

## **BellSouth / CLEC Agreement**

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**EXECUTIVE SUMMARY**  
**of**  
**(ECI)**  
**BellSouth Standard Interconnection Agreement**

<b>Agreement Effective Date: April 27, 2000</b>	<b>Agreement Expiration Date: April 26, 2002</b>
<b>OCN:</b>	<b>GAC:</b>
<b>CIC (if applicable):</b>	<b>ACNA:</b>
<b>Negotiator: Pat Finlen</b>	<b>Negotiator Tel No: 404/927-8389</b>
<b>Location of Executive Summary: t:\hendrix\finlen\ernest</b>	<b>Location of Interconnection Agreement: t:\hendrix\finlen\ernest</b>

<b>Attachment Name/Number</b>	<b>Section Number</b>	<b>Version Date</b>	<b>No Deviation</b>	<b>Deviation</b>	<b>Deviation Affect Compliance Y/N</b>	<b>If Compliance Item, Priority H/M/L</b>	<b>If Deviation, enter Paragraph No. And Brief Description of Deviation. If different by state, note here also.</b>
Terms/Conditions PartA	1	2/29/00	X				
	2	2/29/00	X				
	3	2/29/00	X				
	4	2/29/00	X				
	5	2/29/00	X				
	6	2/29/00	X				
	7	2/29/00	X				
	8	2/29/00	X				
	9	2/29/00	X				
	10	2/29/00	X				
	11	2/29/00	X				
	12	2/29/00	X				
	13	2/29/00	X				
	14	2/29/00	X				
	15	2/29/00	X				
	16	2/29/00	X				
	17	2/29/00	X				
	18	2/29/00	X				

Version1Q00

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	19	2/29/00	X				
	20	2/29/00	X				
	21	2/29/00	X				
	22	2/29/00	X				
	23	2/29/00	X				
	24	2/29/00	X				
	25	2/29/00	X				
	26	2/29/00	X				
Terms/Conditions Part B		2/29/00	X				
1-Resale	1	2/29/00	X				
	2	2/29/00	X				
	3	2/29/00	X				
	4	2/29/00	X				
	5	2/29/00	X				
	6	2/29/00	X				
	7	2/29/00	X				
	8	2/29/00	X				
	9	2/29/00	X				
	10	2/29/00	X				
	11	2/29/00	X				
	12	2/29/00	X				
			X				
	Exhibit A	2/29/00	X				
	Exhibit B	2/29/00	X				
	Exhibit C	2/29/00	X				
	Exhibit D	2/29/00	X				
	Exhibit E	2/29/00	X				

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	Exhibit F	2/29/00	X				
	Exhibit G	2/29/00	X				
		2/29/00	X				
2-Network Elements & Other Services	1	2/29/00	X				
	2	2/29/00	X				
	3	2/29/00	X				
	4	2/29/00	X				
	5	2/29/00	X				
	6	2/29/00	X				
	7	2/29/00	X				
	8	2/29/00	X				
	9	2/29/00	X				
	10	2/29/00	X				
	11	2/29/00	X				
	12	2/29/00	X				
	13	2/29/00	X				
	Exhibit A	2/29/00	X				
	Exhibit B	2/29/00	X				
	Exhibit C	2/29/00	X				
3-Local Interconnection	1	2/29/00	X				
	2	2/29/00	X				
	3	2/29/00	X				
	4	2/29/00	X				
	5	2/29/00	X				
	6	2/29/00	X				
	7	2/29/00	X				

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	8	2/29/00	X				
	Exhibit A	2/29/00	X				
	Exhibit B	2/29/00	X				
	Exhibit C	2/29/00	X				
	Exhibit D	2/29/00	X				
	Exhibit E	2/29/00	X				
		2/29/00	X				
4-Physical Collocation	1	2/29/00	X				
	2	2/29/00	X				
	3	2/29/00	X				
	4	2/29/00	X				
	5	2/29/00	X				
	6	2/29/00	X				
	7	2/29/00	X				
	8	2/29/00	X				
	9	2/29/00	X				
	10	2/29/00	X				
	11	2/29/00	X				
	12	2/29/00	X				
	13	2/29/00	X				
	14	2/29/00	X				
	Exhibit A	2/29/00	X				
	Exhibit B	2/29/00	X				
5-Access to Numbers & Number Portability	1	2/29/00	X				
	2	2/29/00	X				
	3	10/29/99	X				

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	4	10/29/99	X				
	5	10/29/99	X				
	6	10/29/99	X				
	7	10/29/99	X				
	Exhibit A	10/29/99	X				
6-Ordering/Provisioning	1	10/29/99	X				
	2	10/29/99	X				
	3	10/29/99	X				
7-Billing & Billing Accuracy Certification	1	10/29/99	X				
	2	10/29/99	X				
	3	10/29/99	X				
	4	10/29/99	X				
	5	10/29/99	X				
	6	10/29/99	X				
	7	10/29/99	X				
	Exhibit A	10/29/99	X				
8-ROW/Conduits/PoleAtt	1	10/29/99	X				
9-Perf Measurement	Scope	10/29/99	X				
	Reporting	10/29/99	X				
	Modifications to Measurements	10/29/99	X				
	Enforcement Mechanisms	10/29/99	X				
	Appendix A	10/29/99	X				
	Appendix B	10/29/99	X				

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	Appendix C	10/29/99	X				
	Appendix D	10/29/99	X				
	Appendix E	2/29/00	X				
Attachment 10 – Agreement Template		2/29/00	X				
Attachment 11- BellSouth Disaster Recovery Plan		2/29/00	X				
			X				
			X				
			X				

**AGREEMENT  
BETWEEN  
BELLSOUTH TELECOMMUNICATIONS INC.  
AND  
ERNEST COMMUNICATIONS, INC.**



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## **AGREEMENT**

**THIS AGREEMENT** is made by and between BellSouth Telecommunications, Inc., (“BellSouth”), a Georgia corporation, and Ernest Communications, Inc. (“ECI”) a Georgia corporation, and shall be deemed effective as of 0427/2000. This Agreement may refer to either BellSouth or ECI 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, ECI is or seeks to become an alternative local exchange telecommunications company (“CLEC”) authorized to provide telecommunications services in the states of Alabama, Florida, Georgia, Kentucky, Louisiana, Mississippi, North Carolina, South Carolina, and 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 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 ECI 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 ECI to provide competing telephone exchange service to residential and business subscribers within the territory of BellSouth. The Parties agree that ECI 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 years, beginning April 27, 2000 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 and/or local interconnection to be effective beginning on the expiration date of this Agreement ("Subsequent Agreement").
- 2.3 If, within one hundred and thirty-five (135) days of commencing the negotiation referred to in Section 2.2 above, the Parties are unable to satisfactorily negotiate new resale and/or local interconnection terms, conditions and prices, either Party may petition the Commission to establish appropriate local interconnection 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 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 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.
- 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 no arbitration proceeding has been filed in accordance with Section 2.3 above, or 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 notice to the other Party. In the event that BellSouth terminates this Agreement as provided above, BellSouth shall continue to offer services to ECI pursuant to the terms, conditions and rates set forth in BellSouth's Statement of Generally Available Terms (SGAT) to the extent an SGAT has been approved by the applicable Commission(s). If any state Commission has not approved a BellSouth SGAT, then upon BellSouth's termination of this Agreement as provided herein, BellSouth will continue to provide services to ECI

pursuant to BellSouth's then current standard interconnection agreement. In the event that the SGAT or BellSouth's standard interconnection agreement becomes effective as between the Parties, the Parties may continue to negotiate a Subsequent Agreement, and the terms of such Subsequent Agreement shall be effective retroactive to the day following expiration of this Agreement.

### **3. Ordering Procedures**

- 3.1 ECI 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 Local Interconnection and Facility Based Ordering Guide and Resale Ordering Guide, as appropriate for the services ordered.
- 3.3 ECI shall pay charges for Operational Support Systems (OSS) as set forth in this Agreement in Attachment 1 and/or in Attachment 2, 3, 5 and 7 as applicable.

### **4. Parity**

When ECI purchases, pursuant to Attachment 1 of this Agreement, telecommunications services from BellSouth for the purposes of resale to end users, BellSouth shall provide said services so that the services are equal in quality, subject to the same conditions, and provided within the same provisioning time intervals that BellSouth provides to its affiliates, subsidiaries and end users. To the extent technically feasible, the quality of a Network Element, as well as the quality of the access to such Network Element provided by BellSouth to ECI shall be at least equal in quality to that which BellSouth provides to itself. The quality of the interconnection between the networks of BellSouth and the network of ECI 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 ECI.

### **5. White Pages Listings**

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

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

- 5.2        Rates. BellSouth and ECI will provide to each other subscriber primary listing information in the White Pages for a non-recurring charge.
- 5.3        Procedures for Submitting ECI Subscriber Information are found in BellSouth's Ordering Guide for manually processed listings and in the Local Exchange Ordering Guide for mechanically submitted listings.
- 5.3.1      Notwithstanding any provision(s) to the contrary, ECI agrees to provide to BellSouth, and BellSouth agrees to accept, ECI's Subscriber Listing Information (SLI) relating to ECI's customers in the geographic area(s) covered by this Interconnection Agreement. ECI authorizes BellSouth to release all such ECI SLI provided to BellSouth by ECI to qualifying third parties via either license agreement or BellSouth's Directory Publishers Database Service (DPDS), General Subscriber Services Tariff, Section A38.2, as the same may be amended from time to time. Such CLEC SLI shall be intermingled with BellSouth's own customer listings of any other CLEC that has authorized a similar release of SLI. Where necessary, BellSouth will use good faith efforts to obtain state commission approval of any necessary modifications to Section A38.2 of its tariff to provide for release of third party directory listings, including modifications regarding listings to be released pursuant to such tariff and BellSouth's liability thereunder. BellSouth's obligation pursuant to this Section shall not arise in any particular state until the commission of such state has approved modifications to such tariff.
- 5.3.2      No compensation shall be paid to ECI for BellSouth's receipt of ECI SLI, or for the subsequent release to third parties of such SLI. In addition, to the extent BellSouth incurs costs on an ongoing basis to administer the release of ECI SLI, ECI shall pay to BellSouth its proportionate share of the reasonable costs associated therewith.
- 5.3.3      BellSouth shall not be liable for the content or accuracy of any SLI provided by ECI under this Agreement. ECI shall indemnify, hold harmless and defend BellSouth from and against any damages, losses, liabilities, demands claims, suits, judgments, costs and expenses (including but not limited to reasonable attorneys' fees and expenses) arising from BellSouth's tariff obligations or otherwise and resulting from or arising out of any third party's claim of inaccurate ECI listings or use of the SLI provided pursuant to this Agreement. BellSouth shall forward to ECI any complaints received by BellSouth relating to the accuracy or quality of ECI listings.
- 5.3.4      Listings and subsequent updates will be released consistent with BellSouth system changes and/or update scheduling requirements.
- 5.4        Unlisted/Non-Published Subscribers. ECI will be required to provide to BellSouth the names, addresses and telephone numbers of all ECI customers that wish to be omitted from directories.

- 5.5 Inclusion of ECI Customers in Directory Assistance Database. BellSouth will include and maintain ECI subscriber listings in BellSouth's Directory Assistance databases at no recurring charge and ECI shall provide such Directory Assistance listings at no recurring charge. BellSouth and ECI will formulate appropriate procedures regarding lead-time, timeliness, format and content of listing information.
- 5.6 Listing Information Confidentiality. BellSouth will accord ECI's directory listing information the same level of confidentiality that BellSouth accords its own directory listing information, and BellSouth shall limit access to ECI's customer proprietary confidential directory information to those BellSouth employees who are involved in the preparation of listings.
- 5.7 Optional Listings. Additional listings and optional listings will be offered by BellSouth at tariffed rates as set forth in the General Subscriber Services Tariff.
- 5.8 Delivery. BellSouth or its agent shall deliver White Pages directories to ECI subscribers at no charge or as specified in a separate BAPCO agreement.

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

If ECI is a facilities based provider or a facilities based and resale provider, this section shall apply. BellSouth shall, upon request of ECI, provide to ECI access to its network elements at any technically feasible point for the provision of ECI's telecommunications service where such access is necessary and failure to provide access would impair the ability of ECI to provide services that it seeks to offer. Any request by ECI for access to a network element, interconnection option, or for the provisioning of any service or product that is not already available shall be treated as a Bona Fide Request/New Business Request, and shall be submitted to BellSouth pursuant to the Bona Fide Request/New Business Request process set forth following.

- 6.1 A Bona Fide Request/New Business Request shall be submitted in writing to ECI's Account Manager by ECI 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 ECI's designation of the request as being (i) pursuant to the Telecommunications Act of 1996 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 call detail records for ECI end users for limited time periods and can respond to subpoenas and court ordered

requests for this information. BellSouth shall maintain such information for ECI end users for the same length of time it maintains such information for its own end users.

- 7.2 ECI agrees that BellSouth will 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 ECI end users. Billing for such requests will be generated by BellSouth and directed to the law enforcement agency initiating the request.
- 7.3 Where BellSouth is providing to ECI telecommunications services for resale or providing to ECI the local switching function, then ECI agrees that in those cases where ECI receives subpoenas or court ordered requests regarding targeted telephone numbers belonging to ECI end users, if ECI does not have the requested information, ECI will advise the law enforcement agency initiating the request to redirect the subpoena or court ordered request to BellSouth. Where the request has been forwarded 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 all other instances, ECI will provide ECI end user and/or other customer information that is available to ECI in response to subpoenas and court orders for their own customer records. When BellSouth receives subpoenas or court ordered requests regarding targeted telephone numbers belonging to ECI end users, BellSouth will advise the law enforcement agency initiating the request to redirect the subpoena or court ordered request to ECI.

## **8. Liability and Indemnification**

- 8.1 BellSouth Liability. BellSouth shall take financial responsibility for its own actions in causing, or its lack of action in preventing, unbillable or uncollectible ECI revenues.
- 8.2 ECI Liability. In the event that ECI consists of two (2) or more separate entities as set forth in the preamble to this Agreement, all such entities shall be jointly and severally liable for the obligations of ECI under this Agreement.
- 8.3 Liability for Acts or Omissions of Third Parties. Neither BellSouth nor ECI shall be liable for any act or omission of another telecommunications company providing a portion of the services provided under this Agreement.
- 8.4 Limitation of Liability.
- 8.4.1 Each Party's liability to the other for any loss, cost, claim, injury or liability or expense, including reasonable attorney's fees relating to or arising out of any negligent act or omission in its performance of this Agreement whether in contract

or in tort, shall be limited to a credit for the actual cost of the services or functions not performed or improperly performed.

- 8.4.2 Limitations in Tariffs. A Party may, in its sole discretion, provide in its tariffs and contracts with its Customer and third parties that relate to any service, product or function provided or contemplated under this Agreement, that to the maximum extent permitted by Applicable Law, such Party shall not be liable to Customer or third Party for (i) any Loss relating to or arising out of this Agreement, whether in contract, tort or otherwise, that exceeds the amount such Party would have charged that applicable person for the service, product or function that gave rise to such Loss and (ii) Consequential Damages. To the extent that a Party elects not to place in its tariffs or contracts such limitations of liability, and the other Party incurs a Loss as a result thereof, such Party shall indemnify and reimburse the other Party for that portion of the Loss that would have been limited had the first Party included in its tariffs and contracts the limitations of liability that such other Party included in its own tariffs at the time of such Loss.
- 8.4.3 Neither BellSouth nor ECI shall be liable for damages to the other's terminal location, POI or other company's customers' premises resulting from the furnishing of a service, including, but not limited to, the installation and removal of equipment or associated wiring, except to the extent caused by a company's negligence or willful misconduct or by a company's failure to properly ground a local loop after disconnection.
- 8.4.4 Under no circumstance shall a Party be responsible or liable for indirect, incidental, or consequential damages, including, but not limited to, economic loss or lost business or profits, damages arising from the use or performance of equipment or software, or the loss of use of software or equipment, or accessories attached thereto, delay, error, or loss of data. In connection with this limitation of liability, each Party recognizes that the other Party may, from time to time, provide advice, make recommendations, or supply other analyses related to the Services, or facilities described in this Agreement, and, while each Party shall use diligent efforts in this regard, the Parties acknowledge and agree that this limitation of liability shall apply to provision of such advice, recommendations, and analyses.
- 8.5 Indemnification for Certain Claims. The Party providing services hereunder, its affiliates and its parent company, shall be indemnified, defended and held harmless by the Party receiving services hereunder against any claim, loss or damage arising from the receiving company's use of the services provided under this Agreement pertaining to (1) claims for libel, slander or invasion of privacy arising from the content of the receiving company's own communications, or (2) any claim, loss or damage claimed by the customer of the Party receiving services arising from such company's use or reliance on the providing company's services, actions, duties, or obligations arising out of this Agreement.



- 8.6 Disclaimer. EXCEPT AS SPECIFICALLY PROVIDED TO THE CONTRARY IN THIS AGREEMENT, NEITHER PARTY MAKES ANY REPRESENTATIONS OR WARRANTIES TO THE OTHER PARTY CONCERNING THE SPECIFIC QUALITY OF ANY SERVICES, OR FACILITIES PROVIDED UNDER THIS AGREEMENT. THE PARTIES DISCLAIM, WITHOUT LIMITATION, ANY WARRANTY OR GUARANTEE OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ARISING FROM COURSE OF PERFORMANCE, COURSE OF DEALING, OR FROM USAGES OF TRADE.

**9. Intellectual Property Rights and Indemnification**

- 9.1 No License. No patent, copyright, trademark or other proprietary right is licensed, granted or otherwise transferred by this Agreement. ECI is strictly prohibited from any use, including but not limited to in sales, in marketing or advertising of telecommunications services, of any BellSouth name, service mark or trademark.
- 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 a limited license to use patents or copyrights to the extent necessary for the Parties to use any facilities or equipment (including software) or to receive any service solely as provided under this Agreement, no license in patent, copyright, trademark or trade secret, or other proprietary or intellectual property right now or hereafter owned, controlled or licensable by a Party, is granted to the other Party or shall be implied or arise by estoppel. It is the responsibility of each Party to ensure at no additional cost to the other Party that it has obtained any necessary licenses in relation to intellectual property of third Parties used in its network that may be required to enable the other Party to use any facilities or equipment (including software), to receive any service, or to perform its respective obligations under this Agreement.
- 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, terminate, upon reasonable notice, this contract with respect to use of, or services provided through use of, the affected facilities or equipment (including software), but solely to the extent required to avoid the infringement claim.
- 9.5 Exception to Obligations. Neither Party's obligations under this Section shall apply to the extent the infringement is caused by: (i) modification of the facilities or equipment (including software) by the indemnitee; (ii) use by the indemnitee of the facilities or equipment (including software) in combination with equipment or facilities (including software) not provided or authorized by the indemnitor provided the facilities or equipment (including software) would not be infringing if used alone; (iii) conformance to specifications of the indemnitee which would necessarily result in infringement; or (iv) continued use by the indemnitee of the affected facilities or equipment (including software) after being placed on notice to discontinue use as set forth herein.
- 9.6 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 out of the conduct of business under this Agreement.

## **10. Proprietary and Confidential Information**

- 10.1 Proprietary and Confidential Information: Defined. It may be necessary for BellSouth and ECI, 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 for 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 provide 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 assignment by either Party to any non-affiliated entity of any right, obligation or duty, or of any other interest hereunder, in whole or in part, without the prior written consent of the other Party shall be void. A Party may assign this Agreement or any right, obligation, duty or other interest hereunder to an Affiliate company of the 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 may petition the Commission for a resolution of the dispute. 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 include but not limited to federal, state or local sales, use, excise, gross receipts or other taxes or tax-like fees of whatever nature and however designated (including tariff surcharges and any fees, charges or other payments, contractual or otherwise, for the use of public streets or rights of way, whether designated as franchise fees or otherwise) imposed, or sought to be imposed, on or with respect to the services furnished hereunder or measured by the charges or payments therefore, excluding any taxes levied on income.

13.2 Taxes and Fees Imposed Directly On Either Providing Party or Purchasing Party.

13.2.1 Taxes and fees imposed on the providing Party, which are not permitted or required to be passed on by the providing Party to its customer, shall be borne and paid by the providing Party.

13.2.2 Taxes and fees imposed on the purchasing Party, which are not required to be collected and/or remitted by the providing Party, shall be borne and paid by the purchasing Party.

13.3 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 therefor, and satisfying any other requirements under applicable law. If any authority seeks to collect any such tax or fee that the purchasing Party has determined and certified not to be payable, or any such tax or fee that was not billed by the providing Party, the purchasing Party may contest the same in good faith, at its own expense. In any such contest, the purchasing Party shall promptly furnish the providing Party with copies of all filings in any proceeding, protest, or legal challenge, all rulings issued in connection therewith, and all correspondence between the purchasing Party and the taxing authority.

13.3.4 In the event that all or any portion of an amount sought to be collected must be paid in order to contest the imposition of any such tax or fee, or to avoid the existence of a lien on the assets of the providing Party during the pendency of such contest, the purchasing Party shall be responsible for such payment and shall be entitled to the benefit of any refund or recovery.

13.3.5 If it is ultimately determined that any additional amount of such a tax or fee is due to the imposing authority, the purchasing Party shall pay such additional amount, including any interest and penalties thereon.

- 13.3.6 Notwithstanding any provision to the contrary, the purchasing Party shall protect, indemnify and hold harmless (and defend at the purchasing Party's expense) the providing Party from and against any such tax or fee, interest or penalties thereon, or other charges or payable expenses (including reasonable attorney fees) with respect thereto, which are incurred by the providing Party in connection with any claim for or contest of any such tax or fee.
- 13.3.7 Each Party shall notify the other Party in writing of any assessment, proposed assessment or other claim for any additional amount of such a tax or fee by a taxing authority; such notice to be provided, if possible, at least ten (10) days prior to the date by which a response, protest or other appeal must be filed, but in no event later than thirty (30) days after receipt of such assessment, proposed assessment or claim.
- 13.4 Taxes and Fees Imposed on Providing Party But Passed On To Purchasing Party.
- 13.4.1 Taxes and fees imposed on the providing Party, which are permitted or required to be passed on by the providing Party to its customer, shall be borne by the purchasing Party.
- 13.4.2 To the extent permitted by applicable law, any such taxes and/or fees shall be shown as separate items on applicable billing documents between the Parties. Notwithstanding the foregoing, the purchasing Party shall remain liable for any such taxes and fees regardless of whether they are actually billed by the providing Party at the time that the respective service is billed.
- 13.4.3 If the purchasing Party disagrees with the providing Party's determination as to the application or basis for any such tax or fee, the Parties shall consult with respect to the imposition and billing of such tax or fee. Notwithstanding the foregoing, the providing Party shall retain ultimate responsibility for determining whether and to what extent any such taxes or fees are applicable, and the purchasing Party shall abide by such determination and pay such taxes or fees to the providing Party. The providing Party shall further retain ultimate responsibility for determining whether and how to contest the imposition of such taxes and fees; provided, however, that any such contest undertaken at the request of the purchasing Party shall be at the purchasing Party's expense.
- 13.4.4 In the event that all or any portion of an amount sought to be collected must be paid in order to contest the imposition of any such tax or fee, or to avoid the existence of a lien on the assets of the providing Party during the pendency of such contest, the purchasing Party shall be responsible for such payment and shall be entitled to the benefit of any refund or recovery.
- 13.4.5 If it is ultimately determined that any additional amount of such a tax or fee is due to the imposing authority, the purchasing Party shall pay such additional amount, including any interest and penalties thereon.

- 13.4.6 Notwithstanding any provision to the contrary, the purchasing Party shall protect indemnify and hold harmless (and defend at the purchasing Party's expense) the providing Party from and against any such tax or fee, interest or penalties thereon, or other reasonable charges or payable expenses (including reasonable attorney fees) with respect thereto, which are incurred by the providing Party in connection with any claim for or contest of any such tax or fee.
- 13.4.7 Each Party shall notify the other Party in writing of any assessment, proposed assessment or other claim for any additional amount of such a tax or fee by a taxing authority; such notice to be provided, if possible, at least ten (10) days prior to the date by which a response, protest or other appeal must be filed, but in no event later than thirty (30) days after receipt of such assessment, proposed assessment or claim.
- 13.5 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, changes requested by Customer, or any other circumstances beyond the reasonable control and without the fault or negligence of the Party affected, the Party affected, upon giving prompt notice to the other Party, shall be excused from such performance on a day-to-day basis to the extent of such prevention, restriction, or interference (and the other Party shall likewise be excused from performance of its obligations on a day-to-day basis until the delay, restriction or interference has ceased); provided however, that the Party so affected shall use diligent efforts to avoid or remove such causes of non-performance and both Parties shall proceed whenever such causes are removed or cease.

#### **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 multcentury 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 and the FCC rules and regulations regarding such availability, to ECI any interconnection, service, or network element provided under any other agreement filed and approved pursuant to 47 USC § 252. The Parties shall adopt all rates, terms and conditions concerning such other interconnection, service or network element and any other rates, terms and conditions that are interrelated or were negotiated in exchange for or in conjunction with the interconnection, service or network element being adopted. The adopted interconnection, service, or network element and agreement shall apply to the same states as such other agreement and for the identical term of such other agreement.
- 16.2 If ECI 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 ECI to notify BellSouth of said change and request that an amendment to this Agreement, if necessary, be executed 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 infer that the executing Party agrees with any decision(s) issued pursuant to the Telecommunications Act of 1996 and the consequences of those decisions on specific language in this Agreement. Neither Party waives its rights to appeal or otherwise challenge any such decision(s) and each Party reserves all of its rights to pursue any and all legal and/or equitable remedies, including appeals of any such decision(s).
- 16.5 In the event that any effective legislative, regulatory, judicial or other legal action materially affects any material terms of this Agreement, or the ability of ECI or BellSouth to perform any material terms of this Agreement, ECI 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.



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

**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. Arm's Length Negotiations**

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.

**20. Notices**

- 20.1 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  
9<sup>th</sup> Floor  
600 North 19<sup>th</sup> Street  
Birmingham, Alabama 35203

and

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

**Ernest Communications, Inc.**

Paul Masters  
Suite 300  
6475 Jimmy Carter Blvd.  
Norcross, GA 30071

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

20.2 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.

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

**21. Rule of Construction**

No rule of construction requiring interpretation against the drafting Party hereof shall apply in the interpretation of this Agreement.

**22. Headings of No Force or Effect**

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

**23. Multiple Counterparts**

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

**24. Implementation of Agreement**

If ECI 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.

**25. Filing of Agreement**

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

**26. Entire Agreement**

This Agreement and its Attachments, incorporated herein by this reference, sets forth the entire understanding and supersedes prior Agreements between the Parties relating to the subject matter contained herein and merges all prior discussions between them, 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.

**This Agreement may include attachments with provisions for the following services:**

Network Elements and Other Services  
Local Interconnection  
Resale  
Collocation

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

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

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

**BellSouth Telecommunications, Inc.**

\_\_\_\_ Signature on file \_\_\_\_\_  
Signature

\_\_\_\_ Jerry D. Hendrix \_\_\_\_\_  
Name

Sr. Director – Interconnection Services  
Title

\_\_\_\_ April 27, 2000 \_\_\_\_\_  
Date

**Ernest Communications, Inc.**

\_\_\_\_ Signature on file \_\_\_\_\_  
Signature

\_\_\_\_\_  
Name

\_\_\_\_\_  
Title

\_\_\_\_ April 24, 2000 \_\_\_\_\_  
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.

**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 ECI; a CLEC other than ECI or another telecommunications carrier through the network of BellSouth or ECI to an end user of ECI; a CLEC other than ECI 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 telephone call that originates in one exchange and terminates in either the same exchange, or other local calling area associated with the originating exchange as defined and specified in Section A3 of BellSouth's General Subscriber Service Tariff. As clarification of this definition and for reciprocal transport and termination compensation, Local Traffic does not include traffic that originates from or is directed to or through an enhanced service provider or information service provider. As further clarification, Local Traffic does not include calls that do not transmit information of the user's choosing. In any event, neither Party will 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.

