tandem Interconnection provides intratandem access to subtending end offices. BellSouth Multiple Tandem Access (MTA), described later in this Agreement, may be ordered using any of the following access tandem architectures.

2.6.2.2   **Basic Architecture**

2.6.2.2.1   In this architecture, Knology's originating Local and IntraLATA Toll and originating and terminating Transit Traffic is transported on a single two-way trunk group between Knology and BellSouth access tandem(s) within a LATA. This group carries intratandem Transit Traffic between Knology and Independent Companies, Interexchange Carriers, other CLECs and

other network providers with which Knology desires interconnection and has the proper contractual arrangements. This group also carries Knology originated intertandem traffic transiting a single BellSouth access tandem destined to third party tandems such as an Independent Company tandem or other CLEC tandem. BellSouth originated Local and IntraLATA Toll traffic is transported on a single one-way trunk group terminating to Knology. Other trunk groups for operator services, directory assistance, emergency services and intercept may be established if required. The LERG should be referenced for current routing and tandem serving arrangements. The Basic Architecture is illustrated in Exhibit B.

2.6.2.3 **One-Way Trunk Group Architecture**

2.6.2.3.1 In this architecture, the Parties interconnect using two one-way trunk groups. One one-way trunk group carries Knology-originated local and intraLATA toll traffic destined for BellSouth end-users. The other one-way trunk group carries BellSouth-originated local and intraLATA toll traffic destined for Knology end-users. A third two-way trunk group is established for Knology's originating and terminating Transit Traffic. This group carries intratandem Transit Traffic between Knology and Independent Companies, Interexchange Carriers, other CLECs and other network providers with which Knology desires interconnection and has the proper contractual arrangements. This group also carries Knology originated intertandem traffic transiting a single BellSouth access tandem destined to third party tandems such as an Independent Company tandem or other CLEC tandem. Other trunk groups for operator services, directory assistance, emergency services and intercept may be established if required. The LERG should be referenced for current routing and tandem serving arrangements. The One-Way Trunk Group Architecture is illustrated in Exhibit C.

2.6.2.4 **Two-Way Trunk Group Architecture**

2.6.2.4.1 The Two-Way Trunk Group Architecture establishes one two-way trunk group to carry local and intraLATA toll traffic between Knology and BellSouth. In addition, a two-way transit trunk group must be established for Knology's originating and terminating Transit Traffic. This group carries intratandem Transit Traffic between Knology and Independent Companies, Interexchange Carriers, other CLECs and other network providers with which Knology desires interconnection and has the proper contractual arrangements. This group also carries Knology originated intertandem traffic transiting a single BellSouth access tandem destined to third party tandems such as an Independent Company tandem or other CLEC tandem. Other trunk groups for operator services, directory assistance, emergency services and intercept may be established if required. The LERG should be referenced for current routing and tandem

serving arrangements. The Two-Way Trunk Group Architecture is illustrated in Exhibit D.

2.6.2.5   **Supergroup Architecture**

<u>2.6.2.5.1</u>   In the Supergroup Architecture, the Parties Local and IntraLATA Toll and Knology's Transit Traffic are exchanged on a single two-way trunk group between Knology and BellSouth. This group carries intratandem Transit Traffic between Knology and Independent Companies, Interexchange Carriers, other CLECs and other network providers with which Knology desires interconnection and has the proper contractual arrangements. This group also carries Knology originated intertandem traffic transiting a single BellSouth access tandem destined to third party tandems such as an Independent Company tandem or other CLEC tandem. Other trunk groups for operator services, directory assistance, emergency services and intercept may be established if required. The LERG should be referenced for current routing and tandem serving arrangements. The Supergroup Architecture is illustrated in Exhibit E.

2.6.3   **Local Tandem Interconnection**

2.6.3.1   Local Tandem Interconnection arrangement allows Knology to establish an interconnection trunk group(s) at BellSouth local tandems for: (1) the delivery of Knology-originated local traffic transported and terminated by BellSouth to BellSouth end offices within the local calling area as defined in BellSouth's General Subscriber Services Tariff (GSST), section A3 served by those BellSouth local tandems, and (2) for local Transit Traffic transported by BellSouth for third party network providers who have also established an interconnection trunk group(s) at those BellSouth local tandems.

2.6.3.2   When a specified local calling area is served by more than one BellSouth local tandem, Knology must designate a "home" local tandem for each of its assigned NPA/NXXs and establish trunk connections to such local tandems. Additionally, Knology may choose to establish an interconnection trunk group(s) at the BellSouth local tandems where it has no codes homing but is not required to do so. Knology may deliver local traffic to a "home" BellSouth local tandem that is destined for other BellSouth or third party network provider end offices subtending other BellSouth local tandems in the same local calling area where Knology does not choose to establish an interconnection trunk group(s). It is Knology's responsibility to enter its own NPA/NXX local tandem homing arrangements into the Local Exchange Routing Guide (LERG) either directly or via a vendor in order for other third party network providers to determine appropriate traffic routing to Knology's codes. Likewise, Knology shall obtain its routing information from the LERG.

2.6.3.3 Notwithstanding establishing an interconnection trunk group(s) to BellSouth's local tandems, Knology must also establish an interconnection trunk group(s) to BellSouth access tandems within the LATA on which Knology has NPA/NXXs homed for the delivery of Interexchange Carrier Switched Access (SWA) and toll traffic, and traffic to Type 2A CMRS connections located at the access tandems. BellSouth shall not switch SWA traffic through more than one BellSouth access tandem. SWA, Type 2A CMRS or toll traffic routed to the local tandem in error will not be backhauled to the BellSouth access tandem for completion. (Type 2A CMRS interconnection is defined in BellSouth's A35 General Subscriber Services Tariff).

2.6.3.4 BellSouth's provisioning of local tandem interconnection assumes that Knology has executed the necessary local interconnection agreements with the other third party network providers subtending those local tandems as required by the Act.

2.6.4 **Direct End Office-to-End Office Interconnection**

2.6.4.1 Direct End Office-to-End Office one-way or two-way interconnection trunk groups allow for the delivery of a Party's originating local or intraLATA toll traffic to the terminating Party on a direct end office-to-end office basis.

2.6.4.2 The Parties shall utilize direct end office-to-end office trunk groups under the following conditions:

2.6.4.3 Tandem Exhaust - If a tandem through which the Parties are interconnected is unable to, or is forecasted to be unable to support additional traffic loads for any period of time, the Parties will mutually agree on an end office trunking plan that will alleviate the tandem capacity shortage and ensure completion of traffic between Knology and BellSouth's subscribers.

2.6.4.4 Traffic Volume –To the extent either Party has the capability to measure the amount of traffic between a Knology switching center and a BellSouth end office, either Party shall install and retain direct end office trunking sufficient to handle actual or reasonably forecasted traffic volumes, whichever is greater, between a Knology switching center and a BellSouth end office where the traffic exceeds or is forecasted to exceed a single DS1 of local traffic per month. Either Party will install additional capacity between such points when overflow traffic between Knology's switching center and BellSouth's end office exceeds or is forecasted to exceed a single DS1 of local traffic per month. In the case of one way trunking, additional trunking shall only be required by the Party whose trunking has achieved the preceding usage threshold.

2.6.4.5   Mutual Agreement - The Parties may install direct end office trunking upon mutual agreement in the absence of conditions (1) or (2) above and agreement will not unreasonably be withheld.

2.6.5   **Transit Traffic Trunk Group**

2.6.5.1   Transit Traffic trunks can either be two-way trunks or two one-way trunks ordered by Knology to deliver and receive local and intraLATA toll Transit Traffic from third parties, such as Independent Companies and other CLECs, via BellSouth access tandems (or BellSouth local tandems for local traffic), and Switched Access traffic to and from Interexchange Carriers via BellSouth access tandems pursuant to the Transit Traffic section of this Attachment. Establishing Transit Traffic trunks at BellSouth access and local tandems provides intratandem access to the third parties also interconnected at those tandems.

2.6.5.2   **Toll Free Traffic**

2.6.5.2.1   If Knology chooses BellSouth to handle Toll Free database queries from its switches, all Knology originating Toll Free traffic will be routed over the Transit Traffic Trunk Group.

2.6.5.2.2   All originating Toll Free Service (Toll Free) calls for which Knology requests that BellSouth perform the Service Switching Point ("SSP") function (i.e., perform the database query) shall be delivered using GR-394 format over the Transit Traffic Trunk Group. Carrier Code "0110" and Circuit Code (to be determined for each LATA) shall be used for all such calls.

2.6.5.2.3   Knology may handle its own Toll Free database queries from its switch. If so, Knology will determine the nature (local/intraLATA/interLATA) of the Toll Free call based on the response from the database. If the query determines that the call is a BellSouth local or intraLATA Toll Free number, Knology will route the post-query local or IntraLATA converted ten-digit local number to BellSouth over the local or intraLATA trunk group. If the query determines that the call is a third party (ICO or other CLEC) local or intraLATA Toll Free number, Knology will route the post-query local or intraLATA converted ten-digit local number to BellSouth over the Transit Traffic Trunk Group. In such case, Knology is to provide a Toll Free billing record when appropriate. If the query reveals the call is an interLATA Toll Free number, Knology will route the post-query interLATA call (Toll Free number) directly from its switch for carriers interconnected with its network or over the Transit Traffic Trunk Group to carriers not directly connected to its network but are connected to BellSouth's access tandem. Calls will be routed to BellSouth over the

local/intraLATA and Transit Traffic Trunk Groups within the LATA in which the calls originate.

2.6.5.2.4 All post-query Toll Free Service (Toll Free) calls for which Knology performs the SSP function, if delivered to BellSouth, shall be delivered using GR-394 format for calls destined to IXCs, and GR-317 format for calls destined to end offices that directly subtend the BellSouth access tandem.

3. **Network Design And Management For Interconnection**

3.1 <u>Network Management and Changes</u>. Both Parties will work cooperatively with each other to install and maintain the most effective and reliable interconnected telecommunications networks, including but not limited to, the exchange of toll-free maintenance contact numbers and escalation procedures. Both Parties agree to provide public notice of changes in the information necessary for the transmission and routing of services using its local exchange facilities or networks, as well as of any other changes that would affect the interoperability of those facilities and networks.

3.2 <u>Interconnection Technical Standards</u>. The interconnection of all networks will be based upon accepted industry/national guidelines for transmission standards and traffic blocking criteria. Interconnecting facilities shall conform, at a minimum, to the telecommunications industry standard of DS-1 pursuant to Bellcore Standard No. TR-NWT-00499. Signal transfer point, Signaling System 7 ("SS7") connectivity is required at each interconnection point. BellSouth will provide out-of-band signaling using Common Channel Signaling Access Capability where technically and economically feasible, in accordance with the technical specifications set forth in the BellSouth Guidelines to Technical Publication, TR-TSV-000905. Facilities of each Party shall provide the necessary on-hook, off-hook answer and disconnect supervision and shall hand off calling number ID (Calling Party Number) when technically feasible.

3.3 <u>Quality of Interconnection</u>. The local interconnection for the transmission and routing of telephone exchange service and exchange access that each Party provides to each other will be at least equal in quality to what it provides to itself and any subsidiary or affiliate, where technically feasible, or to any other Party to which each Party provides local interconnection.

3.4 <u>Network Management Controls</u>. Both Parties will work cooperatively with each other to apply sound network management principles by

invoking appropriate network management controls (e.g., call gapping) to alleviate or prevent network congestion.

3.5   <u>Common Channel Signaling</u>. Both Parties will provide LEC-to-LEC Common Channel Signaling ("CCS") to each other, where available, in conjunction with all traffic in order to enable full interoperability of CLASS features and functions except for call return. All CCS signaling parameters will be provided, including automatic number identification ("ANI"), originating line information ("OLI") calling company category, charge number, etc. All privacy indicators will be honored, and each Party will cooperate with each other on the exchange of Transactional Capabilities Application Part ("TCAP") messages to facilitate full interoperability of CCS-based features between the respective networks. Neither Party shall alter the CCS parameters, or be a party to altering such parameters, or knowingly pass CCS parameters that have been altered in order to circumvent appropriate interconnection charges.

3.6   <u>Signaling Call Information</u>. BellSouth and Knology will send and receive 10 digits for local traffic. Additionally, BellSouth and Knology will exchange the proper call information, i.e. originated call company number and destination call company number, CIC, and OZZ, including all proper translations for routing between networks and any information necessary for billing.

3.7   **Forecasting for Trunk Provisioning**

3.7.1   Within six (6) months after execution of this agreement, **Knology shall provide an initial interconnection trunk group forecast for each LATA that it shall provide service within BellSouth's region. Upon receipt of Knology's forecast,** the Parties shall **schedule and participate** in a joint planning meeting to develop a joint interconnection trunk group forecast. Each forecast provided under this Section shall be deemed "Confidential Information" under the General Terms and Conditions – Part A of this Agreement.

3.7.1.1   At a minimum, the forecast shall include the projected quantity of Transit Trunks, Knology-to-BellSouth one-way trunks ("Knology Trunks"), BellSouth-to-Knology one-way trunks ("Reciprocal Trunks") and/or two-way interconnection trunks, if the Parties have agreed to interconnect using two-way trunking to transport the Parties' local and intraLATA toll. The quantities shall be projected for a minimum of six months in advance and shall include the current year plus next two years total forecasted quantities. Considering Knology's provided forecast, the Parties shall mutually develop Reciprocal Trunk and/or two-way interconnection trunk

forecast quantities for the time periods listed and to be included within the initial forecast.

3.7.1.2   Additionally all forecasts shall include, at a minimum, Access Carrier Terminal Location ("ACTL"), trunk group type (local/intraLATA toll, Transit, Operator Services, 911, etc.), A location/Z location (CLLI codes for Knology location and BellSouth location where the trunks shall terminate), interface type (e.g., DS1), Direction of Signaling, Trunk Group Number, if known, (commonly referred to as the 2-6 code) and forecasted trunks in service each year (cumulative).

3.7.2   Each Party shall exercise its best efforts to provide the quantity of interconnection trunks mutually forecasted. However, the provision of the forecasted quantity of interconnection trunks is subject to trunk terminations and facility capacity existing at the time the trunk order is submitted. Furthermore, the receipt and development of trunk forecasts does not imply any liability for failure to perform if capacity (trunk terminations or facilities) is not available for use at the forecasted time.

3.7.3   The submitting and development of interconnection trunk forecasts shall not replace the ordering process in place for local interconnection trunks.

3.7.4   Once initial interconnection trunk forecasts have been developed, Knology shall continue to provide interconnection trunk forecasts on a semiannual basis or at otherwise mutually agreeable intervals. Knology shall use its best efforts to make the forecasts as accurate as possible based on reasonable engineering criteria. Interconnection trunk forecasts shall be updated and provided to BellSouth on an as needed basis, but no less frequently than semiannually and no more frequently than monthly. Upon receipt of Knology's forecast, including forecast updates, the Parties shall confer to mutually develop BellSouth Reciprocal Trunk and/or two-way interconnection trunk forecasted quantities for the listed time periods within such subsequent forecasts.

3.8   **Trunk Utilization**

3.8.1   BellSouth and Knology shall monitor traffic on each interconnection trunk group that is installed pursuant to the initial interconnection trunk requirements and subsequent forecasts. At any time after the end of a calendar quarter, based on a review of the capacity utilization during such quarter for installed Reciprocal Trunk groups and/or two-way interconnection trunk groups, subject to the provision of the section following, after fifteen (15) business days advance written notice to Knology, BellSouth may disconnect any Non-utilized Reciprocal Trunk(s) and/or request Knology to disconnect any Non-utilized two-way

interconnection trunk(s) if BellSouth has determined that the trunk group is not being utilized at eighty-five percent (85%) of the time consistent busy hour utilization level, provided that the Parties have not otherwise agreed. Non-utilized trunks are defined as the trunks not being utilized as a result of a time consistent busy hour utilization of less than 85%.

3.8.1.1 Within ten (10) business days following the notice prescribed in the section above, Knology may request that BellSouth not disconnect or not request disconnection for some or all of the Non-utilized Trunks, in which event BellSouth shall keep the trunks in service and may invoice Knology for, and Knology shall pay, all applicable recurring and nonrecurring trunk and facility access tariff charges for the Non-utilized Trunks. The charges shall be applied retroactive to the date on which such trunks were installed and to continue until such trunks are disconnected, or to the extent Knology requests that such trunks remain in service, until the trunk group reaches an eighty-five percent (85%) time-consistent busy hour utilization level. In addition, Knology shall reimburse BellSouth for any nonrecurring and/or recurring charges BellSouth may have paid to Knology for the Non-utilized Trunks and for any trunk installation expense BellSouth incurred. This expense shall equal the nonrecurring installation charge for trunks in BellSouth's intrastate tariff. Furthermore, the Knology forecasts for each subsequent forecast period shall be automatically reduced by the number of Reciprocal Trunks and/or two-way interconnection trunks that have been determined to be subject to disconnection pursuant to the foregoing procedures.

3.8.2 To the extent Knology requests BellSouth and BellSouth agrees to install additional Reciprocal and/or two-way interconnection trunks in any forecast period following the initial forecasting period that are not included in the forecast for that period (as such forecast may be revised from time to time), such trunks may be provisioned by BellSouth subject to the conditions set forth in the preceding sections above, and all applicable recurring and nonrecurring charges for such trunks shall be billed to and paid by Knology until such trunk groups reach an eighty-five percent (85%) time-consistent busy hour utilization level for Local Traffic.

3.8.3 To the extent that any interconnection trunk group is utilized at a time-consistent busy hour of ninety percent (90%) or greater, the Parties shall negotiate in good faith for the installation of augmented facilities.

4. **Local Dialing Parity**

4.1 BellSouth and Knology shall provide local and toll dialing parity to each other with no unreasonable dialing delays. Dialing parity shall be

provided for all originating telecommunications services that require dialing to route a call. BellSouth and Knology shall permit similarly situated telephone exchange service end users to dial the same number of digits to make a local telephone call notwithstanding the identity of the end user's or the called party's telecommunications service provider.

5   **Interconnection Compensation for Traffic Other Than Local and ESP/ISP Traffic as Provided in Section 1.2.6**

5.1   Billing Factors

5.1   Percent Local Use. Each Party will report to the other a Percentage Local Usage ("PLU"). The application of the PLU will determine the amount of local minutes to be billed to the other Party. For purposes of developing the PLU, each Party shall consider every local call and every long distance call, excluding Transit Traffic. Each Party shall update its PLU on the first of January, April, July and October of the year and shall send it to the other Party to be received no later than 30 calendar days after the first of each such month. Requirements associated with PLU calculation and reporting shall be as set forth in BellSouth's Percent Local Use Reporting Guidebook, as it is amended from time to time. Notwithstanding the foregoing, where the terminating Party has message recording technology that identifies the jurisdiction of traffic terminated as defined in this Agreement, such information, in lieu of the PLU factor, shall at the terminating Party's option be utilized to determine the appropriate local usage compensation to be paid.

5.2   Percent Local Facility. Each Party will report to the other a Percentage Local Facility ("PLF"). The application of the PLF will determine the portion of switched dedicated transport to be billed per the local jurisdiction rates. The PLF shall be applied to multiplexing, local channel and interoffice channel switched dedicated transport utilized in the provision of local interconnection trunks. Each Party shall update its PLF on the first of January, April, July and October of the year and shall send it to the other Party to be received no later than 30 calendar days after the first of each such month. Requirements associated with PLU and PLF calculation and reporting shall be as set forth in BellSouth's Percent Local Use/Percent Local Facility Reporting Guidebook, as it is amended from time to time.

5.3   Percentage Interstate Usage. In the case where Knology desires to terminate its local traffic over or co-mingled on its switched access Feature Group D trunks, Knology will be required to provide a projected Percentage Interstate Usage ("PIU") to BellSouth. All jurisdictional report

requirements, rules and regulations for Interexchange Carriers specified in BellSouth's Intrastate Access Services Tariff will apply to Knology. After interstate and intrastate traffic percentages have been determined by use of PIU procedures, the PLU and PLF factors will be used for application and billing of local interconnection. Each Party shall update its PIU on the first of January, April, July and October of the year and shall send it to the other Party to be received no later than 30 calendar days after the first of each such month. Notwithstanding the foregoing, where the terminating Party has message recording technology that identifies the jurisdiction of traffic terminated as defined in this Agreement, such information, in lieu of the PIU and PLU factor, shall at the terminating Party's option be utilized to determine the appropriate local usage compensation to be paid.

5.4   <u>Audits</u>. On thirty (30) days written notice, each Party must provide the other the ability and opportunity to conduct an annual audit to ensure the proper billing of traffic. BellSouth and Knology shall retain records of call detail for a minimum of nine months from which a PLU, PLF and/or PIU can be ascertained. The audit shall be accomplished during normal business hours at an office designated by the Party being audited. Audit requests shall not be submitted more frequently than one (1) time per calendar year. Audits shall be performed by a mutually acceptable independent auditory paid for by the Party requesting the audit. The PLU and/or PIU shall be adjusted based upon the audit results and shall apply to the usage for the quarter the audit was completed, to the usage for the quarter prior to the completion of the audit, and to the usage for the two quarters following the completion of the audit. If, as a result of an audit, either Party is found to have overstated the PLU and/or PIU by twenty percentage points (20%) or more, that Party shall reimburse the auditing Party for the cost of the audit.

5.5   <u>Rate True-up</u>

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

5.5.1   The interim prices for Unbundled Network Elements and Other Services and Local Interconnection shall be subject to true-up according to the following procedures:

5.5.2   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 12 of the General Terms and Conditions and Attachment 1 of the Agreement.

5.5.3   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 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 the General Terms and Conditions 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.

5.5.4   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 CLEC 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 unbundled element prices, which deaveraged prices, if any are required by said final order, shall form the basis of any true-up.

5.6   8XX Traffic

5.6.1   Compensation for 8XX Traffic. Each Party shall compensate the other pursuant to the appropriate switched access charges, including the database query charge as set forth in the BellSouth intrastate or interstate switched access tariffs.

5.6.2   <u>Records for 8XX Billing</u>. Each Party will provide to the other the appropriate records necessary for billing intraLATA 8XX customers. The records provided will be in a standard EMI format.

5.6.3   <u>8XX Access Screening</u>. BellSouth's provision of 8XX TFD to Knology requires interconnection from Knology to BellSouth 8XX SCP. Such interconnections shall be established pursuant to BellSouth's Common Channel Signaling Interconnection Guidelines and Bellcore's CCS Network Interface Specification document, TR-TSV-000905. Knology shall establish CCS7 interconnection at the BellSouth Local Signal Transfer Points serving the BellSouth 8XX SCPs that Knology desires to query. The terms and conditions for 8XX TFD are set out in BellSouth's Intrastate Access Services Tariff as amended.

5.7   Mutual Provision of Switched Access Service

5.7.1   <u>Switched Access Traffic</u>. Switched Access Traffic is described in the BellSouth Access Tariff. Additionally, any Public Switched Telephone Network interexchange telecommunications traffic, regardless of transport protocol method, where the physical location of the calling party and the physical location of the called party are in different LATAs, or are in the same LATA and the Parties' Switched Access services are used for the origination or termination of the call, shall be considered Switched Access Traffic.

5.7.2   When Knology's end office switch, subtending the BellSouth Access Tandem switch for receipt or delivery of switched access traffic, provides an access service connection to or from an interexchange carrier ("IXC") by either a direct trunk group to the IXC utilizing BellSouth facilities, or via BellSouth's tandem switch, each Party will provide its own access services to the IXC and bill on a multi-bill, multi-tariff meet-point basis. Each Party will bill its own access services rates to the IXC with the exception of the interconnection charge. The interconnection charge will be billed by the Party providing the end office function. Each party will use the Multiple Exchange Carrier Access Billing (MECAB) guidelines to establish meet point billing for all applicable traffic. Thirty (30)-day billing periods will be employed for these arrangements. For tandem routed traffic, the tandem company agrees to provide to the Initial Billing Company as defined in MECAB, at no charge, all the switched access detail usage data, recorded at the access tandem, within no more than sixty (60) days after the recording date. The Initial Billing Company will provide the switched access summary usage data, for all originating and terminating traffic, to all Subsequent Billing Companies as defined in MECAB within 10 days of rendering the initial bill to the IXC. Each Party will notify the other when it is not feasible to meet these

requirements so that the customers may be notified for any necessary revenue accrual associated with the significantly delayed recording or billing. As business requirements change data reporting requirements may be modified as necessary.

In the event that either Party fails to provide switched access detailed usage data to the other Party within 90 days after the recording date and the receiving Party is unable to bill and/or collect access revenues due to the sending Party's failure to provide such data within said time period, then the Party failing to send the data as specified herein shall be liable to the other Party in an amount equal to the unbillable or uncollectible revenues. Each company will provide complete documentation to the other to substantiate any claim of unbillable access revenues. A negotiated settlement will be agreed upon between the companies.

5.7.3   Each Party will retain for a minimum period of sixty (60) days, access message detail sufficient to recreate any data which is lost or damaged by their company or any third party involved in processing or transporting data.

5.7.4   Each Party agrees to recreate the lost or damaged data within forty-eight (48) hours of notification by the other or by an authorized third party handling the data.

5.7.5   Each Party also agrees to process the recreated data within forty-eight (48) hours of receipt at its data processing center.

5.7.6   All claims should be filed with the other Party within 120 days of the receipt of the date of the unbillable usage.

5.7.7   The Initial Billing Company shall keep records of its billing activities relating to jointly-provided Intrastate and Interstate access services in sufficient detail to permit the Subsequent Billing Party to, by formal or informal review or audit, to verify the accuracy and reasonableness of the jointly-provided access billing data provided by the Initial billing Party. Each Party agrees to cooperate in such formal or informal reviews or audits and further agrees to jointly review the findings of such reviews or audits in order to resolve any differences concerning the findings thereof.

5.7.8   Knology agrees not to deliver switched access traffic to BellSouth for termination except over Knology ordered switched access trunks and facilities.

5.8   Transit Traffic Service. BellSouth shall provide tandem switching and transport services for Knology's Transit Traffic. Transit traffic is traffic originating on Knology's network that is switched and/or transported by

BellSouth and delivered to a third party's network, or traffic originating on a third Party's network that is switched and/or transported by BellSouth and delivered to Knology's network. Rates for local Transit Traffic shall be the applicable call transport and termination charges as set forth in Exhibit A to this Attachment. Rates for intraLATA toll and Switched Access Transit Traffic shall be the applicable call transport and termination charges as set forth in BellSouth Interstate or Intrastate Switched Access tariffs. Switched Access Transit Traffic presumes that Knology's end office is subtending the BellSouth Access Tandem for switched access traffic to and from Knology's end users utilizing BellSouth facilities, either by direct trunks with the IXC, or via the BellSouth Access Tandem. Billing associated with all Transit Traffic shall be pursuant to Multiple Exchange Carrier Access Billing (MECAB) guidelines. Pursuant to these guidelines, the Initial Billing Company shall provide summary usage data, for all originating and terminating Transit Traffic, to all Subsequent Billing Companies. Traffic between Knology and Wireless Type 1 third parties shall not be treated as Transit Traffic from a routing or billing perspective. Traffic between Knology and Wireless Type 2A or UNE-CLEC third parties shall not be treated as Transit Traffic from a routing or billing perspective until BellSouth and the Wireless carrier or UNE-CLEC third party have the capability to properly meet-point-bill in accordance with MECAB guidelines.

5.8.1   The delivery of traffic which transits the BellSouth network and is transported to another carrier's network is excluded from any BellSouth billing guarantees and will be delivered at the rates stipulated in this Agreement to a terminating carrier. BellSouth agrees to deliver this traffic to the terminating carrier; provided, however, that Knology is solely responsible for negotiating and executing any appropriate contractual agreements with the terminating carrier for the receipt of this traffic through the BellSouth network. BellSouth will not be liable for any compensation to the terminating carrier or to Knology. Knology agrees to compensate BellSouth for any charges or costs for the delivery of Transit Traffic to a connecting carrier on behalf of Knology. Additionally, the Parties agree that any billing to a third party or other telecommunications carrier under this section shall be pursuant to MECAB procedures.

6.   **Frame Relay Service Interconnection**

6.1   In addition to the Local Interconnection services set forth above, BellSouth will offer a network to network Interconnection arrangement between BellSouth's and Knology's frame relay switches as set forth below. The following provisions will apply only to Frame Relay Service and Exchange Access Frame Relay Service in those states in which Knology is

certified and providing Frame Relay Service as a Local Exchange Carrier and where traffic is being exchanged between Knology and BellSouth Frame Relay Switches in the same LATA.

6.2   The Parties agree to establish two-way Frame Relay facilities between their respective Frame Relay Switches to the mutually agreed upon Frame Relay Service point(s) of interconnection ("POI(s)") within the LATA. All POIs shall be within the same Frame Relay Network Serving Areas as defined in Section A40 of BellSouth's General Subscriber Service Tariff except as set forth in this Attachment.

6.3   Upon the request of either Party, such interconnection will be established where BellSouth and Knology have Frame Relay Switches in the same LATA. Where there are multiple Frame Relay switches in one central office, an interconnection with any one of the switches will be considered an interconnection with all of the switches at that central office for purposes of routing packet traffic.

6.4   The Parties agree to provision local and IntraLATA Frame Relay Service and Exchange Access Frame Relay Service (both intrastate and interstate) over Frame Relay interconnection facilities between the respective Frame Relay switches and the POIs.

6.5   The Parties agree to assess each other reciprocal charges for the facilities that each provides to the other according to the Percent Local Circuit Use Factor (PLCU), determined as follows:

6.5.1   If the data packets originate and terminate in locations in the same LATA, and consistent with the local definitions of the Agreement, the traffic is considered local. Frame Relay framed packet data is transported within Virtual Circuits (VC). For the purposes of this Agreement, if all the data packets transported within a VC remain within the LATA, then consistent with the local definitions in this Agreement, the traffic on that VC is local ("Local VC").

6.5.2   If the originating and terminating locations of the two way packet data traffic are not in the same LATA, the traffic on that VC is interLATA ("InterLATA VC").

6.5.3   The PLCU is determined by dividing the total number of Local VCs, by the total number of VCs on each Frame Relay facility. To facilitate implementation, Knology may determine its PLCU in aggregate, by dividing the total number of Local VCs in a given LATA by the total number VCs in that LATA. The Parties agree to renegotiate the method for determining PLCU, at BellSouth's request, and within 90 days, if

BellSouth notifies Knology that it has found that this method does not adequately represent the PLCU.

6.5.4   If there are no VCs on a facility when it is billed, the PLCU will be zero.

6.5.5   BellSouth will provide the circuit between the Parties' respective Frame Relay Switches. The Parties will be compensated as follows: BellSouth will invoice, and Knology will pay, the total non-recurring and recurring charges for the circuit based upon the rates set forth in BellSouth's Interstate Access Tariff, FCC No. 1. Knology will then invoice, and BellSouth will pay, an amount calculated by multiplying the BellSouth billed charges for the circuit by one-half of Knology's PLCU.

6.6   The Parties agree to compensate each other for Frame Relay network-to-network interface (NNI) ports based upon the NNI rates set forth in BellSouth's Interstate Access Tariff, FCC No. 1. Compensation for each pair of NNI ports will be calculated as follows: BellSouth will invoice, and Knology will pay, the total non-recurring and recurring charges for the NNI port. Knology will then invoice, and BellSouth will pay, an amount calculated by multiplying the BellSouth billed non-recurring and recurring charges for the NNI port by Knology's PLCU.

6.7   Each Party agrees that there will be no charges to the other Party for its own subscriber's Permanent Virtual Circuit (PVC) rate elements for the local PVC segment from its Frame Relay switch to its own subscriber's premises. PVC rate elements include the Data Link Connection Identifier (DLCI) and Committed Information Rate (CIR).

6.8   For the PVC segment between the Knology and BellSouth Frame Relay switches, compensation for the PVC charges is based upon the rates in BellSouth's Interstate Access Tariff, FCC No. 1.

6.9   Compensation for PVC rate elements will be calculated as follows:

6.9.1   If Knology orders a VC connection between a BellSouth subscriber's PVC segment and a PVC segment from the BellSouth Frame Relay switch to the Knology Frame Relay switch, BellSouth will invoice, and Knology will pay, the total non-recurring and recurring PVC charges for the PVC segment between the BellSouth and Knology Frame Relay switches. If the VC is a Local VC, Knology will then invoice and BellSouth will pay, the total nonrecurring and recurring PVC charges billed for that segment. If the VC is not local, no compensation will be paid to Knology for the PVC segment.

6.9.2   If BellSouth orders a Local VC connection between a Knology subscriber's PVC segment and a PVC segment from the Knology Frame Relay switch to the BellSouth Frame Relay switch, BellSouth will invoice, and Knology will pay, the total non-recurring and recurring PVC and CIR charges for the PVC segment between the BellSouth and Knology Frame Relay switches. If the VC is a Local VC, Knology will then invoice and BellSouth will pay the total non-recurring and recurring PVC and CIR charges billed for that segment. If the VC is not local, no compensation will be paid to Knology for the PVC segment.

6.9.3   The Parties agree to compensate each other for requests to change a PVC segment or PVC service order record, according to the Feature Change charge as set forth in the BellSouth access tariff BellSouth Tariff FCC No, 1.

6.9.4   If Knology requests a change, BellSouth will invoice and Knology will pay a Feature Change charge for each affected PVC segment.

6.9.4.1   If BellSouth requests a change to a Local VC, Knology will invoice and BellSouth will pay a Feature Change charge for each affected PVC segment.

6.9.5   The Parties agree to limit the sum of the CIR for the VCs on a DS1 NNI port to not more than three times the port speed, or not more than six times the port speed on a DS3 NNI port.

6.9.6   Except as expressly provided herein, this Agreement does not address or alter in any way either Party's provision of Exchange Access Frame Relay Service or interLATA Frame Relay Service. All charges by each Party to the other for carriage of Exchange Access Frame Relay Service or interLATA Frame Relay Service are included in the BellSouth access tariff BellSouth Tariff FCC No, 1.

6.10   Knology will identify and report quarterly to BellSouth the PLCU of the Frame Relay facilities it uses, per section 8.5.3 above.

6.11   Either Party may request a review or audit of the various service components, consistent with the provisions of section E2 of the BellSouth State Access Services tariffs or Section 2 of the BellSouth FCC No.1 Tariff.

6.12   If during the term of this Agreement, BellSouth obtains authority to provide interLATA Frame Relay in any State, the Parties agree to renegotiate this arrangement for the exchange of Frame Relay Service Traffic within one hundred eighty (180) days of the date BellSouth

receives interLATA authority. In the event the Parties fail to renegotiate this Section 8 within the one hundred eighty-day period, they will submit this matter to the appropriate State commission(s) for resolution.

7.   **Operational Support Systems (OSS) Rates**

All Local Service Requests ("LSRs") or Access Service Requests ("ASRs") submitted for products and services under this Attachment will be subject to the OSS charges set forth in the General Terms and Conditions of this Agreement.

BELLSOUTH TECHNOLOGY RATES
LOCAL INTERCONNECTION

DESCRIPTION	USOC	AL	FL	GA	KY	LA	MS	NC	SC	TN
LOCAL INTERCONNECTION (CALL TRANSPORT AND TERMINATION)										
End Office Switching, per mou	N/A	$0.0018	NA	$0.0016333	$0.002562	$0.00210	$0.0023771	$0.0017	$0.0019295	$0.0019
Direct Local Interconnection, per mou (same as End Office Switching in FL & LA)	NA	NA	$0.002	NA	NA	NA	NA	NA	NA	NA
Tandem Switching, per mou	NA	$0.00063	$0.00029	$0.0006757	$0.001086	$0.0008	$0.0007834	$0.0009	$0.0006843	$0.000676
Tandem Local Interconnection, per mou (includes end office switching element)	NA	NA	$0.00325	NA	NA	NA	NA	NA	NA	NA
Multiple Tandem Switching, per mou (applies to initial tandem only), effective 10/99	NA	NA	$0.00125	NA	NA	NA	NA	NA	NA	NA
Local Intermediary, per mou (applies to transit traffic only)	NA	NA	$0.00125	NA	NA	NA	NA	NA	NA	NA
Tandem Intermediary Charge, per mou*		$0.0015	NA	NA	$0.001096	NA				
*(This charge is applicable only to transit traffic and is applied in addition to applicable switching and/or interconnection charges.)										
TRUNK CHARGE										
Interim charges, both non-recurring and recurring, associated with interconnecting trunk groups between BellSouth and Knology shall be as set forth in this Exhibit. At such time as BellSouth develops a final cost based rate for such interconnecting trunk groups, the Parties shall amend this agreement to include such final cost based rates and shall true up such charges in accordance with this Attachment.										
Installation Trunk Side Service - per DS0										
NRC - 1st	TPP++	$333.69	$336.43	$333.26	$334.09	$334.94	$334.11	$333.54	$335.14	$334.29
NRC - Add'l	TPP++	$56.91	$57.38	$56.84	$57.12	$56.98	$56.98	$56.88	$57.18	$57.01
INTEROFFICE TRANSPORT										
Common (Shared) Transport										
Common (Shared) Transport per mile per mou	NA	$0.00001	$0.000012	$0.000006	$0.0000049	$0.0000083	$0.0000091	$0.00001	$0.0000121	$0.0004
Common (Shared) Transport Facilities Termination per mou	NA	$0.00045	$0.0005	$0.0004152	$0.0004426	$0.00047	$0.0004281	$0.00034	$0.0004672	$0.00035
Interoffice Channel Transport - Dedicated - VG										
Interoffice Transport - Dedicated - 2-wire VG										
2-Wire VG - per mile per month	1L5XF	$0.03	$0.0100	$0.02	NA	$0.04	NA	$0.03	$0.04	$0.02
2-Wire VG - Facility Termination per month	1L5XF	$18.49	$26.72	$17.07	NA	$19.10	NA	$18.01	$21.42	$18.33
NRC - 2-wire VG - Facility Termination - 1st	1L5XF	$107.11	$81.73	$79.61	NA	$76.20	NA	$137.48	$138.44	$55.39
NRC - 2-wire VG - Facility Termination - Add'l	1L5XF	$48.27	$55.26	$36.08	NA	$34.54	NA	$52.58	$51.37	$17.37
NRC - 2-wire VG - Facility Termination - Disconnect Charge - 1st	1L5XF	$37.16	$31.26	NA	NA	$29.03	NA	NA	NA	$27.98
NRC - 2-wire VG - Facility Termination - Disconnect Charge - Add'l	1L5XF	$5.88	$12.88	NA	NA	$5.37	NA	NA	NA	$3.51
NRC - Manual Svc Order, per LSR	SOMAN	NA	$21.73	NA	NA	NA	NA	NA	NA	$19.99
NRC - Manual Svc Order, per LSR disconnect	SOMAN	NA	$3.87	NA	NA	NA	NA	NA	NA	NA
NRC - Electronic Svc Order, per LSR	SOMEC	$3.50	$2.77	$3.50	NA	$3.50	NA	$3.50	$3.50	$3.50
NRC - Electronic Svc Order, per LSR disconnect	SOMEC	NA	$0.43	NA	NA	NA	NA	NA	NA	NA
NRC - 2-wire VG - Incremental Charge—Manual Svc Order - 1st	SOMAN	$27.37	NA	$18.94	NA	$18.14	NA	$36.07	$39.63	NA
NRC - 2-wire VG - Incremental Charge—Manual Svc Order - Add'l	SOMAN	$27.57	NA	$18.94	NA	$18.14	NA	$38.07	$39.63	NA
NRC - 2-wire VG - Incremental Charge—Manual Svc Order-Disconnect-1st	SOMAN	$12.97	NA	NA	NA	$8.06	NA	NA	NA	NA
NRC - 2-wire VG - Incremental Charge—Manual Svc Order-Disconnect-Add'l	SOMAN	$12.97	NA	NA	NA	$8.06	NA	NA	NA	NA
Interoffice Transport - Dedicated - 2 Wire VG - Kentucky & Mississippi										
2-Wire VG - per mile per month	1L5NF	NA	NA	NA	$0.03	NA	$0.03	NA	NA	NA
2-Wire VG - Facility Termination per month	1L5NF	NA	NA	NA	$27.66	NA	$21.33	NA	NA	NA
NRC - 2-wire VG - Facility Termination - 1st	1L5NF	NA	NA	NA	$142.31	NA	$106.72	NA	NA	NA
NRC - 2-wire VG - Facility Termination - Add'l	1L5NF	NA	NA	NA	$56.21	NA	$48.63	NA	NA	NA
NRC - 2-wire VG - Facility Termination - Disconnect Charge - 1st	1L5NF	NA	NA	NA	NA	NA	$38.05	NA	NA	NA

BELLSOUTH/INOLOGY RATES
LOCAL INTERCONNECTION

DESCRIPTION	USOC	AL	FL	GA	KY	LA	MS	NC	SC	TN
NRC - 2-wire VG - Facility Termination - Disconnect Charge - Add'l	1L5NF	NA	NA	NA	NA	NA	NA	NA	NA	NA
NRC - Manual Svc Order, per LSR	5OMAN	NA	NA	NA	$19.99	NA	$7.23	NA	NA	$7.23
NRC - Manual Svc Order, per LSR disconnect	5OMAN	NA	NA	NA	NA	NA	NA	NA	NA	NA
NRC - Electronic Svc Order, per LSR	5OMEC	NA	NA	NA	$3.50	NA	$3.50	NA	NA	$3.50
NRC - Electronic Svc Order, per LSR disconnect	5OMEC	NA	NA	NA	NA	NA	NA	NA	NA	NA
NRC - 2-wire VG - Incremental Charge–Manual Svc Order - 1st	5OMAN	NA	NA	NA	NA	NA	$25.52	NA	NA	$25.52
NRC - 2-wire VG - Incremental Charge–Manual Svc Order - Add'l	5OMAN	NA	NA	NA	NA	NA	$25.52	NA	NA	$25.52
NRC - 2-wire VG - Incremental Charge–Manual Svc Order-Disconnect–1st	5OMAN	NA	NA	NA	NA	NA	$11.34	NA	NA	$11.34
NRC - 2-wire VG - Incremental Charge–Manual Svc Order-Disconnect–Add'l	5OMAN	NA	NA	NA	NA	NA	$11.34	NA	NA	$11.34
Interoffice Transport - Dedicated - DS0 - 56/64 KBPS										
DS0 - per mile per month	1L5XK	$0.0339	$0.0100	$0.0222	$0.0301	$0.0384	$0.0323	$0.0282	$0.0373	$0.1730
DS0 - Facility Termination per month	1L5XK	$17.81	$19.46	$15.45	$26.95	$18.37	$20.64	$17.40	$20.71	$17.74
NRC - DS0 - Facility Termination - 1st	1L5XK	$107.11	$81.74	$79.61	$142.31	$76.20	$106.72	$137.48	$136.44	$55.39
NRC - DS0 - Facility Termination - Add'l	1L5XK	$48.27	$55.26	$36.08	$56.21	$34.54	$48.83	$52.58	$51.37	$17.37
NRC - DS0 -Facility Termination - Disconnect Charge - 1st	1L5XK	$37.16	$31.26	NA	NA	$28.03	$38.05	NA	NA	$27.96
NRC - DS0 - Facility Termination - Disconnect Charge - Add'l	1L5XK	$5.88	$12.88	NA	NA	$5.37	$7.23	NA	NA	$3.51
NRC - Manual Svc Order, per LSR	5OMAN	NA	$21.73	NA	$19.99	NA	NA	NA	NA	$19.99
NRC - Manual Svc Order, per LSR disconnect	5OMAN	NA	$3.87	NA	NA	NA	NA	NA	NA	NA
NRC - Electronic Svc Order, per LSR	5OMEC	$3.50	$2.77	$3.50	$3.50	$3.50	$3.50	$3.50	$3.50	$3.50
NRC - Electronic Svc Order, per LSR disconnect	5OMEC	NA	$0.43	NA	NA	NA	NA	NA	NA	NA
NRC - DS0 -Incremental Charge–Manual Svc Order - 1st	5OMAN	$27.37	NA	$18.94	NA	$18.14	$38.05	$38.07	$39.63	NA
NRC -DS0 -Incremental Charge–Manual Svc Order - Add'l	5OMAN	$27.37	NA	$18.94	NA	$18.14	NA	$38.07	$39.63	NA
NRC - DS0 -Incremental Charge–Manual Svc Order-Disconnect–1st	5OMAN	$12.97	NA	NA	NA	$8.06	NA	NA	NA	NA
NRC - DS0 -Incremental Charge–Manual Svc Order-Disconnect–Add'l	5OMAN	$12.97	NA	NA	NA	$8.06	NA	NA	NA	NA
Interoffice Transport - Dedicated - DS0 - 56/64 KBPS - Kentucky & Mississippi										
DS0 - per mile per month	1L5NK	NA	NA	NA	$0.0301	NA	$0.0323	NA	NA	NA
DS0 - Facility Termination per month	1L5NK	NA	NA	NA	$26.95	NA	$20.64	NA	NA	NA
NRC - DS0 - Facility Termination - 1st	1L5NK	NA	NA	NA	$142.31	NA	$106.72	NA	NA	NA
NRC - DS0 - Facility Termination - Add'l	1L5NK	NA	NA	NA	$56.21	NA	$48.83	NA	NA	NA
NRC - DS0 - Facility Termination - Disconnect Charge - 1st	1L5NK	NA	NA	NA	NA	NA	$38.05	NA	NA	NA
NRC - DS0 - Facility Termination - Disconnect Charge - Add'l	1L5NK	NA	NA	NA	NA	NA	$7.23	NA	NA	NA
NRC - Manual Svc Order, per LSR	5OMAN	NA	NA	NA	$19.99	NA	NA	NA	NA	NA
NRC - Manual Svc Order, per LSR disconnect	5OMAN	NA	NA	NA	NA	NA	NA	NA	NA	NA
NRC - Electronic Svc Order, per LSR	5OMEC	NA	NA	NA	$3.50	NA	$3.50	NA	NA	NA
NRC - Electronic Svc Order, per LSR disconnect	5OMEC	NA	NA	NA	NA	NA	NA	NA	NA	NA
NRC - DS0 -Incremental Charge–Manual Svc Order - 1st	5OMAN	NA	NA	NA	$37.21	NA	$25.52	NA	NA	NA
NRC - DS0 - Incremental Charge–Manual Svc Order - Add'l	5OMAN	NA	NA	NA	$37.21	NA	$25.52	NA	NA	NA
NRC - DS0 -Incremental Charge–Manual Svc Order-Disconnect–1st	5OMAN	NA	NA	NA	NA	NA	$11.34	NA	NA	NA
NRC - DS0 -Incremental Charge–Manual Svc Order-Disconnect–Add'l	5OMAN	NA	NA	NA	NA	NA	$11.34	NA	NA	NA
Interoffice Transport - Dedicated - DS1										
DS1 - per mile per month	1L5XL	$0.69	$0.2005	$0.31	NA	$0.78	NA	$0.58	$0.76	$0.35
DS1 - Facility Termination per month	1L5XL	$79.69	$93.31	$63.39	NA	$93.40	NA	$71.29	$94.98	$75.83
NRC - DS1-Facility Termination - 1st	1L5XL	$198.15	$179.99	$147.07	NA	$140.49	NA	$217.17	$216.27	$145.98

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DESCRIPTION	USOC	AL	FL	GA	KY	LA	MS	NC	SC	TN
						RATES BY STATE				
NRC - DS1 - Facility Termination - Add'l	1L5XL	$148.18	$164.95	$111.75	NA	$106.69	NA	$163.75	$162.70	$109.85
NRC - DS1 - Facility Termination - Disconnect Charge - 1st	1L5XL	$25.44	$30.54	NA	NA	$20.00	NA	NA	NA	$19.55
NRC - DS1 - Facility Termination -Disconnect Charge - Add'l	1L5XL	$20.42	$26.97	NA	NA	$16.34	NA	NA	NA	$14.98
NRC - Manual Svc Order, per LSR	SOMAN	NA	$21.73	NA	NA	NA	NA	NA	NA	$19.99
NRC - Manual Svc Order, per LSR disconnect	SOMAN	NA	$3.87	NA	NA	NA	NA	NA	NA	NA
NRC - Electronic Svc Order, per LSR	SOMEC	$3.50	$2.77	$3.50	NA	$3.50	NA	$3.50	$3.50	$3.50
NRC - Electronic Svc Order, per LSR disconnect	SOMEC	NA	$0.43	NA	NA	NA	NA	NA	NA	NA
NRC - DS1 - Incremental Charge -Manual Svc Order - 1st	SOMAN	$27.37	NA	$18.94	NA	$18.14	NA	$38.07	$39.63	NA
NRC -DS1 - Incremental Charge -Manual Svc Order - Add'l	SOMAN	$27.37	NA	$18.94	NA	$18.14	NA	$38.07	$39.63	NA
NRC - DS1 - Incremental Charge -Manual Svc Order-Disconnect--1st	SOMAN	$12.97	NA	NA	NA	$8.06	NA	NA	NA	NA
NRC - DS1 - Incremental Charge--Manual Svc Order-Disconnect--Add'l	SOMAN	$12.97	NA	NA	NA	$8.06	NA	NA	NA	NA
Interoffice Transport - Dedicated - DS1 - Kentucky & Mississippi										
DS1 - per mile per month	1L5NL	NA	NA	NA	$0.45	NA	$0.66	NA	NA	NA
DS1 -Facility Termination per month	1L5NL	NA	NA	NA	$55.05	NA	$74.40	NA	NA	NA
NRC - DS1 - Facility Termination - 1st	1L5NL	NA	NA	NA	$298.18	NA	$196.29	NA	NA	NA
NRC - DS1 - Facility Termination - Add'l	1L5NL	NA	NA	NA	$231.23	NA	$147.31	NA	NA	NA
NRC - DS1 - Facility Termination - Disconnect Charge - 1st	1L5NL	NA	NA	NA	NA	NA	$28.56	NA	NA	NA
NRC - DS1 - Facility Termination -Disconnect Charge - Add'l	1L5NL	NA	NA	NA	NA	NA	$21.61	NA	NA	NA
NRC - Manual Svc Order, per LSR	SOMAN	NA	NA	NA	$19.89	NA	NA	NA	NA	NA
NRC - Manual Svc Order, per LSR disconnect	SOMAN	NA	NA	NA	NA	NA	NA	NA	NA	NA
NRC - Electronic Svc Order, per LSR	SOMEC	NA	NA	NA	$3.50	NA	$3.50	NA	NA	NA
NRC - Electronic Svc Order, per LSR disconnect	SOMEC	NA	NA	NA	NA	NA	NA	NA	NA	NA
NRC - DS1 - Incremental Charge -Manual Svc Order - 1st	SOMAN	NA	NA	NA	NA	NA	$25.52	NA	NA	NA
NRC -DS1 - Incremental Charge -Manual Svc Order - Add'l	SOMAN	NA	NA	NA	NA	NA	$25.52	NA	NA	NA
NRC - DS1 - Incremental Charge -Manual Svc Order-Disconnect--1st	SOMAN	NA	NA	NA	NA	NA	$11.31	NA	NA	NA
NRC - DS1 - Incremental Charge--Manual Svc Order-Disconnect--Add'l	SOMAN	NA	NA	NA	NA	NA	$11.34	NA	NA	NA
Interoffice Transport - Dedicated - DS3										
DS3 - per mile per month	1L5XM	$4.98	$4.25	$2.72	NA	$6.78	NA	$12.98	$8.13	$6.88
DS3 -Facility Termination per month	1L5XM	$896.15	$1,130	$788.00	NA	$1,025.00	NA	$720.38	$867.70	$840.61
NRC - DS3 - Facility Termination - 1st	1L5XM	$511.77	$562.06	$511.10	NA	$475.31	NA	$794.94	$908.72	$723.44
NRC - DS3 - Facility Termination - Add'l	1L5XM	$330.82	$328.16	$330.77	NA	$307.62	NA	$579.55	$423.45	$409.58
NRC - DS3 - Facility Termination - Disconnect Charge - 1st	1L5XM	$121.72	$112.44	$122.31	NA	$113.75	NA	NA	NA	$154.28
NRC - DS3 - Facility Termination - Disconnect Charge - Add'l	1L5XM	$118.54	$109.19	$119.14	NA	$110.80	NA	NA	NA	$130.74
NRC - Manual Svc Order, per LSR	SOMAN	NA	$21.73	NA	NA	NA	NA	NA	NA	$19.99
NRC - Manual Svc Order, per LSR disconnect	SOMAN	NA	$3.67	NA	NA	NA	NA	NA	NA	NA
NRC - Electronic Svc Order, per LSR	SOMEC	$3.50	$2.77	$3.50	NA	$3.50	NA	$3.50	$3.50	$3.50
NRC - Electronic Svc Order, per LSR disconnect	SOMEC	NA	$0.43	NA	NA	NA	NA	NA	NA	NA
NRC - DS3 - Incremental Charge--Manual Svc Order - 1st	SOMAN	$38.48	NA	$37.55	NA	$34.92	NA	$91.26	$54.26	NA
NRC - DS3 - Incremental Charge -Manual Svc Order - Add'l	SOMAN	$38.48	NA	$37.55	NA	$34.92	NA	$91.26	$54.26	NA
NRC - DS3 - Incremental Charge -Manual Svc Order-Disconnect--1st	SOMAN	$19.03	$18.03	$18.03	NA	$16.77	NA	NA	NA	NA
NRC - DS3 - Incremental Charge--Manual Svc Order-Disconnect--Add'l	SOMAN	$19.03	NA	$18.03	NA	$16.77	NA	NA	NA	NA
Interoffice Transport - Dedicated - DS3 - Kentucky & Mississippi										
DS3 - per mile per month	1L5NM	NA	NA	NA	$12.06	NA	$15.02	NA	NA	NA
DS3 -Facility Termination per month	1L5NM	NA	NA	NA	$1,112.02	NA	$744.38	NA	NA	NA

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DESCRIPTION	USOC	AL	FL	GA	KY	LA	MS	NC	SC	TN
NRC - DS3 - Facility Termination -1st	1L5NM	NA	NA	NA	$688.75	NA	$688.74	NA	NA	NA
NRC - DS3 - Facility Termination - Add'1	1L5NM	NA	NA	NA	$524.95	NA	$477.76	NA	NA	NA
NRC - DS3 - Facility Termination - Disconnect Charge - 1st	1L5NM	NA	NA	NA	NA	NA	$125.56	NA	NA	NA
NRC - DS3 - Facility Termination - Disconnect Charge - Add'1	1L5NM	NA	NA	NA	NA	NA	$118.79	NA	NA	NA
NRC - Manual Svc Order, per LSR	SOMAN	NA	NA	NA	$19.99	NA	NA	NA	NA	NA
NRC - Manual Svc Order, per LSR disconnect	SOMAN	NA	NA	NA	NA	NA	NA	NA	NA	NA
NRC - Electronic Svc Order, per LSR	SOMEC	NA	NA	NA	$3.50	NA	$3.50	NA	NA	NA
NRC - Electronic Svc Order, per LSR disconnect	SOMEC	NA	NA	NA	NA	NA	NA	NA	NA	NA
NRC - DS3 - Incremental Charge--Manual Svc Order - 1st	SOMAN	NA	NA	NA	NA	NA	$64.87	NA	NA	NA
NRC - DS3 - Incremental Charge--Manual Svc Order - Add'1	SOMAN	NA	NA	NA	NA	NA	$64.97	NA	NA	NA
NRC - DS3 - Incremental Charge--Manual Svc Order-Disconnect--1st	SOMAN	NA	NA	NA	NA	NA	$27.08	NA	NA	NA
NRC - DS3 - Incremental Charge--Manual Svc Order-Disconnect--Add'1	SOMAN	NA	NA	NA	NA	NA	$27.08	NA	NA	NA
Local Channel - Dedicated										
Local Channel - Dedicated - 2-Wire VG	TEFV2	$14.61	$26.31	$13.91	$22.26	$14.94	$17.83	$14.83	$16.83	$19.02
Monthly Recurring per month	TBD									
Zone 1	TBD	NA	NA	$11.91	NA	NA	NA	NA	NA	$16.42
Zone 2	TBD	NA	NA	$13.83	NA	NA	NA	NA	NA	$20.66
Zone 3	TBD	NA	NA	$21.98	NA	NA	NA	NA	NA	$29.61
Zone 4	TBD	NA	NA	NA	NA	NA	NA	NA	NA	NA
NRC - STS-1 - Facility Termination - 1st	TEFV2	$494.85	$389.37	$382.95	$585.15	$347.49	$487.62	$553.80	$554.00	$189.33
NRC - STS-1 - Facility Termination - Add'1	TEFV2	$88.44	$66.88	$62.40	$98.53	$59.75	$84.35	$89.69	$88.58	$24.16
NRC - STS-1 - Facility Termination - Disconnect - 1st	TEFV2	$77.81	$68.45	NA	$11.99	$53.68	$77.69	NA	NA	$54.81
NRC - STS-1 - Facility Termination - Disconnect - Add'1	TEFV2	$7.63	$5.97	NA	NA	$6.60	$8.85	NA	NA	$4.80
NRC - Manual Svc Order, per LSR	SOMAN	NA	$21.73	NA	$19.99	NA	NA	NA	NA	$19.99
NRC - Manual Svc Order, per LSR disconnect	SOMAN	NA	$3.87	NA	NA	NA	NA	NA	NA	NA
NRC - Electronic Svc Order, per LSR	SOMEC	$3.50	$2.77	$3.50	$3.50	$3.50	$3.50	$3.50	$3.50	$3.50
NRC - Electronic Svc Order, per LSR disconnect	SOMEC	NA	$0.43	NA	NA	NA	NA	NA	NA	NA
NRC - STS-1 - Incremental Charge--Manual Svc Order - 1st	SOMAN	$27.37	NA	$18.94	NA	$18.14	$25.52	$42.17	$43.75	NA
NRC - STS-1 - Incremental Charge--Manual Svc Order - Add'1	SOMAN	$18.37	NA	$8.42	NA	$8.06	$11.34	$12.76	$13.55	NA
NRC - STS-1 - Incremental Cost - Manual Svc. Order vs. Elect-Disconnect-1st	SOMAN	$17.75	NA	NA	NA	$11.40	$16.05	NA	NA	NA
Local Channel - Dedicated - 4-Wire VG										
Monthly Recurring per month	TEFV4	$15.77	$27.48	$14.99	$23.38	$16.21	$19.03	$15.87	$18.05	$20.14
Zone 1	TBD	NA	NA	$12.90	NA	NA	NA	NA	NA	$17.38
Zone 2	TBD	NA	NA	$14.90	NA	NA	NA	NA	NA	$21.88
Zone 3	TBD	NA	NA	$23.68	NA	NA	NA	NA	NA	$31.36
Zone 4	TBD	NA	NA	NA	NA	NA	NA	NA	NA	NA
NRC - 4-Wire VG - 1st	TEFV4	$502.43	$390.25	$388.44	$585.15	$352.75	$495.25	$562.23	$562.46	$201.53
NRC - 4-Wire VG - Add'1	TEFV4	$96.68	$67.75	$64.05	$98.53	$61.33	$86.56	$92.67	$91.57	$24.83
NRC - 4-Wire VG - Disconnect Chg - 1st	TEFV4	$78.71	$69.32	NA	NA	$54.36	$78.58	NA	NA	$55.52
NRC - 4-Wire VG - Disconnect Chg - Add'1	TEFV4	$9.53	$6.85	NA	NA	$7.28	$9.84	NA	NA	$5.51
NRC - Manual Svc Order, per LSR	SOMAN	NA	$21.73	NA	$19.99	NA	NA	NA	NA	$19.99
NRC - Manual Svc Order, per LSR disconnect	SOMAN	NA	$3.87	NA	NA	NA	NA	NA	NA	NA
NRC - Electronic Svc Order, per LSR	SOMEC	$3.50	$2.77	$3.50	$3.50	$3.50	$3.50	$3.50	$3.50	$3.50
NRC - Electronic Svc Order, per LSR disconnect	SOMEC	NA	$0.43	NA	NA	NA	NA	NA	NA	NA
NRC - 4-Wire VG - Incremental Charge--Manual Svc Order - 1st	SOMAN	$27.37	NA	$18.94	NA	$18.14	$25.52	$42.17	$43.64	NA

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DESCRIPTION	USOC	AL	FL	GA	KY	LA	MS	NC	SC	TN
						RATES BY STATE				
NRC - 4-Wire VG - Incremental Charge–Manual Svc Order - Add'l	SOMAN	$18.73	NA	$8.42	NA	$8.06	$11.34	$12.76	$13.55	NA
Local Channel - Dedicated - DS1										
DS1 Monthly Recurring per month	TEFHG	$35.52	$42.98	$38.36	$43.80	$43.80	$38.91	$35.88	$37.20	$40.27
DS1 per mile per month	1L5NC	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Zone 1	TBD	NA	NA	$33.02	NA	NA	NA	NA	NA	$34.78
Zone 2	TBD	NA	NA	$38.13	NA	NA	NA	NA	NA	$43.75
Zone 3	TBD	NA	NA	$60.60	NA	NA	NA	NA	NA	$62.70
Zone 4	TBD	NA	NA	NA	NA	NA	NA	NA	NA	NA
NRC - DS1 - 1st	TEFHG	$503.57	$367.86	$356.15	$538.95	$348.56	$494.83	$534.48	$534.81	$277.35
NRC - DS1 - Add'l	TEFHG	$442.84	$309.95	$312.89	$464.94	$300.30	$435.28	$462.69	$462.81	$233.26
NRC - DS1 - Disconnect Chg - 1st	TEFHG	$46.28	$41.46	NA	NA	$24.15	$46.85	NA	NA	$33.18
NRC - DS1 - Disconnect Chg - Add'l	TEFHG	$32.18	$28.51	NA	NA	$21.31	$33.02	NA	NA	$22.30
NRC - Manual Svc Order, per LSR	SOMAN	NA	$21.73	NA	$19.99	NA	NA	NA	NA	$19.99
NRC - Manual Svc Order, per LSR disconnect	SOMAN	$3.50	$3.87	$3.50	$3.50	$3.50	$3.50	$3.50	$3.50	$3.50
NRC - Electronic Svc Order, per LSR	SOMEC	NA	$2.77	NA	NA	NA	NA	NA	NA	NA
NRC - Electronic Svc Order, per LSR disconnect	SOMEC	NA	$0.43	$44.22	NA	$42.34	$59.58	$86.15	$87.99	NA
NRC - DS1 - Incremental Charge–Manual Svc Order - 1st	SOMAN	$61.95	NA	NA	NA	NA	NA	NA	NA	NA
NRC - DS1 - Incremental Charge–Manual Svc Order - Add'l	SOMAN	$0.00	NA	NA	NA	NA	NA	$1.77	$3.11	NA
Local Channel - Dedicated - DS3										
DS3 - per mile per month	1L5NC	$8.44	$9.32	$6.92	$34.00	$8.77	NA	NA	$12.08	$23.76
DS3 - Facility Termination per month	TEFHJ	$535.92	$560.39	$515.91	$635.09	$573.23	$533.33	$498.87	$493.31	$607.28
NRC - DS3 - Facility Termination - 1st	TEFHJ	$640.54	$910.45	$639.50	$1,091.00	$594.71	$526.67	$562.25	$735.42	$726.16
NRC - DS3 - Facility Termination - Add'l	TEFHJ	$426.28	$532.19	$426.40	$661.23	$396.54	$493.71	$527.88	$519.31	$411.64
NRC - DS3 - Facility Termination - Disconnect - 1st	TEFHJ	$121.72	$112.44	$122.31	$113.75	$113.75	$42.41	NA	NA	$103.36
NRC - DS3 - Facility Termination - Disconnect - Add'l	TEFHJ	$118.54	$156.12	$119.14	NA	$110.80	$40.87	NA	NA	$100.59
NRC - Manual Svc Order, per LSR	SOMAN	NA	$21.73	NA	$19.99	NA	NA	NA	NA	$19.99
NRC - Manual Svc Order, per LSR disconnect	SOMAN	$3.50	$3.87	$3.50	$3.50	$3.50	$3.50	$3.50	$3.50	$3.50
NRC - Electronic Svc Order, per LSR	SOMEC	NA	$2.77	$3.50	$3.50	$3.50	$3.50	$3.50	$3.50	NA
NRC - Electronic Svc Order, per LSR disconnect	SOMEC	NA	$0.43	$0.43	NA	NA	NA	NA	NA	NA
NRC - DS3 - Incremental Charge–Manual Svc Order - 1st	SOMAN	$38.48	NA	$37.55	NA	$34.92	$31.49	$56.25	$54.26	NA
NRC - DS3 - Incremental Charge–Manual Svc Order - Add'l	SOMAN	$38.48	NA	$37.55	NA	$34.92	$31.49	$56.25	$54.26	NA
NRC - DS3 - Incremental Charge–Manual Svc Order-Disconnect -1st	SOMAN	$19.03	NA	$18.03	NA	$16.77	$25.35	NA	NA	NA
NRC - DS3 - Incremental Charge–Manual Svc Order-Disconnect-Add'l	SOMAN	$19.03	NA	$18.03	NA	$16.77	$25.35	NA	NA	NA
CHANNELIZATION										
DS3 Channelization (DS3 to DS1)										
per Channelized System (28 DS1) per month	SATCS	$188.51	$299.24	$190.84	NA	$175.57	NA	$241.81	$234.30	$185.94
NRC - 1st	SATCS	$11.67	$189.04	$73.29	NA	$67.42	NA	NA	NA	$61.09
NRC - Add'l	SATCS	$0.95	$196.37	$60.61	NA	$49.13	NA	NA	NA	$50.31
NRC - 1st - Disconnect	SATCS	$17.22	$14.51	$0.67	NA	$15.49	NA	$16.29	$11.99	$3.91
NRC - Add'l - Disconnect	SATCS	$12.05	$13.26	$12.15	NA	$11.18	NA	$12.39	$12.05	$12.61
per Interface per month (COCI)	SATCO	$8.69	$9.50	$8.76	NA	$8.06	NA	$8.93	$8.68	$9.03
NRC - 1st	SATCO	NA	$21.73	NA	NA	NA	NA	NA	NA	$19.99
NRC - Add'l	SATCO	NA	$3.87	NA	NA	NA	NA	NA	NA	NA