**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 may include, but is not limited to, 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 the Network Elements, unbundled loops; network interface device; sub-loop elements; local switching; transport; tandem switching; operator systems; signaling; access to call-related databases; dark fiber 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.

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

## **Attachment 1**

### **Resale**



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## **RESALE**

### **1. Discount Rates**

The discount rates applied to CLEC-1 purchases of BellSouth Telecommunications Services for the purpose of resale shall be as set forth in Exhibit A. Such discount shall 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 public service commissions of BellSouth's franchised area 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 services.
- 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 CLEC-1 subscribes to the telecommunications services of BellSouth and then offers those telecommunications services to the public

- 2.8 RESALE SERVICE AREA means the area, as defined in a public service commission approved certificate of operation, within which a CLEC, such as CLEC-1, may offer resold local exchange telecommunications service.

### **3. General Provisions**

- 3.1 CLEC-1 may resell the tariffed local exchange and toll telecommunications services of BellSouth contained in the General Subscriber Service Tariff and Private Line Service Tariff subject to the terms, and conditions specifically set forth herein. Notwithstanding the foregoing, the exclusions and limitations on services available for resale will be as set forth in Exhibit B, attached hereto and incorporated herein by this reference.
- 3.2 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. BellSouth shall make available telecommunications services for resale at the discount rates set forth in Exhibit A to this Agreement and subject to the exclusions and limitations set forth in Exhibit B to this Agreement. BellSouth does not however waive its rights to appeal or otherwise challenge any decision regarding resale that resulted in the discount rates contained in Exhibit A or the exclusions and limitations contained in Exhibit B. BellSouth reserves the right to pursue any and all legal and/or equitable remedies, including appeals of any decisions. If such appeals or challenges result in changes in the discount rates or exclusions and limitations, the parties agree that appropriate modifications to this Agreement will be made promptly to make its terms consistent with the outcome of the appeal.
- 3.3 CLEC-1 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:
- 3.3.1 CLEC-1 must resell services to other end users.
- 3.3.2 CLEC-1 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.
- 3.3.3 CLEC-1 cannot be a competitive local exchange telecommunications company for the single purpose of selling to themselves.
- 3.4 The provision of services by BellSouth to CLEC-1 does not constitute a joint undertaking for the furnishing of any service.

- 3.5 CLEC-1 will be the customer of record for all services purchased from BellSouth. Except as specified herein, BellSouth will take orders from, bill and expect payment from CLEC-1 for said services.
- 3.6 CLEC-1 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.
- 3.7 BellSouth will continue to bill the end user for any services that the end user specifies it wishes to receive directly from BellSouth.
- 3.8 BellSouth maintains the right to serve directly any end user within the service area of CLEC-1. BellSouth will continue to directly market its own telecommunications products and services and in doing so may establish independent relationships with end users of CLEC-1.
- 3.9 Neither Party shall interfere with the right of any person or entity to obtain service directly from the other Party.
- 3.10 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.
- 3.11 For the purpose of the resale of BellSouth's telecommunications services by CLEC-1, BellSouth will provide CLEC-1 with an on line access to telephone numbers for reservation on a first come first serve basis. Such reservations of telephone numbers, on a pre-ordering basis shall be for a period of nine (9) days. CLEC-1 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 CLEC-1 cancel its reservations of numbers. CLEC-1 shall comply with such request.
- 3.12 Further, upon CLEC-1's request, and for the purpose of the resale of BellSouth's telecommunications services by CLEC-1, BellSouth will reserve up to 100 telephone numbers per CLLIC, for CLEC-1's sole use. Such telephone number 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 of CLEC-1's reasonable need in that particular CLLIC.
- 3.13 Service is furnished subject to the condition that it will not be used for any unlawful purpose.
  - 3.14 Service will be discontinued if any law enforcement agency advises that the service being used is in violation of the law.
  - 3.15 BellSouth can refuse service when it has grounds to believe that service will be used in violation of the law.
  - 3.16 BellSouth accepts no responsibility to any person for any unlawful act committed by CLEC-1 or its end users as part of providing service to CLEC-1 for purposes of resale or otherwise.
  - 3.17 BellSouth will cooperate fully with law enforcement agencies with subpoenas and court orders for assistance with BellSouth's end users, pursuant to Section 7 of the General Terms and Conditions
  - 3.18 The characteristics and methods of operation of any circuits, facilities or equipment provided by any person or entity other than BellSouth shall not:
    - 3.18.1 Interfere with or impair service over any facilities of BellSouth, its affiliates, or its connecting and concurring carriers involved in its service; or
    - 3.18.2 Cause damage to BellSouth's plant;
    - 3.18.3 Impair the privacy of any communications; or
    - 3.18.4 Create hazards to any BellSouth employees or the public.
  - 3.19 If CLEC-1 utilizes a BellSouth resold telecommunications service in a manner other than which the service was originally intended as described in BellSouth's retail tariffs, CLEC-1 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.
  - 3.20 Facilities and/or equipment utilized by BellSouth to provide service to CLEC-1 remain the property of BellSouth.

- 3.21 White page directory listings will be provided in accordance with Section 5 of the General Terms and Conditions.
- 3.22 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, CLEC-1 shall provide to BellSouth access to customer record information including electronic access where available. Otherwise, upon request by BellSouth CLEC-1 shall provide paper copies of customer record information within a reasonable period of time by BellSouth. 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 CLEC-1 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.
- 3.23 All costs incurred by BellSouth to develop and implement operational interfaces shall be recovered from Resellers who utilize the services. Charges for use of Operational Support Systems (OSS) shall be as set forth in Exhibit A of this Attachment.
- 3.24 Where available to BellSouth's end users, BellSouth shall provide the following telecommunications services at a discount to allow for voice mail services:
- Simplified Message Desk Interface - Enhanced ("SMDI-E")
  - Simplified Message Desk Interface ("SMDI")
  - Message Waiting Indicator ("MWT") stutter dialtone and message waiting light feature capabilities
  - Call Forward on Busy ("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.
- 3.24.1 BellSouth shall provide branding for, or shall unbrand, voice mail services to CLEC-1 per the Bona Fide Request/New Business Request process as set forth in Section 6 of the General Terms and Conditions.

- 3.25 BellSouth's Inside Wire Maintenance Service Plans may be made available for resale at rates, terms and conditions as set forth by BellSouth and without the wholesale discount.
- 3.26 If CLEC-1 requires a special assembly CLEC-1 agrees to pay the costs incurred by BellSouth for providing the requested special assembly. The costs will be provided to CLEC-1 prior to providing the service. Such costs could include both recurring and non-recurring charges and shall exclude any cost attributable to any marketing ,billing collection or other costs that will be avoided by BellSouth in providing service to CLEC-1 .
- 3.27 Recovery of charges associated with implementing Number Portability through monthly charges assessed to end users has been authorized by the FCC. This end user line charge will be billed to Resellers of BellSouth's telecommunications services and will be as filed in FCC No. 1. This charge is not discounted.
- 3.28 BellSouth shall provide 911/E911 for CLEC-1 customers in the same manner that it is provided to BellSouth customers. BellSouth shall provide and validate CLEC-1 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 CLEC-1 customer service information in the ALI/DMS (Automatic Location Identification/Location Information) databases used to support 911/E911 services.
- 3.29 Pursuant to 47 CFR Section 51.617, BellSouth will bill CLEC-1 end users common line charges identical to the end user common line charges BellSouth bills its end users.

#### **4. BellSouth's Provision of Services to CLEC-1**

- 4.1 CLEC-1 agrees that its 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 Independent Payphone Provider (IPP) 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 CLEC-1 to establish authenticity of use. Such audit shall not occur more than once in a calendar year. CLEC-1 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.
- 4.2 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 CLEC-1 may resell services only within the specific resale service area as defined in its certificate.
- 4.4 Telephone numbers transmitted via any resold service feature are intended solely for the use of the end user of the feature. Resale of this information is prohibited.

## **5. Maintenance of Services**

- 5.1 CLEC-1 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 CLEC-1 or its end users may not rearrange, move, disconnect, remove or attempt to repair any facilities owned by BellSouth, other than by connection or disconnection to any interface means used, except with the written consent of BellSouth.
- 5.4 CLEC-1 accepts responsibility to notify BellSouth of situations that arise that may result in a service problem.
- 5.5 CLEC-1 will be BellSouth's single point of contact for all repair calls on behalf of CLEC-1's end users. The parties agree to provide one another with toll-free contact numbers for such purposes.
- 5.6 CLEC-1 will contact the appropriate repair centers in accordance with procedures established by BellSouth.



- 5.7 For all repair requests, CLEC-1 accepts responsibility for adhering to BellSouth's prescreening guidelines prior to referring the trouble to BellSouth.
- 5.8 BellSouth will bill CLEC-1 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.
- 5.9 BellSouth reserves the right to contact CLEC-1'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, CLEC-1 will provide the appropriate BellSouth service center the necessary documentation to enable BellSouth to establish a master account for CLEC-1'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, 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 When notification is received from CLEC-1 that a current end user of BellSouth will subscribe to CLEC-1's service, standard service order intervals for the appropriate class of service will apply.
- 6.4 BellSouth will not require end user confirmation prior to establishing service for CLEC-1's end user customer. CLEC-1 must, however, be able to demonstrate end user authorization upon request.
- 6.5 CLEC-1 will be the single point of contact with BellSouth for all subsequent ordering activity resulting in additions or changes to resold services except that BellSouth will accept a request directly from the end user for conversion of the end user's service from CLEC-1 to BellSouth or will accept a request from another CLEC for conversion of the end user's service from CLEC-1 to the other LEC. BellSouth will notify CLEC-1 that such a request has been processed.
- 6.6 If BellSouth determines that an unauthorized change in local service to CLEC-1 has occurred, BellSouth will reestablish service with the appropriate local service provider and will assess CLEC-1 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 CLEC-1. These charges can be adjusted if CLEC-1 provides satisfactory proof of authorization.

- 6.7 In order to safeguard its interest, BellSouth reserves the right to secure the account with a suitable form of security deposit, unless satisfactory credit has already been established.
- 6.7.1 Such security deposit shall take the form of 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.
- 6.7.2 If a security deposit is required, such security deposit shall be made prior to the inauguration of service.
- 6.7.3 Such security deposit may not exceed two months' estimated billing.
- 6.7.4 The fact that a security deposit has been made in no way relieves CLEC-1 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.
- 6.7.5 BellSouth reserves the right to increase the security deposit requirements when, in its sole judgment, circumstances so warrant and/or gross monthly billing has increased beyond the level initially used to determine the security deposit.
- 6.7.6 In the event that CLEC-1 defaults on its account, service to CLEC-1 will be terminated and any security deposits held will be applied to its account.
- 6.7.7 Interest on a 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 CLEC-1. CLEC-1 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 CLEC-1 on a current basis all applicable charges and credits.
- 7.3 Payment of all charges will be the responsibility of CLEC-1. CLEC-1 shall make payment to BellSouth for all services billed. BellSouth is not responsible for payments not received by CLEC-1 from CLEC-1's end user. BellSouth will not become involved in billing disputes that may arise between CLEC-1 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 CLEC-1's accounts.
- 7.5 BellSouth will bill CLEC-1 in advance charges 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 CLEC-1, and CLEC-1 will be responsible for and remit to BellSouth, all charges applicable to resold services including but not limited to 911 and E911 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 penalty, as set forth in section 7.8 following, shall apply.
  - 7.6.2 If CLEC-1 requests multiple billing media or additional copies of bills, BellSouth will provide these at an appropriate charge to CLEC-1.
  - 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 CLEC-1, the total amount billed to CLEC-1 will not include any taxes due from the end user to reflect the tax exempt certification and local tax laws. CLEC-1 will be solely responsible for the computation, tracking, reporting, and payment of taxes applicable to CLEC-1'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 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 and Section B2 of the Private Line Service Tariff. CLEC-1 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. No additional charges are to be assessed to CLEC-1
- 7.10 BellSouth will not perform billing and collection services for CLEC-1 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 CLEC-1 and CLEC-1's end user customers over resold services. If a dispute does arise that cannot be settled without the involvement of BellSouth, CLEC-1 shall contact the designated Service Center for resolution. BellSouth will make every effort to assist in the resolution of the dispute and will work with CLEC-1 to resolve the matter in as timely a manner as possible. CLEC-1 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 Where possible, BellSouth will deny service to CLEC-1's end user on behalf of, and at the request of, CLEC-1. Upon restoration of the end user's service, restoral charges will apply and will be the responsibility of CLEC-1.
  - 8.1.2 At the request of CLEC-1, BellSouth will disconnect a CLEC-1 end user customer.
  - 8.1.3 All requests by CLEC-1 for denial or disconnection of an end user for nonpayment must be in writing.
  - 8.1.4 CLEC-1 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 CLEC-1 when it is determined that annoyance calls are originated from one of their end user's locations. BellSouth shall be indemnified, defended and held harmless by CLEC-1 and/or the end user against any claim, loss or damage arising from providing this information to CLEC-1. It is the responsibility of CLEC-1 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 CLEC-1 are as follows:
  - 8.2.1 BellSouth reserves the right to suspend or terminate service for nonpayment or 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 CLEC-1 of the rules and regulations of BellSouth's Tariffs.
  - 8.2.2 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 CLEC-1, 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 days notice to the person designated by CLEC-1 to receive notices of noncompliance, and discontinue the provision of existing services to CLEC-1 at any time thereafter.
  - 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 days notice and CLEC-1's noncompliance continues, nothing contained herein shall preclude BellSouth's right to discontinue the provision of the services to CLEC-1 without further notice.
  - 8.2.5 If payment is not received or arrangements made for payment by the date given in the written notification, CLEC-1's services will be discontinued. Upon discontinuance of service on a CLEC-1's account, service to CLEC-1's end users will be denied. BellSouth will also reestablish service at the request of the end user or CLEC-1 upon payment of the appropriate connection fee and subject to BellSouth's normal application procedures. CLEC-1 is solely responsible for notifying the end user of the proposed disconnection of the service.
  - 8.2.6 If within fifteen 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 CLEC-1 Account Manager stating requested activation date.

**10. RAO Hosting**

- 10.1 The RAO Hosting Agreement is included in this Attachment as Exhibit D. Rates for BellSouth's Centralized Message Distribution System (CMDS) are as set forth in Exhibit H of this Attachment.
- 10.2 BellSouth will provide RAO Hosting upon written request to its Account Manager stating requested activation date.

**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 E. Rates for ODUF are as set forth in Exhibit H 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 F. Rates for EODUF are as set forth in Exhibit H 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.

**EXHIBIT A**  
**Page 1**

**APPLICABLE DISCOUNTS**

The telecommunications services available for purchase by CLEC-1 for the purposes of resale to CLEC-1 end users shall be available at the following discount off of the retail rate. If CLEC-1 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.

<b>DISCOUNT*</b>			
<b>STATE</b>	<b>RESIDENCE</b>	<b>BUSINESS</b>	<b>CSAs***</b>
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 a CLEC provides its own operator services and directory services, the discount shall be 21.56%. CLEC must provide written notification to BellSouth within 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.



**EXHIBIT A**  
**Page 2**

**OPERATIONAL SUPPORT SYSTEMS (OSS) RATES**

BellSouth has developed and made available the following mechanized systems by which CLEC-1 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:

<b>OPERATIONAL SUPPORT SYSTEMS (OSS) RATES</b>	<b><u>Electronic</u> Per LSR received from the CLEC by one of the OSS interactive interfaces</b>	<b><u>Manual</u> Per LSR received from the CLEC by means other than one of the OSS interactive interfaces</b>
<b>OSS LSR Charge</b>	<b>\$3.50</b>	<b>\$19.99</b>
<b>USOC</b>	<b>SOMECH</b>	<b>SOMAN</b>

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 CLEC-1 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

CLEC-1 will incur an OSS charge for an accepted LSR that is later canceled by CLEC-1.

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

Threshold Billing Plan

**EXHIBIT A**  
**Page 3**

The Parties agree that CLEC-1 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 CLECs' future manual LSRs 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	No	No	Yes	No	Yes	No	Yes	No	Yes	No	No	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 <sup>SM</sup> Svc (See Note 6)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
9	MemoryCall <sup>®</sup> 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

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## Exclusions and Limitations On Services Available for Resale

14	Public Telephone Access Service (PTAS)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes
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### Applicable

#### Notes:

1. **Grandfathered services** can be resold only to existing subscribers of the grandfathered service.
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<sup>SM</sup> Service is tarified as BellSouth<sup>®</sup> AIN Virtual Number Call Detail Service.

**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 CLEC-1 and pursuant to which BellSouth, its LIDB customers and CLEC-1 shall have access to such information. CLEC-1 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 CLEC-1, 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 CLEC-1 of fraud alerts so that CLEC-1 may take action it deems appropriate. CLEC-1 understands and agrees BellSouth will administer all data stored in the LIDB, including the data provided by CLEC-1 pursuant to this Agreement, in the same manner as BellSouth's data for BellSouth's end user customers. BellSouth shall not be responsible to CLEC-1 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.

CLEC-1 understands that BellSouth currently has in effect numerous billing and collection agreements with various interexchange carriers and billing clearing houses. CLEC-1 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, CLEC-1 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 CLEC-1'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 CLEC-1's data from BellSouth's data

and the Parties to this Agreement execute appropriate amendments hereto, the following terms and conditions shall apply:

- (a) CLEC-1 agrees that it will accept responsibility for telecommunications services billed by BellSouth for its billing and collection customers for CLEC-1's end user accounts which are resident in LIDB pursuant to this Agreement. CLEC-1 authorizes BellSouth to place such charges on CLEC-1's bill from BellSouth and agrees that it shall pay all such charges. Charges for which CLEC-1 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) CLEC-1 shall have the responsibility to render a billing statement to its end users for these charges, but CLEC-1's obligation to pay BellSouth for the charges billed shall be independent of whether CLEC-1 is able or not to collect from CLEC-1's end users.
- (d) BellSouth shall not become involved in any disputes between CLEC-1 and the entities for which BellSouth performs billing and collection. BellSouth will not issue adjustments for charges billed on behalf of an entity to CLEC-1. It shall be the responsibility of CLEC-1 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. CLEC-1 will not be charged a fee for storage services provided by BellSouth to CLEC-1, 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 CLEC-1. CLEC-1 shall have the right to have BellSouth contest with the imposing jurisdiction, at CLEC-1's expense, any such taxes that CLEC-1 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. CLEC-1 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 CLEC-1 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 CLEC-1 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 CLEC-1 (“CLEC-1”), effective the \_\_\_\_ day of \_\_\_\_\_, 2000.

**I. GENERAL**

This Addendum sets forth the terms and conditions for CLEC-1’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 CLEC-1, 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 the CLEC-1.
- 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 the CLEC-1.

### **III. RESPONSIBILITIES OF PARTIES**

- A. BellSouth will include billing number information associated with resold exchange lines or SPNP arrangements in its LIDB. The CLEC-1 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 CLEC-1. BellSouth will not issue line-based calling cards in the name of CLEC-1's individual end users. In the event that CLEC-1 wants to include calling card numbers assigned by the CLEC-1 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 the CLEC-1 has identified the billing number as one which should not be billed for collect or third number calls, or both.

**RAO Hosting**

1. RAO Hosting, Calling Card and Third Number Settlement System (CATS) and Non-Intercompany Settlement System (NICS) services provided to CLEC-1 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.
2. CLEC-1 shall furnish all relevant information required by BellSouth for the provision of RAO Hosting, CATS and NICS.
3. Applicable compensation amounts will be billed by BellSouth to CLEC-1 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. CLEC-1 must have its own unique RAO code. Requests for establishment of RAO status where BellSouth is the selected Centralized Message Distribution System (CMDS) interfacing host, require written notification from CLEC-1 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 CLEC-1 and will coordinate all associated conversion activities.
5. BellSouth will receive messages from CLEC-1 that are to be processed by BellSouth, another LEC or CLEC in the BellSouth region or a LEC outside the BellSouth region.
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 CLEC-1.
7. All data received from CLEC-1 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.
8. All data received from CLEC-1 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)).

9. BellSouth will receive messages from the CMD5 network that are destined to be processed by CLEC-1 and will forward them to CLEC-1 on a daily basis.
10. Transmission of message data between BellSouth and CLEC-1 will be via CONNECT:Direct.
11. All messages and related data exchanged between BellSouth and CLEC-1 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.
12. CLEC-1 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.
13. Should it become necessary for CLEC-1 to send data to BellSouth more than sixty (60) days past the message date(s), CLEC-1 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 CLEC-1 to notify all affected Parties.
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 CLEC-1) identified and agreed to, the company responsible for creating the data (BellSouth or CLEC-1) 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.
15. Should an error be detected by the EMI format edits performed by BellSouth on data received from CLEC-1, the entire pack containing the affected data will not be

- processed by BellSouth. BellSouth will notify CLEC-1 of the error condition. CLEC-1 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, CLEC-1 will resend these packs to BellSouth after the pack containing the error has been successfully reprocessed by BellSouth.
16. In association with message distribution service, BellSouth will provide CLEC-1 with associated intercompany settlements reports (CATS and NICS) as appropriate.
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.
18. RAO Compensation
- 18.1 Rates for message distribution service provided by BellSouth for CLEC-1 are as set forth in Exhibit A to this Attachment.
- 18.2 Rates for data transmission associated with message distribution service are as set forth in Exhibit A to this Attachment .
- 18.3 Data circuits (private line or dial-up) will be required between BellSouth and CLEC-1 for the purpose of data transmission. Where a dedicated line is required, CLEC-1 will be responsible for ordering the circuit, overseeing its installation and coordinating the installation with BellSouth. CLEC-1 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 CLEC-1. Additionally, all message toll charges associated with the use of the dial circuit by CLEC-1 will be the responsibility of CLEC-1. Associated equipment on the BellSouth end, including a modem, will be negotiated on a case by case basis between the Parties.
- 18.4 All equipment, including modems and software, that is required on the CLEC-1 end for the purpose of data transmission will be the responsibility of CLEC-1.
19. Intercompany Settlements Messages
- 19.1 This Section addresses the settlement of revenues associated with traffic originated from or billed by CLEC-1 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 CLEC-1 and the involved company(ies), unless that company is participating in NICS.
- 19.2 Both traffic that originates outside the BellSouth region by CLEC-1 and is billed within the BellSouth region, and traffic that originates within the BellSouth region and is billed outside the BellSouth region by CLEC-1, is covered by this Agreement (CATS). Also covered is traffic that either is originated by or billed by CLEC-1, involves a company other than CLEC-1, qualifies for inclusion in the CATS settlement, and is not originated or billed within the BellSouth region (NICS).
- 19.3 Once CLEC-1 is operating within the BellSouth territory, revenues associated with calls originated and billed within the BellSouth region will be settled via Telcordia (formerly BellCore)'s, its successor or assign, NICS system.
- 19.4 BellSouth will receive the monthly NICS reports from Telcordia (formerly BellCore), its successor or assign, on behalf of CLEC-1. BellSouth will distribute copies of these reports to CLEC-1 on a monthly basis.
- 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 CLEC-1. BellSouth will distribute copies of these reports to CLEC-1 on a monthly basis.
- 19.6 BellSouth will collect the revenue earned by CLEC-1 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 CLEC-1. BellSouth will remit the revenue billed by CLEC-1 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 CLEC-1. These two amounts will be netted together by BellSouth and the resulting charge or credit issued to CLEC-1 via a monthly Carrier Access Billing System (CABS) miscellaneous bill.
- 19.7 BellSouth will collect the revenue earned by CLEC-1 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 CLEC-1. BellSouth will remit the revenue billed by CLEC-1 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 CLEC-1 via a monthly Carrier Access Billing System (CABS) miscellaneous bill.

BellSouth and CLEC-1 agree that monthly netted amounts of less than fifty dollars (\$50.00) will not be settled.

**Optional Daily Usage File**

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

Charges for delivery of the Optional Daily Usage File will appear on CLEC-1s' 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 CLEC-1's billing system will be the responsibility of CLEC-1. If, however, CLEC-1 should encounter significant volumes of errored messages that prevent processing by CLEC-1 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 CLEC-1:

- 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 CLEC-1.

6.1.4 In the event that CLEC-1 detects a duplicate on Optional Daily Usage File they receive from BellSouth, CLEC-1 will drop the duplicate message (CLEC-1 will not return the duplicate to BellSouth).

## 6.2 Physical File Characteristics

6.2.1 The Optional Daily Usage File will be distributed to CLEC-1 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 CLEC-1 for the purpose of data transmission. Where a dedicated line is required, CLEC-1 will be responsible for ordering the circuit, overseeing its installation and coordinating the installation with BellSouth. CLEC-1 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 CLEC-1. Additionally, all message toll charges associated with the use of the dial

circuit by CLEC-1 will be the responsibility of CLEC-1. 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 CLEC-1 end for the purpose of data transmission will be the responsibility of CLEC-1.

### 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 CLEC-1 which BellSouth RAO that is sending the message. BellSouth and CLEC-1 will use the invoice sequencing to control data exchange. BellSouth will be notified of sequence failures identified by CLEC-1 and resend the data as appropriate.

### **THE DATA WILL BE PACKED USING ATIS EMI RECORDS.**

### 6.4 Pack Rejection

6.4.1 CLEC-1 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. CLEC-1 will not be required to return the actual rejected data to BellSouth. Rejected packs will be corrected and retransmitted to CLEC-1 by BellSouth.

### 6.5 Control Data

CLEC-1 will send one confirmation record per pack that is received from BellSouth. This confirmation record will indicate CLEC-1 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 CLEC-1 for reasons stated in the above section.

### 6.6 Testing

6.6.1 Upon request from CLEC-1, BellSouth shall send test files to CLEC-1 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 CLEC-1 set

up a production (LIVE) file. The live test may consist of CLEC-1's employees making test calls for the types of services CLEC-1 requests on the Optional Daily Usage File. These test calls are logged by CLEC-1, and the logs are provided to BellSouth. These logs will be used to verify the files. Testing will be completed within 30 calendar days from the date on which the initial test file was sent.

**Enhanced Optional Daily Usage File**

1. Upon written request from CLEC-1, BellSouth will provide the Enhanced Optional Daily Usage File (EODUF) service to CLEC-1 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. The CLEC-1 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 CLEC-1s' 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 CLEC-1 will be the responsibility of CLEC-1. If, however, CLEC-1 should encounter significant volumes of errored messages that prevent processing by CLEC-1 within its systems, BellSouth will work with CLEC-1 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 Usage To Be Transmitted
    - 7.1.1 The following messages recorded by BellSouth will be transmitted to CLEC-1:

Customer usage data for flat rated local call originating from CLEC-1'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 CLEC-1.

7.1.3 In the event that CLEC-1 detects a duplicate on Enhanced Optional Daily Usage File they receive from BellSouth, CLEC-1 will drop the duplicate message (CLEC-1 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 CLEC-1 over their existing Optional Daily Usage File (ODUF) feed. The EODUF messages will be intermingled among CLEC-1'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 CLEC-1 for the purpose of data transmission. Where a dedicated line is required, CLEC-1 will be responsible for ordering the circuit, overseeing its installation and coordinating the installation with BellSouth. CLEC-1 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 CLEC-1. Additionally, all message toll charges associated with the use of the dial circuit by CLEC-1 will be the responsibility of CLEC-1. 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 CLEC-1's end for the purpose of data transmission will be the responsibility of CLEC-1.

## 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 CLEC-1 which BellSouth RAO that is sending the message. BellSouth and CLEC-1 will use the invoice sequencing to control data exchange.

BellSouth will be notified of sequence failures identified by CLEC-1 and resend the data as appropriate.