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RATES BY STATE

DESCRIPTION	USOC	AL	FL	GA	KY	LA	MS	NC	SC	TN
NRC - Manual Svc Order, per LSR	SOMEC	$3.50	$2.77	$3.50	NA	$3.50	NA	$3.50	$3.50	$3.50
NRC - Manual Svc Order, per LSR disconnect	SOMAN	NA	$0.43	NA	NA	NA	NA	NA	NA	NA
NRC - Electronic Svc Order, per LSR	SOMAN	$15.61	NA	$14.91	NA	$13.71	NA	$25.51	$25.59	NA
NRC - Electronic Svc Order, per LSR disconnect	SOMAN	$7.39	NA	$8.63	NA	$6.09	NA	$8.37	$8.92	NA
Channel System - Incremental Cost - Manual Svc. Order vs. Electronic -1st	SOMAN	$71.76	NA	$10.82	NA	$9.94	NA	NA	NA	NA
Channel System - Incremental Cost - Manual Svc. Order vs. Electronic -Add'l	SOMAN	$52.03	NA	NA	NA	NA	NA	NA	NA	NA
DS3 Channelization (DS3 to DS1) - Kentucky & Mississippi										
per Channelized System (28 DS1) per month	SATNS	NA	NA	NA	$303.33	NA	$247.40	NA	NA	NA
NRC - 1st	SATNS	NA	NA	NA	NA	NA	$79.94	NA	NA	NA
NRC - Add'l	SATNS	NA	NA	NA	NA	NA	$65.20	NA	NA	NA
NRC - 1st - Disconnect	SATNS	NA	NA	NA	$8.52	NA	$5.58	NA	NA	NA
NRC - Add'l - Disconnect	SATNS	NA	NA	NA	$15.86	NA	$15.85	NA	NA	NA
per Interface per month (COCI)	SATCO	NA	NA	NA	$11.36	NA	$11.35	NA	NA	NA
NRC - 1st	SATCO	NA	NA	NA	$19.99	NA	NA	NA	NA	NA
NRC - Add'l	SATCO	NA	NA	NA	NA	NA	NA	NA	NA	NA
NRC - Manual Svc Order, per LSR	SOMAN	NA	NA	NA	$3.50	NA	$3.50	NA	NA	NA
NRC - Manual Svc Order, per LSR disconnect	SOMAN	NA	NA	NA	NA	NA	NA	NA	NA	NA
NRC - Electronic Svc Order, per LSR	SOMEC	NA	NA	NA	NA	NA	$26.95	NA	NA	NA
NRC - Electronic Svc Order, per LSR disconnect	SOMEC	NA	NA	NA	NA	NA	$11.96	NA	NA	NA
Channel System - Incremental Cost - Manual Svc. Order vs. Electronic -1st	SOMAN	NA	NA	NA	NA	NA	$16.97	NA	NA	NA
Channel System - Incremental Cost - Manual Svc. Order vs. Electronic -Add'l	SOMAN	NA	NA	NA	NA	NA	NA	NA	NA	NA
DS1 Channelization (DS1 to DS0)										
per Channelized System (24 DS0) per month	SATC1	$136.82	$154.74	$126.22	NA	$126.66	NA	$158.01	$147.51	$165.21
NRC - 1st	SATC1	$197.98	$183.57	$200.39	NA	$184.35	NA	$228.01	$220.89	$197.21
NRC - Add'l	SATC1	$123.12	$126.16	$124.93	NA	$114.94	NA	$141.88	$137.15	$119.99
NRC -1sr - Disconnect	SATC1	$11.67	$19.68	$28.95	NA	$28.86	NA	$34.55	NA	$25.66
NRC -Add'l - Disconnect	SATC1	$0.95	$18.29	$18.43	NA	$18.37	NA	$21.14	NA	$15.81
- Interface (COCI)										
per OCU-DP(data) card per month (2.4-64kbs)	SATSA	$1.66	$2.22	$1.06	NA	$1.94	NA	$2.03	$2.34	$2.46
NRC - 1st	SATSA	$12.05	$13.26	$12.15	NA	$11.18	NA	$12.39	$12.05	$12.61
NRC - Add'l	SATSA	$9.69	$9.50	$9.76	NA	$9.06	NA	$9.93	$8.68	$9.03
per BRITE card per month	SATSA	$3.41	$3.86	$3.41	NA	$4.18	NA	$3.76	$4.21	$3.33
NRC - 1st	SATSA	$12.05	$13.26	$12.15	NA	$12.29	NA	$15.78	$12.05	$12.61
NRC - Add'l	SATSA	$8.69	$9.50	$8.78	NA	$8.80	NA	$11.28	$8.68	$9.03
per VG card per month (DS0)	SATSA	$0.86	$1.46	$2.20	NA	$1.06	NA	$1.28	$1.47	$1.25
NRC - 1st	SATSA	$12.05	$13.26	$12.15	NA	$11.18	NA	$12.39	$12.05	$12.61
NRC - Add'l	SATSA	$8.69	$9.50	$8.76	NA	$9.06	NA	$8.93	$8.68	$9.03
NRC - Manual Svc Order, per LSR	SOMAN	NA	$21.73	NA	NA	NA	NA	NA	NA	$19.99
NRC - Manual Svc Order, per LSR disconnect	SOMAN	NA	$3.87	NA	NA	NA	NA	NA	NA	NA
NRC - Electronic Svc Order, per LSR	SOMEC	$3.50	$2.77	$3.50	NA	$3.50	NA	$3.50	$3.50	$3.50
NRC - Electronic Svc Order, per LSR disconnect	SOMEC	NA	$0.43	NA	NA	NA	NA	NA	NA	NA
Channel System - Incremental Cost - Manual Svc. Order vs. Electronic -1st	SOMAN	$15.61	NA	$14.91	NA	$13.71	NA	$25.51	$25.59	NA
Channel System - Incremental Cost - Manual Svc. Order vs. Electronic -Add'l	SOMAN	$7.39	NA	$6.63	NA	$6.09	NA	$9.37	$8.92	NA
Incremental Cost-Manual Svc. Order vs. Elect -Disconnect - 1st	SOMAN	$30.18	NA	$10.82	NA	$9.94	NA	NA	NA	NA
Incremental Cost-Manual Svc. Order vs. Elect -Disconnect - Add'l	SOMAN	$18.86	NA	NA	NA	NA	NA	NA	NA	NA
DS1 Channelization (DS1 to DS0) - Kentucky & Mississippi										
per Channelized System (24 DS0) per month	SASTN1	NA	NA	NA	$200.01	NA	$146.87	NA	NA	NA

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BELLSOUTH/KNOLOGY RATES
LOCAL INTERCONNECTION

DESCRIPTION	USOC	RATES BY STATE								
		AL	FL	GA	KY	LA	MS	NC	SC	TN
NRC - 1st	SASTN1	NA	NA	NA	$302.82	NA	$271.52	NA	NA	NA
NRC - Add'l	SASTN1	NA	NA	NA	$184.20	NA	$164.56	NA	NA	NA
NRC - 1sr - Disconnect	SASTN1	NA	NA	NA	NA	NA	$36.38	NA	NA	NA
NRC - Add'l - Disconnect	SASTN1	NA	NA	NA	NA	NA	$22.82	NA	NA	NA
- Interface (COCI)										
per OCU-DP(data) card per month (2.4-64kbs)	SATSA	NA	NA	NA	$2.94	NA	$2.96	NA	NA	NA
NRC - 1st	SATSA	NA	NA	NA	$15.86	NA	$15.85	NA	NA	NA
NRC - Add'l	SATSA	NA	NA	NA	$11.36	NA	$11.35	NA	NA	NA
per BRITE card per month	SATSA	NA	NA	NA	$4.04	NA	$3.88	NA	NA	NA
NRC - 1st	SATSA	NA	NA	NA	$15.86	NA	$15.85	NA	NA	NA
NRC - Add'l	SATSA	NA	NA	NA	$11.36	NA	$11.35	NA	NA	NA
per VG card per month (DS0)	SATSA	NA	NA	NA	$1.40	NA	$1.45	NA	NA	NA
NRC - 1st	SATSA	NA	NA	NA	$15.86	NA	$15.85	NA	NA	NA
NRC - Add'l	SATSA	NA	NA	NA	$11.36	NA	$11.35	NA	NA	NA
NRC - Manual Svc Order, per LSR	SOMAN	NA	NA	NA	$19.99	NA	NA	NA	NA	NA
NRC - Manual Svc Order, per LSR disconnect	SOMAN	NA	NA	NA	NA	NA	NA	NA	NA	NA
NRC - Electronic Svc Order, per LSR	SOMEC	NA	NA	NA	$3.50	NA	$3.50	NA	NA	NA
NRC - Electronic Svc Order, per LSR disconnect	SOMEC	NA	NA	NA	NA	NA	NA	NA	NA	NA
Channel System - Incremental Cost - Manual Svc. Order vs. Electronic -1st	SOMAN	NA	NA	NA	NA	NA	$26.95	NA	NA	NA
Channel System - Incremental Cost - Manual Svc. Order vs. Electronic -Add'l	SOMAN	NA	NA	NA	NA	NA	$11.99	NA	NA	NA
Incremental Cost-Manual Svc. Order vs. Elect -Disconnect - 1st	SOMAN	NA	NA	NA	NA	NA	$18.97	NA	NA	NA
Incremental Cost-Manual Svc. Order vs. Elect -Disconnect - Add'l	SOMAN	NA	NA	NA	NA	NA	NA	NA	NA	NA
Local Interconnection Mid-Span Meet										
Local Channel - Dedicated - DS1										
DS1 Monthly Recurring per month	TEFHG	$17.78	$22.18	$19.18	$21.90	$21.90	$19.46	$17.85	$18.60	$20.14
NRC - DS1 - 1st	TEFHG	$251.79	$123.25	$178.08	$299.48	$174.28	$247.42	$268.83	$267.41	$138.68
NRC - DS1 - Add'l	TEFHG	$221.42	$115.25	$156.45	$232.47	$150.15	$217.64	$232.73	$231.41	$116.63
NRC - DS1 - Disconnect Chg - 1st	TEFHG	$23.14	NA	NA	NA	$12.08	$23.43	NA	NA	$16.59
NRC - DS1 - Disconnect Chg - Add'l	TEFHG	$16.09	NA	NA	NA	$10.66	$16.51	NA	NA	$11.15
NRC - DS1 - Incremental Charge--Manual Svc Order - 1st	SOMAC	$61.95	NA	$44.22	$97.71	$42.34	$59.58	$623.92	$97.99	$45.68
NRC - DS1 - Incremental Charge--Manual Svc Order - Add'l	SOMAC	$0.00	NA	NA	NA	NA	NA	$467.22	$3.11	$1.76
NRC - DS1 - Incremental Charge--Manual Svc Order-Disconnect	SOMAC	$29.27	NA	NA	NA	$19.48	$27.51	NA	NA	$21.75

NOTES:

If no rate is identified in the contract, the rate for the specific service or function will be as set forth in applicable BellSouth tariff or as negotiated by the parties upon request by either party.

ATTACHMENT 4

VACANT

Attachment 5

Access to Numbers and Number Portability

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ACCESS TO NUMBERS AND NUMBER PORTABILITY

1.   **Non-Discriminatory Access to Telephone Numbers**

All the negotiated rates, terms and conditions set forth in this Attachment pertain to the provisioning of local number portability.

1.1   During the term of this Agreement, CLEC-1 shall contact the North American Numbering Plan Administrator, Neustar, for the assignment of numbering resources. In order to be assigned a Central Office Code, CLEC-1 will be required to complete the Central Office Code (NXX) Assignment Request and Confirmation Form (Code Request Form) in accordance with Industry Numbering Committee's Central Office Code (NXX) Assignment Guidelines (INC 95-0407-008).

1.2   For the purposes of the resale of BellSouth's telecommunications services by CLEC-1, BellSouth will provide CLEC-1 with on line access to telephone numbers for reservation on a first come first served basis. Such reservations of telephone numbers, on a pre-ordering basis shall be for a period of ninety (90) days. CLEC-1 acknowledges that there may be instances where there is a shortage of telephone numbers in a particular CLLIC and in such instances BellSouth may request that CLEC-1 cancel its reservations of numbers. CLEC-1 shall comply with such request.

1.3.   Further, upon CLEC-1 request and for the purposes of the resale of BellSouth's telecommunications services by CLEC-1, BellSouth will reserve up to 100 telephone numbers per Common Language Location Identifier Code (CLLIC), for CLEC-1's sole use. Such telephone number reservations shall be transmitted to CLEC-1 via electronic file transfer. Such reservations shall be valid for ninety (90) days from the reservation date. CLEC-1 acknowledges that there may be instances where there is a shortage of telephone numbers in a particular CLLIC and in such instances BellSouth shall use its best efforts to reserve for a ninety (90) day period a sufficient quantity for CLEC-1's reasonable need in that particular CLLIC.

2.   **Number Portability Permanent Solution**

2.1   The FCC, the Commissions, and industry fora have developed and BellSouth is implementing a permanent approach to providing service provider number portability. Both Parties will implement a permanent approach as developed and approved by the Commission, the FCC and industry fora. Consistent with the requirements to move to Permanent Number Portability (PNP) as set forth in Section 5 of this Attachment, Interim Service Provider Number Portability

(SPNP) may be available only until such permanent solution is implemented in an end office.

2.2   End User Line Charge. Recovery of charges associated with implementing PNP through a monthly charge assessed to end users has been authorized by the FCC. This end user line charge will be as filed in BellSouth's FCC Tariff No. 1 and will be billed to CLEC where CLEC is a subscriber to local switching or where CLEC is a reseller of BellSouth telecommunications services. This charge will not be discounted.

3.   **Service Provider Number Portability**

3.1   Definition. Until the industry-wide permanent solution is implemented in an end office, BellSouth shall provide Service Provider Number Portability ("SPNP"). SPNP is an interim service arrangement whereby an end user who switches subscription of his local exchange service from BellSouth to a CLEC, or vice versa, is permitted to retain the use of his existing assigned telephone number, provided that the end user remains at the same location for his local exchange service or changes locations and service providers but stays within the same serving wire center of his existing number.

3.2   Methods of Providing Number Portability. SPNP is available through either remote call forwarding or direct inward dialing trunks, at the election of CLEC-1. Remote call forwarding (SPNP-RCF) is an existing switch-based BellSouth service that redirects calls within the telephone network. Direct inward dialing trunks (SPNP-DID) allow calls to be routed over a dedicated facility to the CLEC-1 switch that serves the subscriber.

3.3.1   Signaling Requirements. SS7 Signaling is required for the provision of SPNP services. SPNP-DID is available from BellSouth on a per DS0, DS1, or DS3 basis. Where SPNP-DID is technically feasible and is provided on a DS1 or a DS3 basis, the applicable channelization rates are those specified in Section E6 in BellSouth's Intrastate Access Tariffs, incorporated herein by this reference. SPNP is available only for basic local exchange service.

3.4   Rates

Rates for SPNP are set out in Exhibit A to this Attachment. If no rate is identified in the Attachment, the rate for the specific service or function will be as set forth in applicable BellSouth tariff or as negotiated by the Parties upon request by either Party.

4.   **SPNP Implementation**

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4.1   SPNP is available only where a CLEC or BellSouth is currently providing, or will begin providing concurrent with provision of SPNP, basic local exchange service to the affected end user. SPNP for a particular telephone number is available only from the central office originally providing local exchange service to the end user. SPNP for a particular assigned telephone number will be disconnected when any end user, Commission, BellSouth, or CLEC initiated activity (*e.g.*, a change in exchange boundaries) would normally result in a telephone number change had the end user retained his initial local exchange service.

4.2.1   SPNP-RCF, as contemplated by this Agreement, is a telecommunications service whereby a call dialed to an SPNP-RCF equipped telephone number is automatically forwarded to an assigned seven- or ten- digit telephone number within the local calling area as defined in BellSouth's General Subscriber Services Tariff. The forwarded-to number shall be specified by the CLEC or BellSouth, as appropriate. The forwarding Party will provide identification of the originating telephone number, via SS7 signaling, to the receiving Party. Identification of the originating telephone number to the SPNP-RCF end user cannot be guaranteed, however. SPNP-RCF provides a single call path for the forwarding of no more than one simultaneous call to the receiving Party's specified forwarded-to number.

4.2.2   SPNP-DID service, as contemplated by this Agreement, provides trunk side access to end office switches for direct inward dialing to the other Party's premises equipment from the telecommunications network to lines associated with the other Party's switching equipment and must be provided on all trunks in a group arranged for inward service. A SPNP-DID trunk termination charge, provided with SS7 Signaling only, applies for each trunk voice grade equivalent. In addition, direct facilities are required from the end office where a ported number resides to the end office serving the ported end user customer. The rates for a switched local channel and switched dedicated transport apply as contained in BellSouth's Intrastate Access Services tariff, as said tariff is amended from time to time. Transport mileage will be calculated as the airline distance between the end office where the number is ported and the Point of Interface ("POI") using the V&H coordinate method. SPNP-DID must be established with a minimum configuration of two channels and one unassigned telephone number per switch, per arrangement for control purposes. Transport facilities arranged for SPNP-DID may not be mixed with any other type of trunk group, with no outgoing calls placed over said facilities. SPNP-DID will be provided only where such facilities are available and where the switching equipment of the ordering Party is properly equipped. Where SPNP-DID service is required from more than one wire center or from separate trunk groups within the same wire center, such service provided from each wire center or each trunk group within the same wire center shall be considered a separate service. Only customer-dialed sent-paid calls will be completed to the first number of a SPNP-DID number group; however, there are no restrictions on calls completed to other numbers of a SPNP-DID number group. Sent-paid calls refer to those calls placed by an end user who physically deposits currency in a public telephone. Interface group arrangements provided for terminating the switched transport at the Party's terminal location are as set

forth in of BellSouth's Intrastate Access Services Tariff, § E6.1.3.A as amended from time to time.

4.3.1   SPNP-DID Service requires ordering consecutive telephone numbers in blocks of twenty. To order non-consecutive telephone numbers or telephone numbers in less than blocks of twenty, the NBR process must be used. SS7 Signaling is required for the provision of either of these services.

4.4   The calling Party shall be responsible for payment of the applicable charges for sent-paid calls to the SPNP number. For collect, third-party, or other operator-assisted non-sent paid calls to the ported telephone number, BellSouth or the CLEC shall be responsible for the payment of charges under the same terms and conditions for which the end user would have been liable for those charges. Either Party may request that the other block collect and third party non-sent paid calls to the SPNP-assigned telephone number. If a Party does not request blocking, the other Party will provide itemized local usage detail for the billing of non-sent paid calls on the monthly bill of usage charges provided at the individual end user account level. The detail will include itemization of all billable usage. Each Party shall have the option of receiving this usage data on a daily basis via a data file transfer arrangement. This arrangement will utilize the existing industry uniform standard, known as EMI standards, for exchange of billing data. Files of usage data will be created daily for the optional service. Usage originated and recorded in the sending BellSouth RAO will be provided in unrated or rated format, depending on processing system. CLEC usage originated elsewhere and delivered via CMDS to the sending BellSouth RAO shall be provided in rated format.

4.5   Each Party shall be responsible for obtaining authorization from the end user for the handling of the disconnection of the end user's service, the provision of new local service and the provision of SPNP services. Each Party shall be responsible for coordinating the provision of service with the other to assure that its switch is capable of accepting SPNP ported traffic. Each Party shall be responsible for providing equipment and facilities that are compatible with the other's service parameters, interfaces, equipment and facilities and shall be required to provide sufficient terminating facilities and services at the terminating end of an SPNP call to adequately handle all traffic to that location and shall be solely responsible to ensure that its facilities, equipment and services do not interfere with or impair any facility, equipment, or service of the other Party or any of its end users. In the event that either Party determines in its reasonable judgment that the other Party will likely impair or is impairing, or interfering with any equipment, facility or service or any of its end users, that Party may either refuse to provide SPNP service or may terminate SPNP service to the other Party after providing appropriate notice.

4.6   Each Party shall be responsible for providing an appropriate intercept announcement service for any telephone numbers subscribed to SPNP services for which it is not presently providing local exchange service or terminating to an end

user. Where either Party chooses to disconnect or terminate any SPNP service, that Party shall be responsible for designating the preferred standard type of announcement to be provided.

4.7   Each Party shall be the other Party's single point of contact for all repair calls on behalf of each Party's end user. Each Party reserves the right to contact the other Party's customers if deemed necessary for maintenance purposes.

4.8   Neither Party shall be responsible for adverse effects on any service, facility or equipment from the use of SPNP services. End-to-end transmission characteristics may vary depending on the distance and routing necessary to complete calls over SPNP facilities and the fact that another carrier is involved in the provisioning of service. Therefore, end-to-end transmission characteristics cannot be specified by either Party for such calls. Neither Party shall be responsible to the other if any necessary change in protection criteria or in any of the facilities, operation, or procedures of either renders any facilities provided by the other Party obsolete or renders necessary modification of the other Party's equipment.

4.9   For terminating IXC traffic ported to either Party which requires use of either Party's tandem switching, the tandem provider will bill the IXC tandem switching, the interconnection charge, and a portion of the transport, and the other Party will bill the IXC local switching, the carrier common line and a portion of the transport. If the tandem provider is unable to provide the necessary access records to permit the other Party to bill the IXC directly for terminating access to ported numbers, then the tandem provider will bill the IXC full terminating switched access charges at the tandem provider's rate and will compensate the other Party at the tandem Party's tariff rates via a process used by BellSouth to estimate the amount of ported switched access revenues due the other Party. If an intraLATA toll call is delivered, the delivering Party will pay terminating access rates to the other Party. This subsection does not apply in cases where SPNP-DID is utilized for number portability.

5.   **Transition to Permanent Number Portability**

5.1   Once a PNP is implemented in an end office both Parties must withdraw their SPNP offerings. The transition from existing SPNP arrangements to PNP shall occur within one hundred twenty (120) days from the date PNP is implemented in the end office. Neither Party shall charge the other Party for conversion from SPNP to PNP. The Parties shall comply with any SPNP/PNP transition processes established by the FCC and State commissions and appropriate industry number portability work groups.

5.1.1   Notwithstanding the foregoing, the Parties acknowledge that the FCC has determined once PNP has been deployed pursuant to the FCC's orders, rules and regulations, that all local exchange carriers (LECs) have the duty to provide PNP.

Therefore, either Party, at any time, may seek appropriate legal or regulatory relief concerning the transition from SPNP to PNP or other related issues.

6.   **Conversion Policy**

6.1   BellSouth implemented the conversion of Interim Number Portability (INP) to Local Number Portability (PNP) as follows:

6.1.1   Conversion of SPNP numbers to PNP is handled as a project.

6.1.2   All SPNP numbers in PNP capable switches will be converted to PNP within 120 days after the end of the phase for that MSA or wire center.

6.1.3   BellSouth will continue to offer SPNP until the completion date of the phase for the wire center.

6.2   Conversion Schedule

6.2.1   The schedule to implement PNP in the 21 MSAs in the BellSouth region is as mandated by the FCC may be viewed by accessing the Carrier Notification Web site. The notification also outlines the conversion schedule for all of BellSouth's switches.

6.3   Specific Conversion activities

6.3.1   The BellSouth Account Teams contact each CLEC with SPNP accounts to negotiate a conversion schedule.

6.3.2   During the 120-day conversion period for each MSA, the Local Carrier Service Center (LCSC) will provide special handling for the requests to convert SPNP to PNP. These requests will be logged by a project manager and project managed to ensure end user service outage is minimal. Unless listing changes are requested, the CLECs may use a specially designed form provided by the project manager or account team in lieu of the Local Service Request (LSR), End User (EU), and Number Portability (NP) forms.

6.3.3   If changes are to be made to the SPNP account, the LSR should follow the normal process flow for ordering instead of the SPNP to PNP conversion plan.

6.4   Firm Order Confirmation

6.4.1   During the conversion period, if a CLEC uses the request form in lieu of the LSR, the form will include provisions for providing a manual FOC. If the request is submitted through EDI, the FOC will be sent back to the CLEC via EDI.

6.5   Routing of Calls to the Local Routing Number (LRN)

6.5.1   Trigger orders are not used for SPNP telephone numbers. Once the activate message is sent to the Number Portability Administration Center (NPAC) by the new service provider, (with exception of the end user's serving wire center) incoming calls are routed to the new provider. Calls from within the end user's servicing wire center will not route to the new Local Routing Number (LRN) until the porting D order processes.

6.6   Permanent Number Solution

6.6.1   BellSouth and CLEC will adhere to the process flows and cutover guidelines outlined in the LNP Reference Guide.

6.6.1.1   BellSouth and CLEC will work cooperatively to implement changes to PNP process flows ordered by the FCC or as recommended by standard industry fora addressing PNP.

6.6.1.2   Both Parties shall cooperate in the process of porting numbers form one carrier to another so as to limit service outage for the ported subscriber. BellSouth will set LRN unconditional or 10-digit triggers where applicable which should ensure no interruption to the end user. Where triggers are set, BellSouth removes the ported number at the same time the trigger is removed.

6.6.1.2.1   Trigger orders as used in this Attachment refer to a service order issued in advance of the porting of a number utilizing PNP that provides the following: initiates call queries to the AIN SS7 network in advance of the number being ported; and provides for the CLEC to be in control of when a number ports to the new service provider.

6.6.1.3   For porting of numbers where triggers are not set, the Parties shall coordinate the porting of the number between service providers so as to minimize service interruptions to the end user.

6.6.1.4   BellSouth will provide ordering support for CLEC's PNP requests Monday through Friday 8:00 AM until 8:00 PM EST. BellSouth normal hours of operation for provisioning support are defined in Attachment 6. Ordering and provisioning support required by CLEC outside of these hours will be considered outside of normal business hours and will be subject to overtime billing. For stand alone PNP where LRN unconditional or 10-digit triggers are set, CLEC may port numbers during times that are supported by NPAC 24 hours a day 7 days a week. BellSouth will provide maintenance assistance to CLEC 24 hours a day 7 days a week to resolve issues arising from the porting of numbers for problems isolated to the BellSouth network.

6.6.1.5   Performance Measurements for BellSouth providing PNP are located in Attachment 9 to this Agreement, incorporated herein by this reference.

6.6.2   BellSouth will use best efforts to update switch translations, where necessary, in time frames that are consistent with the time frames BellSouth's end users experience or as offered to other CLECs.

6.6.3   CLEC may request deployment of PNP according to and pursuant to the rules and regulations set forth in 47 CFR § 52.23.

7.   True-up

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

7.2   The interim prices for Network Elements and Other Services and Local Interconnection shall be subject to true-up according to the following procedures:

7.3   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 in the General Terms and Conditions and Attachment 1 of this Agreement.

7.4   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 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 the General Terms and Conditions and Attachment 1 of the Agreement incorporated herein by reference, so long as they file the resulting Agreement with the Commission as a "negotiated Agreement" under Section 252(e) of the Act.

7.5   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 CLEC is 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 prices, which deaveraged prices, if any are required by said final order, shall form the basis of any true-up.

8.   **Operational Support System (OSS) Rates**

The terms, conditions and rates for OSS are as set forth in Section 2.14 of Attachment 2.

BELLSOUTH/CLEC-1 RATES
SERVICE PROVIDER
NUMBER PORTABILITY

DESCRIPTION	USOC	RATES BY STATE								
		AL	FL	GA	KY	LA	MS	NC	SC	TN
INTERIM SERVICE PROVIDER NUMBER PORTABILITY (INTERIM SPNP)										
RCF, per number ported (Business Line), 10 paths	TNPBL	NA	NA	NA	NA	NA	NA	$2.25	NA	NA
RCF, per number ported (Residence Line), 6 paths	TNPRL	NA	NA	NA	NA	NA	NA	$1.15	NA	NA
RCF, per number ported (Business Line)	TNPBL	$2.13	NA	$2.03	NA	$2.29	$2.34	$1.66	$2.17	$1.50
NRC - Electronic	TNPBL	$0.65	NA	$0.51	NA	$0.49	$0.6441	$0.71	$0.7046	NA
NRC - Disconnect Charge	TNPBL	$0.07	NA	NA	NA	$0.05	$0.0644	$0.50	NA	NA
RCF, per number ported (Residence Line)	TNPRL	$2.13	NA	$2.03	NA	$2.29	$2.34	$1.66	$2.17	$1.25
NRC	TNPRL	$0.65	NA	$0.51	NA	$0.49	$0.6441	$0.71	$0.7046	NA
NRC - Disconnect Charge	TNPRL	$0.07	NA	NA	NA	$0.05	$0.0644	$0.50	NA	NA
RCF, add'l capacity for simultaneous call forwarding, per additional path	NA	$0.32	NA	$0.2836	NA	$0.38	$0.3636	$0.32	$0.3654	$0.50
	(++) Bus = TNPBD									
RCF, per service order, per location	Res = TNPRD									
NRC - 1st	TNP++	$1.44	NA	$2.10	NA	$2.02	$2.84	$2.73	$1.37	$25.00
NRC - Add'l	TNP++	$1.44	NA	$2.10	NA	$2.02	$2.84	$2.73	$1.37	$25.00
NRC - Disconnect - 1st	TNP++	$1.44	NA	NA	NA	$2.01	$2.84	NA	NA	NA
NRC - Disconnect - Add'l	TNP++	$1.44	NA	NA	NA	$2.01	$2.84	NA	NA	NA
NRC - Incremental Charge - Manual Service Order - 1st	SOMAN	$27.37	NA	NA	NA	$18.14	$25.52	$45.80	NA	NA
NRC - Incremental Charge - Manual Service Order - Add'l	SOMAN	$27.37	NA	NA	NA	$18.14	$25.52	$45.80	NA	NA
NRC - Incremental Charge - Manual Service Order - Disconnect - 1st	SOMAN	$17.77	NA	NA	NA	$11.41	$16.06	NA	$44.70	NA
NRC - Incremental Charge - Manual Service Order - Disconnect - Add'l	SOMAN	$17.77	NA	NA	NA	$11.41	$16.06	NA	$44.70	NA
INTERIM SERVICE PROVIDER NUMBER PORTABILITY-DID										
DID per number ported, Residence - NRC	TNPDR	$1.18	NA	$0.93	NA	$0.89	$1.17	$2.25	$1.37	NA
DID per number ported, Residence - NRC - Disconnect	TNPDR	$1.18	NA	NA	NA	$0.90	$1.17	NA	NA	NA
DID per number ported, Business - NRC	TNPDB	$1.18	NA	$0.93	NA	$0.89	$1.17	$2.26	$2.25	NA
DID per number ported, Business - NRC - Disconnect	TNPDB	$1.18	NA	NA	NA	$0.90	$1.17	NA	NA	NA
DID per service order, per location										
NRC - 1st	TNPRD	$1.44	NA	$2.10	NA	$2.02	$2.84	$2.73	$1.37	NA
NRC - Add'l	TNPRD	$1.44	NA	$2.10	NA	$2.02	$2.84	$2.73	$1.37	NA
NRC - Disconnect - 1st	TNPRD	$1.44	NA	NA	NA	$2.01	$2.84	NA	$44.70	NA
NRC - Disconnect - Add'l	TNPRD	$1.44	NA	NA	NA	$2.01	$2.84	NA	$44.70	NA
NRC - Incremental Charge - Manual Service Order - 1st	SOMAN	$27.37	NA	$18.94	NA	$18.14	$25.52	$45.80	NA	NA
NRC - Incremental Charge - Manual Service Order - Add'l	SOMAN	$27.37	NA	NA	NA	$18.14	$25.52	$45.80	NA	NA
NRC - Incremental Charge - Manual Service Order - Disconnect - 1st	SOMAN	$17.77	NA	NA	NA	$11.41	$16.06	NA	NA	NA
NRC - Incremental Charge - Manual Service Order - Disconnect - Add'l	SOMAN	$17.77	NA	NA	NA	$11.41	$16.06	NA	NA	NA
DID, per trunk termination, Initial	TNPT2	$11.84	NA	$10.73	NA	$12.46	$13.78	$11.43	$13.16	NA
DID, per trunk termination, Initial - NRC	TNPT2	$173.73	NA	$135.47	NA	$129.69	$171.68	$217.86	$218.03	NA
DID, per trunk termination, Initial - Disconnect	TNPT2	$50.43	NA	NA	NA	$37.65	$49.86	NA	NA	NA
DID, per trunk termination, Subsequent	TNPT2	$11.84	NA	$10.73	NA	$12.46	$13.78	$11.43	$13.16	NA
DID, per trunk termination, Subsequent - NRC	TNPT2	$51.35	NA	$39.53	NA	$37.85	$50.89	$73.56	$73.03	NA
DID, per trunk termination, Subsequent - Disconnect	TNPT2	$25.00	NA	NA	NA	$18.75	$24.71	NA	NA	NA

NOTES:

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

1 Until the FCC issues its order implementing a cost recovery mechanism for permanent number portability, the Company will track its costs of providing interim SPNP with sufficient detail to verify the costs. This will facilitate the Florida PSC's consideration of the recovery of these costs in Docket 950737-TP. (FL)

2 BellSouth and CLEC will each bear their own costs of providing remote call forwarding as an interim number portability option. (KY)

Attachment 6

Ordering and Provisioning

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ORDERING AND PROVISIONING

1. Quality of Ordering and Provisioning

1.1   All the negotiated terms and conditions set forth in this Attachment pertain to ordering and provisioning.

1.2   BellSouth, promptly upon request, shall provide ordering and provisioning services to Knology that are equal to the ordering and provisioning services BellSouth provides to itself or any other CLEC, where technically feasible. The guidelines for ordering and provisioning are set forth in BellSouth Ordering Guide for CLECs and other preordering, ordering and provisioning guides, as appropriate, and as they are amended from time to time during this Agreement (collectively, the "Ordering Guides"). The Ordering Guides may be referenced at the following site: http://www.interconnection.bellsouth.com/guides/guides.html; provided, however, in the event of an inconsistency between any of the Ordering Guides and this Agreement, the latter shall control.

1.3   BellSouth shall provide all ordering and provisioning services to Knology during the same business hours of operation that BellSouth provisions service to its affiliates or end users. Ordering and provisioning support required by Knology outside of these hours will be considered outside of normal business hours and will be subject to overtime billing. All overtime billing charges made to Knology pursuant to this Attachment 6 will be made in accordance with BellSouth's customary, reasonable time and material charges, calculated at rates not to exceed comparable overtime rates set forth in BellSouth's tariffs.

1.4   For purposes of this Attachment, normal hours of operation are as follows:

Monday - Friday: 8:00AM - 5:00PM location time (excluding holidays) (Resale/Network Element non coordinated, coordinated orders and order coordinated - Time Specific)

Saturday: 8:00 AM - 5:00 PM location time (excluding holidays) (Resale/Network Element non-coordinated orders)

Times are either Eastern or Central Time based on the location of the work being performed.

1.5   All other Knology requests for provisioning and installation services are considered outside of the normal hours of operation and may be performed subject to the application of overtime billing charges.

1.6   It is understood and agreed that BellSouth technicians involved in provisioning service to Knology may work shifts outside of BellSouth's regular working hours as defined in Section 1.4 above (e.g., the employee's shift ends at 7:00 p.m. during daylight savings time). To the extent that Knology requests that work necessarily required in the provisioning of service to be performed outside BellSouth's regular working hour and that work is performed by a BellSouth technician during his or her scheduled shift such that BellSouth does not incur any additional costs in performing the work on behalf of Knology, BellSouth will not assess Knology additional charges beyond the rates and charges specified in this Agreement.

2.   Access to Operations Support Systems

2.1   BellSouth shall provide Knology access to operations support systems ("OSS") functions for pre-ordering, ordering and provisioning, maintenance and repair and billing, at rates, terms, and conditions no less favorable than those BellSouth provides to itself, to its affiliates, or to any other telecommunications carrier. The Parties agree and acknowledge that OSS are UNEs, subject to unbundling and rate regulations applicable thereto as prescribed by the FCC and the Commission. BellSouth shall provide Knology access to OSS through a variety of means, including electronic interfaces. Knology shall at all times have the option of placing orders manually (via facsimile) through the Local Carrier Service Center. The OSS functions available to CLECs through electronic interfaces are described below, which descriptions are to be deemed to be incorporated in the performance specifications (as set forth in Attachment 9 to this Agreement) applicable to Services provided by BellSouth to Knology :

2.1.1.   The parties acknowledge that they are currently developing, to mutually agreed upon specifications, a software interface for electronic order entry to be used by the parties for the above described OSS functions and which will be capable of electronic delivery and acceptance of Knology's service orders requests. Subject to parties' completion of acceptance testing of said software, the parties agree to the following:

2.1.1.1   For local service requests ("LSR") for residential LNP only: BellSouth warrants and covenants that (i) it shall respond electronically to each electronically submitted LSR with either a firm order confirmation (FOC) or rejection of the LSR per the performance targets of paragraph 2.1.1.2.1 of this attachment and (ii) it shall respond in writing to each manually submitted LSR with either a FOC or written rejection per the performance targets of paragraph 2.1.1.2.2 of this attachment provided, however, that for manually placed orders, the page limitation in Section 2.2 will apply; provided, further, if at any time during the term, Knology reasonably believes that BellSouth has failed to comply with the performance targets referenced in this paragraph, Knology shall have the right to notify BellSouth thereof, and BellSouth shall respond as soon as possible with a corrective plan, time being of the essence with respect to such response, but in any event no later than 36 hours for network and system failures reported verbally and within 7 business days from the date received for written referrals; and provided, further, BellSouth shall have no obligation to provide a corrective plan for any condition not caused by BellSouth network, systems, processes or personnel.

2.1.1.2   For all other LSRs, the following provisions shall apply:

For electronically or manually submitted LSRs, BellSouth shall respond electronically or in writing, respectively, to each with either a FOC or rejection in accordance with the following standards and intervals:

2.1.1.2.1. For fully mechanized LSRs, the BellSouth response will be made within four (4) hours or less for at least 95% of all such LSRs submitted during the Term;

2.1.1.2.2. For partially mechanized and partially manual LSRs, the response will be made within 48 hours for at least 85% of all such LSRs submitted during the Term;

2.1.1.2.3. Provided, however, if at any time during the term the Commission (or other competent judicial or regulatory authority) prescribes stricter standards or intervals for any type of LSR, they stricter standards or intervals shall apply.

2.1.1.3 Knology may submit any LSR, electronically or manually, from time to time and at any time, substantially in the form of, and containing, at a minimum, the content specified in the Ordering Guides. BellSouth may reject such LSR only if (i) the LSR conflicts with the provisions of said Ordering Guides; or (ii) there occurs a force majeure event as described in Attachment 1 (General Terms and Conditions) of this Agreement; or (iii) connected facility information provided by Knology is in conflict with information in BellSouth's data bases. BellSouth will give Knology no less than 30 days' prior written notice of any software related changes to the business rules contained in the Ordering Guides. Knology may resubmit any LSR lawfully rejected by BellSouth under this Section 2.1.1.3

2.1.1.4 BellSouth's breach of this Section 2.1.1 is to be deemed a breach of this Agreement for which, the parties hereby agree and acknowledge, there may be no adequate remedy at law. Accordingly, in the event of such breach, in addition to and not in lieu of any other available remedies, Knology may seek specific performance thereof (or other injunctive relief) from any competent tribunal having equitable jurisdiction over this Agreement or the parties hereto, and shall have the right to recover from BellSouth its costs incurred (including without limitation reasonable attorneys' fees) in doing so.

2.2   Pre-Ordering. BellSouth shall provide Knology with unbundled electronic access to the following pre-ordering functions: service address validation, telephone number selection, service and feature availability, due date information, and, to the extent required, subject to Commission approval of confidentiality protections, to Customer Record Information (defined below). BellSouth shall provide such access through the Local Exchange Navigation System (LENS) interface, the Telecommunications Access Gateway (TAG) interface, and through other OSS interfaces as made available by BellSouth from time to time. The Parties may exchange customer record information ("Customer Record Information"), including but not limited to, customer specific information in CRIS and RSAG, and, to the extent available, shall provide one another with access to such Customer Record Information via electronic access; if such electronic access is unavailable, the Parties shall provide one another such Customer Record Information in the form of facsimile, hard copy paper, diskette, CD ROM, or similar media, all

as mutually agreed to and within a reasonable period of time upon the other Party's request. . The Parties agree to exchange Customer Record Information at the following intervals. If submitted manually and the customer service record (CSR) is less than 51 pages, the CSR will be delivered within 8 business hours. If over 51 pages, the CSR will be mailed within 8 business hours via US mail or will be overnight delivered with such overnight delivery to be borne by the requester. The Parties agree not to view, copy, or otherwise obtain access to the Customer Record Information of any customer of the other Party without that customer's written permission and further agree that Knology and BellSouth may disclose or provide one another with access to Customer Record Information only in strict compliance with applicable federal or state laws, rules, or regulations (including without limitation the provisions of 47 U.S.C. Section 222 (CPNI)) applicable to the jurisdiction in which such Customer Record Information is disclosed or provided.

2.3   Service Ordering and Provisioning. BellSouth shall provide Knology electronic options for the exchange of ordering and provisioning information. BellSouth shall provide Knology an Electronic Data Interchange (EDI) interface, the TAG ordering interface for non-complex and certain complex resale requests and certain network elements. BellSouth represents and warrants that the EDI interface can be integrated with the TAG pre-ordering interface by Knology or the TAG ordering interface. BellSouth shall provide Knology integrated pre-ordering, ordering and provisioning capability through the LENS interface for non-complex and service requests

2.4   Service Trouble Reporting and Repair. Service trouble reporting and repair allows Knology to report and monitor service troubles and obtain repair services. BellSouth shall provide Knology service trouble reporting in a non-discriminatory manner that provides Knology the equivalent ability to report and monitor service troubles that BellSouth provides to itself. BellSouth also provides Knology an estimated time to repair, an appointment time or a commitment time, as appropriate, on trouble reports. BellSouth provides several options for electronic trouble reporting. For exchange services, BellSouth shall provide Knology non-discriminatory access to the Trouble Analysis Facilitation Interface (TAFI). In addition, BellSouth shall provide Knology with an industry standard, machine-to-machine Electronic Communications Trouble Administration (ECTA) Gateway interface. For designed services, BellSouth shall also provide Knology with a non-discriminatory trouble reporting ECTA Gateway. BellSouth shall also provide Knology trouble reporting functionality through the machine-to-machine EC-CPM/TA interface. If Knology requests BellSouth to repair a trouble after normal working hours, Knology will be billed the appropriate overtime charges associated with this request as set forth in Section 1.3 foregoing.

2.4.1   BellSouth and Knology agree to follow the maintenance procedures dealing with the handoff and resolution of troubles between BellSouth and Knology outlined in the Operational Understanding located on the BellSouth web site at http://www.interconnection.bellsouth.com/guides/other_guides.html.

2.5   Change Management. BellSouth shall provide Knology with an industry-based collaborative process for change management of the electronic interfaces through the Change Control Process ("CCP). Guidelines for this process are set forth in the EICCP document and as

it is amended from time to time during this agreement. This information can be found on BellSouth's Internet address: http://www.interconnection.bellsouth.com.

2.6 **Migration of Knology to New Software Releases for National Standard Machine-to-Machine Electronic Interfaces.** Pursuant to the change management process, BellSouth will issue new software releases for new industry standards for its industry standard, machine-to-machine electronic interfaces and human-to-machine interfaces. When a new release of new industry standards is implemented, BellSouth will continue to support both the new release (N) and the prior release (N-1). When BellSouth makes the next release (N+1) available , BellSouth will eliminate support for the (N-1) release and support the two newest releases (N and N+1). Thus, BellSouth will always support the two most current releases. BellSouth will issue documents to Knology with sufficient notice to allow Knology to make the necessary changes to their systems and operations to migrate to the newest release in a timely fashion.

2.7 **Rates.** All costs incurred by BellSouth to develop and implement operational interfaces to the OSS shall be recovered from the carriers that use the services in accordance with applicable federal and state laws, rules, and regulations. Charge for use of OSS shall be as set forth in Attachments 1 and 2 of this Agreement, subject to amendment from time to time to the extent, if any, required by the FCC, the Commission or any court of competent jurisdiction.

3. Miscellaneous Ordering and Provisioning Guidelines

3.1 **Pending Orders.** To ensure the most efficient use of facilities and resources, orders placed in the hold or pending status by Knology will be held for a maximum of thirty (30) days from the date the order is placed on hold. After such time, if Knology wishes to reinstate an order, Knology may be required to submit a new service order.

3.2 **Single Point of Contact.** Knology will be the single point of contact with BellSouth for ordering activity for network elements and other services used by Knology to provide services to its end users; provided, however, subject to the provisions of Section 4 below, (i) BellSouth may accept a written order to provide such network elements or services to Knology's end user customer either (i) from another CLEC if supported by a valid letter of authorization ("LOA"), or (ii) from the end user customer, subject to the execution of a general letter of authorization by the Parties, to provide such network elements or services to Knology's end user customer . Promptly after the execution of this Agreement, Knology and BellSouth shall each execute a blanket letter of authorization with respect to customer orders, granting one another a limited agency to accept such orders on one another's behalf. The Parties shall each be entitled to adopt their own internal processes for verification of customer authorization for orders, provided, however, that such processes shall comply with applicable state and federal law including, until superseded, the FCC guidelines and orders applicable to Presubscribed Interexchange Carrier (PIC) changes including Un-PIC. Pursuant to such FCC guidelines and orders, and subject to the provisions of Section 4 below, BellSouth may disconnect any network element associated with the service to be disconnected and being used by Knology to provide service to that end user and reuse such network elements or facilities to enable such other LEC to

provide service to the end user. BellSouth will notify Knology that such an order has been processed, but will not be required to notify Knology in advance of such processing. BellSouth will provide notification of the switch in local service providers, once the order has processed through BellSouth's order completion system, via The Loss Notification Report accessible on the Internet.

    3.3   Use of Facilities. When a customer of a CLEC elects to discontinue service and transfer service to another local exchange carrier, including BellSouth, BellSouth shall have the right to reuse the facilities provided to CLEC by BellSouth for retail or resale service, loop and/or port for that customer. Knology, BellSouth may disconnect and reuse facilities when the facility is denied for non-payment and BellSouth has received an order to establish new service or transfer of service from a customer or a customer's CLEC at the same address served by the denied facility.

    3.3.1 Upon receipt of a service order, BellSouth will do the following:

        3.3.1.1   Process disconnect and reconnect orders to provision the service which shall be due dated using current interval guidelines, as set forth in the Products and Services Interval Guide located on the Internet.

        3.3.1.2   Reuse the serving facility for the retail, resale service, or network element at the same location.

        3.3.1.3   Notify Knology in accordance with Section 3.2 above after the disconnect order has been completed.

    3.4   Contact Numbers. The Parties agree to provide one another with toll-free Nation Wide contact numbers for the purpose of ordering, provisioning and maintenance of services.

    3.5   Subscription Functions. In cases where BellSouth performs subscription functions for an inter-exchange carrier (i.e. PIC and LPIC changes via Customer Account Record Exchange (CARE)), BellSouth will provide the affected inter-exchange carriers with the Operating Company Number (OCN) of the local provider for the purpose of obtaining end user billing account and other end user information required under subscription requirements.

    3.6   Cancellation Charges. If Knology cancels an order for network elements or other services, any costs incurred by BellSouth in conjunction with the provisioning of that order will be recovered in accordance with FCC No. 1 Tariff, Section 5.4.

4.   Non-Solicitation.

    4.1   BellSouth, during the Term and in the BellSouth states covered by this Agreement, shall not solicit, appropriate or divert (nor attempt to solicit, appropriate or divert), directly or indirectly, for itself or on behalf of any BellSouth Affiliate, the local service business of any Knology end users with whom BellSouth comes in contact as a result of Knology submitting a Local Service Request to BellSouth pursuant to the terms and conditions of this Attachment 6.

The Parties agree that a violation by BellSouth of the provisions of this Section 4.1 could cause irreparable injury to Knology and that, as there is no adequate remedy at law for such violation, Knology shall have the right, in addition to any other remedies available to it at law or in equity, to enjoin BellSouth in a court of equity for violating or threatening to violate such provisions. In the event Knology is required to enforce this restrictive covenant through legal action, then it shall be entitled to receive all costs incurred thereby, including without limitation, reasonable attorneys' fees.

Attachment 7

Billing and Billing Accuracy Certification

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BILLING AND BILLING ACCURACY CERTIFICATION

1. Payment and Billing Arrangements

All negotiated rates, terms and conditions set forth in this Attachment pertain to billing and billing accuracy certifications.

1.1 Billing. BellSouth agrees to provide billing either through the Carrier Access Billing System (CABS) or through the Customer Records Information System (CRIS), as applicable, depending on the particular service(s) that Knology requests. BellSouth will bill and record in accordance with this Agreement those charges Knology incurs as a result of Knology purchasing from BellSouth Network Elements and Services as set forth in this Agreement. BellSouth will format all bills in CBOS Standard or CLUB/EDI format, depending on the type of service ordered. For those services where standards have not yet been developed, BellSouth's billing format will change as necessary when standards are finalized by the industry forum.

1.1.1 For any service(s) BellSouth orders from Knology, Knology shall bill BellSouth in CABS format.

1.1.2 If either Party requests multiple billing media or additional copies of bills, the Billing Party will provide these at a reasonable charge.

1.2 Master Account. After receiving certification as a local exchange company from the appropriate regulatory agency, Knology will provide the appropriate BellSouth account manager the necessary documentation to enable BellSouth to establish a master account for Local Interconnection, Network Elements and Other Services, and/or resold services. Such documentation shall include the Application for Master Account, proof of authority to provide telecommunications services, an Operating Company Number ("OCN") assigned by the National Exchange Carriers Association ("NECA"), Carrier Identification Code (CIC), Group Access Code (GAC), Access Customer Name and Address (ACNA) and a resale tax exemption certificate, if applicable.

1.3 Payment Responsibility. Payment of all charges will be the responsibility of Knology. Knology shall make payment to BellSouth for all charges in accordance with the provision of this Agreement. BellSouth is not responsible for payments not received by Knology from Knology's customer. BellSouth will not become involved in billing disputes that may arise between Knology and its customer. Payments made to BellSouth, as payment on account, will be credited to an accounts receivable master account and not to an end user's account.

1.4 Payment Due. The payment of all charges, in accordance with the provision of this Agreement, will be due by the next bill date (i.e., same date in the following month as the bill date) and is payable in immediately available funds. Payment is considered to have been made when received by BellSouth.

1.5 If the payment due date falls on a Sunday or on a Holiday which is observed on a Monday, the payment due date shall be the first non-Holiday day following such Sunday or

Holiday. If the payment due date falls on a Saturday or on a Holiday which is observed on Tuesday, Wednesday, Thursday, or Friday, the payment due date shall be the last non-Holiday day preceding such Saturday or Holiday. If payment is not received by the payment due date, a late payment penalty, as set forth in Section 1.7, below, shall apply.

1.6 **Tax Exemption.** Upon delivery of a tax exempt certification from Knology, the total amount billed to Knology will not include those taxes or fees for which the CLEC is exempt. Knology will be solely responsible for the computation, tracking, reporting and payment of all taxes and like fees (e.g., fees for manhole charges, E-911) associated with the services provided to the end user of Knology.

1.7 **Late Payment.** If any portion of the payment is received by BellSouth after the payment due date as set forth preceding, or if any portion of the payment is received by BellSouth in funds that are not immediately available to BellSouth, then a late payment penalty shall be due to BellSouth. The late payment penalty shall be the portion of the payment not received by the payment due date times a late factor and will be applied on a per bill basis. The late factor shall be as set forth in Section A2 of the General Subscriber Services Tariff, Section B2 of the Private Line Service Tariff or Section E2 of the Intrastate Access Tariff, whichever BellSouth determines is appropriate. Knology will be charged a fee for all returned checks as set forth in Section A2 of the General Subscriber Services Tariff or in applicable state law.

1.8 **Discontinuing Service to Knology.** The procedures for discontinuing service to Knology are as follows:

1.8.1 BellSouth reserves the right to suspend or terminate service for nonpayment subject to Sections 1.8.2 and 3.2 following, or in the event of prohibited, unlawful or improper use of BellSouth facilities or service or any other violation or noncompliance by Knology of the rules and regulations contained in BellSouth's tariffs subject to prior written notice to Knology and Knology's failure to cure within thirty (30) days after its receipt of said notice.

1.8.2 If payment of account is not received by the bill day in the month after the original bill day, BellSouth, subject to Section 3.2. may provide written notice to Knology that additional applications for service will be refused and that any pending orders for service will not be completed if payment is not received by the fifteenth day following the date of the notice. In addition, BellSouth may, at the same time, give thirty (30) days notice to Knology at the billing address to discontinue the provision of existing services to Knology at any time thereafter if payment is not received by that date. Upon receipt of payment for any services discontinued pursuant to this Section 1.8.2, BellSouth shall promptly resume the provision of same. Reestablishment charges may apply per this Agreement or per applicable tariffs.

1.8.3 In the case of such discontinuance, all billed charges, as well as applicable termination charges, shall become due.

1.8.4 If BellSouth does not discontinue the provision of the services for non-payment on the date specified in the thirty (30) days notice and Knology's failure to pay continues, nothing contained herein shall preclude BellSouth's right to discontinue the provision of the services to Knology without further notice until such time as payment is made.

1.8.5 If payment is not received or satisfactory arrangements made for payment by the date given in the written notification, Knology's services may be discontinued. Upon discontinuance of service on Knology's account, service to Knology's end users will be denied. BellSouth will reestablish service at the request of the end user or Knology for BellSouth to reestablish service upon payment of the appropriate connection fee and subject to BellSouth's normal application procedures. Knology is solely responsible for notifying the end user of the proposed service disconnection. If within fifteen (15) days after an end user's service has been denied and no arrangements to reestablish service have been made consistent with this subSection, the end user's service will be disconnected.

1.9 **Deposit Policy.** When purchasing services from BellSouth, Knology will be required to complete the BellSouth Credit Profile and provide information regarding credit worthiness. Based on the results of the credit analysis, BellSouth reserves the right to secure the account with a suitable form of security deposit. Such security deposit shall take the form of cash, an Irrevocable Letter of Credit (BellSouth form), Surety Bond (BellSouth form) or in its sole discretion some other form of security in an amount not to exceed two (2) month's estimated net charges to Knology. Any such security deposit shall in no way release the customer from his obligation to make complete and timely payments of his bill. Such security shall be required prior to the inauguration of service. If, in the sole reasonable opinion of BellSouth, circumstances so warrant and/or gross monthly billing has increased beyond the level initially used to determine the level of security, BellSouth reserves the right to request additional reasonable amounts as security. Knology's interest on a security deposit, if provided in cash, shall accrue and be paid in accordance with the terms in the appropriate BellSouth tariff.

1.10 **Rates.** Rates for Optional Daily Usage File (ODUF), Enhanced Optional Daily Usage File (EODUF), Access Daily Usage File (ADUF), and Centralized Message Distribution Service (CMDS) are set out in Exhibit A to this Attachment. If no rate is identified in the contract, the rate for the specific service or function will be as set forth in the applicable BellSouth tariff or as negotiated by the Parties upon request by either Party.

2. Billing Accuracy Certification

2.1 Upon request, BellSouth and Knology will mutually develop upon a billing quality assurance program for all billing elements covered in this Agreement that will eliminate the need for post-billing reconciliation. Appropriate terms for access to any BellSouth documents, systems, records, and procedures for the recording and billing of charges will be part of that program.

2.2 Subject to the development of such a billing quality assurance program and after such program has been mutually tested and accepted by both parties in writing, the following

provisions will apply: BellSouth and Knology will develop standards, measurements, and performance requirements for a local billing measurements process. On a calendar quarterly basis BellSouth will provide Knology with mutually agreed upon written performance measurement data that substantiates the accuracy, reliability, and integrity of the billing process for local billing. Knology will pay all bills received from BellSouth for charges rendered strictly in accordance with said mutually accepted billing quality assurance program and payment will be made in full by the payment due date.

2.3   Local billing discrepancies will be addressed in an orderly manner via a mutually agreed upon billing exemption process.

2.3.1   Each Party agrees to notify the other Party upon identifying a billing discrepancy. The Parties shall endeavor to resolve any billing discrepancy within sixty (60) calendar days of the notification date. A mutually agreed upon escalation process will be established for resolving local billing discrepancies as part of the billing quality assurance program.

2.3.2   Closure of a specific billing period will occur by joint agreement of the Parties whereby the Parties agree that such billing period is closed to any further analysis and financial transactions except those resulting from regulatory mandates. Closure will take place within a mutually agreed upon time interval from the Bill Date. The month being closed represents those charges that were billed or should have been billed by the designated Bill Date.

3.   Billing Disputes

3.1   Where the Parties have not agreed upon a billing quality assurance program, billing disputes shall be handled pursuant to the terms of this Section.

3.1.1   Each Party agrees to notify the other Party in writing upon the discovery of a billing dispute. In the event of a billing dispute, the Parties will endeavor to resolve the dispute within sixty (60) calendar days of the notification date.

3.2   As set forth in Sections 1.8.1 and 1.8.2 above, BellSouth reserves the right upon thirty (30) days written notice to Knology to suspend or terminate service for nonpayment of undisputed amounts or amounts that were the subject of a Bona Fide Dispute, which has been resolved in BellSouth's favor under Section 3.3.1, or in the event of a prohibited, unlawful or improper use of the facilities or service, abuse of the facilities, or any other violation or noncompliance by Knology of the rules and regulations of BellSouth's Tariffs. For purposes of this Attachment 7, Bona Fide Dispute means a dispute of a specific amount of money actually billed by BellSouth. The dispute must be clearly explained by Knology and supported by written documentation from Knology, which clearly shows the basis for Knology's dispute of the charges. The dispute must be itemized to show the Q account and earning number against which the disputed amount applies. By way of example and not by limitation, a Bona Fide Dispute will not include the refusal to pay all or part of a bill or bills when no written documentation is

provided to support the dispute, nor shall a Bona Fide Dispute include the refusal to pay other amounts owed by Knology until the dispute is resolved. Claims by Knology for damages of any kind will not be considered a Bona Fide Dispute for purposes of this Section 3.2. Once the Bona Fide Dispute is processed in accordance with Section 3.3.1, Knology will make immediate payment on any of the disputed amount owed to BellSouth or BellSouth shall have the right to pursue normal collection procedures, including termination or suspension for nonpayment pursuant to Section 1.8 hereof; provided however, BellSouth may not exercise such termination, suspension or other collection procedures (nor refuse to accept new applications or to process pending service orders) during the pendency of the Bona Fide Dispute. Any credits due to Knology, pursuant to the Bona Fide Dispute, will be applied to Knology's account by BellSouth immediately upon resolution of the dispute. The Bona Fide Dispute provisions are in addition to (and not in lieu of) any remedies available to either party in connection with the dispute and either Party may seek relief from the Commission at any time pertaining thereto. After the process described in 3.3.1 and 3.4, if Knology continues to refuse to pay an amount resolved by said process in BellSouth's favor, BellSouth would have the right to terminate the service. Knology would also have the right to go to the Commission at that point.

3.3   Resolution of a Bona Fide Dispute is expected to occur at the first level of management resulting in a recommendation for settlement of the Bona Fide Dispute and closure of a specific billing period. If the issues are not resolved within the allotted time frame as specified in Section 3.1.1, the following resolution procedure will begin:

3.3.1   If the Bona Fide Dispute is not resolved within sixty (60) days of the Bill Date, the dispute will be escalated to the second level of management for each of the respective Parties for resolution. If the Bona Fide Dispute is not resolved within ninety (90) days of the Bill Date, the dispute will be escalated to the third level of management for each of the respective Parties for resolution. If the Bona Fide Dispute is not resolved within one hundred and twenty (120) days of the Bill Date, the dispute will be escalated to the fourth level of management for each of the respective Parties for resolution.

3.3.2   If the Bona Fide Dispute is not resolved within one hundred and fifty (150) days of the Bill Date, either Party, in addition to all other remedies, may petition the Commission for relief and review of the Bona Fide Dispute. However, each Party reserves any rights it may have to seek judicial review of any ruling made by the Commission concerning this Agreement.

3.4   If a Party disputes a charge and does not pay such charge by the payment due date, or pays a disputed charge under protest, or if a payment or any portion of a payment is received by either Party after the payment due date, or if a payment or any portion of a payment is received in funds which are not immediately available to the other Party, then a late payment penalty shall be assessed by the Party in whose favor the Bona Fide Dispute is resolved. For bills rendered by either Party for payment, the late payment charge for both Parties shall be calculated based on the portion of the payment not received by the payment due date times the late factor as set forth in the following BellSouth tariffs: for services purchased from the General Subscribers Services Tariff for purposes of resale and for ports and non-designed loops, Section A2 of the General Subscriber Services Tariff; for services purchased from the Private Line Tariff

for purposes of resale, Section B2 of the Private Line Service Tariff; and for network elements and other services and local interconnection charges, Section E2 of the Access Service Tariff. In no event, however, shall interest be assessed by either Party on any previously assessed late payment charges. The Parties shall assess interest on previously assessed late payment charges only in a state where it has the authority pursuant to its tariffs.

4. RAO Hosting

4.1   RAO Hosting, Calling Card and Third Number Settlement System (CATS) and Non-Intercompany Settlement System (NICS) services provided to Knology by BellSouth will be in accordance with the methods and practices regularly adopted and applied by BellSouth to its own operations during the term of this Agreement, including such revisions as may be made from time to time by BellSouth.

4.2   Knology shall furnish all relevant information required by BellSouth for the provision of RAO Hosting, CATS and NICS.

4.3   Compensation amounts, if applicable, will be billed by BellSouth to Knology on a monthly basis in arrears. Amounts due from one Party to the other (excluding adjustments) are payable within thirty (30) days of receipt of the billing statement.

4.4   Knology must have its own unique hosted RAO code. Requests for establishment of RAO status where BellSouth is the selected Centralized Message Distribution System (CMDS) interfacing host, require written notification from Knology to the BellSouth RAO Hosting coordinator at least eight (8) weeks prior to the proposed effective date. The proposed effective date will be mutually agreed upon between the Parties with consideration given to time necessary for the completion of required Telcordia (formerly BellCore) functions. BellSouth will request the assignment of an RAO code from its connecting contractor, currently Telcordia (formerly BellCore), on behalf of Knology and will coordinate all associated conversion activities.

4.5   BellSouth will receive messages from Knology that are to be processed by BellSouth, another LEC or CLEC in the BellSouth region or a LEC outside the BellSouth region.

4.6   BellSouth will perform invoice sequence checking, standard EMI format editing, and balancing of message data with the EMI trailer record counts on all data received from Knology.

4.7   All data received from Knology that is to be processed or billed by another LEC or CLEC within the BellSouth region will be distributed to that LEC or CLEC in accordance with the Agreement(s) which may be in effect between BellSouth and the involved LEC or CLEC.

4.8 All data received from Knology that is to be placed on the CMDS network for distribution outside the BellSouth region will be handled in accordance with the agreement(s) which may be in effect between BellSouth and its connecting contractor (currently Telcordia (formerly BellCore).

4.9 ·BellSouth will receive messages from the CMDS network that are destined to be processed by Knology and will forward them to Knology on a daily basis.

4.10 Transmission of message data between BellSouth and Knology will be via CONNECT:Direct.

4.11 All messages and related data exchanged between BellSouth and Knology will be formatted in accordance with accepted industry standards for EMI formatted records and packed between appropriate EMI header and trailer records, also in accordance with accepted industry standards.

4.12 Knology will ensure that the recorded message detail necessary to recreate files provided to BellSouth will.be maintained for back-up purposes for a period of three (3) calendar months beyond the related message dates.

4.13 Should it become necessary for Knology to send data to BellSouth more than sixty (60) days past the message date(s), Knology will notify BellSouth in advance of the transmission of the data. If there will be impacts outside the BellSouth region, BellSouth will work with its connecting contractor and Knology to notify all affected Parties.

4.14 In the event that data to be exchanged between the two Parties should become lost or destroyed, both Parties will work together to determine the source of the problem. Once the cause of the problem has been jointly determined and the responsible Party (BellSouth or Knology) identified and agreed to, the company responsible for creating the data (BellSouth or Knology) will make every effort to have the affected data restored and retransmitted. If the data cannot be retrieved, the responsible Party will be liable to the other Party for any resulting lost revenue. Lost revenue may be a combination of revenues that could not be billed to the end users and associated access revenues. Both Parties will work together to estimate the revenue amount based upon historical data through a method mutually agreed upon. The resulting estimated revenue loss will be paid by the responsible Party to the other Party within three (3) calendar months of the date of problem resolution, or as mutually agreed upon by the Parties.

4.15 Should an error be detected by the EMI format edits performed by BellSouth on data received from Knology, the entire pack containing the affected data will not be processed by BellSouth. BellSouth will notify Knology of the error condition. Knology will correct the error(s) and will resend the entire pack to BellSouth for processing. In the event that an out-of-sequence condition occurs on subsequent packs, Knology will resend these packs to BellSouth after the pack containing the error has been successfully reprocessed by BellSouth.

4.16   In association with message distribution service, BellSouth will provide Knology with associated intercompany settlements reports (CATS and NICS) as appropriate.

4.17   In no case shall either Party be liable to the other for any direct or consequential damages incurred as a result of the obligations set out in this Agreement.

4.18   RAO Compensation

4.18.1 Rates for message distribution service provided by BellSouth for Knology are as set forth in Exhibit A to this Attachment.

4.18.2 Rates for data transmission associated with message distribution service are as set forth in Exhibit A to this Attachment .

4.18.3 Data circuits (private line or dial-up) will be required between BellSouth and Knology for the purpose of data transmission. Where a dedicated line is required, Knology will be responsible for ordering the circuit, overseeing its installation and coordinating the installation with BellSouth. Knology will also be responsible for any charges associated with this line. Equipment required on the BellSouth end to attach the line to the mainframe computer and to transmit successfully ongoing will be negotiated on a case by case basis. Where a dial-up facility is required, dial circuits will be installed in the BellSouth data center by BellSouth and the associated charges assessed to Knology. Additionally, all message toll charges associated with the use of the dial circuit by Knology will be the responsibility of Knology. Associated equipment on the BellSouth end, including a modem, will be negotiated on a case by case basis between the Parties.

4.18.4 All equipment, including modems and software that is required on Knology end for the purpose of data transmission will be the responsibility of Knology.

4.19   Intercompany Settlements Messages

4.19.1 This Section addresses the settlement of revenues associated with traffic originated from or billed by Knology as a facilities based provider of local exchange telecommunications services outside the BellSouth region. Only traffic that originates in one Bell operating territory and bills in another Bell operating territory is included. Traffic that originates and bills within the same Bell operating territory will be settled on a local basis between Knology and the involved company(ies), unless that company is participating in NICS.

4.19.2 Both traffic that originates outside the BellSouth region by Knology and is billed within the BellSouth region, and traffic that originates within the BellSouth region and is billed outside the BellSouth region by Knology, is covered by this Agreement (CATS). Also covered is traffic that either is originated by or billed by Knology, involves a company other than Knology, qualifies for inclusion in the CATS settlement, and is not originated or billed within the BellSouth region (NICS).

4.19.3 Once Knology is operating within the BellSouth territory, revenues associated with calls originated and billed within the BellSouth region will be settled via Telcordia (formerly BellCore), its successor or assign, NICS system.

4.19.4 BellSouth will receive the monthly NICS reports from Telcordia (formerly BellCore), its successor or assign, on behalf of Knology. BellSouth will distribute copies of these reports to Knology on a monthly basis.

4.19.5 BellSouth will receive the monthly Calling Card and Third Number Settlement System (CATS) reports from Telcordia (formerly BellCore), its successor or assign, on behalf of Knology. BellSouth will distribute copies of these reports to Knology on a monthly basis.