**THE DATA WILL BE PACKED USING ATIS EMI RECORDS.**

BELLSOUTH/CLEC-1 RATES  
ODUF/EDOUF/CMD5/CNAM

RATES BY STATE										
DESCRIPTION	USOC	AL	FL	GA	KY	LA	MS	NC	SC	TN
ODUF/EDOUF/CMD5										
ODUF: Recording, per message	N/A	\$0.0002	\$0.008	\$0.008	\$0.0008611	\$0.00019	\$0.0001179	\$0.008	\$0.0002862	\$0.008
ODUF: Message Processing, per message	N/A	\$0.0033	\$0.004	\$0.004	\$0.0032357	\$0.0024	\$0.0032089	\$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
CMD5: 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	\$54.62	\$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	\$0.00004	\$0.001	\$0.001	\$0.0000365	\$0.00003	\$0.0000354	\$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
CMD5: 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
* 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.										

**Attachment 2**  
**Network Elements and Other Services**



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## ACCESS TO NETWORK ELEMENTS AND OTHER SERVICES

### 1. Introduction

- 1.1. This Attachment sets forth the unbundled network elements and combinations of unbundled network elements that BellSouth agrees to offer to ECI 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 A 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 ECI to offer telecommunications service in the manner ECI intends.
  - 1.2.2. Except upon request by ECI, 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 ECI, and to the extent technically feasible, provide to ECI access to its network elements for the provision of ECI'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. ECI may purchase network elements and other services from BellSouth for the purpose of combining such network elements in any manner ECI 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 ECI for combining to the designated ECI collocation space. The network elements shall be provided as set forth in this Attachment.

- 1.5. Subject to applicable and effective FCC Rules and Orders as well as effective State Commission Orders, BellSouth will offer combinations of network elements pursuant to such orders. BellSouth will provide the following combined network elements for purchase by ECI. The rate of the following combined network elements is the sum of the individual element prices as set forth in this Attachment. Order Coordination as defined in Section 2 of Attachment 2 of this Agreement is available for each of these combinations:
  - SL2 loop and cross connect
  - Port and cross connect
  - Port and cross connect and common (shared) transport
  - Port and vertical features
  - SL2 Loop with loop concentration
  - Port and common (shared) transport
  - SL2 Loop and LNP
- 1.6. 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.
- 1.7. 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.
- 1.8. ECI will adopt and adhere to the standards contained in the applicable CLEC Work Center Operational Understanding Agreement regarding maintenance and installation of service.
- 1.9. Standards for Network Elements
- 1.9.1 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.

- 1.9.2 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 Definition**

- 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. The loop shall include the use of all test access functionality, including without limitation, smart jacks, for both voice and data.
- 2.1.3 The provisioning of service to a CLEC 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 in collocation space. These cross-connects are a separate element and are not considered a part of the loop.
- 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 ECI advised.
- 2.1.6 “Order Coordination – Time Specific” refers to service order coordination in which ECI 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. ECI may specify a time between 9:00 a.m. and 4:00 p.m. (location time) Monday through Friday (excluding holidays). If ECI 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 ECI, expedite charges will apply for intervals less than 5 days. The charges outlined in BellSouth's FCC # 1 Tariff, Section 5.1.1, will apply. If ECI 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 5.4.
- 2.1.8 If ECI 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 ECI.
- 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 ECI 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 ECI, and will be provided with OC. The OC feature will allow ECI 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 ECI 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 ECI will be responsible for testing and isolating troubles on the loops. Once ECI has isolated a trouble to the BellSouth provided loop, ECI 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 ECI reports a trouble on SL1 loops and no trouble actually exists, BellSouth will charge ECI 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 ECI reports a trouble on SL2 loops and no trouble actually exists, BellSouth will charge ECI 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 an Unbundled Copper Loop (UCL). The UCL will be a copper twisted pair loop that is unencumbered by any intervening equipment (e.g., filters, load coils, range extenders, digital loop carrier, or repeaters). 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. The long UCL (beyond 18kft) will be used when a CLEC wants to condition copper loops longer than 18kft by removing load coils and other intervening equipment. 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. ECI may use the UCL loop for a variety of services, including xDSL (e.g., ADSL and HDSL) services, by attaching appropriate terminal equipment of ECI's choosing. ECI 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 Technical Requirements
- 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 ECI's request.
- 2.1.22.2 ECI 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 ECI will be consistent with industry standards and BellSouth's TR73600.
- 2.1.22.4 ECI 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 ECI 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 ECI 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, ECI will require access to a copper twisted pair loop unfettered by any intervening equipment (e.g., filters, load coils, range extenders, etc.), so that ECI can use the loop for a variety of services by attaching appropriate terminal equipment at the ends. ECI will determine the type of service that will be provided over the loop. In some cases, ECI may be required to pay additional charges for the removal of certain types of equipment. BellSouth's Special Construction process will be used to determine the costs and feasibility of these activities.

- 2.1.22.6 In cases in which ECI has requested that BellSouth remove equipment from the BellSouth loop, BellSouth will no longer be expected to maintain and repair the loop to the standards specified for that loop type in the TR73600 and other standards referenced in this Agreement. BellSouth will only support that these loops provide electrical continuity and balance relative to tip-and-ring.
- 2.1.22.7 ECI, in performance of its obligations pursuant to the preceding Section, shall maintain records that will reflect that pursuant to ECI's request BellSouth has removed certain equipment from BellSouth provided loops and as such the loop may not perform within the technical specifications associated with that loop type. ECI will not report to BellSouth troubles on said loops where the loops are not performing within the technical specifications of that loop type.
- 2.1.22.8 In addition, ECI recognizes there may be instances where a loop modified in this manner may be subjected to normal network configuration changes that may cause the circuit characteristics to be changed and may create an outage of the service that ECI has placed on the loop. If this occurs, BellSouth will work cooperatively with ECI to restore the circuit to its previous modified status as quickly as possible. ECI will pay the Time and Materials costs associated with BellSouth's work efforts needed to bring the loop back to its previous modified status.
- 2.1.22.9 The loop shall be provided to ECI in accordance with BellSouth's TR73600 Unbundled Local Loop Technical Specification and applicable industry standard technical references.

2.1.23 Deaveraging

Deaveraged recurring rates for unbundled loops, where available, are included in Exhibit A. These rates will be effective on May 1, 2000.

**2.2 Loop Conditioning**

- 2.2.1 Subject to applicable and effective FCC rules and orders, BellSouth shall condition loops, as requested by ECI, 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, bridge taps, low pass filters, and range extenders.



- 2.2.3 BellSouth shall recover the cost of line conditioning requested by ECI 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 ECI to order a contiguous local loop. To the extent it is technically feasible, these arrangements will provide ECI 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. ECI will then have the option of paying the one-time SC rates to place the loop facilities or ECI 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 premises wiring to BellSouth's distribution plant, such as a cross-connect device used for that purpose. The NID is a single-line termination device or that portion of a multiple-line termination device required to terminate a single line or circuit at the premises. The NID features two independent chambers or divisions that separate the service provider's network from the End User's 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 ECI to connect ECI's loop facilities to on-premises wiring through the BellSouth NID or at any other technically feasible point.

#### **2.4.3 Access to Network Interface Device (NID)**

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

#### 2.4.4 Technical Requirements

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

## **2.5 Unbundled Loop Concentration (ULC) System**

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

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

### **2.6.3 Unbundled Sub-Loop (distribution facilities)**

#### **2.6.3.1 Definition**

- 2.6.3.2 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. There are two offerings available for Unbundled Sub-Loops (USL):
- 2.6.3.3 Unbundled Sub-Loop Distribution (USL-D) will include the sub-loop facility from the cross-box in the field up to and including the point of demarcation.
- 2.6.3.4 BellSouth will also provide sub-loop interconnection to the intrabuilding network cable (INC) (riser cable). INC is the distribution facility inside a subscriber's building or between buildings on one customer's same premises (continuous property not separated by a public street or road). USL-INC (riser cable) will include the facility from the cross-connect device in the building equipment room up to and including the point of demarcation.

#### **2.6.4. Requirements for Unbundled Sub-Loop Distribution Facilities**

- 2.6.4.1 Unbundled Sub-Loop distribution facilities were originally built as part of the entire voice grade loop from the BellSouth central office to the customer network interface. Therefore, the Unbundled Sub-Loop may have load coils, which are necessary for transmission of voice grade services. The Unbundled Sub-Loops will be provided in accordance with technical reference TR73600.
- 2.6.4.2 Unbundled Sub-Loop distribution facilities shall support functions associated with provisioning, maintenance and testing of the Unbundled Sub-Loop. In a scenario that involves connection at a BellSouth cross-box located in the field, ECI would be required to deliver a cable to the BellSouth remote terminal or cross-box to provide continuity to ECI's feeder facilities. This cable would be connected, by a BellSouth technician, to a cross-connect panel within the BellSouth RT/cross-box. ECI's cable

- pairs can then be connected to BellSouth's USL within the BellSouth cross-box by the BellSouth technician. In a scenario that requires connection in a building equipment room, BellSouth will install a cross connect panel on which access to the requested sub-loops will be connected. The CLEC's cable pairs can then be connected to the Unbundled Sub-Loop pairs on this cross-connect panel by the BellSouth technician.
- 2.6.4.3 BellSouth will provide Unbundled Sub-Loops where possible. Through the firm order Service Inquiry (SI) process, BellSouth will determine if it is feasible to place the required facilities where ECI has requested access to Unbundled Sub-Loops. If existing capacity is sufficient to meet the CLEC demand, then BellSouth will perform the set-up work as described in the next section 2.6.4.4 . If any work must be done to modify existing BellSouth facilities or add new facilities (other than adding the cross-connect panel in a building equipment room as noted in 2.6.4.4) to accommodate ECI's request for Unbundled Sub-Loops, BellSouth will use its Special Construction (SC) process to determine the additional costs required to provision the Unbundled Sub-Loops. ECI will then have the option of paying the one-time SC charge to modify the facilities to meet ECI's request.
- 2.6.4.4 During the initial set-up in a BellSouth cross-connect box in the field, the BellSouth technician will perform the necessary work to splice the CLEC's cable into the cross-connect box. For the set-up inside a building equipment room, BellSouth will perform the necessary work to install the cross-connect panel that will be used to provide access to the requested USLs. Once the set-up is complete, the CLEC requested sub-loop pairs would be provisioned through the service order process based on the submission of a LSR to the LCSC.
- 2.6.5 Interface Requirements
- 2.6.5.1 Unbundled Sub-Loop shall be equal to or better than each of the applicable requirements set forth in the applicable industry standard technical references.
- 2.6.6 **Unbundled Sub-Loop Concentration System (USLC)**
- 2.6.6.1 Where facilities permit and where necessary to comply with an effective Commission order, BellSouth will provide to ECI with the ability to concentrate its sub-loops onto multiple DS1s back to the BellSouth Central Office. The DS1s will then be terminated into ECI's collocation space. TR-008 and TR303 interface standards are available.
- 2.6.6.2 USLC, using the Lucent Series 5 equipment, will be offered in two different systems. System A will allow up to 96 of ECI's sub-loops to be concentrated onto multiple DS1s. System B will allow an additional 96 of ECI's sub-loops to be concentrated onto multiple DS1s. One System A may be supplemented with one System B and

they both must be physically located in a single Series 5 dual channel bank. A minimum of two DS1s is required for each system (i.e., System A requires two DS1s and System B would require an additional two DS1s or four in total). The DS1 level facility that connects the RT site with the serving wire center is known as a Feeder Interface. All DS1 Feeder Interfaces will terminate to the CLEC's collocation space within the SWC that serves the RT where the CLEC's sub-loops are connected. USLC service is offered with or without concentration and with or without a protection DS1.

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

## **2.6.7 Unbundled Network Terminating Wire (UNTW)**

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

### **2.6.7.2 Definition**

- 2.6.7.2.1 Subject to applicable and effective FCC rules and orders, UNTW is a dedicated transmission facility that BellSouth provides from the Wiring Closet /Garden Terminal (or other type of cross-connect point) at the point of termination of BellSouth's loop distribution facilities to the end user's point of demarcation.

### **2.6.7.3 Requirements**

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

access to the BellSouth UNTW to provide local exchange service to the end user, then ECI agrees to surrender the requisite number of its inactive spare pair(s) if no other spare pair is available and upon request by BellSouth.

2.6.7.3.4 If ECI has placed NTW at a location and an end user desires to receive local exchange service from BellSouth and BellSouth needs access to ECI's NTW to provide local exchange service to the end user, then ECI agrees to surrender the requisite number of its spare pair(s) upon request by BellSouth.

2.6.7.3.5 In new construction, where possible, both Parties may at their option and with the property owner's agreement install their own NTW. In existing construction, BellSouth shall not be required to install new or additional NTW beyond existing NTW to provision the services of the CLEC.

## 2.6.8 Technical Requirements

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

## 2.7 **Dark Fiber**

### 2.7.1 Defintion

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

### 2.7.2 Requirements

2.7.2.1 BellSouth shall make available Dark Fiber where it exists in BellSouth's network and where, as a result of future building or deployment, it becomes available. If BellSouth has plans to use the fiber within a two –year planning period, there is no requirement to provide said fiber to ECI.

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

- 2.7.2.3 ECI may test the quality of the Dark Fiber to confirm its usability and performance specifications.
- 2.7.2.4 BellSouth shall use its best efforts to provide to ECI 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 ECI ("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 ECI's use and may not allow any other party to use such media, including BellSouth.
- 2.7.2.5 BellSouth shall use its best efforts to make Dark Fiber available to ECI within thirty (30) business days after it receives written confirmation from ECI that the Dark Fiber previously deemed available by BellSouth is wanted for use by ECI. This includes identification of appropriate connection points (e.g., Light Guide Interconnection (LGX) or splice points) to enable ECI to connect or splice ECI provided transmission media (e.g., optical fiber) or equipment to the Dark Fiber.
- 2.7.2.6 Dark Fiber shall meet the manufacturer's design specifications.
- 2.7.2.7 ECI may splice and test Dark Fiber obtained from BellSouth using ECI or ECI designated personnel. BellSouth shall provide appropriate interfaces to allow splicing and testing of Dark Fiber. BellSouth shall provide an excess cable length of 25 feet minimum (for fiber in underground conduit) to allow the uncoiled fiber to reach from the manhole to a splicing van.

## **2.8 Rates**

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

## **2.9 Operational Support Systems (OSS)**

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

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

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



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:

<b>OPERATIONAL SUPPORT SYSTEMS</b>	<b>AL, GA, LA, MS, SC</b>	<b>FL, KY, NC, TN</b>
OSS LSR charge, per LSR received from the CLEC by one of the OSS interactive interfaces	\$3.50	\$3.50
	SOMECH	SOMECH
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

#### 2.9.2 Denial/Restoral OSS Charge

In the event ECI provides a list of customers to be denied and restored, rather than an LSR, each location on the list will require a separate PON and, therefore will be billed as one LSR per location.

#### 2.9.3 Cancellation OSS Charge

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

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

#### 2.9.4 Network Elements and Other Services Manual Additive

- 2.9.4.1 The Commissions in some states have ordered per-element manual additive 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 A.

### **3. Switching**

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

#### **3.1 Local Switching**

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

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

3.1.2. Local Circuit Switching Capability, including Tandem Switching Capability

##### **3.1.2.1 Definition**

Local Circuit Switching Capability is defined as: (A) line-side facilities, which include, but are not limited to, the connection between a loop termination at a main distribution frame and a switch line card; (B) trunk-side facilities, which include, but are not limited to, the connection between trunk termination at a trunk-side cross-connect panel and a switch trunk card; and (C) All features, functions, and capabilities of the switch, which include, but are not limited to: (1) the basic switching function of connecting lines to lines, line to trunks, trunks to lines, and trunks to trunks, as well as the same basic capabilities made available to BellSouth's customers, such as a telephone number, white page listings, and dial tone; and (2) all other features that the switch is capable of providing, including but not limited to customer calling, customer local area signaling service features, and Centrex, as well as any technically feasible customized routing functions provided by the switch; (D) switching provided by remote switching modules.

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

3.1.3 Notwithstanding BellSouth's general duty to unbundle local circuit switching, BellSouth shall not be required to unbundle local circuit switching for ECI when ECI

- serves end-users with four (4) or more voice-grade (DS-0) equivalents or lines in locations served by BellSouth's local circuit switches, which are in the following MSAs: Atlanta, GA; Miami, FL; Orlando, FL; Ft. Lauderdale, FL; Charlotte-Gastonia-Rock Hill, NC; Greensboro-Winston Salem-High Point, NC; Nashville, TN; and New Orleans, LA, and BellSouth has provided non-discriminatory cost based access to the Enhanced Extended Link (EEL) throughout Density Zone 1 as determined by NECA Tariff No. 4 as in effect on January 1, 1999.
- 3.1.4 In the event that ECI 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 ECI a rate to be negotiated for use of the local circuit switching functionality for the affected facilities, or in the alternative, to charge ECI the local services resale rate for use of all Combinations used to provide the affected facilities to ECI.
- 3.1.5 A featureless port is one that has a line port, switching facilities, and an interoffice port. A featured port is a port that includes all features then capable or a number of then capable features specifically requested by ECI. Any features that are not currently then capable but are technically feasible through the switch can be requested through the BFR process.
- 3.1.6 BellSouth will provide to ECI 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 ECI's PIC'ed toll traffic in a two (2) PIC environment to an alternative OS/DA platform designated by ECI. ECI customers may use the same dialing arrangements as BellSouth customers.
- 3.1.7 Remote Switching Module functionality is included in Switching Capability. The switching capabilities used will be based on the line side features they support.
- 3.1.8 Switching Capability will also be capable of routing local, intraLATA, interLATA, and calls to international customer's preferred carrier; call features (e.g. call forwarding) and Centrex capabilities.
- 3.1.9 Where required to do so in order to comply with an effective Commission order, BellSouth will provide to ECI 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. ECI customers may use the same dialing arrangements as BellSouth customers, but obtain a ECI branded service.
- 3.2 Technical Requirements

- 3.2.1 The requirements set forth in this Section apply to Local Switching, but not to the Data Switching function of Local Switching.
- 3.2.1.1 Local Switching shall be equal to or better than the requirements for Local Switching set forth in the applicable industry standard technical references.
- 3.2.1.2 When applicable, BellSouth shall route calls to the appropriate trunk or lines for call origination or termination.
- 3.2.1.3 Subject to this section, BellSouth shall route calls on a per line or per screening class basis to (1) BellSouth platforms providing Network Elements or additional requirements (2) Operator Services platforms, (3) Directory Assistance platforms, and (4) Repair Centers. Any other routing requests by ECI will be made pursuant to the Bona Fide Request/ New Business Request Process as set forth in General Terms and Conditions.
- 3.2.1.4 BellSouth shall provide unbranded recorded announcements and call progress tones to alert callers of call progress and disposition.
- 3.2.1.5 BellSouth shall activate service for an ECI customer or network interconnection on any of the Local Switching interfaces. This includes provisioning changes to change a customer from BellSouth's services to ECI's services without loss of switch feature functionality as defined in this Agreement.
- 3.2.1.6 BellSouth shall perform routine testing (e.g., Mechanized Loop Tests (MLT) and test calls such as 105, 107 and 108 type calls) and fault isolation on a mutually agreed upon schedule.
- 3.2.1.7 BellSouth shall repair and restore any equipment or any other maintainable component that may adversely impact Local Switching.
- 3.2.1.8 BellSouth shall control congestion points such as those caused by radio station call-ins, and network routing abnormalities. All traffic shall be restricted in a non-discriminatory manner.
- 3.2.1.9 BellSouth shall perform manual call trace and permit customer originated call trace.
- 3.2.1.10 Special Services provided by BellSouth will include the following:
  - 3.2.1.10.1 Telephone Service Prioritization;
  - 3.2.1.10.2 Related services for handicapped;
  - 3.2.1.10.3 Soft dial tone where required by law; and

- 3.2.1.10.4 Any other service required by law.
- 3.2.1.11 BellSouth shall provide Switching Service Point (SSP) capabilities and signaling software to interconnect the signaling links destined to the Signaling Transfer Point Switch (STPS). These capabilities shall adhere to the technical specifications set forth in the applicable industry standard technical references.
- 3.2.1.12 BellSouth shall provide interfaces to adjuncts through Telcordia (formerly BellCore) standard interfaces. These adjuncts can include, but are not limited to, the Service Circuit Node and Automatic Call Distributors.
- 3.2.1.13 BellSouth shall provide performance data regarding a customer line, traffic characteristics or other measurable elements to ECI, upon a reasonable request from ECI. CLEC will pay BellSouth for all costs incurred to provide such performance data through the Business Opportunity Request process.
- 3.2.1.14 BellSouth shall offer Local Switching that provides feature offerings at parity to those provided by BellSouth to itself or any other Party. Such feature offerings shall include but are not limited to:
  - 3.2.1.14.1 Basic and primary rate ISDN;
  - 3.2.1.14.2 Residential features;
  - 3.2.1.14.3 Customer Local Area Signaling Services (CLASS/LASS);
  - 3.2.1.14.4 CENTREX (including equivalent administrative capabilities, such as customer accessible reconfiguration and detailed message recording); and
  - 3.2.1.14.5 Advanced intelligent network triggers supporting ECI and BellSouth service applications.
- 3.2.2 BellSouth shall offer to ECI all AIN triggers in connection with its SMS/SCE offering which are supported by BellSouth for offering AIN-based services. Triggers that are currently available are:
  - 3.2.2.1 Off-Hook Immediate
  - 3.2.2.2 Off-Hook Delay
  - 3.2.2.3 Termination Attempt
  - 3.2.2.4 6/10 Public Office Dialing Plan
  - 3.2.2.5 Feature Code Dialing

- 3.2.2.6 Customer Dialing Plan
- 3.2.3 When the following triggers are supported by BellSouth, BellSouth will make these triggers available to ECI:
  - 3.2.3.1 Private EAMF Trunk
  - 3.2.3.2 Shared Interoffice Trunk (EAMF, SS7)
  - 3.2.3.3 N11
  - 3.2.3.4 Automatic Route Selection
- 3.2.4 Where capacity exists, BellSouth shall assign each ECI customer line the class of service designated by ECI (e.g., using line class codes or other switch specific provisioning methods), and shall route directory assistance calls from ECI customers to ECI directory assistance operators at ECI's option.
- 3.2.5 Where capacity exists, BellSouth shall assign each ECI customer line the class of services designated by ECI (e.g., using line class codes or other switch specific provisioning methods) and shall route operator calls from ECI customers to ECI operators at ECI's option. For example, BellSouth may translate 0- and 0+ intraLATA traffic, and route the call through appropriate trunks to an ECI Operator Services Position System (OSPS). Calls from Local Switching must pass the ANI-II digits unchanged.
- 3.2.6 Local Switching shall be offered in accordance with the technical specifications set forth in the applicable industry standard references.
- 3.2.7 Interface Requirements
  - 3.2.7.1 BellSouth shall provide the following interfaces to loops:
    - 3.2.7.1.1 Standard Tip/Ring interface including loopstart or groundstart, on-hook signaling (e.g., for calling number, calling name and message waiting lamp);
    - 3.2.7.1.2 Coin phone signaling;
    - 3.2.7.1.3 Basic Rate Interface ISDN adhering to appropriate Telcordia (formerly BellCore) Technical Requirements;
    - 3.2.7.1.4 Two-wire analog interface to PBX;
    - 3.2.7.1.5 Four-wire analog interface to PBX;

- 3.2.7.1.6 Four-wire DS1 interface to PBX or customer provided equipment (e.g. computers and voice response systems);
- 3.2.7.1.7 Primary Rate ISDN to PBX adhering to ANSI standards Q.931, Q.932 and appropriate Telcordia (formerly BellCore) Technical Requirements;
- 3.2.7.1.8 Switched Fractional DS1 with capabilities to configure Nx64 channels (where N = 1 to 24); and
- 3.2.7.1.9 Loops adhering to Telcordia (formerly BellCore) TR-NWT-08 and TR-NWT-303 specifications to interconnect Digital Loop Carriers.
- 3.2.7.2 BellSouth shall provide access to the following but not limited to:
  - 3.2.7.2.1 SS7 Signaling Network or Multi-Frequency trunking if requested by ECI;
  - 3.2.7.2.2 Interface to ECI operator services systems or Operator Services through appropriate trunk interconnections for the system; and
  - 3.2.7.2.3 Interface to ECI Directory Assistance Services through the ECI switched network or to Directory Assistance Services through the appropriate trunk interconnections for the system; and 950 access or other ECI required access to interexchange carriers as requested through appropriate trunk interfaces.

### **3.3 Tandem Switching**

#### **3.3.1 Definition**

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

#### **3.3.2 Technical Requirements**

- 3.3.2.1 Tandem Switching shall have the same capabilities or equivalent capabilities as those described in Bell Communications Research TR-TSY-000540 Issue 2R2, Tandem Supplement, 6/1/90. The requirements for Tandem Switching include, but are not limited to the following:
  - 3.3.2.1.1 Tandem Switching shall provide signaling to establish a tandem connection;
  - 3.3.2.1.2 Tandem Switching will provide screening as jointly agreed to by ECI and BellSouth;
  - 3.3.2.1.3 Tandem Switching shall provide Advanced Intelligent Network triggers supporting AIN features where such routing is not available from the originating end office switch, to the extent such Tandem switch has such capability;

- 3.3.2.1.4 Tandem Switching shall provide access to Toll Free number portability database as designated by ECI;
- 3.3.2.1.5 Tandem Switching shall provide all trunk interconnections discussed under the “Network Interconnection” section (e.g., SS7, MF, DTMF, DialPulse, PRI-ISDN, DID, and CAMA-ANI (if appropriate for 911));
  - 3.3.2.1.5.1 Tandem Switching shall provide connectivity to PSAPs where 911 solutions are deployed and the tandem is used for 911; and
  - 3.3.2.1.5.2 Where appropriate, Tandem Switching shall provide connectivity to transit traffic to and from other carriers.
- 3.3.2.1.6 Tandem Switching shall accept connections (including the necessary signaling and trunking interconnections) between end offices, other tandems, IXC's, ICO's, CAP's and CLEC switches.
- 3.3.2.1.7 Tandem Switching shall provide local tandeming functionality between two end offices including two offices belonging to different CLEC's (e.g., between a CLEC end office and the end office of another CLEC).
- 3.3.2.1.8 Tandem Switching shall preserve CLASS/LASS features and Caller ID as traffic is processed.
- 3.3.2.1.9 Tandem Switching shall record billable events and send them to the area billing centers designated by ECI. Tandem Switching will provide recording of all billable events as jointly agreed to by ECI and BellSouth.
- 3.3.2.1.10 Upon a reasonable request from ECI, 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 ECI.
- 3.3.2.1.11 BellSouth shall maintain ECI's trunks and interconnections associated with Tandem Switching at least at parity to its own trunks and interconnections.
- 3.3.2.1.12 BellSouth shall control congestion points and network abnormalities. All traffic will be restricted in a non-discriminatory manner.
- 3.3.2.1.13 Selective Call Routing through the use of line class codes is not available through the use of tandem switching. Selective Call Routing through the use of line class codes is an end office capability only. Detailed primary and overflow routing plans for all interfaces available within BellSouth's switching network shall be mutually agreed to by ECI and BellSouth.



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

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

#### 3.3.2.2 Interface Requirements

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

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

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

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

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

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

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

3.4.1 BellSouth will provide AIN Selective Carrier Routing at the request of ECI. AIN Selective Carrier Routing will provide ECI with the capability of routing operator calls, 0+ and 0- and 0+ NPA (LNPA) 555-1212 directory assistance, 1+411 directory assistance and 611 repair center calls to pre-selected destinations.

3.4.2 ECI shall order AIN Selective Carrier Routing through its Account Team. AIN Selective Carrier Routing must first be established regionally and then on a per central office, per state basis.