4.19.6 BellSouth will collect the revenue earned by Knology from the Bell operating company in whose territory the messages are billed (CATS), less a per message billing and collection fee of five cents ($0.05), on behalf of Knology. BellSouth will remit the revenue billed by Knology to the Bell operating company in whose territory the messages originated, less a per message billing and collection fee of five cents ($0.05), on behalf on Knology. These two amounts will be netted together by BellSouth and the resulting charge or credit issued to Knology via a monthly Carrier Access Billing System (CABS) miscellaneous bill.

4.19.7 BellSouth will collect the revenue earned by Knology within the BellSouth territory from another CLEC also within the BellSouth territory (NICS) where the messages are billed, less a per message billing and collection fee of five cents ($0.05), on behalf of Knology. BellSouth will remit the revenue billed by Knology within the BellSouth region to the CLEC also within the BellSouth region, where the messages originated, less a per message billing and collection fee of five cents ($0.05). These two amounts will be netted together by BellSouth and the resulting charge or credit issued to Knology via a monthly Carrier Access Billing System (CABS) miscellaneous bill.

BellSouth and Knology agree that monthly netted amounts of less than fifty dollars ($50.00) will not be settled.

5. Optional Daily Usage File

5.1 Upon written request from Knology, BellSouth will provide the Optional Daily Usage File (ODUF) service to Knology pursuant to the terms and conditions set forth in this Section.

5.2 Knology shall furnish all relevant information required by BellSouth for the provision of the Optional Daily Usage File.

5.3   The Optional Daily Usage Feed will contain billable messages that were carried over the BellSouth Network and processed in the BellSouth Billing System, but billed to a Knology customer.

Charges for delivery of the Optional Daily Usage File will appear on Knology's monthly bills. The charges are as set forth in Exhibit A to this Attachment.

5.4   The Optional Daily Usage Feed will contain both rated and unrated messages. All messages will be in the standard Alliance for Telecommunications Industry Solutions (ATIS) EMI record format.

5.5   Messages that error in the billing system of Knology will be the responsibility of Knology. If, however, Knology should encounter significant volumes of errored messages that prevent processing by Knology within its systems, BellSouth will work with Knology to determine the source of the errors and the appropriate resolution.

5.6   The following specifications shall apply to the Optional Daily Usage Feed.

5.6.1   Usage To Be Transmitted

5.6.1.1 The following messages recorded by BellSouth will be transmitted to Knology:

- Message recording for per use/per activation type services (examples: Three Way Calling, Verify, Interrupt, Call Return, ETC.)
- Measured billable Local
- Directory Assistance messages
- IntraLATA Toll
- WATS & 800 Service
- N11
- Information Service Provider Messages
- Operator Services Messages
- Operator Services Message Attempted Calls (Network Element only)
- Credit/Cancel Records
- Usage for Voice Mail Message Service

5.6.1.2 Rated Incollects (originated in BellSouth and from other companies) can also be on Optional Daily Usage File. Rated Incollects will be intermingled with BellSouth recorded rated and unrated usage. Rated Incollects will not be packed separately.

5.6.1.3 BellSouth will perform duplicate record checks on records processed to Optional Daily Usage File. Any duplicate messages detected will be deleted and not sent to Knology.

5.6.1.4 In the event that Knology detects a duplicate on Optional Daily Usage File they receive from BellSouth, Knology will drop the duplicate message (Knology will not return the duplicate to BellSouth).

5.6.2 Physical File Characteristics

5.6.2.1 The Optional Daily Usage File will be distributed to Knology via an agreed medium with CONNECT:Direct being the preferred transport method. The Daily Usage Feed will be a variable block format (2476) with an LRECL of 2472. The data on the Daily Usage Feed will be in a non-compacted EMI format (175 byte format plus modules). It will be created on a daily basis (Monday through Friday except holidays). Details such as dataset name and delivery schedule will be addressed during negotiations of the distribution medium. There will be a maximum of one dataset per workday per OCN.

5.6.2.2 Data circuits (private line or dial-up) may be required between BellSouth and Knology for the purpose of data transmission. Where a dedicated line is required, Knology will be responsible for ordering the circuit, overseeing its installation and coordinating the installation with BellSouth. Knology will also be responsible for any charges associated with this line. Equipment required on the BellSouth end to attach the line to the mainframe computer and to transmit successfully ongoing will be negotiated on a case by case basis. Where a dial-up facility is required, dial circuits will be installed in the BellSouth data center by BellSouth and the associated charges assessed to Knology. Additionally, all message toll charges associated with the use of the dial circuit by Knology will be the responsibility of Knology. Associated equipment on the BellSouth end, including a modem, will be negotiated on a case by case basis between the Parties. All equipment, including modems and software, that is required on Knology's end for the purpose of data transmission will be the responsibility of Knology.

5.6.3 Packing Specifications

5.6.3.1 A pack will contain a minimum of one message record or a maximum of 99,999 message records plus a pack header record and a pack trailer record. One transmission can contain a maximum of 99 packs and a minimum of one pack.

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

The data will be packed using ATIS EMI records.

5.6.4 Pack Rejection

5.6.4.1 Knology will notify BellSouth within one business day of rejected packs (via the mutually agreed medium). Packs could be rejected because of pack sequencing

discrepancies or a critical edit failure on the Pack Header or Pack Trailer records (i.e. out-of-balance condition on grand totals, invalid data populated). Standard ATIS EMI Error Codes will be used. Knology will not be required to return the actual rejected data to BellSouth. Rejected packs will be corrected and retransmitted to Knology by BellSouth.

5.6.5 Control Data

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

5.6.6 Testing

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

6. Access Daily Usage File

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

6.2 Knology shall furnish all relevant information required by BellSouth for the provision of the Access Daily Usage File.

6.3 The Access Daily Usage Feed will contain access messages associated with a port that Knology has purchased from BellSouth.

6.4 Charges for delivery of the Access Daily Usage File will appear on Knology's monthly bills. The charges are as set forth in Exhibit A to this Attachment. All messages will be in the standard Alliance for Telecommunications Industry Solutions (ATIS) EMI record format.

6.5 Messages that error in the billing system of Knology will be the responsibility of Knology. If, however, Knology should encounter significant volumes of errored messages that prevent processing by Knology within its systems, BellSouth will work with Knology to determine the source of the errors and the appropriate resolution.

6.6   Usage To Be Transmitted

6.6.1   The following messages recorded by BellSouth will be transmitted to Knology:

Interstate and intrastate access records associated with a port.

Undetermined jurisdiction access records associated with a port.

6.6.2   When Knology purchases Network Element ports from BellSouth and calls are made using these ports, BellSouth will handle the calls as follows:

Originating from Network Element and carried by Interexchange Carrier:

BellSouth will bill network element to CLEC and send access record to the CLEC via ADUF.

Originating from network element and carried by BellSouth (Knology is BellSouth's toll customer):

BellSouth will bill resale toll rates to Knology and send toll record for the end user toll billing purposes via ODUF (Optional Daily Usage File). Access record will be sent to Knology via ADUF.

Terminating on network element and carried by Interexchange Carrier:

BellSouth will bill network element to Knology and send access record to Knology.

Terminating on network element and carried by BellSouth:

BellSouth will bill network element to Knology and send access record to Knology.

6.6.3   BellSouth will perform duplicate record checks on records processed to the Access Daily Usage File. Any duplicate messages detected will be dropped and not sent to Knology.

6.6.4   In the event that Knology detects a duplicate on the Access Daily Usage File they receive from BellSouth, Knology will drop the duplicate message (Knology will not return the duplicate to BellSouth.)

6.6.5   Physical File Characteristics

6.6.5.1 The Access Daily Usage File will be distributed to Knology via an agreed medium with CONNECT:Direct being the preferred transport method. The Daily Usage Feed

will be a fixed block format (2476) with an LRECL of 2472. The data on the Daily Usage Feed will be in a non-compacted EMI format (210 byte format plus modules). It will be created on a daily basis (Monday through Friday except holidays). Details such as dataset name and delivery schedule will be addressed during negotiations of the distribution medium. There will be a maximum of one dataset per workday per OCN.

6.6.5.2 Data circuits (private line or dial-up) may be required between BellSouth and Knology for the purpose of data transmission. Where a dedicated line is required, Knology will be responsible for ordering the circuit, overseeing its installation and coordinating the installation with BellSouth. Knology will also be responsible for any charges associated with this line. Equipment required on the BellSouth end to attach the line to the mainframe computer and to transmit successfully ongoing will be negotiated on a case by case basis. Where a dial-up facility is required, dial circuits will be installed in the BellSouth data center by BellSouth and the associated charges assessed to Knology. Additionally, all message toll charges associated with the use of the dial circuit by Knology will be the responsibility of Knology. Associated equipment on the BellSouth end, including a modem, will be negotiated on a case by case basis between the Parties. All equipment, including modems and software that is required on Knology's end for the purpose of data transmission will be the responsibility of Knology.

6.6.6 Packing Specifications

6.6.6.1 A pack will contain a minimum of one message record or a maximum of 99,999 message records plus a pack header record and a pack trailer record. One transmission can contain a maximum of 99 packs and a minimum of one pack.

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

The data will be packed using ATIS EMI records.

6.6.7 Pack Rejection

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

6.6.8 Control Data

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

6.6.9 Testing

6.6.9.1 Upon request from Knology, BellSouth shall send test files to Knology for the Access Daily Usage File. Testing shall consist of actual calls made from live accounts. A call log shall be supplied along with test request information. The Parties agree to review and discuss the file's content and/or format.

7. Enhanced Optional Daily Usage File

7.1 Upon written request from Knology, BellSouth will provide the Enhanced Optional Daily Usage File (EODUF) service to Knology pursuant to the terms and conditions set forth in this Section. EODUF will only be sent to existing ODUF subscribers who request the EODUF option.

7.2 Knology shall furnish all relevant information required by BellSouth for the provision of the Enhanced Optional Daily Usage File.

7.3 The Enhanced Optional Daily Usage File (EODUF) will provide usage data for local calls originating from resold Flat Rate Business and Residential Lines.

7.4 Charges for delivery of the Enhanced Optional Daily Usage File will appear on Knology's monthly bills. The charges are as set forth in Exhibit A to this Attachment. All messages will be in the standard Alliance for Telecommunications Industry Solutions (ATIS) EMI record format.

7.5 Messages that error in the billing system of Knology will be the responsibility of Knology. If, however, Knology should encounter significant volumes of errored messages that prevent processing by Knology within its systems, BellSouth will work with Knology to determine the source of the errors and the appropriate resolution.

7.6 The following specifications shall apply to the Optional Daily Usage Feed.

7.6.1 Usage To Be Transmitted

7.6.1.1 The following messages recorded by BellSouth will be transmitted to Knology:

Customer usage data for flat rated local call originating from CLEC end user lines (1FB or 1FR). The EODUF record for flat rate messages will include:

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

7.6.1.2 BellSouth will perform duplicate record checks on EODUF records processed to Optional Daily Usage File. Any duplicate messages detected will be deleted and not sent to Knology.

7.6.1.3 In the event that Knology detects a duplicate on Enhanced Optional Daily Usage File they receive from BellSouth, Knology will drop the duplicate message (Knology will not return the duplicate to BellSouth).

7.6.2   Physical File Characteristics

7.6.2.1 The Enhanced Optional Daily Usage Feed will be distributed to Knology over their existing Optional Daily Usage File (ODUF) feed. The EODUF messages will be intermingled among Knology's Optional Daily Usage File (ODUF) messages. The EODUF will be a variable block format (2476) with an LRECL of 2472. The data on the EODUF will be in a non-compacted EMI format (175 byte format plus modules). It will be created on a daily basis (Monday through Friday except holidays).

7.6.2.2 Data circuits (private line or dial-up) may be required between BellSouth and Knology for the purpose of data transmission. Where a dedicated line is required, Knology will be responsible for ordering the circuit, overseeing its installation and coordinating the installation with BellSouth. Knology will also be responsible for any charges associated with this line. Equipment required on the BellSouth end to attach the line to the mainframe computer and to transmit successfully ongoing will be negotiated on a case by case basis. Where a dial-up facility is required, dial circuits will be installed in the BellSouth data center by BellSouth and the associated charges assessed to Knology. Additionally, all message toll charges associated with the use of the dial circuit by Knology will be the responsibility of Knology. Associated equipment on the BellSouth end, including a modem, will be negotiated on a case by case basis between the Parties. All equipment, including modems and software that is required on Knology's end for the purpose of data transmission will be the responsibility of Knology.

7.6.3   Packing Specifications

7.6.3.1 A pack will contain a minimum of one message record or a maximum of 99,999 message records plus a pack header record and a pack trailer record. One transmission can contain a maximum of 99 packs and a minimum of one pack.

7.6.3.2 The Operating Company Number (OCN), From Revenue Accounting Office (RAO), and Invoice Number will control the invoice sequencing. The From RAO will be used to identify to Knology which BellSouth RAO that is sending the message. BellSouth and Knology will use the invoice sequencing to control data exchange. BellSouth will be notified of sequence failures identified by Knology and resend the data as appropriate.

The data will be packed using ATIS EMI records.

BELLSOUTH TECHNOLOGY RATES
ODUF/EODUF/ADUF/CMDS

RATES BY STATE

DESCRIPTION	USOC	AL	FL	GA	KY	LA	MS	NC	SC	TN
ODUF: Recording, per message	N/A	$0.002	$0.008	$0.008	$0.0000611	$0.00019	$0.0001179	$0.008	$0.0003262	$0.008
ODUF: Message Processing, per message	N/A	$0.0033	$0.004	$0.004	$0.0032357	$0.0024	$0.0032098	$0.004	$0.0032344	$0.004
EODUF: Message Processing, per message	N/A	$0.004	$0.004	$0.004	$0.004	$0.004	$0.004	$0.004	$0.004	$0.004
ADUF: Message Processing, per message	N/A	$0.004	$0.004	$0.004	$0.004	$0.004	$0.004	$0.004	$0.004	$0.004
CMDS: Message Processing, per message	N/A	$0.004	$0.004	$0.004	$0.004	$0.004	$0.004	$0.004	$0.004	$0.004
ODUF: Message Processing, per magnetic tape provisioned	N/A	$55.19	$54.95	$54.95	$55.68	$47.30	$54.82	$54.95	$54.72	$54.95
EODUF: Message Processing, per magnetic tape provisioned	N/A	$47.30	$47.30	$47.30	$47.30	$47.30	$47.30	$47.30	$47.30	$47.30
ODUF: Data Transmission (CONNECT:DIRECT), per message	N/A	$0.0000364	$0.001	$0.001	$0.0000365	$0.00003	$0.0000364	$0.001	$0.0000357	$0.001
EODUF: Data Transmission (CONNECT:DIRECT), per message	N/A	$0.0000364	$0.0000364	$0.0000364	$0.0000364	$0.0000364	$0.0000364	$0.0000364	$0.0000364	$0.0000364
ADUF: Data Transmission (CONNECT:DIRECT), per message	N/A	$0.001	$0.001	$0.001	$0.001	$0.001	$0.001	$0.001	$0.001	$0.001
CMDS: Data Transmission (CONNECT:DIRECT), per message	N/A	$0.001	$0.001	$0.001	$0.001	$0.001	$0.001	$0.001	$0.001	$0.001

NOTES:

If no rate is identified in the contract, the rate for the specific service or function will be as set forth in applicable BellSouth tariff or as negotiated by the parties upon request by either party.

ATTACHMENT 8

VACANT

Attachment 9

Performance Measurements

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BellSouth represents and warrants that as of the Effective Date and at all times throughout the Term, the Services will meet or exceed the Retail Analog/Benchmarks set forth in this Attachment "9".

The Parties shall amend this Attachment "9" to incorporate by reference, any Commission decision relating to performance measurements or standards. Furthermore, in the event BellSouth at no additional cost and at anytime during the Term provides any other telecommunications carrier more favorable performance benchmarks or standards than those set forth in this Agreement, BellSouth shall promptly advise CLEC-1 of the more favorable performance benchmarks or standards and this Agreement shall be deemed to be automatically amended to reflect the more favorable performance benchmarks or standards, retroactive to the effective date of the more favorable benchmarks or standards.

PRE-ORDERING - OSS

Report/Measurement :
Average OSS Response Time and Response Interval
Definition:
Average response time and response intervals are the average times and number of requests responded to within certain intervals for accessing legacy data associated with appointment scheduling, service & feature availability, address verification, request for Telephone Numbers (TNs), and Customer Service Records (CSRs).
Exclusions:
None
Business Rules:
The average response time for retrieving pre-order/order information from a given legacy system is determined by summing the response times for all requests submitted to the legacy during the reporting period and dividing by the total number of legacy requests for that day X 100. The response interval starts when the client application (LENS or TAG for CLECs and RNS for BST) submits a request to the legacy system and ends when the appropriate response is returned to the client application. The number of legacy accesses during the reporting period, which take less than 2.3 seconds and the number, which take more than 6 seconds are also captured.
Level of Disaggregation:
RSAG – Address (Regional Street Address Guide- Address) - stores street address information used to validate customer addresses RSAG – TN (Regional Street Address Guide- Telephone Number) – contains information about facilities available and telephone numbers working at a given address. ATLAS (Application for Telephone Number Load Administration and Selection) - acts as a warehouse for storing telephone numbers that are available for assignment by the system. It enables CLECs and BST service reps to select and reserve telephone numbers. COFFI (Central Office Feature File Interface) - stores information about product and service offerings and availability. DSAP (DOE Support Application) – provides due date information. HAL (Hands-Off Assignment Logic) – a system used to access the Business Office Customer Record Information System (BOCRIS). It allows BST servers, including LENS, access to legacy systems. P/SIMS (Product/Services Inventory Management System) – provides information on capacity, tariffs, inventory and service availability. OASIS (Obtain Available Services Information Systems) - Information on feature and rate availability.
Calculation:
Σ[(Date & Time of Legacy Response) – (Date & Time of Request to Legacy)] / (Number of Legacy Requests During the Reporting Period) X 100
Report Structure:
Not CLEC Specific Not product/service specific Regional Level

Data Retained Relating to CLEC Experience:	Data Retained Relating to BST Performance:
Report Month Legacy Contract (per reporting dimension) Response Interval Regional Scope	Report Month Legacy Contract (per reporting dimension) Response Interval Regional Scope

Retail Analog/Benchmark
CLEC Average Response Intervals is comparable to BST Average Response Interval

LEGACY SYSTEM ACCESS TIMES FOR RNS

System	Contract	Data	< 2.3 sec	> 6 sec	Avg. Sec	# of Calls
RSAG	RSAG-TEN	Address	x	x	x	x
RSAG	RSAG-ADDR	Address	x	x	x	x
ATLAS	ATLAS-TN	TN	x	x	x	x
DSAP	DSAPDDI	Schedule	x	x	x	x
CRIS	CRSACCTS	CSR	x	x	x	x
OASIS	OASISBSN	Feature/Service	x	x	x	x
OASIS	OASISCAR	Feature/Service	x	x	x	x
OASIS	OASISLPC	Feature/Service	x	x	x	x
OASIS	OASISMTN	Feature/Service	x	x	x	x
OASIS	OASISBIG	Feature/Service	x	x	x	x

LEGACY SYSTEM ACCESS TIMES FOR LENS

System	Contract	Data	< 2.3 sec	> 6 sec	Avg. Sec	# of Calls
RSAG	RSAG-TN	Address	x	x	x	x
RSAG	RSAG-ADDR	Address	x	x	x	x
ATLAS	ATLAS-TN	TN	x	x	x	x
DSAP	DSAPDDI	Schedule	x	x	x	x
HAL	HAL/CRIS	CSR	x	x	x	x
COFFI	COFFI/USOC	Feature/Service	x	x	x	x
P/SIMS	PSIMS/ORB	Feature/Service	x	x	x	x

LEGACY SYSTEM ACCESS TIMES FOR TAG

System	Contract	Data	< 2.3 sec	> 6 sec	Avg. Sec	# of Calls
RSAG	RSAG-TN	Address	x	x	x	x
RSAG	RSAG-ADDR	Address	x	x	x	x
ATLAS	ATLASTN	TN	x	x	x	x
DSAP	DSAPDDI	Schedule	x	x	x	x
HAL	HAL/CRIS	CSR	x	x	x	x
CRIS	CRSEINIT	CSR	x	x	x	x
CRIS	CRSECSR	CSR	x	x	x	x

PRE-ORDERING - OSS

Report/Measurement:
OSS Interface Availability
Definition:
Percent of time OSS interface is functionally available compared to scheduled availability. Availability percentages for CLEC interface systems and for all Legacy systems accessed by them are captured
Exclusions:
None
Business Rules:
This measurement captures the availability percentages for the BST systems, which are used by CLECs during Pre-Ordering functions. Comparison to BST results allow conclusions as to whether an equal opportunity exists for the CLEC to deliver a comparable customer experience.
Level of Disaggregation:
Regional Level
Calculation:
(Functional Availability) / (Scheduled Availability) X 100
Report Structure:
Not CLEC Specific
Not product/service specific
Regional Level

Data Retained Relating to CLEC Experience	Data Retained Relating to BST Experience
Report Month	Report Month
Legacy contract type (per reporting dimension)	Legacy contract type (per reporting dimension)
Regional Scope	Regional Scope

Retail Analog/Benchmark:
CLEC OSS Interface Availability is comparable to BST OSS Interface Availability

OSS Interface Availability

OSS Interface	% Availability
LENS	X
LEO Mainframe	X
LEO UNIX	X
LESOG	X
EDI	X
HAL	X
BOCRIS	X
ATLAS/COFFI	X
RSAG/DSAP	X
SOCS	X
TAG	X

ORDERING

Report/Measurement:
Percent Flow Through Service Requests (Summary)
Definition:
The percentage of Local Service Requests (LSR) submitted electronically via the CLEC mechanized ordering process that flow through to SOCS without manual intervention
Exclusions:
Fatal Rejects Auto Clarification Manual Fallout CLEC System Fallout Supplements (subsequent versions) to cancel LSRs that are not LESOG eligible (Under development)
Business Rules:

The CLEC mechanized ordering process includes all LSRs, including supplements (subsequent versions) which are submitted through one of the three gateway interfaces (TAG, EDI, and LENS), and flow through to SOCS without manual intervention. These LSRs can be divided into two classes of service; Business and Residence, and three types of service; Resale and Unbundled Network Elements (UNE), and specials. The CLEC mechanized ordering process does not include LSRs, which are, submitted manually (e.g., fax, and courier), or are not designed to flow through, i.e., Manual Fallout.

Definitions:

Fatal Rejects: Errors that prevent an LSR, submitted by the CLEC, from being processed further. When an LSR is submitted by a CLEC, LEO will perform edit checks to ensure the data received is correctly formatted and complete. For example, if the PON field contains an invalid character, LEO will reject the LSR and the CLEC will receive a Fatal Reject.

Auto-Clarification: errors that occur due to invalid data within the LSR. LESOG will perform data validity checks to ensure the data within the LSR is correct and valid. For example, if the address on the LSR is not valid according to RSAG, the CLEC will receive an Auto-Clarification.

Manual Fallout: errors that occur by design. Certain LSRs are designed to fallout of the Mechanized Order Process due to their complexity. These LSRs are manually processed by the LCSC. When a CLEC submits an LSR, LESOG will determine if the LSR should be forwarded to LCSC for manual handling. Following are the categories for Manual Fallout.

Complex services*
Expedites (requested by the CLEC)
Special pricing plans
Denials-restore and conversion, or disconnect and conversion orders
Partial migrations
Class of service invalid in certain states with some types of service
New telephone number not yet posted to BOCRIS
Low volume such as activity type "T" (move)
Pending order review required
More than 25 business lines
Restore or suspend for UNE combos
Transfer of calls option for the CLEC's end users
CSR inaccuracies such as invalid or missing CSR data in CRIS

* Attached is a list of services, including complex services, and whether LSRs issued for the services are eligible to flow through.

Total System Fallout: Errors that require manual review by the LCSC to determine if the error is caused by the CLEC, or is due to system functionality. If it is determined the error is caused by the CLEC, the LSR will be sent back to the CLEC as clarification. If it is determined the error is BST caused, the LCSC representative will correct the error.

ORDERING – (Percent Flow Through Service Requests (Summary) – Continued)

Calculation:
Percent Flow Through Service Requests = Σ[(Total number of valid service requests that flow-through to SOCS)] / (Total number of valid service requests delivered to SOCS) X 100 Description: Percent Flow Through = (The total number of LSRs that flow through LESOG to the SOCS) / (the number of LSRs passed from LEO to LESOG) – Σ[(the number of LSRs that fall out for manual processing) + (the number of LSRs that are returned to the CLEC for clarification) + (the number of LSRs that contain errors made by CLECs)] X 100.

Report Structure:
• CLEC Aggregate   ➤ Region

Level of Disaggregation:

• Geography
    ➤ Region
• Product (Under Development)
    ➤ Residence
    ➤ Business
    ➤ UNE
    ➤ Special

DATA RETAINED RELATING TO CLEC EXPERIENCE	DATA RETAINED RELATING TO BST EXPERIENCE

Report month
• Total number of LSRs received, by interface, by CLEC:
    ➤ TAG
    ➤ EDI
    ➤ LENS
• Total number of errors by type, by CLEC:
    ➤ Fatal rejects
    ➤ Total fallout for manual processing
    ➤ Auto clarification
    ➤ CLEC caused system fallout
• Total number of errors by error code
	Report month
	• Total number of errors by type:
	    ➤ BST system error

Retail Analog/Benchmark:
CLEC Flow Through/benchmark comparison (Under Development)

ORDERING

Report/Measurement:
Percent Flow Through Service Requests (Detail)
Definition:
A detailed list by CLEC of the percentage of Local Service Requests (LSR) submitted electronically via the CLEC mechanized ordering process that flow through to SOCS without manual or human intervention.
Exclusions:
• Fatal Rejects • Auto Clarification • Manual Fallout • CLEC System Fallout • Supplements (subsequent versions) to cancel LSRs that are not LESOG eligible (Under   development)
Business Rules:
The CLEC mechanized ordering process includes all LSRs, including supplements (subsequent versions) which are submitted through one of the three gateway interfaces (TAG, EDI, and LENS), and flow through to SOCS without manual intervention. These LSRs can be divided into two classes of service; Business and Residence, and two types of service; Resale and Unbundled Network Elements (UNE) and specials. The CLEC mechanized ordering process does not include LSRs, which are, submitted manually (e.g., fax, and courier), or are not designed to flow through, i.e., Manual Fallout. **Definitions:** **Fatal Rejects:** Errors that prevent an LSR, submitted by the CLEC, from being processed further. When an LSR is submitted by a CLEC, LEO will perform edit checks to ensure the data received is correctly formatted and complete. For example, if the PON field contains an invalid character, LEO will reject the LSR and the CLEC will receive a Fatal Reject. **Auto-Clarification:** errors that occur due to invalid data within the LSR. LESOG will perform data validity checks to ensure the data within the LSR is correct and valid. For example, if the address on the LSR is not valid according to RSAG, the CLEC will receive an Auto-Clarification. **Manual Fallout:** errors that occur by design. Certain LSRs are designed to fallout of the Mechanized Order Process due to their complexity. These LSRs are manually processed by the LCSC. When a CLEC submits an LSR, LESOG will determine if the LSR should be forwarded to LCSC for manual handling. Following are the categories for Manual Fallout: 1. Complex services* 2. Expedites (requested by the CLEC) 3. Special pricing plans 4. Denials-restore and conversion, or disconnect and conversion orders 5. Partial migrations 6. Class of service invalid in certain states with some types of service 7. New telephone number not yet posted to BOCRIS 8. Low volume such as activity type "T" (move) 9. Pending order review required 10. More than 25 business lines 11. Restore or suspend for UNE combos 12. Transfer of calls option for the CLEC's end users 13. CSR inaccuracies such as invalid or missing CSR data in CRIS *Attached is a list of services, including complex services, and whether LSRs issued for the services are eligible to flow through. **Total System Fallout:** Errors that require manual review by the LCSC to determine if the error is caused by the CLEC, or is due to system functionality. If it is determined the error is caused by the CLEC, the LSR will be sent back to the CLEC as clarification. If it is determined the error is BST caused, the LCSC representative will correct the error.

ORDERING – (Percent Flow Through Service Requests (Detail) – Continued)

Calculation:
Percent Flow Through Service Requests = (Total number of valid service requests that flow-through to SOCS) / (Total number of valid service requests delivered to SOCS) X 100   **Description:** Percent Flow Through = The total number of LSRs that flow through LESOG to SOCS / (the number of LSRs passed from LEO to LESOG) – Σ[(the number of LSRs that fall out for manual processing + the number of LSRs that are returned to the CLEC for clarification + the number of LSRs that contain errors made by CLECs)] X 100.

Report Structure:

• Provides the flow through percentage for each CLEC (by alias designation) submitting LSRs through the CLEC mechanized ordering process. The report provides the following:
   ➢ CLEC (by alias designation)
   ➢ Number of fatal rejects
   ➢ Mechanized interface used
   ➢ Total mechanized LSRs
   ➢ Total manual fallout
   ➢ Number of auto clarifications returned to CLEC
   ➢ Number of validated LSRs
   ➢ Number of BST caused fallout
   ➢ Number of CLEC caused fallout
   ➢ Number of Service Orders Issued
   ➢ Base calculation
   ➢ CLEC error excluded calculation

Level of Disaggregation:

• CLEC Specific (by alias designation to protect CLEC specific proprietary data)
 • Geographic:
   ➢ Region
 • Product (Under development)
   ➢ Residence
   ➢ Business
   ➢ UNE
   ➢ Special

DATA RETAINED RELATING TO CLEC EXPERIENCE	DATA RETAINED RELATING TO BST EXPERIENCE

REPORT MONTH
 • Total number of LSRs received, by interface, by CLEC
   ➢ TAG
   ➢ EDI
   ➢ LENS
 • Total number of errors by type, by CLEC
   ➢ Fatal rejects
   ➢ Total fallout for manual processing
   ➢ Auto clarification
   ➢ CLEC errors
 • Total number of errors by error code
	REPORT MONTH
	 • Total number of errors by type:
	   ➢ BST system error

Retail Analog/Benchmark:
CLEC Flow Through/benchmark comparison (Under development)

ORDERING

Report/Measurement:
Flow Through Error Analysis
Definition:
An analysis of each error type (by error code) that was experienced by the LSRs that did not flow through to SOCS.
Exclusions:
Each Error Analysis is error code specific; therefore exclusions are not applicable.
Business Rules:
The CLEC mechanized ordering process includes all LSRs, including supplements (subsequent versions) which are submitted through one of the three gateway interfaces (TAG, EDI, and LENS), and flow through to provisioning SOCS without manual intervention. These LSRs can be divided into two classes of service; Business and Residence, and two types of service; Resale and Unbundled Network Elements (UNE). This measurement captures the total number of errors by type. The CLEC mechanized ordering process does not include LSRs, which are, submitted manually (e.g., fax, and courier).
Calculation:
Σ Of errors by type.
Report Structure:
• Provides an analysis of each error type (by error code). The report is in descending order by count of each error code and provides the following: ➤ Error Type (by error code)   ➤ Count of each error type   ➤ Percent of each error type   ➤ Cumulative percent   ➤ Error Description   ➤ CLEC Caused Count of each error code   ➤ Percent of aggregate by CLEC caused count   ➤ Percent of CLEC by CLEC caused count   ➤ BST Caused Count of each error code   ➤ Percent of aggregate by BST caused count   ➤ Percent of BST by BST caused count
Level of Disaggregation:
Region

DATA RETAINED RELATING TO CLEC EXPERIENCE	DATA RETAINED RELATING TO BST EXPERIENCE
REPORT MONTH • Total number of LSRs received • Total number of errors by type (by error code) ➤ CLEC caused error	REPORT MONTH • Total number of errors by type (by error code) ➤ BST system error

Retail Analog/Benchmark:
Not Applicable

Attachment
BellSouth Flow-through Analysis
For CLECs LSRs placed via EDI or TAG

	BellSouth Service Offered to CLEC via resale or UNE	Flow-through if no BST or CLEC Errors (Yes/No)	Complex Service (Yes/No)	Complex Order (Yes/No)	Design Service (Yes/No)	Can ordering this service cause fall out for a reason other than errors or complex? If so, what reason?
1	Flat Rate/Residence	Yes	No	No	no	
2	Flat Rate/Business	Yes	No	No	no	
3	Pay Phone Provider	No	No	No	no	
4	Measured Rate/Res.	Yes	No	No	no	
5	Measured Rate/Bus.	Yes	No	No	no	
6	Area Plus	Yes	No	No	no	
7	Package/Complete Choice and area plus	Yes	No	No	no	
8	Optional Calling Plan	Yes	No	No	no	
9	Ga. Community Calling	Yes	No	No	no	
10	Call Waiting Deluxe	Yes	No	No	no	
11	Call Waiting	Yes	No	No	no	
12	Caller ID	Yes	No	No	no	
13	Speed Calling	Yes	No	No	no	
14	3 Way Calling	Yes	No	No	no	
15	Call Forwarding-Variable	Yes	No	No	no	
16	Remote Access to CF	Yes	No	No	no	
17	Enhanced Caller ID	Yes	No	No	no	
18	Memory Call	Yes	No	No	no	
19	Memory Call Ans. Svc.	Yes	No	No	no	
20	MTS	Yes	No	No	no	
21	RCF	Yes	No	No	no	
22	Ringmaster	Yes	No	No	no	
23	Call Tracing	Yes	No	No	no	
24	Call Block	Yes	No	No	no	
25	Repeat Dialing	Yes	No	No	no	
26	Call Selector	Yes	No	No	no	
27	Call Return	Yes	No	No	no	
28	Preferred Call Forward	Yes	No	No	no	
29	Touchtone	Yes	No	No	no	
30	Visual Director	Yes	No	No	no	
31	INP (all types?)	Yes	UNE	No	no	
32	Unbundled Loop-Analog 2W, SL1, SL2	Yes	UNE	No	Yes-designed, no-non-designed	
33	2 wire analog port	Yes	UNE	No	no	
34	Local Number Portability (always?)	Yes	UNE	No	no	
35	Accupulse	No	Yes	Yes	yes	See note at bottom of matrix.
36	Basic Rate ISDN	No	Yes	Yes	yes	LSR electronically submitted; no flow through

	BellSouth Service Offered to CLEC via resale or UNE	Flow-through if no BST or CLEC Errors (Yes/No)	Complex Service (Yes/No)	Complex Order (Yes/No)	Design Service (Yes/No)	Can ordering this service cause fall out for a reason other than errors or complex? If so, what reason?
37	DID	No*	Yes	Yes	Yes	* yes with OSS'99
38	Frame Relay	No	Yes	Yes	yes	
39	Megalink	No	Yes	Yes	yes	
40	Megalink-T1	No	Yes	Yes	yes	
41	Native Mode LAN Interconnection (NMLI)	No	Yes	Yes	yes	
42	Pathlink Primary Rate ISDN	No	Yes	Yes	yes	
43	Synchronet	No	Yes	Yes	yes	LSR electronically submitted; no flow through
44	PBX Trunks	No	Yes	Yes	Yes	LSR electronically submitted; no flow through
45	LightGate	No	Yes	Yes	yes	
46	Smartpath	No	Yes	Yes	yes	
47	Hunting	No	Yes	no	no	LSR electronically submitted; no flow through
48	CENTREX	No	Yes	Yes	no	
49	FLEXSERV	No	Yes	Yes	yes	
50	Multiserv	No	Yes	Yes	yes	
51	Off-Prem Stations	No	Yes	Yes	yes	
52	SmartRING	No	Yes	Yes	yes	
53	FX	No	Yes	Yes	yes	
54	Tie Lines	No	Yes	Yes	Yes	
55	WATS	No	Yes	Yes	yes	
56	4 wire analog voice grade loop	No	UNE	Yes	yes-designed, no-non-designed	
57	4 wire DS1 & PRI digital loop	No	UNE	Yes	yes	
58	2 wire ISDN digital loop	No	UNE	Yes	yes	
59	4 wire DS1 & PRI digital loop	No	UNE	Yes	yes	
60	ADSL	No*	UNE	Yes	yes	* yes as of OSS'99?
61	HDSL	No	UNE	Yes	yes	
62	2 wire analog DID trunk port	No	UNE	Yes	Yes	
63	2 wire ISDN digital line side port	No	UNE	Yes	yes	
64	4 wire ISDN DSI digital trunk ports	No	UNE	Yes	yes	
65	UNE Combinations	y-loop+port	UNE	Yes	yes	
66	Directory Listings (simple)	No*	UNE	Yes	no	* yes as of OSS'99

	BellSouth Service Offered to CLEC via resale or UNE	Flow-through if no BST or CLEC Errors (Yes/No)	Complex Service (Yes/No)	Complex Order (Yes/No)	Design Service (Yes/No)	Can ordering this service cause fall out for a reason other than errors or complex? If so, what reason?
67	Directory Listings (complex)	No*	UNE	yes	no	* yes as of OSS'99, captions and indentions
68	ESSX	No	Yes	Yes	no	

Note for last column: For all services that indicate 'No' for flow-through, the following reasons, in addition to errors or complex services, also prompt manual handling: Expedites from CLECs, special pricing plans, for denials – restore and conversion or disconnect and conversion both required, partial migrations (although conversions-as-is flow through), class of service invalid in certain states with some TOS – e.g. gov't, or cannot be changed when changing main TN on C activity, low volume – e.g. activity type T=move, pending order review required, more than 25 business lines, restore or suspend for UNE combos, transfer of calls option for CLEC end user – fixed with release 6.0, new TN not yet posted to BOCRIS. All but the last one are unique to the CLEC environment.

ORDERING

Report/Measurement:
Percent Rejected Service Requests
Definition:
Percent Rejected Service Request is the percent of total Local Service Requests (LSRs) received which are rejected due to error or omission. An LSR is considered valid when it is electronically submitted by the CLEC and passes LEO edit checks to insure the data received is correctly formatted and complete.
Exclusions:
Service Requests canceled by the CLEC prior to being rejected/clarified.
Business Rules:
Fully Mechanized: An LSR is considered "rejected" when it is submitted electronically but does not pass LEO edit checks in the ordering systems (EDI, TAG, LEO, LESOG) and is returned to the CLEC. There are two types of "Rejects" in the Mechanized category: • A Fatal Reject occurs when a CLEC attempts to electronically submit an LSR but required fields are not populated correctly and the request is returned to the CLEC before it is considered an LSR. • An Auto Clarification is a valid LSR, which is electronically submitted but rejected from LESOG because it does not pass further edit checks for order accuracy. **Partially Mechanized:** A valid LSR, which is electronically submitted (via EDI or TAG), but cannot be processed electronically and "falls out" for manual handling. It is then put into "clarification" and (rejected) sent back to the CLEC. **Total Mechnized:** Combination of Fully Mechnized and Partially Mechanized LSRs. **Non Mechanized:** An LSR which is faxed or mailed to the LCSC for processing and is "clarified" (rejected) back to the CLEC by the BST service representative. LNP: Under Development
Calculation
Percent Rejected Service Requests = (Total Number of Rejected Service Requests) / (Total Number of Service Requests Received) X 100 during the month.
Report Structure:
• Fully Mechanized, Partially Mechanized, Total Mechanized, Non-Mechanized • State and Region • CLEC Specific • CLEC Aggregate
Level of Disaggregation:
• Resale Residence • Resale Business • Resale Specials • UNE • UNE Loop with NP • Other • Trunks

DATA RETAINED RELATING TO CLEC EXPERIENCE:	DATA RETAINED RELATING TO BST PERFORMANCE:
• Report Month • Total number of LSRs • Total number of Rejects • Total Number of Errors • State and Region	• Report Month • Total number of LSRs • Total number of Errors • Adjusted Error Volume • State and Region
RETAIL ANALOG/BENCHMARK:	
BENCHMARK IS UNDER DEVELOPMENT. RETAIL ANALOG ALSO UNDER DEVELOPMENT.	

ORDERING

Report/Measurement:
Reject Interval
Definition:
Reject Interval is the average reject time from receipt of an LSR to the distribution of a Reject. An LSR is considered valid when it is electronically submitted by the CLEC and passes LEO edit checks to insure the data received is correctly formatted and complete.
Exclusions:
Service Requests canceled by CLEC prior to being rejected/clarified
Business Rules:
• **Fully Mechanized:** The elapsed time from receipt of a valid LSR (date and time stamp in EDI, TAG) until the LSR is rejected (date and time stamp of reject in LEO). Fatal Rejects and Auto Clarifications are considered in the Fully Mechanized category.   • **Partially Mechanized:** The elapsed time from receipt of a valid LSR (date and time stamp in EDI, TAG) until it falls out for manual handling. The stop time on partially mechanized LSRs is when the LCSC Service Representative clarifies the LSR back to the CLEC via LEO.   • **Total Mechanized** Combination of Fully Mechanized and Partially Mechanized LSRs.   • **Non-Mechanized:** The elapsed time from receipt of a valid LSR (date and time stamp from FAX stamp) until notice of the reject is returned to the CLEC via LON.   • **LNP:** Under development.
Calculation:
Reject Interval = Σ[(Date and Time of Service Request Rejection) – (Date and Time of Service Request Receipt)] / (Number of Service Requests Rejected in Reporting Period)
Report Structure:
• CLEC Specific   • CLEC Aggregate   • Fully Mechanized, Partially Mechanized, Total Mechanized, Non-Mechanized, Trunks
Level of Disaggregation:

• Product Reporting Levels
     ➤ Interconnection Trunks
     ➤ Resale – Residence
     ➤ Resale – Business
     ➤ Resale – Design
     ➤ UNE Design
     ➤ UNE Non- Design
     ➤ UNE Loop with and w/o NP
 • Geographic Scope
     ➤ State, Region and further geographic disaggregation as required by State Commission Order
 • Mechanized: 0-4 minutes, 4-8 minutes, 8-12 minutes, 12-60 minutes, 0-1 hour 1-8 hours, 8-24 hours, >24 hours.
 • Non-mechanized: 0-1 hour, 1-4 hours, 4-8 hours, 8-12 hours, 12-16 hours, 16-20 hours, 20-24 hours >24 hours
 • Average Interval in Days.
 • Trunks

DATA RETAINED RELATING TO CLEC EXPERIENCE:	DATA RETAINED RELATING TO BST PERFORMANCE:
• Report Month • Reject Interval • Total Number of LSRs • Total number of Errors • State and Region	• Report Month • Reject Interval • Total number of LSRs • Total number of Errors • State and Region

Retail Analog/Benchmark:
Benchmark is under development. Retail Analog also under development.

ORDERING

Report/Measurement:
Firm Order Confirmation Timeliness
Definition:
Interval for Return of a Firm Order Confirmation (FOC Interval) is the average response time from receipt of valid LSR to distribution of a firm order confirmation.
Exclusions:
• Rejected LSRs • Partially Mechanized or Non-Mechanized LSRs received and/or FOCd outside of normal business hours.
Business Rules:
• **Mechanized** - The elapsed time from receipt of a valid electronically submitted LSR (date and time stamp in LENS, EDI, TAG) until the LSR is processed and appropriate service orders are generated in SOCS. • **Partially Mechanized** – The elapsed time from receipt of a valid electronically submitted LSR which falls out for manual handling by the LCSC personnel until appropriate service orders are issued by a BST service representative via Direct Order Entry (DOE) or Service Order Negotiation Generation System (SONGS) to SOCS. • **Total Mechanized** - Combination of Fully Mechanized and Partially Mechanized LSRs • **Non-Mechanized** - The elapsed time from receipt of a valid LSR (fax receive date and time stamp) until appropriate service orders are issued by BST service representative via Direct Order Entry (DOE) or Service Order Negotiation Generation System (SONGS) to SOCS. • **LNP** – Under development.
Calculation:
Firm Order Confirmation Timeliness = Σ[(Date and Time of Firm Order Confirmation) – (Date and Time of Service Request Receipt)] / (Number of Service Requests Confirmed in Reporting Period)
Report Structure:
• Fully Mechanized, Partially Mechanized, Total Mechanized, Non-Mechanized • CLEC Specific • CLEC Aggregate
Level of Disaggregation:

• Product Reporting Levels
   ➤ Interconnection Trunks
   ➤ Resale – Residence
   ➤ Resale – Business
   ➤ Resale – Design
   ➤ UNE Design
   ➤ UNE Non- Design
   ➤ UNE Loop with and w/o NP
   ➤ Trunks
• Geographic Scope
   ➤ State, Region and further geographic disaggregation (MSA) as required by State Commission Order
• Mechanized: 0-15 minutes, 15-30 minutes, 30-45 minutes, 45-60 minutes, 60-90 minutes, 90-120 minutes, 120-240 minutes, 4-8 hours, 8-12 hours, 12-16 hours 16-20 hours, 20-24 hours, 24-48 hours, > 48 hours.
• Non-mechanized: 0-4 hours, 4-8 hours, 8-12 hours, 12-16 hours, 16-20 hours, 20-24 hours, 24-48 hours, > 48 hours.
• Trunks: 0-5 days, 6-8 days, 9-11 days, 12-14 days, 15-17 days, 18-20 days, > 20 days
• < 10 and > 10 Circuits/Lines
• Average Interval in Days.

DATA RETAINED RELATING TO CLEC EXPERIENCE:	DATA RETAINED RELATING TO BST PERFORMANCE:
• Report Month • Interval for FOC • Total number of LSRs • State and Region	• Report Month • Interval for FOC • Total Number of LSRs • State and Region
Retail Analog/Benchmark:	

Benchmark is under development. Retail Analog also under development.

ORDERING

Report/Measurement:
Speed of Answer in Ordering Center
Definition:
Measures the average time a customer is in queue.
Exclusions:
None
Business Rules:
The clock starts when the appropriate option is selected (i.e. 1 for Resale Consumer, 2 for Resale Multiline, and 3 for UNE-LNP, etc.) and the call enters the queue for that particular group in the LCSC. The clock stops when a BST service representative in the LCSC answers the call. The speed of answer is determined by measuring and accumulating the elapsed time from the entry of a CLEC call into the BellSouth automatic call distributor (ACD) until the a service representative in BSTs Local Carrier Service Center (LCSC) answers the CLEC call.
Calculation:
(Total time in seconds to reach the LCSC) / (Total Number of Calls) in the Reporting Period.
Report Structure:
• CLEC Aggregate • BST Aggregate (Combination of Residence Service Center and Business Service Center data under development.)
Level of Disaggregation:
• CLEC Aggregate • BST Aggregate (Combination of Residence Service Center and Business Service Center data under development.)

DATA RETAINED RELATING TO CLEC EXPERIENCE:	DATA RETAINED RELATING TO BST PERFORMANCE:
• Mechanized tracking through LCSC Automatic Call Distributor	• Mechanized tracking through BST Retail center support systems

Retail Analog/Benchmark:
For CLEC, Speed of Answer in Ordering Center (LCSC) is comparable to Speed of Answer in BST Business Offices.

PROVISIONING

Report/Measurement:
Mean Held Order Interval & Distribution Intervals
Definition:
When delays occur in completing CLEC orders, the average period that CLEC orders are held for BST reasons, pending a delayed completion, should be no worse for the CLEC when compared to BST delayed orders.
Exclusions:
• Any order canceled by the CLEC will be excluded from this measurement.   • Order Activities of BST associated with internal or administrative use of local services.
Business Rules:
Mean Held Order Interval: This metric is computed at the close of each report period. The held order interval is established by first identifying all orders, at the close of the reporting interval, that both have not been reported as completed in SOCS and have passed the currently committed due date for the order. For each such order, the number of calendar days between the committed due date and the close of the reporting period is established and represents the held order interval for that particular order. The held order interval is accumulated by the standard groupings, unless otherwise noted, and the reason for the order being held. The total number of days accumulated in a category is then divided by the number of held orders within the same category to produce the mean held order interval.   CLEC Specific reporting is by type of held order (facilities, equipment, other), total number of orders held, and the total and average days.   **Held Order Distribution Interval:** This measure provides data to report total days held and identifies these in categories of >15 days and > 90 days. (orders counted in >90 days are also included in >15 days).
Calculation:
Mean Held Order Interval: Σ (Reporting Period Close Date – Committed Order Due Date) / (Number of Orders Pending and Past The Committed Due Date) for all orders pending and past the committed due date.   **Held Order Distribution Interval:**   (# of Orders Held for ≥ 90 days) / (Total # of Orders Pending But Not Completed) X 100   (# of Orders Held for ≥ 15 days) / (Total # of Orders Pending But Not Completed) X 100
Report Structure:
• CLEC Specific   • CLEC Aggregate   • BST Aggregate
Level of Disaggregation:

• Product Reporting Levels
   ➤ POTS – Residence
   ➤ POTS – Business
   ➤ DESIGN
   ➤ PBX
   ➤ CENTREX
   ➤ ISDN
   ➤ UNE 2 Wire Loop with NP (Design and Non-Design)
   ➤ UNE 2 Wire Loop without NP (Design and Non-Design)
   ➤ UNE Loop Other with NP (Design and Non-Design)
   ➤ UNE Loop Other without NP (Design and Non-Design)
   ➤ UNE Other (Design and Non-Design)
   ➤ Switching (Under development)
   ➤ Local Transport (Under development)
   ➤ Combos (Under development)
   ➤ NP (Under development as separate category)
   ➤ Local Interconnection Trunks
 • Geographic Scope
   ➤ State, Region, and further geographic disaggregation (MSA) as required by State Commission Order

PROVISIONING – (Mean Held Order Interval & Distribution Intervals – Continued)

DATA RETAINED RELATING TO CLEC EXPERIENCE	DATA RETAINED RELATING TO BST EXPERIENCE
• Report Month • CLEC Order Number and PON (PON) • Order Submission Date (TICKET_ID) • Committed Due Date (DD) • Service Type(CLASS_SVC_DESC) • Hold Reason • Total line/circuit count (under development) • Geographic Scope NOTE: Code in parentheses is the corresponding header found in the raw data file.	• Report Month • BST Order Number • Order Submission Date • Committed Due Date • Service Type • Hold Reason • Geographic Scope
Retail Analog/Benchmark:	
CLEC Residence Resale / BST Residence Retail CLEC Business Resale / BST Business Retail CLEC Design / BST Design CLEC PBX, CENTREX, ISDN/ BST PBX, CENTREX, ISDN Interconnection Trunks-CLEC / Interconnection Trunks –BST UNEs-Retail Analog (under development at this time)	

PROVISIONING

Report/Measurement:
Average Jeopardy Notice Interval & Percentage of Orders Given Jeopardy Notice
Definition:
When BST can determine in advance that a committed due date is in jeopardy, it will provide advance notice to the CLEC.
Exclusions:
• Any order canceled by the CLEC will be excluded from this measurement • Orders held for CLEC end user reasons • Orders submitted to BST through non-mechanized methods
Business Rules:
When BST can determine in advance that a committed due date is in jeopardy it will provide advance notice to the CLEC. The number of committed orders in a report period is the number of orders that have a due date in the reporting period.
Calculation:
Average Jeopardy Interval $= \Sigma$ [(Date and Time of Scheduled Due Date on Service Order) - (Date and Time of Jeopardy Notice)]/[Number of Orders Notified of Jeopardy in Reporting Period). Percent of Orders Given Jeopardy Notice $= \Sigma$ [(Number of Orders Given Jeopardy Notices in Reporting Period) / (Number of Orders Confirmed (due) in Reporting Period)
Report Structure:
• CLEC Specific and CLEC Aggregate • BST Aggregate (under development with estimated release date of 8/15/99 for June reporting)
Level of Disaggregation:

• Product Reporting Levels
  ➤ POTS – Residence
  ➤ POTS – Business
  ➤ DESIGN
  ➤ PBX
  ➤ CENTREX
  ➤ ISDN
  ➤ UNE 2 Wire Loop with NP (Design and Non-Design)
  ➤ UNE 2 Wire Loop without NP (Design and Non-Design)
  ➤ UNE Loop Other with NP (Design and Non-Design)
  ➤ UNE Loop Other without NP (Design and Non-Design)
  ➤ UNE Other (Design and Non-Design)
  ➤ Switching (Under development)
  ➤ Local Transport (Under development)
  ➤ Combos (Under development)
  ➤ NP (Under development as separate category)
  ➤ Local Interconnection Trunks
  ➤ Geographic Scope
  ➤ State, Region, and further geographic disaggregation (MSA) as required by State Commission Order

DATA RETAINED RELATING TO CLEC EXPERIENCE	DATA RETAINED RELATING TO BST EXPERIENCE
• Report Month • CLEC Order Number and PON • Date and Time Jeopardy Notice sent • Committed Due Date • Service Type NOTE: Code in parentheses is the corresponding header found in the raw data file.	• Report Month • CLEC Order Number and PON • Date and Time Jeopardy Notice sent • Committed Due Date • Service Type NOTE: Code in parentheses is the corresponding header found in the raw data file.

Retail Analog/Benchmark:
Retail Analog

PROVISIONING

Report/Measurement:
Percent Missed Installation Appointments
Definition:
"Percent missed installation appointments" monitors the reliability of BST commitments with respect to committed due dates to assure that CLECs can reliably quote expected due dates to their retail customer as compared to BST.
Exclusions:
• Canceled Service Orders • Order Activities of BST or the CLEC associated with internal or administrative use of local services (Record Orders, Test Orders, etc.) • Disconnect (D) & From (F) orders
Business Rules:
Percent Missed Installation Appointments (MA) is the percentage of total orders processed for which BST is unable to complete the service orders on the committed due dates. Missed Appointments caused by end-user reasons will be included and reported separately. A business day is any time period within the same date frame, which means there cannot be a cutoff time for commitments as certain types of orders are, requested to be worked after standard business hours. Also, during Daylight Savings Time, field technicians are scheduled until 9PM in some areas and the customer is offered a greater range of intervals from which to select.
Calculation:
Percent Missed Installation Appointments = Σ (Number of Orders Not Complete by Committed Due Date in Reporting Period) / (Number of Orders Completed in Reporting Period) X 100
Report Structure:
• CLEC Specific • CLEC Aggregate • BST Aggregate **Report explanation:** The difference between End User MA and Total MA is the result of BST caused misses. Here, Total MA is the total % of orders missed either by BST or CLEC end user and End User MA represents the percentage of orders missed by the end user.
Level of Disaggregation:

• Reported in categories of <10 line/circuits; > 10 line/circuits
• Dispatch / No Dispatch
• Product Reporting Levels
  ➤ POTS – Residence
  ➤ POTS – Business
  ➤ DESIGN
  ➤ PBX
  ➤ CENTREX
  ➤ ISDN
  ➤ UNE 2 Wire Loop with NP (Design and Non-Design)
  ➤ UNE 2 Wire Loop without NP (Design and Non-Design)
  ➤ UNE Loop Other with NP (Design and Non-Design)
  ➤ UNE Loop Other without NP (Design and Non-Design)
  ➤ UNE Other (Design and Non-Design)
  ➤ Switching (Under development)
  ➤ Local Transport (Under development)
  ➤ Combos (Under development)
  ➤ NP (Under development as separate category)
  ➤ Local Interconnection Trunks
  ➤ Geographic Scope
  ➤ State, Region, and further geographic disaggregation (MSA) as required by State Commission Order

PROVISIONING (Percent Missed Installation Appointments – Continued)

DATA RETAINED RELATING TO CLEC EXPERIENCE	DATA RETAINED RELATING TO BST EXPERIENCE
• Report Month • CLEC Order Number and PON (PON) • Committed Due Date (DD) • Completion Date (CMPLTN DD) • Status Type • Status Notice Date • Standard Order Activity • Geographic Scope NOTE: Code in parentheses is the corresponding header found in the raw data file.	• Report Month • BST Order Number • Committed Due Date • Completion Date • Status Type • Status Notice Date • Standard Order Activity • Geographic Scope
Retail Analog/Benchmark:	
CLEC Residence Resale / BST Residence Retail CLEC Business Resale / BST Business Retail CLEC Design / BST Design CLEC PBX, CENTREX, ISDN/ BST PBX, CENTREX, ISDN Interconnection Trunks-CLEC / Interconnection Trunks –BST UNEs-Retail Analog (under development at this time)	

PROVISIONING

Report/Measurement :
Average Completion Interval (OCI) & Order Completion Interval Distribution

Definition:
The "average completion interval" measure monitors the interval of time it takes BST to provide service for the CLEC or its' own customers. The "Order Completion Interval Distribution" provides the percentage of orders completed within certain time periods.

Exclusions:
• Canceled Service Orders • Order Activities of BST or the CLEC associated with internal or administrative use of local services • (Record Orders, Test Orders, etc.) • D (Disconnect) and F (From) orders. (From is disconnect side of a move order when the customer moves to a new address). • "L" Appointment coded orders (where the customer has requested a later than offered interval)

Business Rules:
The actual completion interval is determined for each order processed during the reporting period. The Completion interval is the elapsed time from when the order is electronically entere into SOCS after the FOC on a CLEC order, or the date time stamp receipt into SOCS by BST on retail orders to the order completion date. The clock starts when a valid order number is assigned by SOCS and stops when the technician or system completes the order in SOCS. Elapsed time for each order is accumulated for each reporting dimension. The accumulated time for each reporting dimension is then divided by the associated total number of orders completed

Calculation :

Average Completion Interval:
Σ [(Completion Date & Time) - (Order Issue Date & Time)] / Σ (Count of Orders Completed in Reporting Period) **Order Completion Interval Distribution:** Σ (Service Orders Completed in "X" days) / (Total Service Orders Completed in Reporting Period) X 100

Report Structure:
• CLEC Specific • CLEC Aggregate • BST Aggregate

Level of Disaggregation:

• Dispatch/No Dispatch categories applicable to all levels except trunks.
• Residence & Business reported in day intervals = 0,1,2,3,4, 5, 5+
• UNE and Design reported in day intervals = 0-5, 5-10, 10-15, 15-20, 20-25, 25-30, 30+
• All Levels are reported <10 line/circuits; >10 line/circuits
• Product Reporting Levels
  ➢ POTS – Residence
  ➢ POTS – Business
  ➢ DESIGN
  ➢ PBX
  ➢ CENTREX
  ➢ ISDN
  ➢ UNE 2 Wire Loop with NP (Design and Non-Design)
  ➢ UNE 2 Wire Loop without NP (Design and Non-Design)
  ➢ UNE Loop Other with NP (Design and Non-Design)
  ➢ UNE Loop Other without NP (Design and Non-Design)
  ➢ UNE Other (Design and Non-Design)
  ➢ Switching (Under development)
  ➢ Local Transport (Under development)
  ➢ Combos (Under development)
  ➢ NP (Under development as separate category)
  ➢ Local Interconnection Trunks
 ➢ Geographic Scope
  ➢ State, Region, and further geographic disaggregation (MSA) as required by State Commission Order

PROVISIONING –
(Average Completion Interval (OCI) & Order Completion Interval Distribution - Continued)

DATA RETAINED RELATING TO CLEC EXPERIENCE	DATA RETAINED RELATING TO BST EXPERIENCE
• Report Month • CLEC Company Name • Order Number (PON) • Submission Date & Time (TICKET_ID) • Completion Date (CMPLTN_DT) • Service Type (CLASS_SVC_DESC) • Geographic Scope NOTE: Code in parentheses is the corresponding header found in the raw data file.	• Report Month • CLEC Order Number • Order Submission Date & Time • Order Completion Date & Time • Service Type • Geographic Scope
RETAIL ANALOG/BENCHMARK	
CLEC Residence Resale / BST Residence Retail CLEC Business Resale / BST Business Retail CLEC Non-UNE Design / BST Design CLEC PBX, CENTREX, ISDN/ BST PBX, CENTREX, ISDN Interconnection Trunks-CLEC / Interconnection Trunks-BST UNEs-Retail Analog (under development at this time)	

PROVISIONING

Report/Measurement:
Average Completion Notice Interval

Definition:
The Completion Notice Interval is the elapsed time between the BST reported completion of work and the issuance of a valid completion notice to the CLEC.

Exclusions:
• Non-mechanized Orders • Cancelled Service Orders • Order Activities of BST associated with internal or administrative use of local services • D & F orders

Business Rules:
Measurement of interval of completion date and time by a field technician on dispatched orders, and 5PM on the due date for non-dispatched orders; to the release of a notice to the CLEC/BST of the completion status. The field technician notifies the CLEC by telephone the work was complete and then he enters the completion information and completion time in his computer. This information switches through to the SOCS systems either completing the order or rejecting the order to the Work Management Center (WMC). If the completion is rejected, it is manually corrected and then completed by the WMC. The notice is returned on each individual order submitted and as the notice is sent electronically, it can only be switched to those orders that were submitted by the CLEC electronically.

Calculation:
Σ (Date and Time of Notice of Completion) – (Date and Time of Work Completion) / (Number of Orders Completed in Reporting Period)

Report Structure:
• CLEC Specific • CLEC Aggregate • BST Aggregate (in development-expected release date 08/15/99 reporting)

Level of Disaggregation:

• Reporting intervals in Hours: 0-1, 1-2, 2-4, 4-8, 8-12, 12-24, > 24, plus Overall Average Hour Interval
• Reported in categories of <10 line/circuits; > 10 line/circuits
• Product Reporting Levels
  ➤ POTS – Residence
  ➤ POTS – Business
  ➤ DESIGN
  ➤ PBX
  ➤ CENTREX
  ➤ ISDN
  ➤ UNE 2 Wire Loop with NP (Design and Non-Design)
  ➤ UNE 2 Wire Loop without NP (Design and Non-Design)
  ➤ UNE Loop Other with NP (Design and Non-Design)
  ➤ UNE Loop Other without NP (Design and Non-Design)
  ➤ UNE Other (Design and Non-Design)
  ➤ Switching (Under development)
  ➤ Local Transport (Under development)
  ➤ Combos (Under development)
  ➤ NP (Under development as separate category)
  ➤ Local Interconnection Trunks
 ➤ Geographic Scope
  ➤ State, Region, and further geographic disaggregation (MSA) as required by State Commission Order

PROVISIONING – (Average Completion Notice Interval- Continued)

DATA RETAINED RELATING TO CLEC EXPERIENCE	DATA RETAINED RELATING TO BST EXPERIENCE
• Report Month • CLEC Order Number • Work Completion Date • Work Completion Time • Completion Notice Availability Date • Completion Notice Availability Time • Service Type • Activity Type • Geographic Scope NOTE: Code in parentheses is the corresponding header found in the raw data file.	• • Report Month • Service Order Number • Work Completion Date • Work Completion Time • Completion Notice Availability Date • Completion Notice Availability Time • Service Type • Activity Type • Geographic Scope NOTE: Code in parentheses is the corresponding header found in the raw data file.
Retail Analog/Benchmark:	
Retail Analog	

PROVISIONING

Report/Measurement:
Coordinated Customer Conversions
Definition:
This category measures the average time it takes BST to disconnect an unbundled loop from the BST switch and cross connect it to a CLEC's equipment. This measurement applies to service orders with and without NP, and where the CLEC has requested BST to provide a coordinated cutover.
Exclusions:
• Any order canceled by the CLEC will be excluded from this measurement.
• Delays due to CLEC following disconnection of the unbundled loop
• Unbundled Loops where there is no existing subscriber loop
Business Rules:
Where the service order includes NP, the interval includes the total time for the cutover including the translation time to place the line back in service on the ported line. The interval is calculated for the entire cutover time for the service order and then divided by items worked in that time to give the average per item interval for each service order.
Calculation:
Σ [(Completion Date and Time for Cross Connection of an Unbundled Loop)- (Disconnection Date and Time of an Unbundled Loop)] / Total Number of Unbundled Loop Items for the reporting period.
Report Structure:
• CLEC Specific
• CLEC Aggregate
•
Level of Disaggregation:
• Reported in intervals <=5 minutes; >5,<15 minutes; >15 minutes, plus Overall Average interval
• Product Reporting Levels
➤ UNE Loops without NP
➤ UNE Loops with NP
➤ Geographic Scope
➤ State, Region, and further geographic disaggregation as required by State Commission Order

DATA RETAINED RELATING TO CLEC EXPERIENCE	DATA RETAINED RELATING TO BST EXPERIENCE
• Report Month • CLEC Order Number • Committed Due Date (DD) • Service Type (CLASS_SVC_DESC) • Cutover Start Time • Cutover Completion time • Portability start and completion times (NP Orders) • Total Items NOTE: Code in parentheses is the corresponding header found in the raw data file.	• No BST Analog Exists

Retail Analog/Benchmark:
There is no retail analog for this measurement because it measures cutting loops to the CLEC. Benchmark under development.

PROVISIONING

Report/Measurement:
% Provisioning Troubles within 30 days of Service Order Activity
Definition:
Percent Provisioning Troubles within 30 days of Installation measures the quality and accuracy of installation activities.
Exclusions:
• Canceled Service Orders • Order Activities of BST or the CLEC associated with internal or administrative use of local services (R Orders, Test Orders, etc.) • D & F orders
Business Rules:
Measures the quality and accuracy of completed orders. The first trouble report from a service order after completion is counted in this measure. Subsequent trouble reports are measured in Repeat Report Rate. Reports are calculated searching in the prior report period for completed service orders and following 30 days after completion for a trouble report. D & F orders are excluded as there is no subsequent activity following a disconnect.
Calculation:
% Provisioning Troubles within 30 days of Service Order Activity = Σ (Trouble reports on all completed orders ≤ 30 days following service order(s) completion) / (All Service Orders completed in the calendar month) X 100
Report Structure:
• CLEC Specific • CLEC Aggregate • BST Aggregate
Level of Disaggregation:

• Reported in categories of <10 line/circuits; > 10 line/circuits
• Dispatch / No Dispatch
• Product Reporting Levels
  ➤ POTS – Residence
  ➤ POTS – Business
  ➤ DESIGN
  ➤ PBX
  ➤ CENTREX
  ➤ ISDN
  ➤ UNE 2 Wire Loop with NP (Design and Non-Design)
  ➤ UNE 2 Wire Loop without NP (Design and Non-Design)
  ➤ UNE Loop Other with NP (Design and Non-Design)
  ➤ UNE Loop Other without NP (Design and Non-Design)
  ➤ UNE Other (Design and Non-Design)
  ➤ Switching (Under development)
  ➤ Local Transport (Under development)
  ➤ Combos (Under development)
  ➤ NP (Under development as separate category)
  ➤ Local Interconnection Trunks
 ➤ Geographic Scope
  ➤ State, Region, and further geographic disaggregation (MSA) as required by State Commission Order

PROVISIONING – (% Provisioning Troubles within 30 days of Service Order Activity – Continued)

DATA RETAINED RELATING TO CLEC EXPERIENCE	DATA RETAINED RELATING TO BST EXPERIENCE
• Report Month • CLEC Order Number and PON • Order Submission Date(TICKET_ID) • Order Submission Time (TICKET_ID) • Status Type • Status Notice Date • Standard Order Activity • Geographic Scope NOTE: Code in parentheses is the corresponding header found in the raw data file.	• Report Month • BST Order Number • Order Submission Date • Order Submission Time • Status Type • Status Notice Date • Standard Order Activity • Geographic Scope
Retail Analog/Benchmark:	
CLEC Residence Resale / BST Residence Retail CLEC Business Resale / BST Business Retail CLEC Design / BST Design CLEC PBX, CENTREX, ISDN/ BST PBX, CENTREX, ISDN Interconnection Trunks-CLEC / Interconnection Trunks –BST UNEs-Retail Analog (Under Development at this time)	

PROVISIONING

Report/Measurement :
Total Service Order Cycle Time (TSOCT)   (under development 3Q99)

Definition:
This is a new measurement under development to measure the total service order cycle time from receipt of a valid service order request to the completion of the service order.