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

- 3.4.4 Where AIN Selective Carrier Routing is utilized by ECI, the routing of ECI's end user calls shall be pursuant to information provided by ECI and stored in BellSouth's AIN Selective Carrier Routing Service Control Point database. AIN Selective Carrier Routing shall utilize a set of Line Class Codes (LCCs) unique to a basic class of service assigned on an 'as needed basis. The same LCCs will be assigned in each central office where AIN Selective Carrier Routing is established.
- 3.4.5 Upon ordering of AIN Selective Carrier Routing Regional Service, ECI shall remit to BellSouth the Regional Service Order non-recurring charges set forth in Exhibit A of this Attachment. There shall be a non-recurring End Office Establishment Charge per office due at the addition of each central office where AIN Selective Carrier Routing will be utilized. Said non-recurring charge shall be as set forth in Exhibit A of this Attachment. For each ECI end user activated, there shall be a non-recurring End User Establishment charge as set forth in Exhibit A of this Attachment, payable to BellSouth pursuant to the terms of the General Terms and Conditions, incorporated herein by this reference. ECI shall pay the AIN Selective Carrier Routing Per Query Charge set forth in Exhibit A of this Attachment.
- 3.4.6 This Regional Service Order non-recurring charge will be non-refundable and will be paid with 1/2 coming up-front with the submission of all fully completed required forms, including: Regional Selective Carrier Routing (SCR) Order Request-Form A, Central Office AIN Selective Carrier Routing (SCR) Order Request - Form B, AIN\_SCR Central Office Identification Form - Form C, AIN\_SCR Routing Options Selection Form - Form D, and Routing Combinations Table - Form E. BellSouth has 30 days to respond to the client's fully completed firm order as a Regional Service Order. With the delivery of this firm order response to the client, BellSouth considers that the delivery schedule of this service commences. The remaining 1/2 of the Regional Service Order payment must be paid when at least 90% of the Central Offices listed on the original order have been turned up for the service.
- 3.4.7 The non-recurring End Office Establishment Charge will be billed to the client following our normal monthly billing cycle for this type of order.
- 3.4.8 End-User Establishment Orders will not be turned-up until the 2<sup>nd</sup> payment is received for the Regional Service Order. The non-recurring End-User Establishment Charges will be billed to the client following our normal monthly billing cycle for this type of order.
- 3.4.9 Additionally, the AIN Selective Carrier Routing Per Query Charge will be billed to the client following the normal billing cycle for per query charges.
- 3.4.10 All other network components needed, for example, unbundled switching and unbundled local transport, etc, will be billed according per contracted rates.

### **3.5 Packet Switching Capability**

#### **3.5.1 Definition**

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

- 3.5.2 The ability to terminate copper customer loops (which includes both a low band voice channel and a high-band data channel, or solely a data channel);
- 3.5.3 The ability to forward the voice channels, if present, to a circuit switch or multiple circuit switches;
- 3.5.4 The ability to extract data units from the data channels on the loops, and
- 3.5.5 The ability to combine data units from multiple loops onto one or more trunks connecting to a packet switch or packet switches.
- 3.5.6 BellSouth shall be required to provide non-discriminatory access to unbundled packet switching capability only where each of the following conditions are satisfied:
  - 3.5.6.1 BellSouth has deployed digital loop carrier systems, including but not limited to, integrated digital loop carrier or universal digital loop carrier systems; or has deployed any other system in which fiber optic facilities replace copper facilities in the distribution section (e.g., end office to remote terminal, pedestal or environmentally controlled vault);
  - 3.5.6.2 There are no spare copper loops capable of supporting the xDSL services ECI seeks to offer;
  - 3.5.6.3 BellSouth has not permitted ECI to deploy a Digital Subscriber Line Access Multiplexer at the remote terminal, pedestal or environmentally controlled vault or other interconnection point, nor has the ECI obtained a virtual collocation arrangement at these subloop interconnection points as defined by 47 C.F.R. § 51.319 (b); and
  - 3.5.6.4 BellSouth has deployed packet switching capability for its own use.
- 3.5.7 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 of the General Terms and Conditions of this Agreement, incorporated herein by this reference.

### 3.6 **Interoffice Transmission Facilities**

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

### 3.7 **Rates**

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

### 3.8 **Operational Support Systems (OSS)**

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

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

- 3.8.1 LSRs submitted by means of one of these interactive interfaces will incur an OSS electronic ordering charge as specified in the table below. An individual LSR will be identified for billing purposes by its Purchase Order Number (PON). LSRs submitted 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, SC	FL, KY, NC, TN
OSS LSR charge, per LSR received from the CLEC by one of the OSS interactive interfaces	\$3.50	\$3.50
	SOMECH	SOMECH
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

### 3.8.2 Denial/Restoral OSS Charge

In the event ECI 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.

### 3.8.3 Cancellation OSS Charge

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

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

### 3.8.4 Network Elements and Other Services Manual Additive

- 3.8.4.1 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 A.

#### **4. Enhanced Extended Link (EEL)**

4.1 Where facilities permit and where necessary to comply with an effective FCC and/or State Commission order, BellSouth shall offer access to the Enhanced Extended Link ("EEL") as defined in Section 4.3 below.

##### **4.2 Definition**

4.2.1 For purposes of this Amendment, 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.

4.2.2 BellSouth will provide access to the Enhanced Extended Link ("EEL") in the combinations set forth in 4.3 following. This offering is intended to provide connectivity from an end user's location through that end user's SWC and then connected to the ECI's POP serving wire center. The circuit must be connected to the ECI's circuit switch for the purpose of provisioning circuit switched telephone exchange service to the ECI's end-user customers. This can be done either in the collocation space at the POP SWC, or by using BellSouth's access facilities between the ECI's POP and ECI's collocation space at the POP SWC.

4.2.3 BellSouth shall provide combinations of loops and transport to ECI in Georgia regardless of whether or not such combinations of loops and transport are Currently Combined. Other combinations of network elements that are not Currently Combined but that BellSouth ordinarily combines in its network shall be made available to ECI in Georgia in accordance with Section 4.5.1.3 below. In all other states, BellSouth shall make available to ECI those EEL combinations and transport described in Section 4.3 below only to the extent such combinations of loop and transport network elements are Currently Combined. BellSouth will make available new combinations of loops and transport network elements in density Zone 1, as defined in 47 C.F.R. 69.123 as of January 1, 1999, of the Miami, Orlando, Fort Lauderdale, Charlotte, New Orleans, Greensboro and Nashville MSAs to ECI if ECI's customer has four (4) or more DS0 equivalent lines. Except as stated above, other combinations of network elements will be provided to ECI only to the extent such network elements are Currently Combined.

4.2.4 Additionally, there may be instances wherein ECI will require multiplexing functionality. BellSouth will provide access to multiplexing within the central office pursuant to the terms, conditions and rates set forth in its Access Services Tariffs when the customer utilizes special access interoffice facilities. Multiplexing will be

provided pursuant to the interconnection agreement when unbundled network elements are used for interoffice transport.

#### 4.3 EEL Combinations

- 4.3.1 - 2-wire voice grade extended loop with DS1 Dedicated Interoffice Transport;
- 4.3.2 - 4-wire voice grade extended loop with DS1 Dedicated Interoffice Transport;
- 4.3.3 - 4-wire 56 or 64 kbps extended digital loop with Dedicated DS1 Interoffice Transport;
- 4.3.4 - Extended 2-wire VG Dedicated Local Channel with Dedicated DS1 Interoffice Transport;
- 4.3.5 - Extended 4-wire VG Dedicated Local Channel with Dedicated DS1 Interoffice Transport;
- 4.3.6 - Extended 4-wire DS1 Digital Loop with Dedicated DS1 Interoffice Transport;
- 4.3.7 - Extended 4-wire DS1 Digital Loop with Dedicated DS3 Interoffice Transport; and
- 4.3.8 - Extended DS1 Dedicated Local Channel with Dedicated DS3 Interoffice Transport.

#### 4.4 Special Access Service Conversions

- 4.4.1 ECI may not convert special access services to combinations of loop and transport network elements, whether or not ECI self-provides its entrance facilities (or obtains entrance facilities from a third party), unless ECI 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 ECI converts its special access services to combinations of loop and transport network elements at UNE prices, ECI, hereby, certifies that it is providing a significant amount of local exchange service over such combinations. BellSouth may at its sole discretion audit ECI records in order to verify the type of traffic being transmitted over combinations of loop and transport network elements. If, based on its audits, BellSouth concludes that ECI 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 ECI.
- 4.4.2 EEL combinations for DS1 level and above will be available only when ECI 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.
- 4.4.3 When combinations of loop and transport network elements include multiplexing, each of the individual DS1 circuits must meet the above criteria.
- 4.5 Rates
- 4.5.1 Georgia
- 4.5.1.1 The non-recurring and recurring rates for the EEL Combinations of network elements set forth in 4.3, whether Currently Combined or new, are as set forth in Exhibit A of this Amendment.
- 4.5.1.2 On an interim basis, for combinations of loop and transport network facilities not set forth in Section 4.3, 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.
- 4.5.1.3 To the extent that ECI seeks to obtain other combinations of loop and transport network elements that BellSouth ordinarily combines in its network which have not been specifically priced by the Commission when purchased in combined form, ECI, at its option, can request that such rates be determined pursuant to the Bona Fide Request/New Business Request (NBR) process set forth in the Agreement.
- 4.5.2 All Other States
- 4.5.2.1 Subject to Section 4.2.3 preceding, for all other states, the non-recurring and recurring rates for the Currently Combined EEL combinations set forth in Section 1.3 and other Currently Combined loop and transport network elements will be the sum of the non-recurring and recurring rates for the individual network elements unless otherwise negotiated by the parties.

## **5. Port/Loop Combinations**

- 5.1 At ECI's request, BellSouth shall provide access to combinations of port and loop network elements, as set forth in Section 1.4 below, that are currently combined in BellSouth's network except as specified in Sections 5.1.1 and 5.1.2 below.
- 5.1.1 BellSouth is not required to provide access to combinations of port and loop network elements in locations where BellSouth is not required to provide circuit switching.
- 5.1.2 BellSouth is not required to provide circuit switching in density Zone 1, as defined in 47 C.F.R. 69.123 as of January 1, 1999, of the Atlanta, Miami, Orlando, Fort



Lauderdale, Charlotte, New Orleans, Greensboro and Nashville MSAs to ECI if ECI's customer has 4 or more DS0 equivalent lines.

5.2 Definition

5.2.1 For purposes of this Amendment, references to Currently Combined network elements shall mean that such network elements are in fact already combined in the BellSouth network to provide service to a particular end user at a particular location.

5.2.2 Combinations of port and loop network elements provide local exchange service for the origination or termination of calls. Section 5.4 following provides the combinations of port and loop network elements that may be ordered by ECI when currently combined except in those locations where BellSouth is not required to provide circuit switching, as set forth in Section 5.1.2 above.

5.2.3 In Georgia, BellSouth shall provide combinations of port and loop network elements to ECI 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 5.1.2 above.

5.3 Rates for Combinations of Loop and Port Network Elements

5.3.1 Rates for combinations of loop and port network elements, as set forth in Section 5.4, are provided in Exhibit A of this Attachment

5.3.2 Rates for Circuit Switching

5.3.2.1 Rates for circuit switching, where BellSouth is not required, pursuant to Section 5.1, to provide circuit switching are as set forth in Exhibit A of this Attachment.

5.4 Combination Offerings

5.4.1 2-wire voice grade port, voice grade loop, virtual cross connect, 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.

5.4.2 2-wire voice grade DID port, voice grade loop, virtual cross connect, 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.

5.4.3 2-wire CENTREX port, voice grade loop virtual cross connect, 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.

- 5.4.4. 2-wire ISDN Basic Rate Interface, voice grade loop virtual cross connect, 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.
- 5.4.5 2-wire ISDN Primary Rate Interface, DS1 loop virtual cross connect, 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.
- 5.4.6 4-wire DS1 Trunk port, DS1 Loop virtual cross connect, 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 and Dark Fiber**

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

### **6.1. Transport**

#### **6.1.1 Definition of Common (Shared) Transport**

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

#### **6.1.2 Technical Requirements of Common (Shared) Transport**

- 6.1.2.1 Common (Shared) Transport provided on DS1 or VT1.5 circuits, shall, at a minimum, meet the performance, availability, jitter, and delay requirements specified for Central Office to Central Office (“CO to CO”) connections in the appropriate industry standards.
- 6.1.2.2 Common (Shared) Transport provided on DS3 circuits, STS-1 circuits, and higher transmission bit rate circuits, shall, at a minimum, meet the performance, availability, jitter, and delay requirements specified for CO to CO connections in the appropriate industry standards.
- 6.1.2.3 BellSouth shall be responsible for the engineering, provisioning, and maintenance of the underlying equipment and facilities that are used to provide Common (Shared) Transport.

- 6.1.2.4 At a minimum, Common (Shared) Transport shall meet all of the requirements set forth in the applicable industry standard technical references.
- 6.2 Interoffice transmission facility network elements include:
  - 6.2.1 Dedicated transport, defined as BellSouth's transmission facilities, including all technically feasible capacity-related services including, but not limited to, DS1, DS3 and OCn levels, dedicated to a particular customer or carrier, that provide telecommunications between wire centers or switches owned by BellSouth, or between wire centers and switches owned by BellSouth and ECI.
  - 6.2.2 Dark Fiber transport, defined as BellSouth's optical transmission facilities without attached multiplexing, aggregation or other electronics;
  - 6.2.3 Shared transport, defined as transmission facilities shared by more than one carrier, including BellSouth, between end office switches, between end office switches and tandem switches, and between tandem switches, in BellSouth's network.
  - 6.2.4 BellSouth shall:
    - 6.2.4.1 Provide ECI exclusive use of interoffice transmission facilities dedicated to a particular customer or carrier, or shared use of the features, functions, and capabilities of interoffice transmission facilities shared by more than one customer or carrier;
    - 6.2.4.2 Provide all technically feasible transmission facilities, features, functions, and capabilities that ECI could use to provide telecommunications services;
    - 6.2.4.3 Permit, to the extent technically feasible, ECI to connect such interoffice facilities to equipment designated by ECI, including but not limited to, ECI's collocated facilities; and
    - 6.2.4.4 Permit, to the extent technically feasible, ECI to obtain the functionality provided by BellSouth's digital cross-connect systems in the same manner that BellSouth provides such functionality to interexchange carriers.
  - 6.2.5 Provided that the facility is used to transport a significant amount of local exchange services ECI shall be entitled to convert existing interoffice transmission facilities (i.e., special access) to the corresponding interoffice transport network element option.

### **6.3 Dedicated Transport**

#### **6.3.1 Definitions**

- 6.3.2 Dedicated Transport is defined as BellSouth transmission facilities dedicated to a particular customer or carrier that provide telecommunications between wire centers

owned by BellSouth or requesting telecommunications carriers, or between switches owned by BellSouth or requesting telecommunications carriers.

6.3.3 Unbundled Local Channel

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

6.3.5 Unbundled Interoffice Channel.

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

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

6.3.7.1 As capacity on a shared UNE facility.

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

6.3.8 When Dedicated Transport is provided it shall include:

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

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

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

6.3.10 Technical Requirements

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

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

6.3.10.3 BellSouth shall offer Dedicated Transport in all technologies that become available including, but not limited to, (1) DS0, DS1 and DS3 transport services, and (2) SONET at available transmission bit rates.

- 6.3.10.4 For DS1 or VT1.5 circuits, Dedicated Transport shall, at a minimum, meet the performance, availability, jitter, and delay requirements specified for Customer Interface to Central Office (“CI to CO”) connections in the appropriate industry standards.
- 6.3.10.5 Where applicable, for DS3, Dedicated Transport shall, at a minimum, meet the performance, availability, jitter, and delay requirements specified for CI to CO connections in the appropriate industry standards.
- 6.3.10.6 BellSouth shall offer the following interface transmission rates for Dedicated Transport:
  - 6.3.10.6.1 DS0 Equivalent;
  - 6.3.10.6.2 DS1 (Extended SuperFrame - ESF);
  - 6.3.10.6.3 DS3 (signal must be framed);
  - 6.3.10.6.4 SDH (Synchronous Digital Hierarchy) Standard interface rates in accordance with International Telecommunications Union (ITU) Recommendation G.707 and Plesiochronous Digital Hierarchy (PDH) rates per ITU Recommendation G.704.
  - 6.3.10.6.5 When Dedicated Transport is provided, BellSouth shall design it according to BellSouth’s network infrastructure to allow for the termination points specified by ECI.
- 6.3.11 At a minimum, Dedicated Transport shall meet each of the requirements set forth in the applicable industry technical references.
  - 6.3.11.1 BellSouth Technical References:
    - 6.3.11.2 TR-TSY-000191 Alarm Indication Signals Requirements and Objectives, Issue 1, May 1986.
    - 6.3.11.3 TR 73501 LightGate<sup>®</sup> Service Interface and Performance Specifications, Issue D, June 1995.
    - 6.3.11.4 TR 73525 MegaLink<sup>®</sup> Service, MegaLink Channel Service & MegaLink Plus Service Interface and Performance Specifications, Issue C, May 1996.
- 6.4 Dark Fiber**
  - 6.4.1 Definition

- 6.4.2 Dark Fiber is optical transmission facilities without attached multiplexing, aggregation or other electronics that connects two points within BellSouth's network. Dark Fiber also includes strands of optical fiber existing in aerial or underground cable which may have lightwave repeater (regenerator or optical amplifier) equipment interspliced to it at appropriate distances, but which has no line terminating elements terminated to such strands to operationalize its transmission capabilities. 6.4.2 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. No regeneration or optical amplification will be included with this element.
- 6.4.3 Requirements
- 6.4.3.1 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 ECI.
- 6.4.3.2 If the requested dark fiber has any lightwave repeater equipment interspliced to it, BellSouth will remove such equipment at ECI's request subject to time and materials charges.
- 6.4.3.3 ECI may test the quality of the Dark Fiber to confirm its usability and performance specifications.
- 6.4.3.4 BellSouth shall use its best efforts to provide to ECI 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 ECI ("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 ECI's use and may not allow any other party to use such media, including BellSouth.
- 6.4.3.5 BellSouth shall use its best efforts to make Dark Fiber available to ECI within thirty (30) business days after it receives written confirmation from ECI that the Dark Fiber previously deemed available by BellSouth is wanted for use by ECI. This includes identification of appropriate connection points (e.g., Light Guide Interconnection (LGX) or splice points) to enable ECI to connect or splice ECI provided transmission media (e.g., optical fiber) or equipment to the Dark Fiber.
- 6.4.3.6 Dark Fiber shall meet the manufacturer's design specifications.

- 6.4.3.7 ECI may splice and test Dark Fiber obtained from BellSouth using ECI or ECI 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.

## 6.5 Rates

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

## 6.6 Operational Support Systems (OSS)

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

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

- 6.6.1 LSRs submitted by means of one of these interactive interfaces will incur an OSS electronic ordering charge as specified in the table below. An individual LSR will be identified for billing purposes by its Purchase Order Number (PON). LSRs submitted 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, SC	FL, KY, NC, TN
OSS LSR charge, per LSR received from the CLEC by one of the OSS interactive interfaces	\$3.50	\$3.50
	SOMECH	SOMECH
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

### 6.6.2 Denial/Restoral OSS Charge

In the event ECI 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.

### 6.6.3 Cancellation OSS Charge

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

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

#### 6.6.4 Network Elements and Other Services Manual Additive

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 A.



## **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 ECI. BellSouth shall provide 8XX TFD in accordance with the following:

#### **7.1.2 Technical Requirements**

**7.1.2.1** BellSouth shall provide ECI 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 ECI.

**7.1.2.3** The SCP shall also provide, at ECI'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 ECI shall pay to BellSouth for Network Elements and Other Services are set forth in Exhibit C to this Attachment.

## **8 Line Information Database (LIDB)**

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

8.2 BellSouth will store in its LIDB only records relating to service in the BellSouth region. The LIDB Storage Agreement is included in this Attachment.

### **8.2.1 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 ECI any additional capabilities that are developed for LIDB during the life of this Agreement.

8.2.4.1 BellSouth shall process ECI's Customer records in LIDB at least at parity with BellSouth customer records, with respect to other LIDB functions. BellSouth shall indicate to ECI 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 ECI, BellSouth shall provide ECI with a list of the customer data items, which ECI 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 ECI data to the LIDB shall be solely at the direction of ECI. Such direction from ECI 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 ECI data upon ECI'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 ECI customer records will be missing from LIDB, as measured by ECI audits. BellSouth will audit ECI records in LIDB against DBAS to identify record mismatches and provide this data to a designated ECI contact person to resolve the status of the records and BellSouth will update system appropriately. BellSouth will refer record of mismatches to ECI within one business day of audit. Once reconciled records are received back from ECI, 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 ECI 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 ECI'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 ECI 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 ECI and BellSouth.
- 8.2.4.11 BellSouth shall prevent any access to or use of ECI 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 ECI in writing.
- 8.2.4.12 BellSouth shall provide ECI 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 ECI at least at parity with BellSouth Customer Data. BellSouth shall obtain from ECI the screening information associated with LIDB Data Screening of ECI 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 ECI 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 ECI customer records, and shall return responses in accordance with industry standards.
- 8.2.4.14 BellSouth shall provide mean processing time at the LIDB within 0.50 seconds under normal conditions as defined in industry standards.
- 8.2.4.15 BellSouth shall provide processing time at the LIDB within 1 second for 99% of all messages under normal conditions as defined in industry standards.

#### 8.2.5 Interface Requirements

8.2.6 BellSouth shall offer LIDB in accordance with the requirements of this subsection.

8.2.6.1 The interface to LIDB shall be in accordance with the technical references contained within.

8.2.6.2 The CCS interface to LIDB shall be the standard interface described herein.

8.2.6.3 The LIDB Data Base interpretation of the ANSI-TCAP messages shall comply with the technical reference herein. Global Title Translation shall be maintained in the signaling network in order to support signaling network routing to the LIDB.

### **8.3 Rates**

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

## **9 Signaling**

- 9.1 All of the negotiated rates, terms and conditions set forth in this Section pertain to the provision of Signaling Transport Services.
- 9.2 BellSouth agrees to offer access to signaling and access to BellSouth's signaling databases subject to compatibility testing and at the rates set forth in this Attachment. BellSouth may provide mediated access to BellSouth signaling systems and databases. Available signaling elements include signaling links, signal transfer points and service control points. Signaling functionality will be available with both A-link and B-link connectivity.

### **9.3 Signaling Link Transport**

- 9.3.1 Definition Signaling Link Transport is a set of two or four dedicated 56 Kbps. transmission paths between CLEC-designated Signaling Points of Interconnection (SPOI) that provides appropriate physical diversity.
- 9.3.2 Technical Requirements
- 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 ECI 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 ECI 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 ECI 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 ECI 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 ECI database, then ECI agrees to provide BellSouth with the Destination Point Code for the ECI database.
- 9.4.2.6 STPs shall provide on a non-discriminatory basis all functions of the OMAP commonly provided by STPs, as specified in the reference in Section 12.4.5 of this Attachment. All OMAP functions will be on a "where available" basis and can include:
- 9.4.2.6.1 MTP Routing Verification Test (MRVT); and
- 9.4.2.6.2 SCCP Routing Verification Test (SRVT).
- 9.4.2.7 In cases where the destination signaling point is a BellSouth local or tandem switching system or database, or is an ECI 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 ECI and BellSouth.

9.4.2.8 STPs shall be on parity with BellSouth.

9.4.2.9 SS7 Advanced Intelligent Network (AIN) Access

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

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

9.4.3 Interface Requirements

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

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

9.4.3.1.2 A B-link interface from ECI 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 ECI local switching systems or STPs with BellSouth STPs as soon as these become approved ANSI standards and available capabilities of BellSouth STPs. BellSouth and ECI 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 ECI 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 ECI local or tandem switching systems destined to any signaling point within BellSouth's SS7 network where the ECI 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 ECI local or tandem switching systems destined to any signaling point or network accessed through BellSouth's SS7 network where the ECI 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 ECI from any signaling point or network interconnected through BellSouth's SS7 network where the ECI 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 Technical Requirements for SCPs/Databases

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 ECI in accordance with the following requirements.

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

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

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

### 9.5.4 Database Availability

9.5.4.1 Call processing databases shall have a maximum unscheduled availability of 30 minutes per year. Unavailability due to software and hardware upgrades shall be scheduled during minimal usage periods and only be undertaken upon proper notification to providers, which might be impacted. Any downtime associated with the provision of call processing related databases will impact all service providers, including BellSouth, equally.

9.5.4.2 The operational interface provided by BellSouth shall complete Database transactions (i.e., add, modify, delete) for ECI 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 Definition

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 Definition.

9.7.2 SS7 Network Interconnection is the interconnection of ECI local Signaling Transfer Point Switches (STP) and ECI 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), ECI local or tandem switching systems, and other third-party switching systems directly connected to the BellSouth SS7 network.

9.7.3 Technical Requirements

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 ECI 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 ECI 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 ECI 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 ECI local or tandem switching system, SS7 Network Interconnection shall include intermediate GTT of messages to a gateway pair of ECI local STPs, and shall not include SCCP Subsystem Management of the destination.
- 9.7.9 SS7 Network Interconnection shall provide all functions of the Integrated Services Digital Network User Part (ISDNUP), as specified in ANSI T1.113.
- 9.7.10 SS7 Network Interconnection shall provide all functions of the TCAP, as specified in ANSI T1.114.
- 9.7.11 If and when Internetwork MTP Routing Verification Test (MRVT) and SCCP Routing Verification Test (SRVT) become approved ANSI standards and available capabilities of BellSouth STPs, SS7 Network Interconnection shall provide these functions of the OMAP.
- 9.7.12 SS7 Network Interconnection shall be equal to or better than the following performance requirements:
- 9.7.12.1 MTP Performance, as specified in ANSI T1.111.6;
- 9.7.12.2 SCCP Performance, as specified in ANSI T1.112.5; and
- 9.7.12.3 ISDNUP Performance, as specified in ANSI T1.113.5.
- 9.7.13 Interface Requirements
- 9.7.13.1 BellSouth shall offer the following SS7 Network Interconnection options to connect ECI or ECI-designated local or tandem switching systems or STPs to the BellSouth SS7 network:
- 9.7.13.1.1 A-link interface from ECI local or tandem switching systems; and
- 9.7.13.1.2 B-link interface from ECI 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 ECI local switching systems or STPs with BellSouth STPs as soon as these become approved ANSI standards and available capabilities of BellSouth STPs. BellSouth and ECI 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 ECI 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 ECI local or tandem switching systems destined to any signaling point in the BellSouth SS7 network with which the ECI 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 ECI shall pay to BellSouth for Network Elements and Other Services are set forth in Exhibit C to this Attachment.

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

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

**10.2 Operator Systems**

10.2.1 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 ECI 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 ECI 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 ECI 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 ECI 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 ECI.
- 10.3.2.1.16 BellSouth shall provide a feed of customer call records in “EMI” format to ECI 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 ECI, 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 ECI'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, ECI 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 ECI 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 ECI 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 ECI 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 ECI 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 ECI to have its calls custom branded with ECI'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 ECI 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 ECI for Resale or use with an Unbundled Port when routing to an operator service provider other than BellSouth).
- 10.4.6 For Resellers and Use with an Unbundled Port
  - 10.4.6.1 BellSouth Branding is the Default Service Level.
  - 10.4.6.2 Unbranding, Custom Branding, and Self Branding require ECI to order selective routing for each originating BellSouth end office identified by ECI. Rates for Selective Routing are set forth in this Attachment.