Exclusions:
• Canceled Service Orders • Order Activities of BST or the CLEC associated with internal or administrative use of local services • (Record Orders, Test Orders, etc.) • D (Disconnect) and F (From) orders. (From is disconnect side of a move order when the customer moves to a new address). • "L" Appointment coded orders (where the customer has requested a later than offered interval) • Orders with CLEC/Subscriber caused delays or CLEC/Subscriber requested due date changes.

Business Rules:
The interval is determined for each order processed during the reporting period. This measurement combines two reports: FOC (Firm Order Confirmation) with Average Order Completion Interval. This interval starts with the receipt of a valid service order request and stops when the technician or system completes the order in SOCS. Elapsed time for each order is accumulated for each reporting dimension. The accumulated time for each reporting dimension is then divided by the associated total number of orders completed

Calculation :
Total Service Order Cycle Time (under development)

Report Structure:
• CLEC Specific • CLEC Aggregate • BST Aggregate

Level of Disaggregation:

• ISDN Orders included in Non Design - GA Only
• Dispatch/No Dispatch categories applicable to all levels except trunks.
• Intervals under development
• Product Reporting Levels
   ➢ Interconnection Trunks
   ➢ POTS – Residence
   ➢ POTS – Business
   ➢ DESIGN
   ➢ PBX
   ➢ CENTREX
   ➢ ISDN
   ➢ UNE 2 Wire Loop with NP (Design and Non-Design)
   ➢ UNE 2 Wire Loop without NP (Design and Non-Design)
   ➢ UNE Loop Other with NP (Design and Non-Design)
   ➢ UNE Loop Other without NP (Design and Non-Design)
   ➢ UNE Other (Design and Non-Design)
   ➢ Switching (Under development)
   ➢ Local Transport (Under development)
   ➢ Combos (Under development)
   ➢ NP (Under development as separate category)
   ➢ Local Interconnection Trunks
  ➢ Geographic Scope
    ➢ State, Region and further geographic disaggregation as required by State Commission Order

PROVISIONING – (Total Service Order Cycle Time (TSOCT) – Continued

DATA RETAINED RELATING TO CLEC EXPERIENCE	DATA RETAINED RELATING TO BST EXPERIENCE
• Report Month • Interval for FOC • CLEC Company Name • Order Number (PON) • Submission Date & Time (TICKET_ID) • Completion Date (CMPLTN_DT) • Service Type (CLASS_SVC_DESC) • Geographic Scope NOTE: Code in parentheses is the corresponding header found in the raw data file.	• Report Month • CLEC Order Number • Order Submission Date & Time • Order Completion Date & Time • -Service Type • Geographic Scope
Retail Analog/Benchmark	
Under development (BST retail analog available at this time would be Average Completion Interval)	

MAINTENANCE & REPAIR

Report/Measurement:
Missed Repair Appointments
Definition:
The percent of trouble reports not cleared by the committed date and time.
Exclusions:
• Trouble tickets canceled at the CLEC request.
• BST trouble reports associated with internal or administrative service.
• Customer Provided Equipment (CPE) troubles or CLEC Equipment Trouble.
Business Rules:
The negotiated commitment date and time is established when the repair report is received. The cleared time is the date and time that BST personnel clear the trouble and closes the trouble report in his Computer Access Terminal (CAT) or workstation. If this is after the Commitment time, the report is flagged as a "Missed Commitment" or a missed repair appointment. When the data for this measure is collected for BST and a CLEC, it can be used to compare the percentage of the time repair appointments are missed due to BST reasons. Note: Appointment intervals vary with force availability in the POTS environment. Specials and Trunk intervals are standard interval appointments of no greater than 24 hours.
Calculation:
Percentage of Missed Repair Appointments =Σ (Count of Customer Troubles Not Cleared by the Quoted Commitment Date and Time) / Σ (Total Trouble reports closed in Reporting Period) X 100
Report Structure:
• CLEC Specific
• CLEC Aggregate
• BST Aggregate
Level of Disaggregation:
ISDN Troubles included in Non-Design – GA ONLY
• Product Reporting Levels
➤ POTS – Residence, Business
➤ Design
➤ PBX, CENTREX and ISDN
➤ UNE 2 Wire Loop (Design and Non – Design)
➤ UNE Loop Other (Design and Non Design)
➤ UNE Other (Design and Non – Design)
➤ Switching, Local Transport and Combos (under development)
➤ Local Interconnection Trunks
• Dispatch/No Dispatch categories applicable to all product levels
• Geographic Scope
➤ State, Region and further geographic disaggregation as required by State Commission Order (e.g. Metropolitan Service Area - MSA)

DATA RETAINED RELATING TO CLEC EXPERIENCE	DATA RETAINED RELATING TO BST EXPERIENCE
• Report Month	• Report Month
• CLEC Company Name	• BST Company Code
• Submission Date & Time (TICKET_ID)	• Submission Date & Time
• Completion Date (CMPLTN_DT)	• Completion Date
• Service Type (CLASS_SVC_DESC)	• Service Type
• Disposition and Cause (CAUSE_CD & CAUSE_DESC)	• Disposition and Cause (Non-Design / Non-Special Only)
• Geographic Scope	• Trouble Code (Design and Trunking Services)
	• Geographic Scope
NOTE: Code in parentheses is the corresponding header found in the raw data file.	

MAINTENANCE & REPAIR – (Missed Repair Appointments – Continued)

Retail Analog/Benchmark
CLEC Residence-Resale / BST Residence-Retail
CLEC Business-Resale / BST Business-Retail
CLEC Design-Resale / BST Design-Retail
CLEC PBX, Centrex, and ISDN Resale/ BST PBX, Centrex, and ISDN Retail
CLEC Trunking-Resale / BST Trunking-Retail
UNEs - Retail Analog (under development at this time.)

MAINTENANCE & REPAIR

Report/Measurement:
Customer Trouble Report Rate
Definition:
Initial and repeated customer direct or referred troubles reported within a calendar month per 100 lines/ circuits in service.
Exclusions:
• Trouble tickets canceled at the CLEC request. • BST trouble reports associated with administrative service. • Customer provided Equipment (CPE) troubles or CLEC equipment troubles.
Business Rules:
Customer Trouble Report Rate is computed by accumulating the number of maintenance initial and repeated trouble reports during the reporting period. The resulting number of trouble reports are divided by the total "number of service" lines, ports or combination of existing for the CLEC's and BST respectively at the end of the report month.
Calculation:
Customer Trouble Report Rate = (Count of Initial and Repeated Trouble Reports in the Current Period) / (Number of Service Access Lines in service at End of the Report Period) X 100
Report Structure:
• CLEC Specific • CLEC Aggregate • BST Aggregate.
Level of Disaggregation:

ISDN Troubles included in Non Design – GA Only
• Product Reporting Levels
   ➤ POTS Residence and Business
   ➤ Design
   ➤ PBX, CENTREX, and ISDN
   ➤ UNE 2 Wire Loop (Design and Non – Design)
   ➤ UNE Loop Other (Design and Non – Design)
   ➤ UNE Other (Design and Non – Design)
   ➤ Switching , Local Transport, and Combos (under development)
   ➤ Local Interconnection Trunks
• Dispatch/No Dispatch categories applicable to all product levels
• Geographic Scope
   ➤ State, Region and further geographic disaggregation as required by State Commission Order (e.g. Metropolitan Service Area - MSA)

DATA RETAINED RELATING TO CLEC EXPERIENCE	DATA RETAINED RELATING TO BST EXPERIENCE
• Report Month • CLEC Company Name • Ticket Submission Date & Time (TICKET_ID) • Ticket Completion Date (CMPLTN_DT) • Service Type (CLASS_SVC_DESC) • Disposition and Cause (CAUSE_CD & CAUSE_DESC) • # Service Access Lines in Service at the end of period • Geographic Scope NOTE: Code in parentheses is the corresponding header found in the raw data file.	• Report Month • BST Company Code • Ticket Submission Date & Time • Ticket Completion Date • Service Type • Disposition and Cause (Non-Design / Non-Special Only) • Trouble Code (Design and Trunking Services) • # Service Access Lines in Service at the end of period • Geographic Scope

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MAINTENANCE & REPAIR – (Customer Trouble Report Rate – Continued)

Retail Analog/Benchmark:
CLEC Residence-Resale / BST Residence -Retail
CLEC Business-Resale / BST Business-Retail
CLEC Design-Resale / BST Design-Retail
CLEC PBX, Centrex and ISDN Resale/ BST PBX, Centrex, and ISDN Retail
CLEC Trunking-Resale / BST Trunking-Retail
UNEs - Retail Analog (under development at this time)

MAINTENANCE & REPAIR

Report/Measurement:
Maintenance Average Duration
Definition:
The Average duration of Customer Trouble Reports from the receipt of the Customer Trouble Report to the time the trouble report is cleared.
Exclusions:
- Trouble reports canceled at the CLEC request   - BST trouble reports associated with administrative service   - Customer Provided Equipment (CPE) troubles or CLEC Equipment Troubles.   - Trouble reports greater than 10 days
Business Rules:
For Average Duration the clock starts on the date and time of the receipt of a correct repair request. The clock stops on the date and time the service is restored (when the technician completes the trouble ticket on his/her CAT or work system).
Calculation:
Maintenance Average Duration = Σ(Date and Time of Service Restoration) – (Date and Time Trouble Ticket was Opened) / Σ(Total Closed Troubles in the reporting period)
Report Structure:
- CLEC Specific   - BST Aggregate   - CLEC Aggregate
Level of Disaggregation:
ISDN Troubles included in Non Design – GA Only   - Product Reporting Levels   - POTS– Residence and Business   - Design   - PBX, CENTREX, and ISDN   - UNE 2 Wire Loop (Design Non – Design)   - UNE Loop Other (Design Non – Design)   - UNE Other (Design Non – Design)   - Switching, Local Transport and Combos (under development)   - Local Interconnection Trunks   - Dispatch/No Dispatch categories applicable to all product levels   - Geographic Scope   - State, Region and further geographic disaggregation as required by State Commission Order (e.g. Metropolitan Service Area – MSA)

MAINTENANCE & REPAIR – (Maintenance Average Duration – Continued)

DATA RETAINED RELATING TO CLEC EXPERIENCE	DATA RETAINED RELATING TO BST EXPERIENCE
• Report Month • Total Tickets (LINE_NBR) • CLEC Company Name • Ticket Submission Date & Time (TIME_ID) • Ticket Completion Date (CMPLTN_DT • Service Type (CLASS_SVC_DESC) • Disposition and Cause (CAUSE_CD & CAUSE_DESC) • Geographic Scope NOTE: Code in parentheses is the corresponding header found in the raw data file.	• Report Month • Total Tickets • BST Company Code • Ticket Submission Date • Ticket submission Time • Ticket completion Date • Ticket Completion Time • Total Duration Time • Service Type • Disposition and Cause (Non – Design / Non-Special Only) • Trouble Code (Design and Trunking Services) • Geographic Scope
Retail Analog/Benchmark:	
CLEC Residence-Resale / BST Residence-Resale CLEC Business-Resale / BST Business-Retail CLEC Design-Resale / BST Design-Retail CLEC PBX, Centrex and ISDN Resale / BST PBX, Centrex and ISDN Retail CLEC Trunking-Resale /BST Trunking-Retail UNEs - Retail Analog (under development at this time)	

MAINTENANCE & REPAIR

Report/Measurement:
Percent Repeat Troubles within 30 Days

Definition:
Trouble reports on the same line/circuit as a previous trouble report received within 30 calendar days as a percent of total troubles reported.

Exclusions:
• Trouble Reports canceled at the CLEC request • BST Trouble Reports associated with administrative service • Customer Provided Equipment (CPE) Troubles or CLEC Equipment Troubles.

Business Rules:
Includes Customer trouble reports received within 30 days of an original Customer trouble report.

Calculation:
Percentage of Missed Repair Appointments = (Count of Customer Troubles where more than one trouble report was logged for the same service line within a continuous 30 days) / (Total Trouble Reports Closed in Reporting Period) X 100

Report Structure:
• CLEC Specific • CLEC Aggregate • BST Aggregate

Level of Disaggregation:

ISDN Troubles included in Non Design – GA Only
• Product Reporting Levels
  ➤ POTS Residence and Business
  ➤ Design
  ➤ PBX, CENTREX and ISDN
  ➤ UNE 2 Wire Loop (Design and Non – Design)
  ➤ UNE Loop Other (Design and Non – Design)
  ➤ UNE Other (Design Non – Design)
  ➤ Switching, Local Transport and Combos (under development)
  ➤ Local Interconnection Trunks
• Dispatch/No Dispatch categories applicable to all product levels
• Geographic Scope
  ➤ State, Region and further geographic disaggregation as required by State Commission Order (e.g. Metropolitan Service Area - MSA)

DATA RETAINED RELATING TO CLEC EXPERIENCE	DATA RETAINED RELATING TO BST EXPERIENCE
• Report Month • Total Tickets (LINE_NBR) • CLEC Company Name • Ticket Submission Date & Time (TICKET_ID) • Ticket Completion Date (CMPLTN_DT) • Total and Percent Repeat Trouble Reports within 30 Days (TOT_REPEAT) • Service Type • Disposition and Cause (CAUSE_CD & CAUSE_DESC) • Geographic Scope NOTE: Code parentheses is the corresponding header format found in the raw data file.	• Report Month • Total Tickets • BST Company Code • Ticket Submission Date • Ticket Submission Time • Ticket Completion Date • Ticket Completion Time • Total and Percent Repeat Trouble Reports within 30 Days • Service Type • Disposition and Cause (Non – Design/ Non-Special only) • Trouble Code (Design and Trunking Services) • Geographic Scope

MAINTENANCE & REPAIR – (Percent Repeat Troubles within 30 Days - Continued)

Retail Analog/Benchmark:
CLEC Residence-Resale / BST Residence-Retail
CLEC Business- Resale / BST Business-Retail
CLEC Design-Resale / BST Design-Retail
CLEC PBX, Centrex and ISDN Resale / BST PBX, Centrex and ISDN Retail
CLEC Trunking-Resale / BST Trunking-Retail
UNEs - Retail Analog (under development at this time)

MANTENANCE & REPAIR

Report/Measurement:
Out of Service (OOS) > 24 Hours
Definition:
For Out of Service Troubles (no dial tone, cannot be called or cannot call out) the percentage of troubles cleared in excess of 24 hours. (All design services are considered to be out of service.)
Exclusions:
• Trouble Reports canceled at the CLEC request • BST Trouble Reports associated with administrative service • Customer Provided Equipment (CPE) Troubles or CLEC Equipment Troubles.
Business Rules:
Customer Trouble reports that are out of service and cleared in excess of 24 hours. The clock begins when the trouble report is created in LMOS and the trouble is counted if the time exceeds 24 hours.
Calculation:
Out of Service (OOS) > 24 hours = (Total Troubles OOS > 24 Hours) / Total OOS Troubles in Reporting Period) X 100
Report Structure:
• CLEC Specific • BST Aggregate • CLEC Aggregate.
Level of Disaggregation:

ISDN Troubles included in Non Design – GA Only
• Product Reporting Levels
    ➤ POTS Residence and Business
    ➤ Design
    ➤ PBX and CENTREX and ISDN
    ➤ UNE 2 Wire Loop (Design and Non – Design)
    ➤ UNE Loop Other (Design and Non – Design)
    ➤ UNE Other (Design and Non – Design)
    ➤ Switching, Local Transport and Combos (under development)
    ➤ Local Interconnection Trunks
• Dispatch/No Dispatch categories applicable to all product levels
• Geographic Scope
    ➤ State, Region and further geographic disaggregation as required by State Commission Order (e.g. Metropolitan Service Area - MSA)

DATA RETAINED RELATING TO CLEC EXPERIENCE	DATA RETAINED RELATING TO BST EXPERIENCE
• Report Month • Total Tickets • CLEC Company Name • Ticket Submission Date & Time (TICKET_ID) • Ticket Completion Date (CMPLTN_DT • Percentage of Customer Troubles out of Service > 24 Hours (OOS>24_FLAG) • Service type (CLASS_SVC_DESC) • Disposition and Cause (CAUSE_CD & CAUSE-DESC) • Geographic Scope **NOTE:** Code in parentheses is the corresponding header found in the raw data file.	• Report Month • Total Tickets • BST Company Code • Ticket Submission Date • Ticket Submission time • Ticket Completion Date • Ticket Completion Time • Percent of Customer Troubles out of Service > 24 Hours • Service type • Disposition and Cause (Non – Design/ Non-Special only) • Trouble Code (Design and Trunking Services) • Geographic Scope

MANTENANCE & REPAIR – (Out of Service (OOS) > 24 Hours – Continued)

Retail Analog/Benchmark:
• CLEC Residence-Resale / BST Residence- Retail
• CLEC Business- Resale / BST Business-Retail
• CLEC Design-Resale / BST Design-Retail
• CLEC PBX, Centrex and ISDN Resale / BST PBX, Centrex and ISDN Retail
• CLEC Trunking-Resale /BST Trunking- Retail
• UNEs Retail Analog (under development at this time.)

MAINTENANCE & REPAIR

Report/Measurement:
OSS Interface Availability

Definition:
The percentage of time the OSS Interface is functionally available compared to scheduled availability. Availability percentage for the CLEC and BST interface systems and for the legacy systems accessed by them are captured.

Exclusions:
None

Business Rules:
This measure is designed to compare the OSS availability versus scheduled availability of BST's legacy systems.

Calculation:
OSS Interface Availability = (Actual System Functional Availability) / (Actual planned System Availability) X 100

Report Structure:
• CLEC Aggregate • BST Aggregate • BST/CLEC

Level of Disaggregation:
Region

DATA RETAINED RELATING TO CLEC EXPERIENCE	DATA RETAINED RELATING TO BST EXPERIENCE
• Availability of CLEC TAFI • Availability of LMOS HOST, MARCH and SOCS • CRIS, PREDICTOR, LNP, and OSPCM (under development at this time)	• Availability of BST TAFI • Availability of LMOS HOST, MARCH and SOCS

Retail Analog/Benchmark:
Parity by design; Retail Analog

MAINTENANCE & REPAIR

Report/Measurement:
OSS Response Interval and Percentages
Definition:
The response intervals are determined by subtracting the time a request is received on the BST side of the interface until the response is received from the legacy system. Percentages of requests falling into each interval category are reported, along with the actual number of requests falling into those categories.
Exclusions:
Queries received during scheduled system maintenance time.
Business Rules:
This measure is designed to monitor the time required for the CLEC and BST interface system to obtain from BST's legacy systems the information required to handle maintenance and repair functions. The clock starts on the date and time when the request is received and the clock stops when the response has been transmitted through that same point to the requester.
Calculation:
OSS Response Interval = (Query Response Date and Time for Category "X") - (Query Request Date and Time for Category "X") / (Number of Queries Submitted in the Reporting Period) where, "X" is 0-4, ≥ 4 to 10, ≥ 10, ≥ 30 seconds.
Report Structure:
• CLEC • BST Residence • BST Business (BST Total is under development at this time) by interface for each legacy system and function as appropriate.
Level of Disaggregation:
Region

DATA RETAINED RELATING TO CLEC EXPERIENCE	DATA RETAINED RELATING TO BST EXPERIENCE
• CLEC Transaction Intervals	• BST Business and Residence transaction Intervals
Retail Analog/Benchmark:	
Retail Analog Audit Verification	

MAINTENANCE & REPAIR

Report/Measurement:
Average Answer Time -- Repair Centers
Definition:
This measure demonstrates an average response time for the CLEC representative to contact a BST representative. The average time a CLEC Rep is in queue waiting for the LCSC or UNE Center Rep to answer.
Exclusions:
None
Business Rules:
This measure is designed to measure the time required for CLEC & BST from the time of the ACD choice to the time of being answered. The clock starts when the CLEC Rep makes a choice to be put in queue for the next repair attendant and the clock stops when the repair attendant answers the call.
Level of Disaggregation:
Region. CLEC/BST Service Centers and BST Repair Centers are regional.
Calculation:
Average Answer Time for BST's Repair Centers = (Time BST Repair Attendant Answers Call) – (Time of entry into queue until ACD Selection) / (Total number of calls by reporting period)
Report Structure:
• CLEC Aggregate
• BST/CLEC Aggregate

DATA RETAINED RELATING TO CLEC EXPERIENCE	DATA RETAINED RELATING TO BST EXPERIENCE
• CLEC Average Answer Time	• BST Average Answer Time

Retail Analog/Benchmark:
Retail Analog
Audit Verification

BILLING

Report/Measurement:
Invoice Accuracy
Definition:
This measure provides the percentage accuracy of the billing invoices rendered to CLECs during the current month.
Exclusions:
• Adjustments not related to billing errors (e.g., credits for service outage, special promotion credits, adjustments to satisfy the customer).
Business Rules:
The accuracy of billing invoices delivered by BST to the CLEC must enable them to provide a degree of billing accuracy comparative to BST bills rendered to retail customers BST CLECs request adjustments on bills determined to be incorrect. The BellSouth Billing verification process includes manually analyzing a sample of local bills from each bill period. This bill verification process draws from a mix of different customer billing options and types of service. An end-to-end process is performed for new products and services. Internal measurements and controls are maintained on all billing processes.
Calculation:
Invoice Accuracy = (Total Billed Revenues during current month) – (Billing Related Adjustments during current month) / Total Billed Revenues during current month X 100
Report Structure:
• CLEC Specific • CLEC Aggregate • BST Aggregate
Level of Disaggregation :

• Product / Invoice Type
   ➢ Resale
   ➢ UNE
   ➢ Interconnection
• Geographic Scope
   ➢ Region

DATA RETAINED RELATING TO CLEC EXPERIENCE:	DATA RETAINED RELATING TO BST PERFORMANCE:

• Report Month
• Invoice Type
   ➢
• Total Billed Revenue
• Billing Related Adjustments
	• Report Month
	• Invoice Type
	   ➢ CRIS
	   ➢ CABS
	• Total Billed Revenue
	• Billing Related Adjustments

Retail Analog/Benchmark
Retail Analog

BILLING

Report/Measurement:
Mean Time to Deliver Invoices
Definition:
This measure provides the mean interval for billing invoices
Exclusions:
Any invoices rejected due to formatting or content errors.
Business Rules:
Measures the mean interval for timeliness of billing records delivered to CLECs in an agreed upon format. CRIS-based invoices are measured in business days, and CABS-based invoices in calendar days.
Calculation:
Mean Time To Deliver Invoices $= \Sigma$ [(Invoice Transmission Date)– (Close Date of Scheduled Bill Cycle)] / (Count of Invoices Transmitted in Reporting Period)
Report Structure:
- CLEC Specific   - CLEC Aggregate   - BST Aggregate
Level of Disaggregation:
- Product / Invoice Type   - Resale   - UNE   - Interconnection   - Geographic Scope   - Region

DATA RETAINED RELATING TO CLEC EXPERIENCE:	DATA RETAINED RELATING TO BST PERFORMANCE:
- Report Month - Invoice Type - Invoice Transmission Count - Date of Scheduled Bill Close	- Report Month - Invoice Type - CRIS - CABS - Invoice Transmission Count - Date of Scheduled Bill Close

Retail Analog/Benchmark:
CRIS-based invoices will be released for delivery within six (6) business days CABS-based invoices will be released for delivery within eight (8) calendar days.

BILLING

Report/Measurement:
Usage Data Delivery Accuracy
Definition:
This measurement captures the percentage of recorded usage and recorded usage data packets transmitted error free and in an agreed upon format to the appropriate CLEC, as well as a parity measurement against BST Data Packet Transmission.
Exclusions:
None
Business Rules:
The accuracy of usage records delivered by BST to the CLEC must provide CLECs with the opportunity to deliver bills at least as accurate as those delivered by BST.
Calculations:
Usage Data Delivery Accuracy = Σ [(Total number of usage data packs sent during current month) – (Total number of usage data packs requiring retransmission during current month)] / (Total number of usage data packs sent during current month) X 100
Report Structure:
•   CLEC Specific •   CLEC Aggregate •   BST Aggregate
Level of Disaggregation:

•   Product / Invoice Type
    ➢ Resale
    ➢ UNE
    ➢ Interconnection
•   Geographic Scope
    ➢ Region

DATA RETAINED RELATING TO CLEC EXPERIENCE:	DATA RETAINED RELATING TO BST PERFORMANCE:

•   Report Month
•   Record Type
    ➢ BellSouth Recorded
    ➢ Non BellSouth Recorded
	• Report Month
	• Record Type

Retail Analog/Benchmark:
Retail Analog

BILLING

Report/Measurement:
Usage Data Delivery Completeness
Definition:
This measurement provides percentage of complete and accurately recorded usage data (usage recorded by BellSouth and usage recorded by other companies and sent to BST for biling) that is processed and transmitted to the CLEC within thirty (30) days of the message recording date. A parity measure is also provided showing completeness of BST messages processed and transmitted via CMDS. BellSouth delivers its own retail usage from recording location to billing location via CMDS as well as delivering billing data to other companies. Timeliness, Completeness and Mean Time to Deliver Usage measures are reported on the same report.
Exclusions:
None
Business Rules:
The purpose of these measurements is to demonstrate the level of quality of usage data delivered to the appropriate CLEC. Method of delivery is at the option of the CLEC.
Calculation:
Usage Data Delivery Completeness = Σ(Total number of Recorded usage records delivered during the current month that are within thirty (30) days of the message recording date) / Σ(Total number of Recorded usage records delivered during the current month) X 100
REPORT STRUCTURE
• CLEC Specific • CLEC Aggregate • BST Aggregate
Level of Disaggregation:
➤ • Geographic Scope   ➤ Region

DATA RETAINED RELATING TO CLEC ·EXPERIENCE:	DATA RETAINED RELATING TO BST PERFORMANCE:

• Report Month
• Record Type
  ➤ BellSouth Recorded
  ➤ Non BellSouth Recorded
	• Report Monthly
	• Record Type

Retail Analog/Benchmark:
Retail Analog

BILLING

Report/Measurement:
Usage Data Delivery Timeliness
Definition:
This measurement provides percentage of recorded usage data (usage recorded by BST and usage recorded by other companies and sent to BST for billing) that is delivered to the appropriate CLEC within six (6) calendar days from the receipt of the initial recording. A parity measure is also provided showing timeliness of BST messages processed and transmitted via CMDS. Timeliness, Completeness and Mean Time to Deliver Usage measures are reported on the same report.
Exclusions:
None
Business Rules:
The purpose of this measurement is to demonstrate the level of timeliness for processing and transmission of usage data delivered to the appropriate CLEC. The usage data will be mechanically transmitted or mailed to the CLEC data processing center once daily. The Timeliness interval of usage recorded by other companies is measured from the date BST receives the records to the date BST distributes to the CLEC. Method of delivery is at the option of the CLEC.
Calculation:
Usage Data Delivery Timeliness = Σ (Total number of usage records sent within six (6) calendar days from initial recording/receipt) / Σ (Total number of usage records sent) X 100
Report Structure:
• CLEC Aggregate • CLEC Specific • BST Aggregate
Level of Disaggregation:
• • Geographic Scope   ➤ Region

DATA RETAINED RELATING TO CLEC EXPERIENCE:	DATA RETAINED RELATING TO BST PERFORMANCE:

• Report Month
• Record Type
  ➤ BellSouth Recorded
  ➤ Non-BellSouth Recorded
	• Report Monthly
	• Record Type

Retail Analog/Benchmark:
Retail Analog

BILLING

Report/Measurement:
Mean Time to Deliver Usage
Definition:
This measurement provides the average time it takes to deliver Usage Records to a CLEC. A parity measure is also provided showing timeliness of BST messages processed and transmitted via CMDS. Timeliness, Completeness and Mean Time to Deliver Usage measures are reported on the same report.
Exclusions:
None
Business Rules:
The purpose of this measurement is to demonstrate the average number of days it takes to deliver Usage data to the appropriate CLEC. Usage data is mechanically transmitted or mailed to the CLEC data processing center once daily. Method of delivery is at the option of the CLEC.
Calculation:
Mean Time to Deliver Usage = Σ (Record volume X estimated number of days to deliver the Usage Record) / total record volume
Report Structure:
• CLEC Aggregate • CLEC Specific • BST Aggregate
Level of Disaggregation:
• • Geographic Scope   ➢ Region

DATA RETAINED RELATING TO CLEC EXPERIENCE:	DATA RETAINED RELATING TO BST PERFORMANCE:

• Report Month
• Record Type
  ➢ BellSouth Recorded
  ➢ Non-BellSouth Recorded
	• Report Monthly
	• Record Type

Retail Analog/Benchmark:
Retail Analog

OPERATOR SERVICES AND DIRECTORY ASSISTANCE

Report/Measurement:	
Speed to Answer Performance/Average Speed to Answer – Toll	
Definition:	
Measurement of the average time in seconds calls wait before answered by a toll operator.	
Exclusions:	
Calls abandoned by customers are not reflected in the average speed to answer but are reflected in the conversion tables where the percent answered within "X" seconds is determined.	
Business Rules:	
The call waiting measurement scan starts when the customer enters the queue and ends when a BST representative answers the call. The average speed to answer is determined by measuring and accumulating the seconds of wait time from the entry of a customer into the BST call management system queue until the customer is transferred to a BST representative. No distinction is made between CLEC customers and BST customers.	
Calculation:	
The Average Speed to Answer for toll is calculated by using data from monthly system measurement reports taken from the centralized call routing switches. The "total call waiting seconds" is a sub-component of this measure which BST systems calculate by monitoring the number of calls in queue throughout the day multiplied by the time (in seconds) between monitoring events. The "total calls served" is the other sub-component of this measure, which BST systems record as the total number of calls handled by Operator Services toll centers. Since calls abandoned are not reflected in the calculation, the percent answered within the required timeframe is determined by using conversion tables with input for the abandonment rate.	
Report Structure:	
Reported for the aggregate of BST and CLECs • State	
Level of Disaggregation:	
None	
DATA RETAINED (ON AGGREGATE BASIS)	
For the items below, BST's Performance Measurement Analysis Platform (PMAP) receives a final computation; therefore, no raw data file is available in PMAP. • Month • Call Type (Toll) • Average Speed of Answer	
Retail Analog/Benchmark	
Parity by Design	

OPERATOR SERVICES AND DIRECTORY ASSISTANCE

Report/Measurement:
Speed to Answer Performance/Percent Answered within "X" Seconds – Toll
Definition:
Measurement of the percent of toll calls that are answered in less than "X" seconds. The number of seconds represented by "X" is thirty, except where a different regulatory benchmark has been set against the Average Speed to Answer by a State Commission.
Exclusions:
Calls abandoned by customers are not reflected in the average speed to answer but are reflected in the conversion tables where the percent answered within "X" seconds is determined.
Business Rules:
The call waiting measurement scan starts when the customer enters the queue and ends when a BST representative answers the call. The average speed to answer is determined by measuring and accumulating the seconds of wait time from the entry of a customer into the BST call management system queue until the customer is transferred to a BST representative. No distinction is made between CLEC customers and BST customers.
Calculation:
The Percent Answered within "X" Seconds measurement for toll is derived by using the BellCore Statistical Answer Conversion Tables, to convert the Average Speed to Answer measure into a percent of calls answered within "X" seconds. The BellCore Conversion Tables are specific to the defined parameters of work time, number of operators, max queue size and call abandonment rates.
Report Structure:
Reported for the aggregate of BST and CLECs • State
Level of Disaggregation:
None
DATA RETAINED (ON AGGREGATE BASIS)
For the items below, BST's Performance Measurement Analysis Platform (PMAP) receives a final computation; therefore, no raw data file is available in PMAP. • Month • Call Type (Toll) • Average Speed of Answer
Retail Analog/Benchmark
Parity by Design

OPERATOR SERVICES AND DIRECTORY ASSISTANCE

Report/Measurement:
Speed to Answer Performance/Average Speed to Answer – Directory Assistance (DA)
Definition:
Measurement of the average time in seconds calls wait before answer by a DA operator.
Exclusions:
Calls abandoned by customers are not reflected in the average speed to answer but are reflected in the conversion tables where the percent answered within "X" seconds is determined.
Business Rules:
The call waiting measurement scan starts when the customer enters the queue and ends when a BST representative answers the call. The average speed to answer is determined by measuring and accumulating the seconds of wait time from the entry of a customer into the BST call management system queue until the customer is transferred to a BST representative. No distinction is made between CLEC customers and BST customers.
Calculation:
The Average Speed to Answer for DA is calculated by using data from monthly system measurement reports taken from the centralized call routing switches. The "total call waiting seconds" is a sub-component of this measure which BST systems calculate by monitoring the number of calls in queue throughout the day multiplied by the time (in seconds) between monitoring events. The "total calls served" is the other sub-component of this measure, which BST systems record as the total number of calls handled by Operator Services DA centers. Since calls abandoned are not reflected in the calculation, the percent answered within the required timeframe is determined by using conversion tables with input for the abandonment rate.
Report Structure:
Reported for the aggregate of BST and CLECs • State
Level of Disaggregation:
None
DATA RETAINED (ON AGGREGATE BASIS)
For the items below, BST's Performance Measurement Analysis Platform (PMAP) receives a final computation; therefore, no raw data file is available in PMAP. • Month • Call Type (DA) • Average Speed of Answer
Retail Analog/Benchmark
Parity by Design

Version 3Q99

OPERATOR SERVICES AND DIRECTORY ASSISTANCE

Report/Measurement:
Speed to Answer Performance/Percent Answered within "X" Seconds – Directory Assistance (DA)
Definition:
Measurement of the percent of DA calls that are answered in less than "X" seconds. The number of seconds represented by "X" is twenty, except where a different regulatory benchmark has been set against the Average Speed to Answer by a State Commission.
Exclusions:
Calls abandoned by customers are not reflected in the average speed to answer but are reflected in the conversion tables where the percent answered within "X" seconds is determined.
Business Rules:
The call waiting measurement scan starts when the customer enters the queue and ends when a BST representative answers the call. The average speed to answer is determined by measuring and accumulating the seconds of wait time from the entry of a customer into the BST call management system queue until the customer is transferred to a BST representative. No distinction is made between CLEC customers and BST customers.
Calculation:
The Percent Answered within "X" Seconds measurement for DA is derived by using the BellCore Statistical Answer Conversion Tables, to convert the Average Speed to Answer measure into a percent of calls answered within "X" seconds. The BellCore Conversion Tables are specific to the defined parameters of work time, number of operators, max queue size and call abandonment rates.
Report Structure:
Reported for the aggregate of BST and CLECs   • State
Level of Disaggregation:
None
DATA RETAINED (ON AGGREGATE BASIS)

For the items below, BST's Performance Measurement Analysis Platform (PMAP) receives a final computation; therefore, no raw data file is available in PMAP.
   • Month
   • Call Type (DA)
   • Average Speed of Answer

Retail Analog/Benchmark
Parity by Design

E911

Report/Measurement:
E911/Timeliness
Definition:
Measures the percentage of batch orders for E911 database updates (to CLEC resale and BST retail records) processed successfully within a 24-hour period.
Exclusions:
• Any resale order canceled by a CLEC   • Facilities-based CLEC orders
Business Rules:
The 24-hour processing period is calculated based on the date and time processing starts on the batch orders and the date and time processing stops on the batch orders. Mechanical processing starts when SCC (BST's E911 vendor) receives E911 files containing batch orders extracted from BST's Service Order Communication System (SOCS). Processing stops when SCC loads the individual records to the E911 database. No distinctions are made between CLEC resale records and BST retail records.
Calculation:
E911 Timeliness = Σ (Number of batch orders processed within 24 hours ÷ Total number of batch orders submitted) X 100
Report Structure:
Reported for the aggregate of CLEC resale updates and BST retail updates   • State   • Region
Levels of Disaggregation:
None
DATA RETAINED
• Report month   • Aggregate data
Retail Analog/Benchmark
Parity by Design

E911

Report/Measurement:
E911/Accuracy
Definition:
Measures the individual E911 telephone number (TN) record updates (to CLEC resale and BST retail records) processed successfully for E911 with no errors.
Exclusions:
• Any resale order canceled by a CLEC
• Facilities-based CLEC orders
Business Rules:
Accuracy is based on the number of records processed without error at the conclusion of the processing cycle. Mechanical processing starts when SCC (BST's E911 vendor) receives E911 files containing telephone number (TN) records extracted from BST's Service Order Communication System (SOCS). No distinctions are made between CLEC resale records and BST retail records.
Calculation:
E911 Accuracy = Σ(Number of record individual updates processed with no errors ÷ Total number of individual record updates) X 100
Report Structure:
Reported for the aggregate of CLEC resale updates and BST retail updates
• State
• Region
Level of Disaggregation:
None
DATA RETAINED
• Report month
• Aggregate data
Retail Analog/Benchmark
Parity by Design

E911

Report/Measurement:
E911/Mean Interval ·
Definition:
Measures the mean interval processing of E911 batch orders (to update CLEC resale and BST retail records).
Exclusions:
• Any resale order canceled by a CLEC • Facilities-based CLEC orders
Business Rules:
The processing period is calculated based on the date and time processing starts on the batch orders and the date and time processing stops on the batch orders. Data is posted in 4-hour increments up to and beyond 24 hours. No distinctions are made between CLEC resale records and BST retail records.
Calculation:
E911 Mean Interval = $\sum$ (Date and time of batch order completion – Date and time of batch order submission) ÷ (Number of batch orders completed)
Report Structure:
Reported for the aggregate of CLEC resale updates and BST retail updates • State • Region
Level of Disaggregation:
None
DATA RETAINED (ON AGGREGATE BASIS)
• Report month • Aggregate data
Retail Analog/Benchmark
Parity by Design

TRUNK GROUP PERFORMANCE

Report/Measurement:	
Trunk Group Service Report	

Definition:
A report of the percent blocking above the Measured Blocking Threshold (MBT) on all final trunk groups between CLEC Points of Termination and BST end offices or tandems.