- 10.4.6.3 Customer Branding and Self Branding require ECI to order dedicated trunking from each BellSouth end office identified by ECI, to either the BellSouth Traffic Operator Position System (TOPS) or ECI 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 ECI 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 ECI 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 ECI 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 ECI 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. ECI end users may use the same dialing arrangements as BellSouth end users, but obtain a ECI 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 ECI 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)). ECI 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, ECI agrees not to disclose DADS to others and shall provide due care in providing for the security and confidentiality of DADS. Further, ECI authorizes the inclusion of ECI Directory Assistance listings in the BellSouth Directory Assistance products.
- 10.5.2 BellSouth shall provide ECI initially with a base file of subscriber listings which reflect all listing change activity occurring since ECI’s most recent update via magnetic tape, and subsequently using electronic connectivity such as Network Data Mover to be developed mutually by ECI and BellSouth. ECI agrees to assume the costs associated with CONNECT: Direct<sup>TM</sup> 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 ECI on a Business, Residence, or combined Business and Residence basis. ECI agrees that the updates shall be used solely to keep the information current. Delivery of Daily Updates will commence the day after ECI receives the Base File.
- 10.5.4 BellSouth is authorized to include ECI Directory Assistance Listing Information in its Directory Assistance Database Service (DADS). Any other use by BellSouth of ECI 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 ECI.
- 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 ECI’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 ECI to utilize its own switch, operator workstations and optional audio subsystems.
- 10.6.2 BellSouth will provide DADAS from its DA location. ECI will access the DADAS system via a telephone company provided point of availability. ECI 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 ECI subsystem will be provided by BellSouth. Interconnection between ECI's system and a specified BellSouth location will be pursuant to the use of ECI owned or ECI leased facilities and shall be appropriate sized based upon the volume of queries being generated by ECI.
- 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 Technical Requirements
- 10.7.2.1 ellSouth shall offer ECI a data link to the ALI/DMS database or permit ECI to provide its own data link to the ALI/DMS database. BellSouth shall provide error reports from the ALI/DMS database to ECI immediately after ECI inputs information into the ALI/DMS database. Alternately, ECI 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 ECI requests otherwise and shall be updated if ECI requests, provided ECI 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 ECI end users shall meet industry standards.

### 10.8 Rates

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

**11. Calling Name (CNAM) Database Service**

- 11.1 All of the negotiated rates, terms and conditions set forth in this Section pertain to the provision of CNAM.
- 11.2 The Agreement for Calling Name (CNAM) with standard pricing is included as Exhibit B to this Attachment. ECI must provide to its account manager a written request with a requested activation date to activate this service. If ECI is interested in requesting CNAM with volume and term pricing, ECI 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 ECI the capability that will allow ECI 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 ECI. Scheduling procedures shall provide ECI equivalent priority to these resources.
- 11.4.2 BellSouth SCP shall partition and protect ECI service logic and data from unauthorized access, execution or other types of compromise.
- 11.4.3 When ECI selects SCE/SMS AIN Access, BellSouth shall provide training, documentation, and technical support to enable ECI 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 ECI selects SCE/SMS AIN Access, BellSouth shall provide for a secure, controlled access environment in association with its internal use of AIN components. ECI access will be provided via remote data connection (e.g., dial-in, ISDN).

- 11.4.5 When ECI selects SCE/SMS AIN Access, BellSouth shall allow ECI 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 ECI shall pay to BellSouth for Network Elements and Other Services are set forth in Exhibit C to this Attachment.

**12. Basic 911 and E911**

12.1 All of the negotiated terms and conditions set forth in this Section pertain to the provision of Basic 911 and E911.

12.2 If ECI orders network elements and other services, then ECI is also responsible for providing E911 to its end users. BellSouth agrees to offer access to the 911/E911 network pursuant to the following terms and conditions set forth in this Attachment.

12.3 Definition

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

12.5 Requirements

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

12.5.2 E911 Service Provisioning. For E911 service, ECI will be required to install a minimum of two dedicated trunks originating from the ECI 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. ECI will be required to provide BellSouth daily updates to the E911 database. ECI 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, ECI 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. ECI 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 ECI beyond applicable charges for BellSouth trunking arrangements.
- 12.5.4 Basic 911 and E911 functions provided to ECI 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 ECI to follow in providing 911/E911 services.
- 13. True-Up**
- This section applies only to North Carolina and 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 16 of the General Terms and Conditions and Attachment 1 of the Agreement.

- 13.3 The Parties may continue to negotiate toward final prices, but in the event that no such Agreement is reached within nine (9) months, either Party may petition the Commission to resolve such disputes and to determine final prices for each item. Alternatively, upon mutual agreement, the Parties may submit the matter to the Dispute Resolution Process set forth in Section 16 of the General Terms and Conditions and Attachment 1 of the Agreement, so long as they file the resulting Agreement with the Commission as a “negotiated Agreement” under Section 252(e) of the Act.
- 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 ECI 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 ECI and pursuant to which BellSouth, its LIDB customers and ECI shall have access to such information. ECI 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 ECI, 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 ECI of fraud alerts so that ECI may take action it deems appropriate. ECI understands and agrees BellSouth will administer all data stored in the LIDB, including the data provided by ECI pursuant to this Agreement, in the same manner as BellSouth's data for BellSouth's end user customers. BellSouth shall not be responsible to ECI 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.

ECI understands that BellSouth currently has in effect numerous billing and collection agreements with various interexchange carriers and billing clearing houses. ECI 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, ECI 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 ECI'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 ECI's data from BellSouth's data and the Parties to

this Agreement execute appropriate amendments hereto, the following terms and conditions shall apply:

- (a) ECI agrees that it will accept responsibility for telecommunications services billed by BellSouth for its billing and collection customers for ECI's end user accounts which are resident in LIDB pursuant to this Agreement. ECI authorizes BellSouth to place such charges on ECI's bill from BellSouth and agrees that it shall pay all such charges. Charges for which ECI 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) ECI shall have the responsibility to render a billing statement to its end users for these charges, but ECI's obligation to pay BellSouth for the charges billed shall be independent of whether ECI is able or not to collect from ECI's end users.
- (d) BellSouth shall not become involved in any disputes between ECI and the entities for which BellSouth performs billing and collection. BellSouth will not issue adjustments for charges billed on behalf of an entity to ECI. It shall be the responsibility of ECI 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. ECI will not be charged a fee for storage services provided by BellSouth to ECI, 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 ECI. ECI shall have the right to have BellSouth contest with the imposing jurisdiction, at ECI's expense, any such taxes that ECI 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. ECI 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 ECI 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 ECI 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.

**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 \_\_\_\_\_ ("ECI"), effective the \_\_\_\_ day of \_\_\_\_\_, \_\_\_\_.

**I. GENERAL**

This Addendum sets forth the terms and conditions for ECI'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 ECI, 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 ECI 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 ECI.
- C. Special billing number - a ten digit number that identifies a billing account established by ECI.
- D. Calling Card number - a billing number plus PIN number.
- E. PIN number - a four digit security code assigned by ECI 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 ECI.
- 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 ECI.

### **III. RESPONSIBILITIES OF PARTIES**

- A. ECI 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 ECI. Under normal operating conditions, BellSouth shall include ECI'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 ECI'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 ECI 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 ECI, and where the last four digits (PIN) are a security code assigned by ECI.
  - 2. Determine whether ECI or the subscriber has identified the billing number as one which should not be billed for collect or third number calls, or both.
- E. ECI will provide its own billing number information to BellSouth for storage and to be used for Billed Number Screening and Calling Card Validation. ECI will arrange and pay for transport of updates to BellSouth.

### **IV. COMPLIANCE**

Unless expressly authorized in writing by ECI, 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 ECI 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 ECI access to the BellSouth CNAM SCP for query or record storage purposes.

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

### **3. Physical Connection and Compensation**

- 3.1 BellSouth's provision of CNAM Database Services to ECI requires interconnection from ECI 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, ECI shall provide its own CNAM SSP. ECI's CNAM SSPs must be compliant with TR-NWT-001188, "CLASS Calling Name Delivery Generic Requirements".
- 3.3 If ECI 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 ECI 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 ECI for initial CNAM record load and/or updates shall be determined by mutual agreement. The initial load and all updates shall be provided by ECI in the BellSouth specified format and shall contain records for every

- working telephone number that can originate phone calls. It is the responsibility of ECI 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 ECI 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.

BELLSOUTH/CLEC-1 RATES  
NETWORK ELEMENTS  
AND OTHER SERVICES

DESCRIPTION	USOC	RATES BY STATE								
		AL	FL	GA	KY	LA	MS	NC	SC	TN
<b>NIDs</b>										
<b>NID (all types), per month</b>	UNDAX	NA	\$1.08	NA	\$1.80	NA	NA	\$0.52	NA	\$0.56
<b>Installation of 2-Wire/4Wire CLEC NID</b>	UNDAX									
NRC - 1st	UNDAX	NA	\$70.32	NA	NA	NA	NA	NA	NA	NA
NRC - Add'l	UNDAX	NA	\$54.35	NA	NA	NA	NA	NA	NA	NA
<b>NID to NID Cross Connect, 2-Wire or 4-Wire, NRC</b>	UNDC2	NA	\$6.15	NA	NA	NA	NA	NA	NA	NA
<b>NID per 2-Wire Analog VG Loop, Per Month</b>	UNDAX	\$1.18	NA	\$1.10	NA	\$1.09	\$1.22	NA	\$1.13	NA
NRC - 1st	UNDAX	\$1.44	NA	\$2.10	NA	\$2.02	\$2.84	NA	\$1.36	NA
NRC - Add'l	UNDAX	\$1.44	NA	\$2.10	NA	\$2.02	\$2.84	NA	\$1.36	NA
NRC - Disconnect Charge - 1st	UNDAX	\$1.44	NA	NA	NA	\$2.01	\$2.84	NA	NA	NA
NRC - Disconnect Charge - Add'l	UNDAX	\$1.44	NA	NA	NA	\$2.01	\$2.84	NA	NA	NA
NRC - Incremental Charge - Manual Service Order - 1st	SOMAN	\$27.37	NA	\$18.94	NA	\$18.14	\$25.52	NA	\$44.42	NA
NRC - Incremental Charge - Manual Service Order - Add'l	SOMAN	\$12.97	NA	\$8.42	NA	\$8.06	\$11.34	NA	\$13.55	NA
NRC - Incremental Charge - Manual Service Order - Disconnect	SOMAN	\$17.77	NA	NA	NA	\$11.41	\$16.06	NA	NA	NA
<b>NID per 4-Wire Analog VG Loop, Per Month</b>	UNDAX	\$1.30	NA	\$1.21	NA	\$1.22	\$1.34	NA	\$1.25	NA
NRC - 1st	UNDAX	\$1.44	NA	\$2.10	NA	\$2.02	\$2.84	NA	\$1.35	NA
NRC - Add'l	UNDAX	\$1.44	NA	\$2.10	NA	\$2.02	\$2.84	NA	\$1.35	NA
NRC - Disconnect Charge - 1st	UNDAX	\$1.44	NA	NA	NA	\$2.01	\$2.84	NA	NA	NA
NRC - Disconnect Charge - Add'l	UNDAX	\$1.44	NA	NA	NA	\$2.01	\$2.84	NA	NA	NA
NRC - Incremental Charge - Manual Service Order - 1st	SOMAN	\$27.37	NA	\$18.94	NA	\$18.14	\$25.52	NA	\$44.06	NA
NRC - Incremental Charge - Manual Service Order - Add'l	SOMAN	\$12.97	NA	\$8.42	NA	\$8.06	\$11.34	NA	\$13.55	NA
NRC - Incremental Charge - Manual Service Order - Disconnect	SOMAN	\$17.77	NA	NA	NA	\$11.41	\$16.06	NA	NA	NA
<b>NID per 2-Wire ISDN Digital VG Loop, Per Month</b>	UNDAX	\$1.18	NA	\$1.10	NA	\$1.08	\$1.22	NA	\$1.13	NA
NRC - 1st	UNDAX	\$1.44	NA	\$2.10	NA	\$2.02	\$2.84	NA	\$1.36	NA
NRC - Add'l	UNDAX	\$1.44	NA	\$2.10	NA	\$2.02	\$2.84	NA	\$1.36	NA
NRC - Disconnect Charge - 1st	UNDAX	\$1.44	NA	NA	NA	\$2.01	\$2.84	NA	NA	NA
NRC - Disconnect Charge - Add'l	UNDAX	\$1.44	NA	NA	NA	\$2.01	\$2.84	NA	NA	NA
NRC - Incremental Charge - Manual Service Order - 1st	SOMAN	\$27.37	NA	\$18.94	NA	\$18.14	\$25.52	NA	\$44.42	NA
NRC - Incremental Charge - Manual Service Order - Add'l	SOMAN	\$12.97	NA	\$8.42	NA	\$8.06	\$11.34	NA	\$13.55	NA
NRC - Incremental Charge - Manual Service Order - Disconnect	SOMAN	\$17.77	NA	NA	NA	\$11.41	\$16.06	NA	NA	NA
<b>NID per 2-Wire Asymmetrical Dig Subscriber Line (ADSL) Loop, Per Mo.</b>	UNDAX	\$1.18	NA	\$1.10	NA	\$1.09	\$1.22	NA	\$1.13	NA
NRC - 1st	UNDAX	\$1.44	NA	\$2.10	NA	\$2.02	\$2.84	NA	\$1.36	NA
NRC - Add'l	UNDAX	\$1.44	NA	\$2.10	NA	\$2.02	\$2.84	NA	\$1.36	NA
NRC - Disconnect Charge - 1st	UNDAX	\$1.44	NA	NA	NA	\$2.01	\$2.84	NA	NA	NA
NRC - Disconnect Charge - Add'l	UNDAX	\$1.44	NA	NA	NA	\$2.01	\$2.84	NA	NA	NA
NRC - Incremental Charge - Manual Service Order - 1st	SOMAN	\$27.37	NA	\$18.94	NA	\$18.14	\$25.52	NA	\$44.42	NA
NRC - Incremental Charge - Manual Service Order - Add'l	SOMAN	\$12.97	NA	\$8.42	NA	\$8.06	\$11.34	NA	\$13.55	NA
NRC - Incremental Charge - Manual Service Order - Disconnect	SOMAN	\$17.77	NA	NA	NA	\$11.41	\$16.06	NA	NA	NA
<b>NID per 2-Wire High Bit Rate Dig Subscriber Line (HDSL) Loop</b>	UNDAX	\$1.18	NA	\$1.10	NA	\$1.09	\$1.22	NA	\$1.13	NA
NRC - 1st	UNDAX	\$1.44	NA	\$2.10	NA	\$2.02	\$2.84	NA	\$1.36	NA
NRC - Add'l	UNDAX	\$1.44	NA	\$2.10	NA	\$2.02	\$2.84	NA	\$1.36	NA
NRC - Disconnect Charge - 1st	UNDAX	\$1.44	NA	NA	NA	\$2.01	\$2.84	NA	NA	NA
NRC - Disconnect Charge - Add'l	UNDAX	\$1.44	NA	NA	NA	\$2.01	\$2.84	NA	NA	NA
NRC - Incremental Charge - Manual Service Order - 1st	SOMAN	\$27.37	NA	\$18.94	NA	\$18.14	\$25.52	NA	\$44.42	NA
NRC - Incremental Charge - Manual Service Order - Add'l	SOMAN	\$12.97	NA	\$8.42	NA	\$8.06	\$11.34	NA	\$13.55	NA
NRC - Incremental Charge - Manual Service Order - Disconnect	SOMAN	\$17.77	NA	NA	NA	\$11.41	\$16.06	NA	NA	NA
<b>NID per 4-Wire High Bit Rate Dig Subscriber Line (HDSL) Loop</b>	UNDAX	\$1.30	NA	\$1.21	NA	\$1.21	\$1.34	NA	\$1.25	NA
NRC - 1st	UNDAX	\$1.44	NA	\$2.10	NA	\$2.02	\$2.84	NA	\$1.35	NA
NRC - Add'l	UNDAX	\$1.44	NA	\$2.10	NA	\$2.02	\$2.84	NA	\$1.35	NA
NRC - Disconnect Charge - 1st	UNDAX	\$1.44	NA	NA	NA	\$2.01	\$2.84	NA	NA	NA
NRC - Disconnect Charge - Add'l	UNDAX	\$1.44	NA	NA	NA	\$2.01	\$2.84	NA	NA	NA
NRC - Incremental Charge - Manual Service Order - 1st	SOMAN	\$27.37	NA	\$18.94	NA	\$18.14	\$25.52	NA	\$44.06	NA
NRC - Incremental Charge - Manual Service Order - Add'l	SOMAN	\$12.97	NA	\$8.42	NA	\$8.06	\$11.34	NA	\$13.55	NA
NRC - Incremental Charge - Manual Service Order - Disconnect	SOMAN	\$17.77	NA	NA	NA	\$11.41	\$16.06	NA	NA	NA
<b>NID per 4-Wire 56 Kbps Dig Grade Loop</b>	UNDAX	\$1.30	NA	\$1.21	NA	\$1.21	\$1.34	NA	\$1.25	NA
NRC - 1st	UNDAX	\$1.44	NA	\$2.10	NA	\$2.02	\$2.84	NA	\$1.35	NA
NRC - Add'l	UNDAX	\$1.44	NA	\$2.10	NA	\$2.02	\$2.84	NA	\$1.35	NA
NRC - Disconnect Charge - 1st	UNDAX	\$1.44	NA	NA	NA	\$2.01	\$2.84	NA	NA	NA
NRC - Disconnect Charge - Add'l	UNDAX	\$1.44	NA	NA	NA	\$2.01	\$2.84	NA	NA	NA
NRC - Incremental Charge - Manual Service Order - 1st	SOMAN	\$27.37	NA	\$18.94	NA	\$18.14	\$25.52	NA	\$44.06	NA
NRC - Incremental Charge - Manual Service Order - Add'l	SOMAN	\$12.97	NA	\$8.42	NA	\$8.06	\$11.34	NA	\$13.55	NA
NRC - Incremental Charge - Manual Service Order - Disconnect	SOMAN	\$17.77	NA	NA	NA	\$11.41	\$16.06	NA	NA	NA
<b>NID per 4-Wire 64 Kbps Dig Grade Loop</b>	UNDAX	\$1.30	NA	\$1.21	NA	\$1.21	\$1.34	NA	\$1.25	NA
NRC - 1st	UNDAX	\$1.44	NA	\$2.10	NA	\$2.02	\$2.84	NA	\$1.35	NA

BELLSOUTH/CLEC-1 RATES  
NETWORK ELEMENTS  
AND OTHER SERVICES

			RATES BY STATE									
DESCRIPTION			USOC	AL	FL	GA	KY	LA	MS	NC	SC	TN
		NRC - Add'l	UNDAX	\$1.44	NA	\$2.10	NA	\$2.02	\$2.84	NA	\$1.35	NA
		NRC - Disconnect Charge - 1st	UNDAX	\$1.44	NA	NA	NA	\$2.01	\$2.84	NA	NA	NA
		NRC - Disconnect Charge - Add'l	UNDAX	\$1.44	NA	NA	NA	\$2.01	\$2.84	NA	NA	NA
		NRC - Incremental Charge - Manual Svc Ord - 1st	SOMAN	\$27.37	NA	\$18.94	NA	\$18.14	\$25.52	NA	\$44.06	NA
		NRC - Incremental Charge - Manual Svc Ord - Add'l	SOMAN	\$12.97	NA	\$8.42	NA	\$8.06	\$11.34	NA	\$13.55	NA
		NRC - Incremental Charge - Manual Svc Ord - Disconnect	SOMAN	\$17.77	NA	NA	NA	\$11.41	\$16.06	NA	NA	NA
		NID per 2-Wire Unbundled Copper Loop, per month	UNDAX	\$1.55	\$1.55	\$1.55	\$1.55	\$1.55	\$1.55	\$1.55	\$1.55	\$1.55
		NRC - 1st	UNDAX	\$5.60	\$5.60	\$5.60	\$5.60	\$5.60	\$5.60	\$5.60	\$5.60	\$5.60
		NRC - Add'l	UNDAX	\$5.60	\$5.60	\$5.60	\$5.60	\$5.60	\$5.60	\$5.60	\$5.60	\$5.60
		NRC - Disconnect Charge - 1st	UNDAX	NA	NA	NA	NA	NA	NA	NA	NA	NA
		NRC - Disconnect Charge - Add'l	UNDAX	NA	NA	NA	NA	NA	NA	NA	NA	NA
		NRC - Incremental Charge - Manual Svc. Ord - 1st	SOMAN	\$47.00	\$47.00	\$47.00	\$47.00	\$47.00	\$47.00	\$47.00	\$47.00	\$47.00
		NRC - Incremental Charge - Manual Svc. Ord - Add'l	SOMAN	\$21.00	\$21.00	\$21.00	\$21.00	\$21.00	\$21.00	\$21.00	\$21.00	\$21.00
		NRC - Incremental Charge - Manual Svc. Ord. - Disconnect	SOMAN	NA	NA	NA	NA	NA	NA	NA	NA	NA
		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										
		REC - Statewide, per month	UEAL2	NA	\$17.00	NA	NA	NA	NA	\$16.71	NA	\$18.00
		REC - Zone 1, per month		NA	\$13.75	NA	NA	NA	NA	TBD	NA	\$15.54
		REC - Zone 2, per month		NA	\$20.13	NA	NA	NA	NA	TBD	NA	\$19.55
		REC - Zone 3, per month		NA	\$44.40	NA	NA	NA	NA	TBD	NA	\$28.02
		NRC - 1st	UEAL2	NA	\$140.00	NA	NA	NA	NA	\$86.50	NA	\$58.50
		NRC - Add'l	UEAL2	NA	\$42.00	NA	NA	NA	NA	\$27.80	NA	\$31.00
		NRC - Incremental Charge - Order Coordination - Time Specific (per LSR)	OCOSL	NA	\$55.00	NA	NA	NA	NA	\$55.00	NA	\$55.00
		2-Wire Analog VG Loop-SL1										
		REC - Statewide, per month	UEAL2	\$19.04	\$17.00	\$16.51	NA	\$19.35	\$21.26	\$16.71	\$22.49	\$18.00
		REC - Zone 1, per month		\$16.90	\$13.75	\$14.21	NA	TBD	TBD	TBD	TBD	\$15.54
		REC - Zone 2, per month		\$21.76	\$20.13	\$16.41	NA	TBD	TBD	TBD	TBD	\$19.55
		REC - Zone 3, per month		\$28.48	\$44.40	\$26.08	NA	TBD	TBD	TBD	TBD	\$28.02
		NRC - 1st	UEAL2	\$59.03	\$80.00	\$42.54	NA	\$40.69	\$59.25	\$86.50	\$70.44	\$78.93
		NRC - Add'l	UEAL2	\$43.14	\$55.00	\$31.33	NA	\$29.96	\$43.67	\$27.80	\$44.05	\$50.98
		NRC - Disconnect Charge - 1st	UEAL2	\$15.21	NA	NA	NA	\$16.48	\$16.35	NA	NA	NA
		NRC - Disconnect Charge - Add'l	UEAL2	\$3.22	NA	NA	NA	\$3.36	\$4.06	NA	NA	NA
		NRC - Incremental Charge - Manual Service Order - 1st	SOMAN	\$27.37	NA	\$18.94	NA	\$18.14	\$25.52	NA	\$44.22	NA
		NRC - Incremental Charge - Manual Service Order - Add'l	SOMAN	\$12.97	NA	\$8.42	NA	\$8.06	\$11.34	NA	\$13.55	NA
		NRC - Incremental Charge - Manual Service Order - Disconnect	SOMAN	\$17.77	NA	NA	NA	\$11.41	\$16.06	NA	NA	NA
		NRC - Loop Make-Up	UEANM	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
		2-Wire Analog VG Loop-SL2 w/loop or ground start signaling										
		REC - Statewide, per month	UEAL2	\$22.43	\$17.00	\$19.57	NA	\$22.84	\$25.05	\$25.89	\$26.25	\$26.02

BELLSOUTH/CLEC-1 RATES  
NETWORK ELEMENTS  
AND OTHER SERVICES

DESCRIPTION			USOC	RATES BY STATE								
				AL	FL	GA	KY	LA	MS	NC	SC	TN
		REC - Zone 1, per month		\$19.90	\$13.75	\$16.84	NA	TBD	TBD	TBD	TBD	\$22.46
		REC - Zone 2, per month		\$25.63	\$20.13	\$19.45	NA	TBD	TBD	TBD	TBD	\$28.27
		REC - Zone 3, per month		\$33.55	\$44.40	\$30.92	NA	TBD	TBD	TBD	TBD	\$40.51
		NRC - 1st	UEAL2	\$145.46	\$140.00	\$104.17	NA	\$99.69	\$144.01	\$192.64	\$178.12	\$192.97
		NRC - Add'l	UEAL2	\$108.40	\$42.00	\$78.10	NA	\$74.73	\$107.70	\$140.49	\$128.80	\$140.72
		NRC - Disconnect Charge - 1st	UEAL2	\$40.31	NA	NA	NA	\$28.73	\$40.98	NA	NA	NA
		NRC - Disconnect Charge - Add'l	UEAL2	\$26.01	NA	NA	NA	\$18.87	\$26.95	NA	NA	NA
		NRC - Incremental Charge - Manual Service Order - 1st	SOMAN	\$27.37	NA	\$18.94	NA	\$18.14	\$25.52	NA	\$44.42	NA
		NRC - Incremental Charge - Manual Service Order - Add'l	SOMAN	\$12.97	NA	\$8.42	NA	\$8.06	\$11.34	NA	\$13.55	NA
		NRC - Incremental Charge - Manual Service Order - Disconnect	SOMAN	\$17.77	NA	NA	NA	\$11.41	\$26.95	NA	NA	NA
		NRC - Incremental Charge - Order Coordination - Time Specific (per LSR)	OCOSL	\$45.99	\$55.00	\$34.22	NA	\$32.77	\$45.27	\$55.00	\$45.43	\$55.00
2-Wire Analog VG Loop-SL2 w/ reverse battery signaling												
		REC - Statewide, per month	UEAR2	\$22.43	\$17.00	\$19.57	NA	\$22.84	\$25.05	\$25.89	\$26.25	\$26.02
		REC - Zone 1, per month		\$19.90	\$13.75	\$16.84	NA	TBD	TBD	TBD	TBD	\$22.46
		REC - Zone 2, per month		\$25.63	\$20.13	\$19.45	NA	TBD	TBD	TBD	TBD	\$28.27
		REC - Zone 3, per month		\$33.55	\$44.40	\$30.92	NA	TBD	TBD	TBD	TBD	\$40.51
		NRC - 1st	UEAR2	\$145.46	\$140.00	\$104.17	NA	\$99.69	\$144.01	\$192.64	\$178.12	\$192.97
		NRC - Add'l	UEAR2	\$108.40	\$42.00	\$78.10	NA	\$74.73	\$107.70	\$140.49	\$128.80	\$140.72
		NRC - Disconnect Charge - 1st	UEAR2	\$40.31	NA	NA	NA	\$28.73	\$40.98	NA	NA	NA
		NRC - Disconnect Charge - Add'l	UEAR2	\$26.01	NA	NA	NA	\$18.87	\$26.95	NA	NA	NA
		NRC - Incremental Charge - Manual Service Order - 1st	SOMAN	\$27.37	NA	\$18.94	NA	\$18.14	\$25.52	NA	\$44.42	NA
		NRC - Incremental Charge - Manual Service Order - Add'l	SOMAN	\$12.97	NA	\$8.42	NA	\$8.06	\$11.34	NA	\$13.55	NA
		NRC - Incremental Charge - Manual Service Order - Disconnect	SOMAN	\$17.77	NA	NA	NA	\$11.41	\$26.95	NA	NA	NA
		NRC - Incremental Charge - Order Coordination - Time Specific (per LSR)	OCOCL	\$45.99	\$55.00	\$34.22	NA	\$32.77	\$45.27	\$55.00	\$45.43	\$55.00
2-Wire Analog VG Loop (Standard)												
		REC - Statewide, per month	UEAL2	NA	NA	NA	\$20.00	NA	NA	NA	NA	NA
		REC - Zone 1, per month		NA	NA	NA	\$13.85	NA	NA	NA	NA	NA
		REC - Zone 2, per month		NA	NA	NA	\$19.51	NA	NA	NA	NA	NA
		REC - Zone 3, per month		NA	NA	NA	\$28.36	NA	NA	NA	NA	NA
		NRC - 1st	UEAL2	NA	NA	NA	\$86.08	NA	NA	NA	NA	NA
		NRC - Add'l	UEAL2	NA	NA	NA	\$58.57	NA	NA	NA	NA	NA
		NRC - Loop Make-up	UEANM	NA	NA	NA	TBD	NA	NA	NA	NA	NA
		NRC - Manual Order Coordination	UEAMC	NA	NA	NA	TBD	NA	NA	NA	NA	NA
		NRC - Incremental Charge - Order Coordination - Time Specific (per LSR)	OCOSL	NA	NA	NA	\$55.00	NA	NA	NA	NA	NA
2-Wire Analog VG Loop (Customized), w/ loop or ground start signaling												
		REC - Statewide, per month	UEAL2	NA	NA	NA	\$23.35	NA	NA	NA	NA	NA
		REC - Zone 1, per month		NA	NA	NA	\$16.17	NA	NA	NA	NA	NA
		REC - Zone 2, per month		NA	NA	NA	\$22.77	NA	NA	NA	NA	NA
		REC - Zone 3, per month		NA	NA	NA	\$33.11	NA	NA	NA	NA	NA
		NRC - 1st	UEAL2	NA	NA	NA	\$236.75	NA	NA	NA	NA	NA
		NRC - Add'l	UEAL2	NA	NA	NA	\$177.10	NA	NA	NA	NA	NA
		NRC - Incremental Charge - Order Coordination - Time Specific (per LSR)	OCOSL	NA	NA	NA	\$55.00	NA	NA	NA	NA	NA
2-Wire Analog VG Loop (Customized), w/ reverse battery signaling												
		REC - Statewide, per month	UEAR2	NA	NA	NA	\$23.35	NA	NA	NA	NA	NA
		REC - Zone 1, per month		NA	NA	NA	\$16.17	NA	NA	NA	NA	NA
		REC - Zone 2, per month		NA	NA	NA	\$22.77	NA	NA	NA	NA	NA
		REC - Zone 3, per month		NA	NA	NA	\$33.11	NA	NA	NA	NA	NA
		NRC - 1st	UEAR2	NA	NA	NA	\$236.75	NA	NA	NA	NA	NA
		NRC - Add'l	UEAR2	NA	NA	NA	\$177.10	NA	NA	NA	NA	NA
		NRC - Incremental Charge - Order Coordination - Time Specific (per LSR)	OCOSL	NA	NA	NA	\$55.00	NA	NA	NA	NA	NA
4-Wire Analog VG Loop												
		REC - Statewide, per month	UEAL4	\$30.00	\$30.00	\$25.86	NA	\$31.52	\$30.55	\$27.20	\$35.86	\$18.00
		REC - Zone 1, per month		\$26.62	\$24.26	\$22.26	NA	TBD	TBD	TBD	TBD	\$15.54
		REC - Zone 2, per month		\$34.28	\$35.51	\$25.70	NA	TBD	TBD	TBD	TBD	\$19.55
		REC - Zone 3, per month		\$44.87	\$78.35	\$40.85	NA	TBD	TBD	TBD	TBD	\$28.02
		NRC - 1st	UEAL4	\$293.70	\$141.00	\$206.95	NA	\$198.10	\$289.06	\$86.50	\$383.39	\$58.50
		NRC - Add'l	UEAL4	\$241.76	\$43.00	\$170.57	NA	\$163.26	\$238.19	\$27.80	\$286.77	\$31.00
		NRC - Disconnect Charge - 1st	UEAL4	\$108.96	NA	NA	NA	\$74.27	\$108.14	NA	NA	NA
		NRC - Disconnect Charge - Add'l	UEAL4	\$57.01	NA	NA	NA	\$39.44	\$57.28	NA	NA	NA
		NRC - Incremental Charge - Manual Service Order - 1st	SOMAN	\$27.37	NA	\$18.94	NA	\$18.14	\$25.52	NA	\$44.06	NA
		NRC - Incremental Charge - Manual Service Order - Add'l	SOMAN	\$12.97	NA	\$8.42	NA	\$8.06	\$11.34	NA	\$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	\$55.00	\$45.43	\$55.00
4-Wire Analog VG Loop (Standard)												

BELLSOUTH/CLEC-1 RATES  
NETWORK ELEMENTS  
AND OTHER SERVICES

DESCRIPTION			USOC	RATES BY STATE								
				AL	FL	GA	KY	LA	MS	NC	SC	TN
		REC - Statewide, per month	UEAL4	NA	NA	NA	\$28.28	NA	NA	NA	NA	NA
		REC - Zone 1, per month		NA	NA	NA	\$19.58	NA	NA	NA	NA	NA
		REC - Zone 2, per month		NA	NA	NA	\$27.58	NA	NA	NA	NA	NA
		REC - Zone 3, per month		NA	NA	NA	\$40.11	NA	NA	NA	NA	NA
		NRC - 1st	UEAL4	NA	NA	NA	\$457.14	NA	NA	NA	NA	NA
		NRC - Add'l	UEAL4	NA	NA	NA	\$348.83	NA	NA	NA	NA	NA
		NRC - Incremental Charge - Order Coordination - Time Specific (per LSR)	OCOSL	NA	NA	NA	\$55.00	NA	NA	NA	NA	NA
2-Wire ISDN Digital Grade Loop												
		REC - Statewide, per month	U1L2X	\$29.03	\$40.00	\$25.43	NA	\$27.36	\$29.83	\$27.20	\$32.47	\$18.00
		REC - Zone 1, per month		\$25.76	\$32.34	\$21.89	NA	TBD	TBD	TBD	TBD	\$15.54
		REC - Zone 2, per month		\$33.17	\$47.35	\$25.27	NA	TBD	TBD	TBD	TBD	\$19.55
		REC - Zone 3, per month		\$43.42	\$104.47	\$40.17	NA	TBD	TBD	TBD	TBD	\$28.02
		NRC - 1st	U1L2X	\$331.85	\$306.00	\$233.38	NA	\$223.27	\$326.38	\$276.96	\$423.04	\$58.50
		NRC - Add'l	U1L2X	\$255.87	\$283.00	\$180.35	NA	\$172.63	\$252.00	\$234.99	\$301.75	\$31.00
		NRC - Disconnect Charge - 1st	U1L2X	\$108.95	NA	NA	NA	\$74.27	\$108.14	NA	NA	NA
		NRC - Disconnect Charge - Add'l	U1L2X	\$57.01	NA	NA	NA	\$39.44	\$57.27	NA	NA	NA
		NRC - Incremental Charge - Manual Service Order - 1st	SOMAN	\$27.37	NA	\$18.94	NA	\$18.14	\$25.52	NA	\$44.42	NA
		NRC - Incremental Charge - Manual Service Order - Add'l	SOMAN	\$12.97	NA	\$8.42	NA	\$8.06	\$11.34	NA	\$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	\$55.00	\$45.43	\$55.00
2-Wire ISDN Digital Grade Loop (Standard)												
		REC - Statewide, per month	U1L2X	NA	NA	NA	\$31.99	NA	NA	NA	NA	NA
		REC - Zone 1, per month		NA	NA	NA	\$22.15	NA	NA	NA	NA	NA
		REC - Zone 2, per month		NA	NA	NA	\$31.20	NA	NA	NA	NA	NA
		REC - Zone 3, per month		NA	NA	NA	\$45.37	NA	NA	NA	NA	NA
		NRC - 1st	U1L2X	NA	NA	NA	\$541.28	NA	NA	NA	NA	NA
		NRC - Add'l	U1L2X	NA	NA	NA	\$431.61	NA	NA	NA	NA	NA
		NRC - Incremental Charge - Order Coordination - Time Specific (per LSR)	OCOSL	NA	NA	NA	\$55.00	NA	NA	NA	NA	NA
2-Wire Asymmetrical Dig Subscriber Line (ADSL) Compatible Loop												
		REC - Statewide, per month	UAL2X	\$15.11	\$15.81	\$13.05	NA	\$15.39	\$14.83	\$17.00	\$20.81	\$18.46
		REC - Zone 1, per month		\$13.41	\$12.78	\$11.23	NA	TBD	TBD	TBD	TBD	\$15.93
		REC - Zone 2, per month		\$17.26	\$18.72	\$12.97	NA	TBD	TBD	TBD	TBD	\$20.05
		REC - Zone 3, per month		\$22.60	\$41.29	\$20.62	NA	TBD	TBD	TBD	TBD	\$28.74
		NRC - 1st	UAL2X	\$514.21	\$113.85	\$359.73	NA	\$343.13	\$504.82	\$280.15	\$600.61	\$640.79
		NRC - Add'l	UAL2X	\$464.58	\$99.61	\$325.15	NA	\$310.03	\$456.24	\$243.91	\$507.33	\$541.94
		NRC - Disconnect Charge - 1st	UAL2X	\$106.65	NA	NA	NA	\$72.54	\$105.86	NA	NA	NA
		NRC - Disconnect Charge - Add'l	SOMAN	\$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	NA	\$44.42	NA
		NRC - Incremental Charge - Manual Service Order - Add'l	SOMAN	\$12.97	NA	\$8.42	NA	\$8.06	\$11.34	NA	\$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	\$55.00	\$45.43	\$55.00
2-Wire ADSL Loop (Standard)												
		REC - Statewide, per month	UAL2X	NA	NA	NA	\$11.89	NA	NA	NA	NA	NA
		REC - Zone 1, per month		NA	NA	NA	\$8.23	NA	NA	NA	NA	NA
		REC - Zone 2, per month		NA	NA	NA	\$11.60	NA	NA	NA	NA	NA
		REC - Zone 3, per month		NA	NA	NA	\$16.86	NA	NA	NA	NA	NA
		NRC - 1st	UAL2X	NA	NA	NA	\$713.50	NA	NA	NA	NA	NA
		NRC - Add'l	UAL2X	NA	NA	NA	\$609.44	NA	NA	NA	NA	NA
		NRC - Incremental Charge - Order Coordination - Time Specific (per LSR)	OCOSL	NA	NA	NA	\$55.00	NA	NA	NA	NA	NA
2-Wire High Bit Rate Dig Subscriber Line (HDSL) Compatible Loop												
		REC - Statewide, per month	UHL2X	\$11.76	\$12.12	\$9.15	NA	\$11.61	\$11.60	\$17.00	\$14.86	\$13.46
		REC - Zone 1, per month		\$10.44	\$9.80	\$7.88	NA	TBD	TBD	TBD	TBD	\$11.62
		REC - Zone 2, per month		\$13.44	\$14.35	\$9.09	NA	TBD	TBD	TBD	TBD	\$14.62
		REC - Zone 3, per month		\$17.59	\$31.65	\$14.45	NA	TBD	TBD	TBD	TBD	\$20.96
		NRC - 1st	UHL2X	\$514.21	\$113.85	\$359.73	NA	\$343.13	\$504.82	\$280.15	\$600.61	\$640.79
		NRC - Add'l	UHL2X	\$464.58	\$99.61	\$325.15	NA	\$310.03	\$456.24	\$243.91	\$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	NA	\$44.42	NA
		NRC - Incremental Charge - Manual Service Order - Add'l	SOMAN	\$12.97	NA	\$8.42	NA	\$8.06	\$11.34	NA	\$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	\$55.00	\$45.43	\$55.00
2-Wire HDSL Loop (Standard)												
		REC - Statewide, per month	UHL2X	NA	NA	NA	\$8.51	NA	NA	NA	NA	NA

BELLSOUTH/CLEC-1 RATES  
NETWORK ELEMENTS  
AND OTHER SERVICES

DESCRIPTION			USOC	RATES BY STATE								
				AL	FL	GA	KY	LA	MS	NC	SC	TN
		REC - Zone 1, per month		NA	NA	NA	\$5.89	NA	NA	NA	NA	NA
		REC - Zone 2, per month		NA	NA	NA	\$8.30	NA	NA	NA	NA	NA
		REC - Zone 3, per month		NA	NA	NA	\$12.07	NA	NA	NA	NA	NA
		NRC - 1st	UHL2X	NA	NA	NA	\$713.50	NA	NA	NA	NA	NA
		NRC - Add'l	UHL2X	NA	NA	NA	\$609.44	NA	NA	NA	NA	NA
		NRC - Incremental Charge - Order Coordination - Time Specific (per LSR)	OCOSL	NA	NA	NA	\$55.00	NA	NA	NA	NA	NA
4-Wire High Bit Rate Dig Subscriber Line (HDSL) Compatible Loop												
		REC - Statewide, per month	UHL4X	\$14.39	\$18.24	\$12.07	NA	\$16.39	\$14.14	\$27.20	\$19.73	\$17.91
		REC - Zone 1, per month		\$12.77	\$14.75	\$10.39	NA	TBD	TBD	TBD	TBD	\$15.46
		REC - Zone 2, per month		\$16.44	\$21.59	\$12.00	NA	TBD	TBD	TBD	TBD	\$19.46
		REC - Zone 3, per month		\$21.52	\$47.64	\$19.07	NA	TBD	TBD	TBD	TBD	\$27.88
		NRC - 1st	UHL4X	\$541.13	\$116.91	\$378.86	NA	\$361.45	\$531.21	\$291.43	\$625.11	\$666.70
		NRC - Add'l	UHL4X	\$491.50	\$101.71	\$344.28	NA	\$328.35	\$482.63	\$255.46	\$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	NA	\$44.06	NA
		NRC - Incremental Charge - Manual Service Order - Add'l	SOMAN	\$12.97	NA	\$8.42	NA	\$8.06	\$11.34	NA	\$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	\$55.00	\$45.43	\$55.00
4-Wire HDSL Loop (Standard)												
		REC - Statewide, per month	UHL4X	NA	NA	NA	\$10.39	NA	NA	NA	NA	NA
		REC - Zone 1, per month		NA	NA	NA	\$7.19	NA	NA	NA	NA	NA
		REC - Zone 2, per month		NA	NA	NA	\$10.13	NA	NA	NA	NA	NA
		REC - Zone 3, per month		NA	NA	NA	\$14.74	NA	NA	NA	NA	NA
		NRC - 1st	UHL4X	NA	NA	NA	\$748.93	NA	NA	NA	NA	NA
		NRC - Add'l	UHL4X	NA	NA	NA	\$646.17	NA	NA	NA	NA	NA
		NRC - Incremental Charge - Order Coordination - Time Specific (per LSR)	OCOSL	NA	NA	NA	\$55.00	NA	NA	NA	NA	NA
4-Wire DS1 Digital Loop												
		REC - Statewide, per month	USLXX	\$64.65	\$80.00	\$64.52	\$67.96	\$72.86	\$69.59	\$151.50	\$72.55	TBD
		REC - Zone 1, per month		\$57.37	\$64.69	\$55.53	\$47.06	TBD	TBD	TBD	TBD	TBD
		REC - Zone 2, per month		\$73.87	\$94.71	\$64.13	\$66.28	TBD	TBD	TBD	TBD	TBD
		REC - Zone 3, per month		\$96.69	\$208.93	\$101.93	\$96.38	TBD	TBD	TBD	TBD	TBD
		NRC - 1st	USLXX	\$610.13	\$540.00	\$429.98	\$849.80	\$410.38	\$599.09	\$568.96	\$715.77	TBD
		NRC - Add'l	USLXX	\$380.26	\$465.00	\$268.18	\$523.27	\$255.48	\$373.90	\$335.56	\$421.50	TBD
		NRC - Disconnect Charge - 1st	USLXX	\$134.77	NA	NA	NA	\$92.35	\$133.53	NA	NA	NA
		NRC - Disconnect Charge - Add'l	USLXX	\$55.97	NA	NA	NA	\$38.44	\$56.25	NA	NA	NA
		NRC - Incremental Charge - Manual Service Order - 1st	SOMAN	\$27.37	NA	\$18.94	NA	\$18.14	\$25.52	NA	\$43.77	NA
		NRC - Incremental Charge - Manual Service Order - Add'l	SOMAN	\$12.97	NA	\$8.42	NA	\$8.06	\$11.34	NA	\$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	\$49.18	\$55.00	\$34.52	\$55.00	\$33.05	\$48.17	NA	\$48.47	NA
4-Wire 56 Kbps Dig Grade Loop												
		REC - Statewide, per month	UDL56	\$34.15	\$48.33	\$29.92	NA	\$35.58	\$34.95	\$40.12	\$41.70	\$42.23
		REC - Zone 1, per month		\$30.30	\$39.08	\$25.75	NA	TBD	TBD	TBD	TBD	\$36.45
		REC - Zone 2, per month		\$39.02	\$57.21	\$29.74	NA	TBD	TBD	TBD	TBD	\$45.87
		REC - Zone 3, per month		\$51.07	\$126.22	\$47.27	NA	TBD	TBD	TBD	TBD	\$65.75
		NRC - 1st	UDL56	\$498.05	\$654.72	\$348.55	NA	\$333.28	\$489.00	\$642.74	\$602.73	\$643.00
		NRC - Add'l	UDL56	\$343.70	\$428.45	\$241.20	NA	\$230.50	\$337.93	\$421.02	\$393.50	\$421.26
		NRC - Disconnect Charge - 1st	UDL56	\$129.62	NA	NA	NA	\$87.99	\$128.36	NA	\$44.06	NA
		NRC - Disconnect Charge - Add'l	UDL56	\$64.25	NA	NA	NA	\$44.24	\$64.35	NA	\$13.55	NA
		NRC - Incremental Charge - Manual Service Order - 1st	SOMAN	\$27.37	NA	\$18.94	NA	\$18.14	\$25.52	NA	NA	NA
		NRC - Incremental Charge - Manual Service Order - Add'l	SOMAN	\$12.97	NA	\$8.42	NA	\$8.06	\$11.34	NA	NA	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	\$55.00	\$45.43	\$55.00
4-Wire 64 Kbps Dig Grade Loop												
		REC - Statewide, per month	UDL64	\$34.15	\$48.33	\$29.22	NA	\$35.58	\$34.95	\$40.12	\$41.70	\$42.23
		REC - Zone 1, per month		\$30.30	\$39.08	\$25.75	NA	TBD	TBD	TBD	TBD	\$36.45
		REC - Zone 2, per month		\$39.02	\$57.21	\$29.74	NA	TBD	TBD	TBD	TBD	\$45.87
		REC - Zone 3, per month		\$51.07	\$126.22	\$47.27	NA	TBD	TBD	TBD	TBD	\$65.75
		NRC - 1st	UDL64	\$498.05	\$654.72	\$348.55	NA	\$333.28	\$489.00	\$642.74	\$602.73	\$643.00
		NRC - Add'l	UDL64	\$343.70	\$428.45	\$241.20	NA	\$230.50	\$337.93	\$421.02	\$393.50	\$421.26
		NRC - Disconnect Charge - 1st	UDL64	\$129.62	NA	NA	NA	\$87.99	\$128.36	NA	\$44.06	NA
		NRC - Disconnect Charge - Add'l	UDL64	\$64.25	NA	NA	NA	\$44.24	\$64.35	NA	\$13.55	NA
		NRC - Incremental Charge - Manual Service Order - 1st	SOMAN	\$27.37	NA	\$18.94	NA	\$18.14	\$25.52	NA	NA	NA
		NRC - Incremental Charge - Manual Service Order - Add'l	SOMAN	\$12.97	NA	\$8.42	NA	\$8.06	\$11.34	NA	NA	NA



BELLSOUTH/CLEC-1 RATES  
NETWORK ELEMENTS  
AND OTHER SERVICES

			RATES BY STATE									
DESCRIPTION			USOC	AL	FL	GA	KY	LA	MS	NC	SC	TN
		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	\$55.00	\$45.43	\$55.00
2-Wire Unbundled Copper Loop												
		REC - Statewide, per month	UCLPB	\$23.00	\$23.00	\$23.00	\$23.00	\$23.00	\$23.00	\$23.00	\$23.00	\$23.00
		REC - Zone 1, per month		TBD	\$18.60	\$19.80	TBD	TBD	TBD	TBD	TBD	\$19.85
		REC - Zone 2, per month		TBD	\$27.23	\$22.86	TBD	TBD	TBD	TBD	TBD	\$24.98
		REC - Zone 3, per month		TBD	\$60.07	\$36.34	TBD	TBD	TBD	TBD	TBD	\$35.81
		NRC - 1st	UCLPB	\$560.00	\$560.00	\$560.00	\$560.00	\$560.00	\$560.00	\$560.00	\$560.00	\$560.00
		NRC - Add'l	UCLPB	\$460.00	\$460.00	\$460.00	\$460.00	\$460.00	\$460.00	\$460.00	\$460.00	\$460.00
		NRC - Disconnect Charge - 1st	UCLPB	NA	NA	NA	NA	NA	NA	NA	NA	NA
		NRC - Disconnect Charge - Add'l	UCLPB	NA	NA	NA	NA	NA	NA	NA	NA	NA
		NRC - Incremental Charge - Manual Service Order - 1st	SOMAN	\$47.00	\$47.00	\$47.00	\$47.00	\$47.00	\$47.00	\$47.00	\$47.00	\$47.00
		NRC - Incremental Charge - Manual Service Order - Add'l	SOMAN	\$21.00	\$21.00	\$21.00	\$21.00	\$21.00	\$21.00	\$21.00	\$21.00	\$21.00
		NRC - Incremental Charge - Manual Service Order - Disconnect	SOMAN	\$16.00	\$16.00	\$16.00	\$16.00	\$16.00	\$16.00	\$16.00	\$16.00	\$16.00
		NRC - Incremental Charge - Manual Order Coordination - per loop	UCLMC	\$16.00	\$16.00	\$16.00	\$16.00	\$16.00	\$16.00	\$16.00	\$16.00	\$16.00

BELLSOUTH/CLEC-1 RATES  
NETWORK ELEMENTS  
AND OTHER SERVICES

DESCRIPTION	USOC	RATES BY STATE								
		AL	FL	GA	KY	LA	MS	NC	SC	TN
<b>Unbundled Sub-Loops</b>										
<b>Sub-Loop Analog</b>										
<b>Loop Distribution per 2-Wire Analog VG Loop (Including NID), per month</b>	USBN2	NA	\$8.57	\$9.12	\$10.83	BFR	NA	NA	NA	\$9.79
NRC - Set-Up per Cross Box location - CLEC Feeder Facility set-up	USBSA	TBN	TBD	TBD	TBD	TBN	TBN	TBN	TBN	TBD
NRC - Set-Up per Cross Box location - per 25 pair panel set-up	USBSB	TBN	TBD	TBD	TBD	TBN	TBN	TBN	TBN	TBD
NRC - 1st	USBN2	TBN	\$78.28	\$207.01	\$459.85	TBN	TBN	TBN	TBN	\$586.00
NRC - Add'l	USBN2	TBN	\$58.33	\$171.32	\$352.89	TBN	TBN	TBN	TBN	\$255.00
NRC - Disconnect Charge - 1st	USBN2	TBN	NA	NA	NA	TBN	TBN	TBN	TBN	NA
NRC - Disconnect Charge - Add'l	USBN2	TBN	NA	NA	NA	TBN	TBN	TBN	TBN	NA
NRC - Incremental Charge - Manual Service Order - 1st	SOMAN	TBN	NA	\$18.94	NA	TBN	TBN	TBN	TBN	NA
NRC - Incremental Charge - Manual Service Order - Add'l	SOMAN	TBN	NA	\$8.42	NA	TBN	TBN	TBN	TBN	NA
NRC - Incremental Charge - Manual Service Order - Disconnect	SOMAN	TBN	NA	NA	NA	TBN	TBN	TBN	TBN	NA
NRC - Incremental Charge - Manual Order Coordination - per loop	USBMC	TBN	TBD	TBD	TBD	TBN	TBN	TBN	TBN	TBD
<b>Loop Distribution per 2-Wire Analog VG Loop (Excluding NID), per month</b>	TBD	NA	NA	NA	\$9.95	NA	NA	NA	NA	\$9.23
NRC - Set-Up per Cross Box location - CLEC Feeder Facility set-up	USBSA	NA	NA	NA	\$9.95	NA	NA	NA	NA	TBD
NRC - Set-Up per Cross Box location - per 25 pair panel set-up	USBSB	NA	NA	NA	\$9.95	NA	NA	NA	NA	TBD
NRC - 1st	TBD	NA	NA	NA	\$459.85	NA	NA	NA	NA	\$587.00
NRC - Add'l	TBD	NA	NA	NA	\$352.89	NA	NA	NA	NA	\$255.00
NRC - Incremental Charge - Manual Order Coordination - per loop	USBMC	TBN	TBD	TBN	TBN	TBN	TBN	TBN	TBN	TBD
<b>Loop Distribution per 4-Wire Analog VG Loop (Incl NID), per month</b>	USBN4	TBN	\$11.29	TBN	TBN	TBN	TBN	TBN	TBN	TBD
NRC - Set-Up per Cross Box location - CLEC Feeder Facility set-up	USBSA	TBN	TBD	TBN	TBN	TBN	TBN	TBN	TBN	TBD
NRC - Set-Up per Cross Box location - per 25 pair panel set-up	USBSB	TBN	TBD	TBN	TBN	TBN	TBN	TBN	TBN	TBD
NRC - 1st	USBN4	TBN	\$112.07	TBN	TBN	TBN	TBN	TBN	TBN	TBD
NRC - Add'l	USBN4	TBN	\$92.11	TBN	TBN	TBN	TBN	TBN	TBN	TBD
NRC - Incremental Charge - Manual Order Coordination - per loop	USBMC	TBN	TBD	TBN	TBN	TBN	TBN	TBN	TBN	TBD
<b>Sub-Loop-Intrabuilding Network Cable (INC) (riser cable), 2W analog, per month</b>	USBR2									
NRC - Set-Up per Building Equipment Room - CLEC Feeder Facility set-up	USBSC	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN
NRC - Set-Up per Building Equipment Room - per 25 pair panel set-up	USBSD	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN
NRC - 1st	USBR2	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN
NRC - Add'l	USBR2	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN
NRC - Disconnect Charge - 1st	USBR2	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN
NRC - Disconnect Charge - Add'l	USBR2	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
NRC - Incremental Charge - Manual Order Coordination - per loop	USBMC	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN
<b>Sub-Loop-Intrabuilding Network Cable (INC) (riser cable), 4W analog, per month</b>	USBR4	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN
NRC - Set-Up per Building Equipment Room - CLEC Feeder Facility set-up	USBSC	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN
NRC - Set-Up per Building Equipment Room - per 25 pair panel set-up	USBSD	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN
NRC - 1st	USBR4	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN
NRC - Add'l	USBR4	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN
NRC - Disconnect Charge - 1st	USBR4	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN
NRC - Disconnect Charge - Add'l	USBR4	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
NRC - Incremental Charge - Manual Order Coordination - per loop	USBMC	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN
<b>Unbundled Network Terminating Wire</b>										
UNTW Pair, per pair, per month	UENPP	TBN	\$0.67	\$1.56	\$1.24	NA	NA	NA	NA	\$1.31
Site Visit Survey, per MDU/MTU Complex, NRC	UENVV	TBN	\$225.00	\$225.00	\$225.00	NA	NA	NA	NA	\$225.00
Site Visit Set-Up - Terminal Preparation, per terminal										
NRC - 1st terminal	UENSS	TBN	\$98.00	\$98.00	\$98.00	TBN	TBN	TBN	TBN	\$98.00
NRC - Add'l terminal	UENSS	TBN	\$65.00	\$65.00	\$65.00	TBN	TBN	TBN	TBN	\$65.00
Access Terminal Provisioning & 1st 25 pair panel (SPOI), per terminal, NRC	UEN1T	TBN	\$110.00	\$110.00	\$110.00	TBN	TBN	TBN	TBN	\$110.00
Existing Access Terminal Provisioning, 2nd 25 pair panel, per terminal, NRC	UEN2T	TBN	\$35.00	\$35.00	\$35.00	TBN	TBN	TBN	TBN	\$35.00
UNTW Pair Provisioning, per pair, NRC	UENPP	TBN	\$9.00	\$9.00	\$9.00	TBN	TBN	TBN	TBN	\$9.00
Service Visit for Provisioning, per request, per premises, NRC	UENSV	TBN	\$55.00	\$55.00	\$55.00	TBN	TBN	TBN	TBN	\$55.00
Manual Service Order, NRC	MOCLA	TBN	\$45.00	\$45.00	\$45.00	TBN	TBN	TBN	TBN	\$45.00
<b>Sub-Loop Concentration - Channelization Sys (Outside CO)</b>										
NRC - Incremental Charge - Manual Service Order - 1st	SOMAN	\$27.37	TBD	\$18.94	TBD	BFR	BFR	BFR	BFR	TBD
NRC - Incremental Charge - Manual Service Order - Add'l	SOMAN	\$12.97	TBD	\$8.42	TBD	BFR	BFR	BFR	BFR	TBD
<b>TR008 - System A (96 channel capacity - channels 1-96), per month</b>	UCT8A	NA	\$792.49	\$724.79	\$757.00	NA	NA	NA	NA	\$683.78
NRC - 1st	UCT8A	NA	\$640.93	\$632.36	\$633.94	NA	NA	NA	NA	\$634.31
NRC - Add'l	UCT8A	NA	\$315.03	\$310.82	\$311.60	NA	NA	NA	NA	\$311.78