Exclusions:
• Trunk groups for which valid traffic data is not available
• High use trunk groups

Business Rules:
Traffic trunking data measurements are validated and processed by the Total Network Data System/Trunking (TNDS/TK), a Telcordia (BellCore) supported application, on an hourly basis for Average Business Days (Monday through Friday). The traffic load sets, including offered load and observed blocking ratio (calls blocked divided by calls attempted), are averaged for a 20 day period, and the busy hour is selected. The busy hour average data for each trunk group is captured for reporting purposes. Although all trunk groups are available for reporting, the report highlight those trunk groups with blocking greater than the Measured Blocking Threshold (MBT) and the number of consecutive monthly reports that the trunk group blocking has exceeded the MBT. The MBT for CTTG is 2% and the MBT for all other trunk groups is 3%.

Calculation:
Measured blocking = (Total number of blocked calls) / (Total number of attempted calls) X 100

Report Structure:
• BST Aggregate 　➢ CTTG 　➢ Local • CLEC Aggregate 　➢ BST Administered CLEC Trunk 　➢ CLEC Administered CLEC Trunk • CLEC Specific 　➢ BST Administered CLEC Trunk 　➢ CLEC Administered CLEC Trunk

Level of Disaggregation:
State

DATA RETAINED RELATING TO CLEC EXPERIENCE	**DATA RETAINED RELATING TO BST EXPERIENCE**
• Report month • Total trunk groups • Total trunk groups for which data is available • Trunk groups with blocking greater than the MBT • Percent of trunk groups with blocking greater than the MBT	• Report month • Total trunk groups • Total trunk groups for which data is available • Trunk groups with blocking greater than the MBT • Percent of trunk groups with blocking greater than the MBT

Retail Analog/Benchmark:
Retail Analog

TRUNK GROUP PERFORMANCE

Report/Measurement:
Trunk Group Service Detail
Definition:
A detailed list of all final trunk groups between CLEC Points of Presence and BST end offices or tandems, and the actual blocking performance when the blocking exceeds the Measured Blocking Threshold (MBT) for the trunk groups.
Exclusions:
• Trunk groups for which valid traffic data is not available • High use trunk groups
Business Rules:
.Traffic trunking data measurements are validated and processed by the Total Network Data System/Trunking (TNDS/TK), a Telcordia (Bellcore) supported application, on an hourly basis for Average Business Days (Monday through Friday). The traffic load sets, including offered load and observed blocking ratio (calls blocked divided by calls attempted), are averaged for a 20 day period, and the busy hour is selected. The busy hour average data for each trunk group is captured for reporting purposes. Although all trunk groups are available for reporting, the report highlight those trunk groups with blocking greater than the Measured Blocking Threshold (MBT) and the number of consecutive monthly reports that the trunk group blocking has exceeded the MBT. The MBT for CTTG is 2% and the MBT for all other trunk groups is 3%.
Calculation:
Measured Blocking = (Total number of blocked calls) / (Total number of attempted calls) X 100
Report Structure:

• BST Specific	• CLEC Specific
➤ Traffic Identity ➤ TGSN ➤ Tandem ➤ End Office ➤ Description ➤ Observed Blocking ➤ Busy Hour ➤ Number Trunks ➤ Valid study days ➤ Number reports ➤ Remarks	➤ Traffic Identity ➤ TGSN ➤ Tandem ➤ CLEC POT ➤ Description ➤ Observed Blocking ➤ Busy Hour ➤ Number Trunks ➤ Valid study days ➤ Number reports ➤ Remarks

Level of Disaggregation:
State

DATA RETAINED RELATING TO CLEC EXPERIENCE	DATA RETAINED RELATING TO BST EXPERIENCE
• Report month • Total trunk groups • Total trunk groups for which data is available • Trunk groups with blocking greater than the MBT • Percent of trunk groups with blocking greater than the MBT • Traffic identity, TGSN, end points, description, busy hour, valid study days, number reports	• Report month • Total trunk groups • Total trunk groups for which data is available • Trunk groups with blocking greater than the MBT • Percent of trunk groups with blocking greater than the MBT • Traffic identity, TGSN, end points, description, busy hour, valid study days, number reports

Retail Analog/Benchmark
Retail Analog

COLLOCATION

Report/Measurement:
Collocation/Average Response Time
Definition:
Measures the average time (counted in business days) from the receipt of a complete and accurate collocation application (including receipt of application fees) to the date BellSouth responds in writing.
Exclusions:
• Requests to augment previously completed arrangements • Any application cancelled by the CLEC
Business Rules:
The clock starts on the date that BST receives a complete and accurate collocation application accompanied by the appropriate application fee. The clock stops on the date that BST returns a response. The clock will restart upon receipt of changes to the original application request.
Calculation:
Average Response Time = Σ(Request Response Date) – (Request Submission Date) / Count of Responses Returned within Reporting Period.
Report Structure:
• Individual CLEC (alias) aggregate • Aggregate of all CLECs
Level of Disaggregation:
• State, Region and further geographic disaggregation as required by State Commission Order • Virtual • Physical
DATA RETAINED:
• Report period • Aggregate data
Retail Analog/Benchmark:
Under development

COLLOCATION

Report/Measurement:
Collocation/Average Arrangement Time
Definition:
Measures the average time (counted in business days) from the receipt of a complete and accurate Bona Fide firm order (including receipt of appropriate fee) to the date BST completes the collocation arrangement.
Exclusions:
• Any Bona Fide firm order cancelled by the CLEC • Bona Fide firm orders to augment previously completed arrangements • Time for BST to obtain permits • Time during which the collocation contract is being negotiated
Business Rules:
The clock starts on the date that BST receives a complete and accurate Bona Fide firm order accompanied by the appropriate fee. The clock stops upon submission of the permit request and restarts upon receipt of the approved permit. Changes (affecting the provisioning interval or capital expenditures) that are submitted while provisioning is in progress may alter the completion date. The clock stops on the date that BST completes the collocation arrangement.
Calculation:
Average Arrangement Time = Σ(Date Collocation Arrangement is Complete) – (Date Order for Collocation Arrangement Submitted) / Total Number of Collocation Arrangements Completed during Reporting Period.
Report Structure:
• Individual CLEC (alias) aggregate • Aggregate of all CLECs
Level of Disaggregation:
• State, Region and further geographic disaggregation as required by State Commission Order • Virtual • Physical
DATA RETAINED:
• Report period • Aggregate data
Retail Analog/Benchmark:
Under development

COLLOCATION

Report/Measurement:
Collocation/Percent of Due Dates Missed
Definition:
Measures the percent of missed due dates for collocation arrangements.
Exclusions:
- Any Bona Fide firm order cancelled by the CLEC   - Bona Fide firm orders to augment previously completed arrangements   - Time for BST to obtain permits   - Time during which the collocation contract is being negotiated
Business Rules:
The clock starts on the date that BST receives a complete and accurate Bona Fide firm order accompanied by the appropriate fee. The clock stops on the date that BST completes the collocation arrangement.
Calculation:
% of Due Dates Missed = Σ (Number of Orders not completed w/i ILEC Committed Due Date during Reporting Period) / Number of Orders Completed in Reporting Period) X 100
Report Structure:
- Individual CLEC (alias) aggregate   - Aggregate of all CLECs
Level of Disaggregation:
- State, Region and further geographic disaggregation as required by State Commission Order   - Virtual   - Physical
DATA RETAINED:
- Report period   - Aggregate data
Retail Analog/Benchmark:
Under development

APPENDIX A: REPORTING SCOPE*

Standard Service Groupings	*Pre-Order, Ordering* • Resale Residence • Resale Business • Resale Special • Local Interconnection Trunks • UNE • UNE - Loops w/LNP *Provisioning* • UNE Non-Design • UNE Design • UNE Loops w/LNP • Local Interconnection Trunks • Resale Residence • Resale Business • Resale Design • BST Trunks • BST Residence Retail • BST Business Retail *Maintenance and Repair* • Local Interconnection Trunks • UNE Non-Design • UNE Design • Resale Residence • Resale Business • BST Interconnection Trunks • BST Residence Retail • BST Business Retail Local Interconnection Trunk Group Blockage • BST CTTG Trunk Groups • CLEC Trunk Groups

Appendix A: Reporting Scope

Standard Service Order Activities *These are the generic BST/CLEC service order activities which are included in the Pre-Ordering, Ordering, and Provisioning sections of this document. It is not meant to indicate specific reporting categories.*	• New Service Installations • Service Migrations Without Changes • Service Migrations With Changes • Move and Change Activities • Service Disconnects (Unless noted otherwise)
Pre-Ordering Query Types: **Maintenance Query Types:**	• Address • Telephone Number • Appointment Scheduling • Customer Service Record • Feature Availability
Report Levels	• CLEC RESH • CLEC MSA • CLEC State • CLEC Region • Aggregate CLEC State • Aggregate CLEC Region • BST State • BST Region

* Scope is report, data source and system dependent, and, therefore, will differ with each report.

APPENDIX B: GLOSSARY OF ACRONYMS AND TERMS

A	**ACD**	Automatic Call Distributor - A service that provides status monitoring of agents in a call center and routes high volume incoming telephone calls to available agents while collecting management information on both callers and attendants.
	AGGREGATE	Sum total of all items in like category, e.g. CLEC aggregate equals the sum total of all CLECs' data for a given reporting level.
	ASR	Access Service Request - A request for access service terminating delivery of carrier traffic into a Local Exchange Carrier's network.
	ATLAS	Application for Telephone Number Load Administration System - The BellSouth Operations System used to administer the pool of available telephone numbers and to reserve selected numbers from the pool for use on pending service requests/service orders.
	ATLASTN	ATLAS software contract for Telephone Number
	AUTO CLARIFICATION	The number of LSRs that were electronically rejected from LESOG and electronically returned to the CLEC for correction.
B	**BILLING**	The process and functions by which billing data is collected and by which account information is processed in order to render accurate and timely billing.
	BOCRIS	Business Office Customer Record Information System - A front-end presentation manager used by BellSouth organizations to access the CRIS database.
	BRC	Business Repair Center – The BellSouth Business Systems trouble receipt center which serves large business and CLEC customers.
	BST	BellSouth Telecommunications, Inc.
C	**CKTID**	A unique identifier for elements combined in a service configuration
	CLEC	Competitive Local Exchange Carrier
	CMDS	Centralized Message Distribution System - BellCore administered national system used to transfer specially formatted messages among companies.
	COFFI	Central Office Feature File Interface - A BellSouth Operations System database which maintains Universal Service Order Code (USOC) information based on current tariffs.

Appendix B: Glossary of Acronyms and Terms - Continued

C	COFIUSOC	COFFI software contract for feature/service information
	CRIS	Customer Record Information System - The BellSouth proprietary corporate database and billing system for non-access customers and services.
	CRSACCTS	CRIS software contract for CSR information
	CSR	Customer Service Record
	CTTG	Common Transport Trunk Group - Final trunk groups between BST & Independent end offices and the BST access tandems.
D	DESIGN	Design Service is defined as any Special or Plain Old Telephone Service Order which requires BellSouth Design Engineering Activities
	DISPOSITION & CAUSE	Types of trouble conditions, e.g. No Trouble Found, Central Office Equipment, Customer Premises Equipment, etc.
	DLETH	Display Lengthy Trouble History - A history report that gives all activity on a line record for trouble reports in LMOS
	DLR	Detail Line Record - All the basic information maintained on a line record in LMOS, e.g. name, address, facilities, features etc.
	DOE	Direct Order Entry System - An internal BellSouth service order entry system used by BellSouth Service Representatives to input business service orders in BellSouth format.
	DSAP	DOE (Direct Order Entry) Support Application - The BellSouth Operations System which assists a Service Representative or similar carrier agent in negotiating service provisioning commitments for non-designed services and UNEs.
	DSAPDDI	DSAP software contract for schedule information
E	E911	Provides callers access to the applicable emergency services bureau by dialing a 3-digit universal telephone number.
	EDI	Electronic Data Interchange - The computer-to-computer exchange of inter and/or intra company business documents in a public standard format.
F	FATAL REJECT	The number of LSRs that were electronically rejected from LEO, which checks to see of the LSR has all the required fields correctly populated
	FLOW-THROUGH	In the context of this document, LSRs submitted electronically via the CLEC mechanized ordering process that flow through to the BST OSS without manual or human intervention.
	FOC	Firm Order Confirmation - A notification returned to the CLEC confirming that the LSR has been received and accepted, including the specified commitment date.

Appendix B: Glossary of Acronyms and Terms - Continued

G		
H	HAL	"Hands Off" Assignment Logic - Front end access and error resolution logic used in interfacing BellSouth Operations Systems such as ATLAS, BOCRIS, LMOS, PSIMS, RSAG and SOCS.
	HALCRIS	HAL software contract for CSR information
I	ISDN	Integrated Services Digital Network
K		
L	LCSC	Local Carrier Service Center - The BellSouth center which is dedicated to handling CLEC LSRs, ASRs, and Preordering transactions along with associated expedite requests and escalations.
	LEGACY SYSTEM	Term used to refer to BellSouth Operations Support Systems (see OSS)
	LENS	Local Exchange Negotiation System - The BellSouth LAN/web server/OS application developed to provide both preordering and ordering electronic interface functions for CLECs.
	LEO	Local Exchange Ordering - A BellSouth system which accepts the output of EDI, applies edit and formatting checks, and reformats the Local Service Requests in BellSouth Service Order format.
	LESOG	Local Exchange Service Order Generator - A BellSouth system which accepts the service order output of LEO and enters the Service Order into the Service Order Control System using terminal emulation technology.
	LMOS	Loop Maintenance Operations System - A BellSouth Operations System that stores the assignment and selected account information for use by downstream OSS and BellSouth personnel during provisioning and maintenance activities.
	LMOS HOST	LMOS host computer
	LMOSupd	LMOS updates
	LNP	Local Number Portability - In the context of this document, the capability for a subscriber to retain his current telephone number as he transfers to a different local service provider.
	LOOPS	Transmission paths from the central office to the customer premises.
	LSR	Local Service Request – A request for local resale service or unbundled network elements from a CLEC.
M	MAINTENANCE & REPAIR	The process and function by which trouble reports are passed to BellSouth and by which the related service problems are resolved.
	MARCH	A BellSouth Operations System which accepts service orders, interprets the coding contained in the service order image, and constructs the specific switching system Recent Change command messages for input into end office switches.

Appendix B: Glossary of Acronyms and Terms – Continued

N	NC	"No Circuits" - All circuits busy announcement
O	OASIS	Obtain Availability Services Information System - A BellSouth front-end processor, which acts as an interface between COFFI and RNS. This system takes the USOCs in COFFI and translates them to English for display in RNS.
	OASISBSN	OASIS software contract for feature/service
	OASISCAR	OASIS software contract for feature/service
	OASISLPC	OASIS software contract for feature/service
	OASISMTN	OASIS software contract for feature/service
	OASISNET	OASIS software contract for feature/service
	OASISOCP	OASIS software contract for feature/service
	ORDERING	The process and functions by which resale services or unbundled network elements are ordered from BellSouth as well as the process by which an LSR or ASR is placed with BellSouth.
	OSPCM	Outside Plant Contract Management System - Provides Scheduling Information.
	OSS	Operations Support System - A support system or database which is used to mechanize the flow or performance of work. The term is used to refer to the overall system consisting of hardware complex, computer operating system(s), and application which is used to provide the support functions.
	OUT OF SERVICE	Customer has no dial tone and cannot call out.
P	POTS	Plain Old Telephone Service
	PREDICTOR	The BellSouth Operations system which is used to administer proactive maintenance and rehabilitation activities on outside plant facilities, provide access to selected work groups (e.g. RRC & BRC) to Mechanized Loop Testing and switching system I/O ports, and provide certain information regarding the attributes and capabilities of outside plant facilities.
	PREORDERING	The process and functions by which vital information is obtained, verified, or validated prior to placing a service request.
	PROVISIONING	The process and functions by which necessary work is performed to activate a service requested via an LSR or ASR and to initiate the proper billing and accounting functions.
	PSIMS	Product/Service Inventory Management System - A BellSouth database Operations System which contains availability information on switching system features and capabilities and on BellSouth service availability. This database is used to verify the availability of a feature or service in an NXX prior to making a commitment to the customer.
	PSIMSORB	PSIMS software contract for feature/service

Appendix B: Glossary of Acronyms and Terms – Continued

Q		
R	**RNS**	Regional Negotiation System - An internal BellSouth service order entry system used by BellSouth Consumer Services to input service orders in BellSouth format.
	RRC	Residence Repair Center - The BellSouth Consumer Services trouble receipt center which serves residential customers.
	RSAG	Regional Street Address Guide - The BellSouth database, which contains street addresses validated to be accurate with state and local governments.
	RSAGADDR	RSAG software contract for address search
	RSAGTN	RSAG software contract for telephone number search
S	**SOCS**	Service Order Control System - The BellSouth Operations System which routes service order images among BellSouth drop points and BellSouth Operations Systems during the service provisioning process.
	SOIR	Service Order Interface Record - any change effecting activity to a customer account by service order that impacts 911/E911.
T	**TAFI**	Trouble Analysis Facilitation Interface - The BellSouth Operations System that supports trouble receipt center personnel in taking and handling customer trouble reports.
	TAG	Telecommunications Access Gateway – TAG was designed to provide an electronic interface, or machine-to-machine interface for the bi-directional flow of information between BellSouth's OSSs and participating CLECs.
	TN	Telephone Number
	TOTAL MANUAL FALLOUT	The number of LSRs which are entered electronically but require manual entering into a service order generator.
U	**UNE**	Unbundled Network Element
V		
W	**WTN**	A unique identifier for elements combined in a service configuration
X		
Y		
Z		
Σ		Sum of:

APPENDIX C: BELLSOUTH'S AUDIT POLICY

BELLSOUTH'S AUDIT POLICY:

BellSouth currently provides many CLECs with audit rights as a part of their individual interconnection agreements. However, it is not reasonable for BellSouth to undergo an audit for every CLEC with which it has a contract. As of June 1999, that would equate to over 732 audits per year and that number is continually growing. BellSouth developed a proposed Audit Plan for use by the parties to an audit If requested by a Public Service Commission, BellSouth will agree to undergo a comprehensive audit of the aggregate level reports for both BellSouth and the CLECs for each of the next five (5) years (2001-2005), to be conducted by an independent third party. The results of that audit will be made available to all the parties subject to proper safeguards to protect proprietary information. This aggregate level audit includes the following specifications:
1. The cost shall be borne 50% by BellSouth and 50% by the CLECs.

2. The independent third party auditor shall be selected with input from BellSouth, the PSC, if applicable, and the CLEC(s).

3. BellSouth; the PSC and the CLECs shall jointly determine the scope of the audit.

BellSouth reserves the right to make changes to this audit policy as growth and changes in the industry dictate.

AGREEMENT IMPLEMENTATION TEMPLATE (Residence)

for

KNOLOGY

BellSouth Standard Interconnection Agreement

Agreement Effective Date:			Agreement Expiration Date:	
Account Manager:			Account Manager Tel No:	

Attachment Name/Number	Section Number	Version Date	Planned Activities
Terms/Conditions Part A	1		
	2		
	3		
	4		
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	26		
	27		
Terms/Conditions Part B			

Version 3Q99:10/294/99

AGREEMENT IMPLEMENTATION TEMPLATE (Residence)

for

KNOLOGY

BellSouth Standard Interconnection Agreement

Attachment Name/Number	Section Number	Version Date	Planned Activities
1-Resale	1		
	2		
	3		
	4		
	5		
	6		
	7		
	8		
	9		
	10		
	11		
	12		
	Exhibit A		
	Exhibit B		
	Exhibit C		
	Exhibit D		
	Exhibit E		
	Exhibit F		
2-Network Elements & Other Services	1		
	2		
	3		
	4		
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	10		
	11		
	12		

AGREEMENT IMPLEMENTATION TEMPLATE (Residence)

for

KNOLOGY

BellSouth Standard Interconnection Agreement

Attachment Name/Number	Section Number	Version Date	Planned Activities
	13		
	Exhibit A		
	Exhibit B		
	Exhibit C		
	Exhibit D		
3-Local Interconnection	1		
	2		
	3		
	4		
	5		
	6		
	7		
	Exhibit A		
4 – Vacant			
5-Access to Numbers & Number Portability	1		

AGREEMENT IMPLEMENTATION TEMPLATE (Residence)

for

KNOLOGY

BellSouth Standard Interconnection Agreement

Attachment Name/Number	Section Number	Version Date	Planned Activities
	2		
	3		
	4		
	5		
	6		
	7		
	8		
	9		
	10		
	Exhibit A		
6-Ordering/Provisioning	1		
	2		
	3		
	4		
7-Billing & Billing Accuracy Certification	1		
	2		
	3		
	4		
	5		
	6		
	7		
	Exhibit A		
8 – Vacant			
9-Perf Measurement	Pre-Ordering		
	Ordering		
	Provisioning		
	Maint/Repair		
	Billing		
	Opr Svcs/DA		
	E911		

AGREEMENT IMPLEMENTATION TEMPLATE (Residence)

for

KNOLOGY

BellSouth Standard Interconnection Agreement

Attachment Name/Number	Section Number	Version Date	Planned Activities
	Trunk Grp Perf		
	Collocation		
	Appendix A		
	Appendix B		
	Appendix C		

AGREEMENT IMPLEMENTATION TEMPLATE (Business)

for

KNOLOGY

BellSouth Standard Interconnection Agreement

Agreement Effective Date:		Agreement Expiration Date:	
Account Manager:		Account Manager Tel No:	

Attachment Name	Section No.	Version Date	Planned Activities
Terms/Conditions PartA	1		
	2		
	3		
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	11		
	12		
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	27		
Terms/Conditions Part B			

AGREEMENT IMPLEMENTATION TEMPLATE (Business)
for
KNOLOGY
BellSouth Standard Interconnection Agreement

Attachment Name	Section No.	Version Date	Planned Activities
1-Resale	1		
	2		
	3		
	4		
	5		
	6		
	7		
	8		
	9		
	10		
	11		
	12		
	Exhibit A		
	Exhibit B		
	Exhibit C		
	Exhibit D		
	Exhibit E		
	Exhibit F		
2-Network Elements & Other Services	1		
	2		
	3		
	4		
	5		
	6		
	7		
	8		
	9		
	10		
	11		
	12		

AGREEMENT IMPLEMENTATION TEMPLATE (Business)

for

KNOLOGY

BellSouth Standard Interconnection Agreement

Attachment Name	Section No.	Version Date	Planned Activities
	13		
	Exhibit A		
	Exhibit B		
	Exhibit C		
	Exhibit D		
3-Local Interconnection	1		
	2		
	3		
	4		
	5		
	6		
	7		
4 – Vacant	Exhibit A		
5-Access to Numbers & Number Portability	1		

AGREEMENT IMPLEMENTATION TEMPLATE (Business)

for

KNOLOGY

BellSouth Standard Interconnection Agreement

Attachment Name	Section No.	Version Date	Planned Activities
	2		
	3		
	4		
	5		
	6		
	7		
	8		
	9		
	10		
	Exhibit A		
6-Ordering/Provisioning	1		
	2		
	3		
	4		
7-Billing & Billing Accuracy Certification	1		
	2		
	3		
	4		
	5		
	6		
	7		
	Exhibit A		
8 – Vacant			
9-Perf Measurement	Pre-Ordering		
	Ordering		
	Provisioning		
	Maint/Repair		
	Billing		
	Opr Svcs/DA		
	E911		

AGREEMENT IMPLEMENTATION TEMPLATE (Business)

for

KNOLOGY

BellSouth Standard Interconnection Agreement

Attachment Name	Section No.	Version Date	Planned Activities
	Trunk Grp Perf		
	Collocation		
	Appendix A		
	Appendix B		
	Appendix C		

**Attachment 11
BellSouth Disaster Recovery Plan**

2000
BELLSOUTH

DISASTER RECOVERY PLANNING

For

CLECS

CONTENTS   PAGE

1.0 PURPOSE

In the unlikely event of a disaster occurring that affects BellSouth's long-term ability to deliver traffic to a Competitive Local Exchange Carrier (CLEC), general procedures have been developed to hasten the recovery process. Since each location is different and could be affected by an assortment of potential problems, a detailed recovery plan is impractical. However, in the process of reviewing recovery activities for specific locations, some basic procedures emerge that appear to be common in most cases.

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

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

2.0 SINGLE POINT OF CONTACT

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

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

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

3.0 IDENTIFYING THE PROBLEM

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

Once the nature of the disaster is determined and after verifying the cause of the problem, the NMC will initiate reroutes and/or transfers that are jointly agreed upon by the affected CLECs' Network Management Center and the BellSouth NMC. The type and percentage of controls used will depend upon available network capacity. Controls necessary to stabilize the situation will be invoked and the NMC will attempt to re-establish as much traffic as possible.

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

3.1   SITE CONTROL

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

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

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

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

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

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

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

3.2   ENVIRONMENTAL CONCERNS

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

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

1. Emergency engine fuel supply. Damage to the standby equipment and the fuel handling equipment could have created "spill" conditions that have to be handled within state and federal regulations.

2. Asbestos containing materials that may be spread throughout the wreckage. Asbestos could be in many components of building, electrical, mechanical, outside plant distribution, and telephone systems.

3. Lead and acid. These materials could be present in potentially large quantities depending upon the extent of damage to the power room.

4. Mercury and other regulated compounds resident in telephone equipment.

5. Other compounds produced by the fire or heat.

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

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

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

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

4.0 THE EMERGENCY CONTROL CENTER (ECC)

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

In the past, the ECC has been involve with restoration activities resulting from hurricanes, ice storms and floods. They have demonstrated their capabilities during these calamities as well as

during outages caused by human error or equipment failures. This group has an excellent record of restoring service as quickly as possible.

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

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

5.0 RECOVERY PROCEDURES

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

5.1 CLEC OUTAGE

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

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

5.2 BELLSOUTH OUTAGE

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

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

The NMC would be the first group to observe a problem involving BellSouth's equipment. Shortly after a disaster, the NMC will begin applying controls and finding re-routes for the

completion of as much traffic as possible. These reroutes may involve delivering traffic to alternate Carriers upon receiving approval from the CLECs involved. In some cases, changes in translations will be required. If the outage is caused by the destruction of equipment, then the ECC will assume control of the restoration.

5.2.1 Loss of a Central Office

When BellSouth loses a Central Office, the ECC will

      a) Place specialists and emergency equipment on notice;

      b) Inventory the damage to determine what equipment and/or functions are lost;

      c) Move containerized emergency equipment and facility equipment to the stricken area, if necessary;

      d) Begin reconnecting service for Hospitals, Police and other emergency agencies; and

      e) Begin restoring service to CLECs and other customers.

5.2.2 Loss of a Central Office with Serving Wire Center Functions

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

5.2.3 Loss of a Central Office with Tandem Functions

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

      a) Place specialists and emergency equipment on notice;

      b) Inventory the damage to determine what equipment and/or functions are lost;

      c) Move containerized emergency equipment and facility equipment to the stricken area, if necessary;

      d) Begin reconnecting service for Hospitals, Police and other emergency agencies;

      e) Re-direct as much traffic as possible to the alternate access tandem (if available) for delivery to those CLECs utilizing a different location as a SWC;

      f) Begin aggregating traffic to a location near the damaged building. From this location, begin re-establishing trunk groups to the CLECs for the delivery of traffic normally found on the direct trunk groups. (This aggregation point may be the alternate access tandem location or another CO on a primary facility route.)

      g) Begin restoring service to CLECs and other customers.

5.2.4 Loss of a Facility Hub

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

    a) Placing specialists and emergency equipment on notice;

    b) Inventorying the damage to determine what equipment and/or functions are lost;

    c) Moving containerized emergency equipment to the stricken area, if necessary;

    d) Reconnecting service for Hospitals, Police and other emergency agencies; and

    e) Restoring service to CLECs and other customers. If necessary, BellSouth will aggregate the traffic at another location and build temporary facilities. This alternative would be viable for a location that is destroyed and building repairs are required.

5.3 COMBINED OUTAGE (CLEC AND BELLSOUTH EQUIPMENT)

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

6.0 T1 IDENTIFICATION PROCEDURES

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

7.0 ACRONYMS

CO   -   Central Office (BellSouth)

DS3   -   Facility that carries 28 T1s (672 circuits)

ECC   -   Emergency Control Center (BellSouth)

CLEC   -   Competitive Local Exchange Carrier

NMC   -   Network Management Center

SWC   -   Serving Wire Center (BellSouth switch)

T1   -   Facility that carries 24 circuits

Hurricane Information

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

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

BST Disaster Management Plan

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