BELLSOUTH/CLEC-1 RATES  
NETWORK ELEMENTS  
AND OTHER SERVICES

DESCRIPTION	USOC	RATES BY STATE								
		AL	FL	GA	KY	LA	MS	NC	SC	TN
<b>TR008 - System B (96 channel capacity - channels 97-192), per month</b>			\$155.32	\$92.91	\$95.60	NA	NA	NA	NA	\$102.12
NRC - 1st	UCT8B	NA	\$640.93	\$632.36	\$633.94	NA	NA	NA	NA	\$634.31
NRC - Add'l	UCT8B	NA	\$315.03	\$310.82	\$311.60	NA	NA	NA	NA	\$311.78
<b>TR303 - System A (96 channel capacity - channels 1-96), per month</b>			\$835.72	\$764.42	\$799.95	NA	NA	NA	NA	\$726.87
NRC - 1st	UCT3A	NA	\$640.93	\$632.36	\$633.94	NA	NA	NA	NA	\$634.31
NRC - Add'l	UCT3A	NA	\$315.03	\$310.82	\$311.60	NA	NA	NA	NA	\$311.78
<b>TR303 - System B (96 channel capacity - channels 97-192), per month</b>			\$198.55	\$132.54	\$138.55	NA	NA	NA	NA	\$145.21
NRC - 1st	UCT3B	NA	\$640.93	\$632.36	\$633.94	NA	NA	NA	NA	\$634.31
NRC - Add'l	UCT3B	NA	\$315.03	\$310.82	\$311.60	NA	NA	NA	NA	\$311.78
<b>DS1 Feeder Interface, per month</b>			\$78.43	\$72.12	\$77.02	NA	NA	NA	NA	\$76.73
NRC 1st	UCTFS	NA	\$422.74	\$425.74	\$418.13	NA	NA	NA	NA	\$418.37
NRC Add'l	UCTFS	NA	\$200.74	\$198.06	\$198.56	NA	NA	NA	NA	\$198.67
<b>Channel Interface - 2 Wire Voice - Loop Start , per month</b>			\$2.62	\$2.38	\$2.68	NA	NA	NA	NA	\$2.61
NRC 1st	TBD	NA	\$42.39	\$41.82	\$41.92	NA	NA	NA	NA	\$41.95
NRC Add'l	TBD	NA	\$42.15	\$41.58	\$41.69	NA	NA	NA	NA	\$41.71
<b>Channel Interface - 2 Wire ISDN, per month</b>			\$10.49	\$9.53	\$10.72	NA	NA	NA	NA	\$10.43
NRC 1st	ULCC1	NA	\$42.39	\$41.82	\$41.92	NA	NA	NA	NA	\$41.95
NRC Add'l	ULCC1	NA	\$42.15	\$41.58	\$41.69	NA	NA	NA	NA	\$41.71
<b>Channel Interface - 2 Wire Voice - Ground Start or Reverse Battery, per month</b>			\$15.59	\$14.17	\$15.94	NA	NA	NA	NA	\$15.51
NRC 1st	TBD	NA	\$42.39	\$41.82	\$41.92	NA	NA	NA	NA	\$41.95
NRC Add'l	TBD	NA	\$42.15	\$41.58	\$41.69	NA	NA	NA	NA	\$41.71
<b>Channel Interface - 4 Wire Voice, per month</b>			\$9.30	\$8.45	\$9.50	NA	NA	NA	NA	\$9.26
NRC 1st	ULCC4	NA	\$42.39	\$41.82	\$41.92	NA	NA	NA	NA	\$41.95
NRC Add'l	ULCC4	NA	\$42.15	\$41.58	\$41.69	NA	NA	NA	NA	\$41.71
<b>Test Circuit, per month</b>			\$45.46	\$41.30	\$46.44	NA	NA	NA	NA	\$45.22
NRC 1st	UCTTC	NA	\$42.39	\$41.82	\$41.92	NA	NA	NA	NA	\$41.95
NRC Add'l	UCTTC	NA	\$42.15	\$41.58	\$41.69	NA	NA	NA	NA	\$41.71
<b>Channel Interface - Digital 56Kbps, per month</b>			\$13.78	\$12.51	\$14.08	NA	NA	NA	NA	\$13.71
NRC 1st	ULCC5	NA	\$42.39	\$41.82	\$41.92	NA	NA	NA	NA	\$41.95
NRC Add'l	ULCC5	NA	\$42.15	\$41.58	\$41.69	NA	NA	NA	NA	\$41.71
<b>Channel Interface - Digital 64Kbps, per month</b>			\$13.78	\$12.51	\$14.08	NA	NA	NA	NA	\$13.71
NRC 1st	ULCC6	NA	\$42.39	\$41.82	\$41.92	NA	NA	NA	NA	\$41.95
NRC Add'l	ULCC6	NA	\$42.15	\$41.58	\$41.69	NA	NA	NA	NA	\$41.71
<b>Loop Concentration System (Inside C.O.)</b>										
NRC - Incremental Charge - Manual Service Order - 1st	SOMAN	\$27.37	TBD	\$18.94	TBD	\$18.14	\$25.52	TBD	\$44.06	TBD
NRC - Incremental Charge - Manual Service Order - Add'l	SOMAN	\$12.97	TBD	\$8.42	TBD	\$8.06	\$11.34	TBD	\$13.55	TBD
<b>TR008 -System A (96 channel capacity - channels 1-96), per month</b>			\$327.44	\$400.33	\$316.63	\$394.00	\$308.74	\$454.79	\$375.96	\$399.21
NRC - 1st	UCT8A	\$1,115.10	\$1,128.75	\$1,111.95	\$1,116.15	\$1,117.20	\$1,115.10	\$1,113.00	\$1,119.30	\$1,114.05
NRC - Add'l	UCT8A	NA	NA	NA	NA	NA	NA	NA	NA	NA
<b>TR008 -System B (96 channel capacity - channels 97-192), per month</b>			\$67.41	\$70.48	\$65.27	\$72.21	\$76.58	\$73.30	\$65.98	\$71.91
NRC - 1st	UCT8B	\$464.57	\$470.41	\$463.37	\$465.11	\$465.64	\$464.71	\$463.74	\$466.38	\$464.21
NRC - Add'l	UCT8B	NA	NA	NA	NA	NA	NA	NA	NA	NA
<b>TR303 - System A (96 channel capacity - channels 1-96), per month</b>			\$375.18	\$450.24	\$362.87	\$445.14	\$385.97	\$506.70	\$422.68	\$450.13
NRC - 1st	UCT3A	\$1,115.10	\$1,128.75	\$1,111.95	\$1,116.15	\$1,117.20	\$1,115.10	\$1,113.00	\$1,119.30	\$1,114.05
NRC - Add'l	UCT3A	NA	NA	NA	NA	NA	NA	NA	NA	NA
<b>TR303 - System B (96 channel capacity - channels 97-192), per month</b>			\$111.30	\$118.76	\$110.02	\$121.45	\$129.05	\$123.52	\$111.17	\$121.16
NRC - 1st	UCT3B	\$464.57	\$470.41	\$463.37	\$465.11	\$465.64	\$464.71	\$463.74	\$466.38	\$464.21
NRC - Add'l	UCT3B	NA	NA	NA	NA	NA	NA	NA	NA	NA
<b>DS1 Interface, per month</b>			\$6.42	\$6.47	\$6.15	\$403.20	\$7.35	\$6.99	\$6.27	\$6.79
NRC 1st	UCTCO	\$367.70	\$372.32	\$366.72	\$132.18	\$368.54	\$367.80	\$367.04	\$369.13	\$367.41
NRC Add'l	UCTCO	\$132.03	\$133.69	\$130.63	\$132.18	\$132.33	\$132.07	\$131.79	\$132.54	\$131.92
<b>Channel Interface - 2 Wire Voice - Loop Start , per month</b>			\$2.55	\$2.66	\$2.44	\$2.79	\$2.91	\$2.77	\$2.48	\$2.58
NRC 1st	TBD	\$35.77	\$36.23	\$35.68	\$35.82	\$35.86	\$35.78	\$35.71	\$35.91	\$35.74
NRC Add'l	TBD	\$35.55	\$36.02	\$35.48	\$35.62	\$35.66	\$35.37	\$35.51	\$35.71	\$35.54
<b>Channel Interface - 2 Wire ISDN, per month</b>			\$10.19	\$10.67	\$9.76	\$11.18	\$11.66	\$9.95	\$10.76	\$10.30
NRC 1st	ULCC1	\$35.77	\$36.23	\$35.68	\$35.82	\$35.86	\$35.78	\$35.71	\$35.91	\$35.74
NRC Add'l	ULCC1	\$35.55	\$36.02	\$35.48	\$35.62	\$35.66	\$35.37	\$35.51	\$35.71	\$35.54
<b>Channel Interface - 2 Wire Voice - Ground Start or Reverse Battery, per month</b>			\$15.15	\$15.85	\$14.51	\$16.62	\$17.33	\$16.46	\$14.80	\$15.32
NRC 1st	TBD	\$35.77	\$36.23	\$35.68	\$35.82	\$35.86	\$35.78	\$35.71	\$35.91	\$35.74
NRC Add'l	TBD	\$35.55	\$36.02	\$35.48	\$35.62	\$35.66	\$35.37	\$35.51	\$35.71	\$35.54
<b>Channel Interface - 4 Wire Voice, per month</b>			\$9.04	\$9.44	\$8.65	\$9.91	\$10.34	\$9.83	\$8.82	\$9.55
NRC 1st	ULCC4	\$35.77	\$36.23	\$35.68	\$35.82	\$35.86	\$35.78	\$35.71	\$35.91	\$35.74
NRC Add'l	ULCC4	\$35.55	\$36.02	\$35.48	\$35.62	\$35.66	\$35.37	\$35.51	\$35.71	\$35.54
<b>Test Circuit, per month</b>			\$44.16	\$46.14	\$42.30	\$48.43	\$50.53	\$47.85	\$43.13	\$46.66

**BELLSOUTH/CLEC-1 RATES  
NETWORK ELEMENTS  
AND OTHER SERVICES**

			RATES BY STATE							
DESCRIPTION	USOC	AL	FL	GA	KY	LA	MS	NC	SC	TN
NRC 1st	UCTTC	\$35.77	\$36.23	\$35.68	\$35.82	\$35.86	\$35.78	\$35.71	\$35.91	\$35.74
NRC Add'l	UCTTC	\$35.55	\$36.02	\$35.48	\$35.62	\$35.66	\$35.37	\$35.51	\$35.71	\$35.54
Channel Interface - Digital 56Kbps, per month	ULCC5	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
NRC 1st	ULCC5	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
NRC Add'l	ULCC5	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
Channel Interface - Digital 64Kbps, per month	ULCC6	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
NRC 1st	ULCC6	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
NRC Add'l	ULCC6	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
DARK FIBER										
Per four fiber strands, per route mile or fraction thereof, per month	UBNAX	\$59.84	\$55.35	\$44.22	\$64.64	\$65.29	\$70.35	\$49.88	\$72.45	\$52.67
NRC - Per each four-fiber dry fiber arrangement - 1st	UBNAX	\$2,518.66	\$1,715.61	\$1,355.29	\$2,304.00	\$1,685.19	\$2,389.99	\$2,277.00	\$2,406.00	\$1,672.44
NRC - Per each four-fiber dry fiber arrangement - Add'l	UBNAX	\$835.08	\$622.68	\$273.69	\$740.93	\$580.11	\$804.32	\$733.08	\$765.30	\$509.09
<b>NOTES:</b>										
1	In states where a specific NRC for customer transfer, feature additions and changes is not stated, the applicable NRC from the appropriate tariff applies.									
2	Deaveraged Loop Rates by Zone as of February 17, 2000:									
	Alabama - Proposed									
	Florida - Interim rates to be effective May 1, 2000 per Joint Stipulation Regarding Interim Deaveraging signed by all parties in December, 1999, Docket No. 990649-TP.									
	Georgia - Proposed									
	Kentucky - Proposed									
	Tennessee - Proposed									

BELLSOUTH/CLEC-1 RATES  
NETWORK ELEMENTS  
AND OTHER SERVICES

DESCRIPTION		USOC	RATES BY STATE								
			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 unbundled port - residence	UEPRL	\$2.07	\$2.00 - Note 1	\$1.85 - Note 1	\$2.61 - Note 1	\$2.20	\$2.11	\$2.00 - Note 1	\$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 unbundled area plus port with caller ID - residence	UEPRM	\$2.07	\$2.00	\$1.85	\$2.61	\$2.20	\$2.11	\$2.00	\$2.35	\$1.90
	2-wire voice unbundled Florida area calling with caller ID - residence	UEPAF	\$2.07	\$2.00	\$1.85	\$2.61	\$2.20	\$2.11	\$2.00	\$2.35	\$1.90
	2-wire voice unbundled Louisiana Area Plus with caller ID - residence (RUL)	UEPAG	\$2.07	\$2.00	\$1.85	\$2.61	\$2.20	\$2.11	\$2.00	\$2.35	\$1.90
	2-wire voice unbundled Louisiana Area Plus with caller ID - residence (AC7)	UEPAH	\$2.07	\$2.00	\$1.85	\$2.61	\$2.20	\$2.11	\$2.00	\$2.35	\$1.90
	2-wire voice unbundled South Carolina Area Calling port with Caller ID - residence (LW8)	UEPAJ	\$2.07	\$2.00	\$1.85	\$2.61	\$2.20	\$2.11	\$2.00	\$2.35	\$1.90
	2-wire voice unbundled Tennessee Area Calling port with Caller ID - residence (F2R)	UEPAK	\$2.07	\$2.00	\$1.85	\$2.61	\$2.20	\$2.11	\$2.00	\$2.35	\$1.90
	2-wire voice unbundled Tennessee Area Calling port with Caller ID - residence (TACER)	UEPAL	\$2.07	\$2.00	\$1.85	\$2.61	\$2.20	\$2.11	\$2.00	\$2.35	\$1.90
	2-wire voice unbundled Tennessee Area Calling port with Caller ID - residence (TACSR)	UEPAM	\$2.07	\$2.00	\$1.85	\$2.61	\$2.20	\$2.11	\$2.00	\$2.35	\$1.90
	2-wire voice unbundled Tennessee Area Calling port with Caller ID - residence (1MF2X)	UEPAN	\$2.07	\$2.00	\$1.85	\$2.61	\$2.20	\$2.11	\$2.00	\$2.35	\$1.90
	2-wire voice unbundled Tennessee Area Calling port with Caller ID - residence (2MR)	UEPAO	\$2.07	\$2.00	\$1.85	\$2.61	\$2.20	\$2.11	\$2.00	\$2.35	\$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 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 unbundled area plus port with Caller ID	UEPBM	\$2.07	\$2.00	\$1.85	\$2.61	\$2.20	\$2.11	\$2.00	\$2.35	\$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
	2-wire voice unbundled LA Bus Area Calling Port with Caller ID (BUC)	UEPAA	\$2.07	\$2.00	\$1.85	\$2.61	\$2.20	\$2.11	\$2.00	\$2.35	\$1.90
	2-wire voice unbundled SC Bus Area Calling Port with Caller ID (LMB)	UEPAB	\$2.07	\$2.00	\$1.85	\$2.61	\$2.20	\$2.11	\$2.00	\$2.35	\$1.90
	2-wire voice unbundled TN Bus 2-Way Area Calling Port Economy Option (TACC1)	UEPAC	\$2.07	\$2.00	\$1.85	\$2.61	\$2.20	\$2.11	\$2.00	\$2.35	\$1.90
	2-wire voice unbundled TN Bus 2-Way Area Calling Port Standard Option (TACC2)	UEPAD	\$2.07	\$2.00	\$1.85	\$2.61	\$2.20	\$2.11	\$2.00	\$2.35	\$1.90
	2-wire voice unbundled TN Bus 2-WAY Collierville and Memphis Local Calling Port (B2F)	UEPAE	\$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									
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	\$24.04	\$24.98	BST GSST A4.3.2
	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 A4.3.3
	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 A4.3.4
	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 A4.3.5
	2-wire voice unbundled Florida area calling with caller ID - residence	UEPAF	\$21.93	\$38.00	\$17.16	\$37.78	\$16.43	\$22.98	\$24.04	\$24.98	BST GSST A4.3.6
	2-wire voice unbundled Louisiana Area Plus with caller ID - residence (RUL)	UEPAG	\$21.93	\$38.00	\$17.16	\$37.78	\$16.43	\$22.98	\$24.04	\$24.98	BST GSST A4.3.7
	2-wire voice unbundled Louisiana Area Plus with caller ID - residence (AC7)	UEPAH	\$21.93	\$38.00	\$17.16	\$37.78	\$16.43	\$22.98	\$24.04	\$24.98	BST GSST A4.3.8
	2-wire voice unbundled South Carolina Area Calling port with Caller ID - residence (LW8)	UEPAJ	\$21.93	\$38.00	\$17.16	\$37.78	\$16.43	\$22.98	\$24.04	\$24.98	BST GSST A4.3.9
	2-wire voice unbundled Tennessee Area Calling port with Caller ID - residence (F2R)	UEPAK	\$21.93	\$38.00	\$17.16	\$37.78	\$16.43	\$22.98	\$24.04	\$24.98	BST GSST A4.3.10
	2-wire voice unbundled Tennessee Area Calling port with Caller ID - residence (TACER)	UEPAL	\$21.93	\$38.00	\$17.16	\$37.78	\$16.43	\$22.98	\$24.04	\$24.98	BST GSST A4.3.11
	2-wire voice unbundled Tennessee Area Calling port with Caller ID - residence (TACSR)	UEPAM	\$21.93	\$38.00	\$17.16	\$37.78	\$16.43	\$22.98	\$24.04	\$24.98	BST GSST A4.3.12
	2-wire voice unbundled Tennessee Area Calling port with Caller ID - residence (1MF2X)	UEPAN	\$21.93	\$38.00	\$17.16	\$37.78	\$16.43	\$22.98	\$24.04	\$24.98	BST GSST A4.3.13
	2-wire voice unbundled Tennessee Area Calling port with Caller ID - residence (2MR)	UEPAO	\$21.93	\$38.00	\$17.16	\$37.78	\$16.43	\$22.98	\$24.04	\$24.98	BST GSST A4.3.14
	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 A4.3.15
NRC - Add'l (Residence)											

**BELLSOUTH/CLEC-1 RATES  
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DESCRIPTION				USOC	RATES BY STATE								
					AL	FL	GA	KY	LA	MS	NC	SC	TN
			2- wire voice unbundled port - residence	UEPRL	\$21.93	\$15.00	\$17.16	\$37.78	\$16.43	\$22.98	\$9.08	\$24.98	BST GSST A4.3.3
			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 A4.3.4
			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 A4.3.5
			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 A4.3.6
			2-wire voice unbundled Florida area calling with caller ID - residence	UEPAF	\$21.93	\$15.00	\$17.16	\$37.78	\$16.43	\$22.98	\$9.08	\$24.98	BST GSST A4.3.7
			2-wire voice unbundled Louisiana Area Plus with caller ID - residence (RUL)	UEPAG	\$21.93	\$15.00	\$17.16	\$37.78	\$16.43	\$22.98	\$9.08	\$24.98	BST GSST A4.3.8
			2-wire voice unbundled Louisiana Area Plus with caller ID - residence (AC7)	UEPAH	\$21.93	\$15.00	\$17.16	\$37.78	\$16.43	\$22.98	\$9.08	\$24.98	BST GSST A4.3.9
			2-wire voice unbundled South Carolina Area Calling port with Caller ID - residence (LW8)	UEPAJ	\$21.93	\$15.00	\$17.16	\$37.78	\$16.43	\$22.98	\$9.08	\$24.98	BST GSST A4.3.10
			2-wire voice unbundled Tennessee Area Calling port with Caller ID - residence (F2R)	UEPAK	\$21.93	\$15.00	\$17.16	\$37.78	\$16.43	\$22.98	\$9.08	\$24.98	BST GSST A4.3.11
			2-wire voice unbundled Tennessee Area Calling port with Caller ID - residence (TACER)	UEPAL	\$21.93	\$15.00	\$17.16	\$37.78	\$16.43	\$22.98	\$9.08	\$24.98	BST GSST A4.3.12
			2-wire voice unbundled Tennessee Area Calling port with Caller ID - residence (TACSR)	UEPAM	\$21.93	\$15.00	\$17.16	\$37.78	\$16.43	\$22.98	\$9.08	\$24.98	BST GSST A4.3.13
			2-wire voice unbundled Tennessee Area Calling port with Caller ID - residence (1MF2X)	UEPAN	\$21.93	\$15.00	\$17.16	\$37.78	\$16.43	\$22.98	\$9.08	\$24.98	BST GSST A4.3.14
			2-wire voice unbundled Tennessee Area Calling port with Caller ID - residence (2MR)	UEPAO	\$21.93	\$15.00	\$17.16	\$37.78	\$16.43	\$22.98	\$9.08	\$24.98	BST GSST A4.3.15
			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 A4.3.16
			NRC - 1st (Business)										
			2-wire Voice Unbundled Port without Caller ID	UEPBL	\$21.93	\$38.00	\$17.16	\$37.55	\$16.43	\$22.98	\$24.04	\$24.98	BST GSST A4.3.4
			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 A4.3.5
			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 A4.3.6
			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 A4.3.7
			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 A4.3.8
			2-wire voice unbundled LA Bus Area Calling Port with Caller ID (BUC)	UEPAA	\$21.93	\$38.00	\$17.16	\$37.55	\$16.43	\$22.98	\$24.04	\$24.98	BST GSST A4.3.9
			2-wire voice unbundled SC Bus Area Calling Port with Caller ID+E587 (LMB)	UEPAB	\$21.93	\$38.00	\$17.16	\$37.55	\$16.43	\$22.98	\$24.04	\$24.98	BST GSST A4.3.10
			2-wire voice unbundled TN Bus 2-way Area Calling Port Economy Option (TACC1)	UEPAC	\$21.93	\$38.00	\$17.16	\$37.55	\$16.43	\$22.98	\$24.04	\$24.98	BST GSST A4.3.11
			2-wire voice unbundled TN Bus 2-way Area Calling Port Standard Option (TACC2)	UEPAD	\$21.93	\$38.00	\$17.16	\$37.55	\$16.43	\$22.98	\$24.04	\$24.98	BST GSST A4.3.12
			2-wire voice unbundled TB Bus 2-way Collierville and Memphis Local Calling Port (B2F)	UEPAE	\$21.93	\$38.00	\$17.16	\$37.55	\$16.43	\$22.98	\$24.04	\$24.98	BST GSST A4.3.13
			NRC - Add'l (Business)	UEPBL	\$21.93	\$15.00	\$17.16	\$37.55	\$16.43	\$22.98	\$9.08	\$24.98	A4.3.4
			2-wire voice unbundled port without Caller ID	UEPBL	\$21.93	\$15.00	\$17.16	\$37.55	\$16.43	\$22.98	\$9.08	\$24.98	BST GSST A4.3.5
			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 A4.3.6
			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 A4.3.7
			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 A4.3.8
			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 A4.3.9

BELLSOUTH/CLEC-1 RATES  
NETWORK ELEMENTS  
AND OTHER SERVICES

DESCRIPTION				USOC	RATES BY STATE								
					AL	FL	GA	KY	LA	MS	NC	SC	TN
			2-wire voice unbundled LA Bus Area Calling Port with Caller ID (BUC)	UEPAA	\$21.93	\$15.00	\$17.16	\$37.55	\$16.43	\$22.98	\$9.08	\$24.98	BST GSST A4.3.10
			2-wire voice unbundled SC Bus Area Calling Port with Caller ID (LMB)	UEPAB	\$21.93	\$15.00	\$17.16	\$37.55	\$16.43	\$22.98	\$9.08	\$24.98	BST GSST A4.3.11
			2-wire voice unbundled TN Bus 2-way Area Calling Port Economy Option (TACC1)	UEPAC	\$21.93	\$15.00	\$17.16	\$37.55	\$16.43	\$22.98	\$9.08	\$24.98	BST GSST A4.3.12
			2-wire voice unbundled TN Bus 2-way Area Calling Port Standard Option (TACC2)	UEPAD	\$21.93	\$15.00	\$17.16	\$37.55	\$16.43	\$22.98	\$9.08	\$24.98	BST GSST A4.3.13
			2-wire voice unbundled TN Bus 2-way Collierville and Memphis Local Calling Port (B2F)	UEPAE	\$21.93	\$15.00	\$17.16	\$37.55	\$16.43	\$22.98	\$9.08	\$24.98	BST GSST A4.3.14
			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		\$6.21	NA	NA	NA	\$4.38	\$6.56	NA	NA	NA
			2-wire voice unbundled Louisiana Area Plus with caller ID - residence (RUL)		\$6.21	NA	NA	NA	\$4.38	\$6.56	NA	NA	NA
			2-wire voice unbundled Louisiana Area Plus with caller ID - residence (AC7)		\$6.21	NA	NA	NA	\$4.38	\$6.56	NA	NA	NA
			2-wire voice unbundled South Carolina Area Calling port with Caller ID - residence (LW8)		\$6.21	NA	NA	NA	\$4.38	\$6.56	NA	NA	NA
			2-wire voice unbundled Tennessee Area Calling port with Caller ID - residence (F2R)		\$6.21	NA	NA	NA	\$4.38	\$6.56	NA	NA	NA
			2-wire voice unbundled Tennessee Area Calling port with Caller ID - residence (TACER)		\$6.21	NA	NA	NA	\$4.38	\$6.56	NA	NA	NA
			2-wire voice unbundled Tennessee Area Calling port with Caller ID - residence (TACSR)		\$6.21	NA	NA	NA	\$4.38	\$6.56	NA	NA	NA
			2-wire voice unbundled Tennessee Area Calling port with Caller ID - residence (1MF2X)		\$6.21	NA	NA	NA	\$4.38	\$6.56	NA	NA	NA
			2-wire voice unbundled Tennessee Area Calling port with Caller ID - residence (2MR)		\$6.21	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
						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)		\$6.21	NA	NA	NA	\$4.38	\$6.56	NA	NA	NA
			2-wire voice unbundles SC Bus Area Calling Port with Caller ID (LMB)		\$6.21	NA	NA	NA	\$4.38	\$6.56	NA	NA	NA
			2-wire voice unbundled TN Bus 2-way Area Calling Port Economy Option (TACC1)		\$6.21	NA	NA	NA	\$4.38	\$6.56	NA	NA	NA
			2-wire voice unbundled TN Bus 2-way Area Calling Port Standard Option (TACC2)		\$6.21	NA	NA	NA	\$4.38	\$6.56	NA	NA	NA
			2-wire voice unbundled TN Bus 2-Way Collierville and Memphis Local Calling Port (B2F)		\$6.21	NA	NA	NA	\$4.38	\$6.56	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		\$6.21	NA	NA	NA	\$4.38	\$6.56	NA	NA	NA
			2-wire voice unbundled Louisiana Area Plus with caller ID - residence (RUL)		\$6.21	NA	NA	NA	\$4.38	\$6.56	NA	NA	NA
			2-wire voice unbundled Louisiana Area Plus with caller ID - residence (AC7)		\$6.21	NA	NA	NA	\$4.38	\$6.56	NA	NA	NA
			2-wire voice unbundled South Carolina Area Calling port with Caller ID - residence (LW8)		\$6.21	NA	NA	NA	\$4.38	\$6.56	NA	NA	NA
			2-wire voice unbundled Tennessee Area Calling port with Caller ID - residence (F2R)		\$6.21	NA	NA	NA	\$4.38	\$6.56	NA	NA	NA
			2-wire voice unbundled Tennessee Area Calling port with Caller ID - residence (TACER)		\$6.21	NA	NA	NA	\$4.38	\$6.56	NA	NA	NA
			2-wire voice unbundled Tennessee Area Calling port with Caller ID - residence (TACSR)		\$6.21	NA	NA	NA	\$4.38	\$6.56	NA	NA	NA
			2-wire voice unbundled Tennessee Area Calling port with Caller ID - residence (1MF2X)		\$6.21	NA	NA	NA	\$4.38	\$6.56	NA	NA	NA
			2-wire voice unbundled Tennessee Area Calling port with Caller ID - residence (2MR)		\$6.21	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
						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 Caler ID		\$6.21	NA	NA	NA	\$4.38	\$6.56	NA	NA	NA

BELLSOUTH/CLEC-1 RATES  
NETWORK ELEMENTS  
AND OTHER SERVICES

DESCRIPTION			USOC	RATES BY STATE								
				AL	FL	GA	KY	LA	MS	NC	SC	TN
		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)		\$6.21	NA	NA	NA	\$4.38	\$6.56	NA	NA	NA
		2-wire voice unbundled SC Bus Area Calling Port with Caller ID (LMB)		\$6.21	NA	NA	NA	\$4.38	\$6.56	NA	NA	NA
		2-wire voice unbundled TN Bus 2-way Area Calling Port Economy Option (TACC1)		\$6.21	NA	NA	NA	\$4.38	\$6.56	NA	NA	NA
		2-wire voice unbundled TN Bus 2-way Area Calling Port Standard Option (TACC2)		\$6.21	NA	NA	NA	\$4.38	\$6.56	NA	NA	NA
		2-wire voice unbundled TN Bus 2-way Collierville and Memphis Local Calling Port (B2F)		\$6.21	NA	NA	NA	\$4.38	\$6.56	NA	NA	NA
		NRC - Incremental Charge - Manual Service Order - 1st	SOMAN	\$27.37	NA	\$18.94	NA	\$18.14	\$25.52	NA	\$44.42	NA
		NRC - Incremental Charge - Manual Service Order - Add'l	SOMAN	\$12.97	NA	\$8.42	NA	\$8.06	\$11.34	NA	\$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	\$8.28	\$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 feature, 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	NA	NA	NA	NA
		4-Wire Analog VG Port, per month	UEP4A	NA	\$9.14	\$8.47	NA	\$10.13	\$9.60	\$3.15	\$2.28	NA
		NRC - 1st	UEP4A	NA	\$5.86	\$17.16	NA	\$16.43	\$22.98	\$24.17	\$3.50	NA
		NRC - Add'l	UEP4A	NA	\$5.86	\$17.16	NA	\$16.43	\$22.98	\$9.63	\$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	NA	NA	NA
		NRC - Incremental Charge - Manual Service Order - Add'l	SOMAN	NA	NA	\$8.42	NA	\$8.06	\$11.34	NA	NA	NA
		NRC - Incremental Charge - Manual Service Order - Disconnect - 1st	SOMAN	NA	NA	NA	NA	\$8.94	\$16.06	NA	NA	NA
		2-Wire DID Port, per month	UEPP2	\$12.08	TBD	\$11.35	NA	\$13.12	\$14.63	\$12.68	\$12.08	\$12.68
		NRC - 1st	UEPP2	\$50.00	TBD	\$61.91	NA	\$59.28	\$83.09	\$50.00	\$50.00	BST GSST A4.3.1
		NRC - Add'l	UEPP2	\$18.00	TBD	\$61.91	NA	\$59.28	\$83.09	\$18.00	\$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	NA	NA	NA
		NRC - Incremental Charge - Manual Service Order - Add'l	SOMAN	NA	NA	\$8.42	NA	\$8.06	\$11.34	NA	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	\$146.46	\$120.00	\$130.23	\$120.00
		NRC - 1st	UEPDD	\$50.00	\$112.00	\$89.44	NA	\$85.63	\$117.81	\$145.00	\$60.00	To be negotiated
		NRC - Add'l	UEPDD	\$18.00	\$91.00	\$52.46	NA	\$50.23	\$71.18	\$126.09	\$60.00	To be negotiated



BELLSOUTH/CLEC-1 RATES  
NETWORK ELEMENTS  
AND OTHER SERVICES

				RATES BY STATE								
DESCRIPTION			USOC	AL	FL	GA	KY	LA	MS	NC	SC	TN
		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	NA	NA	NA
		NRC - Incremental Charge - Manual Service Order - Add'l	SOMAN	NA	NA	\$8.42	NA	\$8.06	\$11.34	NA	NA	NA
		NRC - Incremental Charge - Manual Service Order - Disconnect - 1st	SOMAN	NA	NA	NA	NA	\$10.39	\$16.06	NA	NA	NA
		<b>2-Wire ISDN Port(2) (3), per month</b>	U1PMA	\$16.42	\$13.00	\$13.47	\$12.33	\$23.33	\$51.91	\$12.50	\$33.74	\$1.90
		NRC - 1st	U1PMA	\$63.24	\$88.00	\$47.37	\$90.48	\$45.35	\$63.59	\$75.81	\$65.79	BST GSST A4.3.1
		NRC - Add'l	U1PMA	\$63.24	\$66.00	\$47.37	\$84.53	\$45.35	\$63.59	\$56.91	\$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	NA	\$67.52	NA
		NRC - Incremental Charge - Manual Service Order - Add'l	SOMAN	\$56.19	NA	\$39.98	NA	\$38.29	\$53.87	NA	\$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
		<b>2-Wire ISDN Port(2) (3) including all available features, per month</b>	U1PMA	NA	NA	NA	NA	NA	NA	NA	\$38.68	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 - 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
		<b>2-Wire ISDN Port(2) (3) including three available features, per month</b>	U1PMA	NA	NA	NA	NA	NA	NA	NA	\$36.01	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
		<b>4-Wire ISDN DS1 Port, per month</b>	UEPEX	\$186.02	NA	\$163.16	NA	\$194.72	\$213.21	\$246.00	\$214.79	\$308.00
		NRC - 1st	UEPEX	\$244.85	NA	\$186.80	NA	\$181.89	\$244.12	\$113.86	\$278.37	To be negotiated
		NRC - Add'l	UEPEX	\$244.85	NA	\$186.80	NA	\$181.89	\$244.12	\$95.80	\$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	NA	\$65.48	NA
		NRC - Incremental Charge - Manual Service Order - Add'l	SOMAN	\$54.75	NA	\$37.88	NA	\$33.18	\$51.03	NA	\$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
		<b>4-Wire ISDN DS1 Port including all available features, per month</b>	UEPEX	NA	NA	NA	\$275.48	NA	NA	NA	\$251.00	NA
		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
		<b>2-Wire Analog Line Port (PBX), per month</b>										
		2 WIRE VOICE UNBUNDLED COMBINATION 2-WAY PBX TRUNK - Residence	UEPRD	\$2.07	\$2.00	\$1.85	\$2.61	\$2.20	\$2.11	\$2.00	\$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	UEPP1	\$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	\$2.00	\$1.85	\$2.61	\$2.20	\$2.11	\$2.00	\$2.35	\$1.90
		2-WIRE VOICE UNBUNDLED 2-WAY COMBINATION PBX LOUISIANA CALLING PORT	UEPL2	\$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 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	\$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 TENNESSEE CALLING PORT	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 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 HOTEL 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

BELLSOUTH/CLEC-1 RATES  
NETWORK ELEMENTS  
AND OTHER SERVICES

DESCRIPTION			USOC	RATES BY STATE								
				AL	FL	GA	KY	LA	MS	NC	SC	TN
		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 2-WAY PBX KENTUCKY ROOM AREA CALLING PORT WITHOUT LUD	UEPXF	\$2.07	\$2.00	\$1.85	\$2.61	\$2.20	\$2.11	\$2.00	\$2.35	\$1.90
		2-WIRE VOICE UNBUNDLED PBX KENTUCKY LUD AREA CALLING PORT	UEPXG	\$2.07	\$2.00	\$1.85	\$2.61	\$2.20	\$2.11	\$2.00	\$2.35	\$1.90
		2-WIRE VOICE UNBUNDLED PBX KENTUCKY PREMIUM CALLING PORT	UEPXH	\$2.07	\$2.00	\$1.85	\$2.61	\$2.20	\$2.11	\$2.00	\$2.35	\$1.90
		2-WIRE VOICE UNBUNDLED 2-WAY KENTUCKY AREA CALLING PORT WITHOUT LUD	UEPXJ	\$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 LOUISIANA LOCAL OPTIONAL CALLING PORT	UEPXK	\$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 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	URPXM	\$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 ADMINIATRATIVE CALLING PORTTENNESSEE CALLING PORT	UEPXN	\$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 DIACOUNT 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	\$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 MISSISSIPPI LOCAL ECONOMY CALLING PORT	UEPXQ	\$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 MISSISSIPPI LOCAL OPTIONAL CALLING PORT	UEPXR	\$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 PBXMEASURED 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	\$2.07	\$2.00	\$1.85	\$2.61	\$2.20	\$2.11	\$2.00	\$2.35	\$1.90
		2-WIRE VOICE UNBUNDLED PBX COLLIERVILLE & MEMPHIS CALLING PORT	UEPXU	\$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 TENNESSEE REGIONSERV CALLING PORT	UEPXV	\$2.07	\$2.00	\$1.85	\$2.61	\$2.20	\$2.11	\$2.00	\$2.35	\$1.90
		UNBUNDLED LOOP BILLING USOC (REQUIRES ONE PER PORT)	UEPLX									
		LOCAL NUMBER PORTABILITY (REQUIRES ONE PER PORT)	LNPCP									
		NRC - 1st	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 - Residence	UEPRD	\$21.93	\$38.00	\$17.16	\$36.47	\$16.43	\$22.98	\$24.04	\$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	UEPP1	\$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	\$38.00	\$17.16	\$36.47	\$16.43	\$22.98	\$24.04	\$24.36	NA
		2-WIRE VOICE UNBUNDLED 2-WAY COMBINATION PBX LOUISIANA CALLING PORT	UEPL2	\$21.93	\$38.00	\$17.16	\$36.47	\$16.43	\$22.98	\$24.04	\$24.36	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	\$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 TENNESSEE CALLING PORT	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 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	\$21.93	\$38.00	\$17.16	\$36.47	\$16.43	\$22.98	\$24.04	\$24.36	NA
		2-WIRE VOICE UNBUNDLED PBX KENTUCKY LUD AREA CALLING PORT	UEPXG	\$21.93	\$38.00	\$17.16	\$36.47	\$16.43	\$22.98	\$24.04	\$24.36	NA
		2-WIRE VOICE UNBUNDLED PBX KENTUCKY PREMIUM CALLING PORT	UEPXH	\$21.93	\$38.00	\$17.16	\$36.47	\$16.43	\$22.98	\$24.04	\$24.36	NA
		2-WIRE VOICE UNBUNDLED 2-WAY KENTUCKY AREA CALLING PORT WITHOUT LUD	UEPXJ	\$21.93	\$38.00	\$17.16	\$36.47	\$16.43	\$22.98	\$24.04	\$24.36	NA
		2-WIRE VOICE UNBUNDLED 2-WAY PBX LOUISIANA LOCAL OPTIONAL CALLING PORT	UEPXK	\$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 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	URPXM	\$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 PORTTENNESSEE CALLING PORT	UEPXN	\$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 DIACOUNT ROOM CALLING PORT	UEPXO	\$21.93	\$38.00	\$17.16	\$36.47	\$16.43	\$22.98	\$24.04	\$24.36	NA

BELLSOUTH/CLEC-1 RATES  
NETWORK ELEMENTS  
AND OTHER SERVICES

			RATES BY STATE									
DESCRIPTION			USOC	AL	FL	GA	KY	LA	MS	NC	SC	TN
		2-WIRE VOICE UNBUNDLED 1-WAY OUTGOING PBX LOUISIANA LOCAL DISCOUNT CALLING PORT	UEPXP	\$21.93	\$38.00	\$17.16	\$36.47	\$16.43	\$22.98	\$24.04	\$24.36	NA
		2-WIRE VOICE UNBUNDLED 2-WAY PBX MISSISSIPPI LOCAL ECONOMY CALLING PORT	UEPXQ	\$21.93	\$38.00	\$17.16	\$36.47	\$16.43	\$22.98	\$24.04	\$24.36	NA
		2-WIRE VOICE UNBUNDLED 2-WAY PBX MISSISSIPPI LOCAL OPTIONAL CALLING PORT	UEPXR	\$21.93	\$38.00	\$17.16	\$36.47	\$16.43	\$22.98	\$24.04	\$24.36	NA
		2-WIRE VOICE UNBUNDLED 1-WAY OUTGOING PBXMEASURED 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	\$21.93	\$38.00	\$17.16	\$36.47	\$16.43	\$22.98	\$24.04	\$24.36	NA
		2-WIRE VOICE UNBUNDLED PBX COLLIERVILLE & MEMPHIS CALLING PORT	UEPXU	\$21.93	\$38.00	\$17.16	\$36.47	\$16.43	\$22.98	\$24.04	\$24.36	NA
		2-WIRE VOICE UNBUNDLED 2-WAY PBX TENNESSEE REGIONSERV CALLING PORT	UEPXV	\$21.93	\$38.00	\$17.16	\$36.47	\$16.43	\$22.98	\$24.04	\$24.36	NA
		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	\$9.05	\$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	\$15.00	\$17.16	\$36.47	\$16.43	\$22.98	\$9.05	\$24.36	NA
		2-WIRE VOICE UNBUNDLED 2-WAY COMBINATION PBX LOUISIANA CALLING PORT	UEPL2	\$21.93	\$15.00	\$17.16	\$36.47	\$16.43	\$22.98	\$9.05	\$24.36	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	\$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 TENNESSEE CALLING PORT	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 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 IDD 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	\$21.93	\$15.00	\$17.16	\$36.47	\$16.43	\$22.98	\$9.05	\$24.36	NA
		2-WIRE VOICE UNBUNDLED PBX KENTUCKY LUD AREA CALLING PORT	UEPXG	\$21.93	\$15.00	\$17.16	\$36.47	\$16.43	\$22.98	\$9.05	\$24.36	NA
		2-WIRE VOICE UNBUNDLED PBX KENTUCKY PREMIUM CALLING PORT	UEPXH	\$21.93	\$15.00	\$17.16	\$36.47	\$16.43	\$22.98	\$9.05	\$24.36	NA
		2-WIRE VOICE UNBUNDLED 2-WAY KENTUCKY AREA CALLING PORT WITHOUT LUD	UEPXJ	\$21.93	\$15.00	\$17.16	\$36.47	\$16.43	\$22.98	\$9.05	\$24.36	NA
		2-WIRE VOICE UNBUNDLED 2-WAY PBX LOUISIANA LOCAL OPTIONAL CALLING PORT	UEPXK	\$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 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	URPXM	\$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 PORTTENNESSEE CALLING PORT	UEPXN	\$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 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	\$21.93	\$15.00	\$17.16	\$36.47	\$16.43	\$22.98	\$9.05	\$24.36	NA
		2-WIRE VOICE UNBUNDLED 2-WAY PBX MISSISSIPPI LOCAL ECONOMY CALLING PORT	UEPXQ	\$21.93	\$15.00	\$17.16	\$36.47	\$16.43	\$22.98	\$9.05	\$24.36	NA
		2-WIRE VOICE UNBUNDLED 2-WAY PBX MISSISSIPPI LOCAL OPTIONAL CALLING PORT	UEPXR	\$21.93	\$15.00	\$17.16	\$36.47	\$16.43	\$22.98	\$9.05	\$24.36	NA
		2-WIRE VOICE UNBUNDLED 1-WAY OUTGOING PBXMEASURED PORT	UEPXS	\$21.93	\$15.00	\$17.16	\$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	\$21.93	\$15.00	\$17.16	\$36.47	\$16.43	\$22.98	\$9.05	\$24.36	NA
		2-WIRE VOICE UNBUNDLED PBX COLLIERVILLE & MEMPHIS CALLING PORT	UEPXU	\$21.93	\$15.00	\$17.16	\$36.47	\$16.43	\$22.98	\$9.05	\$24.36	NA
		2-WIRE VOICE UNBUNDLED 2-WAY PBX TENNESSEE REGIONSERV CALLING PORT	UEPXV	\$21.93	\$15.00	\$17.16	\$36.47	\$16.43	\$22.98	\$9.05	\$24.36	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

BELLSOUTH/CLEC-1 RATES  
NETWORK ELEMENTS  
AND OTHER SERVICES

DESCRIPTION			USOC	RATES BY STATE								
				AL	FL	GA	KY	LA	MS	NC	SC	TN
		2-WIRE VOICE UNBUNDLED 2-WAY COMBINATION PBX ALABAMA CALLING PORT		\$6.21	NA	NA	NA	\$3.77	\$6.56	NA	NA	NA
		2-WIRE VOICE UNBUNDLED 2-WAY COMBINATION PBX LOUISIANA CALLING PORT		\$6.21	NA	NA	NA	\$3.77	\$6.56	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		\$6.21	NA	NA	NA	\$3.77	\$6.56	NA	NA	NA
		2-WIRE VOICE UNBUNDLED 1-WAY OUTGOING PBX TENNESSEE CALLING PORT		\$6.21	NA	NA	NA	\$3.77	\$6.56	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		\$6.21	NA	NA	NA	\$3.77	\$6.56	NA	NA	NA
		2-WIRE VOICE UNBUNDLED PBX KENTUCKY LUD AREA CALLING PORT		\$6.21	NA	NA	NA	\$3.77	\$6.56	NA	NA	NA
		2-WIRE VOICE UNBUNDLED PBX KENTUCKY PREMIUM CALLING PORT		\$6.21	NA	NA	NA	\$3.77	\$6.56	NA	NA	NA
		2-WIRE VOICE UNBUNDLED 2-WAY KENTUCKY AREA CALLING PORT WITHOUT LUD		\$6.21	NA	NA	NA	\$3.77	\$6.56	NA	NA	NA
		2-WIRE VOICE UNBUNDLED 2-WAY PBX LOUISIANA LOCAL OPTIONAL CALLING PORT		\$6.21	NA	NA	NA	\$3.77	\$6.56	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 ADMINIATRATIVE CALLING PORTTENNESSEE CALLING PORT		\$6.21	NA	NA	NA	\$3.77	\$6.56	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
		2-WIRE VOICE UNBUNDLED 2-WAY PBX MISSISSIPPI LOCAL ECONOMY CALLING PORT		\$6.21	NA	NA	NA	\$3.77	\$6.56	NA	NA	NA
		2-WIRE VOICE UNBUNDLED 2-WAY PBX MISSISSIPPI LOCAL OPTIONAL CALLING PORT		\$6.21	NA	NA	NA	\$3.77	\$6.56	NA	NA	NA
		2-WIRE VOICE UNBUNDLED 1-WAY OUTGOING PBXMEASURED 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		\$6.21	NA	NA	NA	\$3.77	\$6.56	NA	NA	NA
		2-WIRE VOICE UNBUNDLED PBX COLLIERVERVILLE & MEMPHIS CALLING PORT		\$6.21	NA	NA	NA	\$3.77	\$6.56	NA	NA	NA
		2-WIRE VOICE UNBUNDLED 2-WAY PBX TENNESSEE REGIONSERV CALLING PORT		\$6.21	NA	NA	NA	\$3.77	\$6.56	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	\$3.77	\$6.56	NA	NA	NA
		2-WIRE VOICE UNBUNDLED 2-WAY COMBINATION PBX LOUISIANA CALLING PORT		\$6.21	NA	NA	NA	\$3.77	\$6.56	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		\$6.21	NA	NA	NA	\$3.77	\$6.56	NA	NA	NA
		2-WIRE VOICE UNBUNDLED 1-WAY OUTGOING PBX TENNESSEE CALLING PORT		\$6.21	NA	NA	NA	\$3.77	\$6.56	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		\$6.21	NA	NA	NA	\$3.77	\$6.56	NA	NA	NA
		2-WIRE VOICE UNBUNDLED PBX KENTUCKY LUD AREA CALLING PORT		\$6.21	NA	NA	NA	\$3.77	\$6.56	NA	NA	NA
		2-WIRE VOICE UNBUNDLED PBX KENTUCKY PREMIUM CALLING PORT		\$6.21	NA	NA	NA	\$3.77	\$6.56	NA	NA	NA
		2-WIRE VOICE UNBUNDLED 2-WAY KENTUCKY AREA CALLING PORT WITHOUT LUD		\$6.21	NA	NA	NA	\$3.77	\$6.56	NA	NA	NA
		2-WIRE VOICE UNBUNDLED 2-WAY PBX LOUISIANA LOCAL OPTIONAL CALLING PORT		\$6.21	NA	NA	NA	\$3.77	\$6.56	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

**BELLSOUTH/CLEC-1 RATES  
NETWORK ELEMENTS  
AND OTHER SERVICES**

DESCRIPTION				USOC	RATES BY STATE							
					AL	FL	GA	KY	LA	MS	NC	SC
		2-WIRE VOICE UNBUNDLED 1-WAY OUTGOING PBX HOTEL/HOSPITAL ECONOMY ADMINIATRATIVE CALLING PORTTENNESSEE CALLING PORT		\$6.21	NA	NA	NA	\$3.77	\$6.56	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
		2-WIRE VOICE UNBUNDLED 2-WAY PBX MISSISSIPPI LOCAL ECONOMY CALLING PORT		\$6.21	NA	NA	NA	\$3.77	\$6.56	NA	NA	NA
		2-WIRE VOICE UNBUNDLED 2-WAY PBX MISSISSIPPI LOCAL OPTIONAL CALLING PORT		\$6.21	NA	NA	NA	\$3.77	\$6.56	NA	NA	NA
		2-WIRE VOICE UNBUNDLED 1-WAY OUTGOING PBXMEASURED 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		\$6.21	NA	NA	NA	\$3.77	\$6.56	NA	NA	NA
		2-WIRE VOICE UNBUNDLED PBX COLLIERVILLE & MEMPHIS CALLING PORT		\$6.21	NA	NA	NA	\$3.77	\$6.56	NA	NA	NA
		2-WIRE VOICE UNBUNDLED 2-WAY PBX TENNESSEE REGIONSERV CALLING PORT		\$6.21	NA	NA	NA	\$3.77	\$6.56	NA	NA	NA
		NRC - Incremental Charge - Manual Service Order - 1st	SOMAN	\$27.37	NA	\$18.94	NA	\$18.14	\$25.52	NA	\$41.86	NA
		NRC - Incremental Charge - Manual Service Order - Add'l	SOMAN	\$12.97	NA	\$8.42	NA	\$8.06	\$11.34	NA	\$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 Line Port (PBX) including all available features, per month	UEPPC	NA	NA	NA	NA	NA	NA	NA	\$8.67	NA
		NRC - 1st	UEPPC	NA	NA	NA	NA	NA	NA	NA	\$60.60	NA
		NRC - Add'l	UEPPC	NA	NA	NA	NA	NA	NA	NA	\$60.60	NA
		NRC - Incremental Charge - Manual Service Order - 1st	SOMAN	NA	NA	NA	NA	NA	NA	NA	\$41.86	NA
		NRC - Incremental Charge - Manual Service Order - Add'l	SOMAN	NA	NA	NA	NA	NA	NA	NA	\$14.46	NA
		2-Wire Analog Line Port (PBX) including three available features, per month	UEPPC	NA	NA	NA	NA	NA	NA	NA	\$5.38	NA
		NRC - 1st	UEPPC	NA	NA	NA	NA	NA	NA	NA	\$28.89	NA
		NRC - Add'l	UEPPC	NA	NA	NA	NA	NA	NA	NA	\$28.89	NA
		NRC - Incremental Charge - Manual Service Order - 1st	SOMAN	NA	NA	NA	NA	NA	NA	NA	\$41.86	NA
		NRC - Incremental Charge - Manual Service Order - Add'l	SOMAN	NA	NA	NA	NA	NA	NA	NA	\$14.46	NA
		2-Wire Analog Hunting, per line per month	HTGUX	See features	NA	NA	\$0.29	NA	See features	NA	See features	NA
		NRC - 1st	HTGUX	See features	NA	NA	\$2.14	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		\$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 A4.3.1
		NRC - Add'l		\$21.93	NA	\$17.16	\$40.71	\$16.43	\$22.98	NA	\$24.75	BST GSST A4.3.1
		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	NA	\$14.57	NA
		NRC - Incremental Charge - Manual Service Order - Disconnect - 1st	SOMAN	\$16.33	NA	NA	NA	\$9.86	\$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
		VERTICAL FEATURES										
		Local Switching Features offered with Port, Per month	N/A	NA	No add'l charge	NA	No add'l charge	\$8.28	NA	NA	See above	NA
		Three-Way Calling, per month		\$1.12	NA	NA	NA	NA	\$1.32	NA	\$1.10	NA
		NRC		\$1.03	NA	NA	NA	NA	\$1.02	NA	\$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	NA	\$0.1247	NA
		NRC		\$1.03	NA	NA	NA	NA	\$1.02	NA	\$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	NA	\$0.0665	NA
		NRC		\$1.03	NA	NA	NA	NA	\$1.02	NA	\$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	NA	\$0.3743	NA

BELLSOUTH/CLEC-1 RATES  
NETWORK ELEMENTS  
AND OTHER SERVICES

DESCRIPTION			USOC	RATES BY STATE								
				AL	FL	GA	KY	LA	MS	NC	SC	TN
		NRC		\$1.03	NA	NA	NA	NA	\$1.02	NA	\$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	NA	\$0.0099	NA
		NRC		\$1.03	NA	NA	NA	NA	\$1.02	NA	\$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	NA	\$0.8015	NA
		NRC		\$1.03	NA	NA	NA	NA	\$1.02	NA	\$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	NA	\$0.3102	NA
		NRC		\$1.03	NA	NA	NA	NA	\$1.02	NA	\$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	NA	\$0.3272	NA
		NRC		\$1.03	NA	NA	NA	NA	\$1.02	NA	\$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	NA	\$0.3684	NA
		NRC		\$1.03	NA	NA	NA	NA	\$1.02	NA	\$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	NA	\$0.1402	NA
		NRC		\$1.03	NA	NA	NA	NA	\$1.02	NA	\$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	NA	\$0.1528	NA
		NRC		\$1.03	NA	NA	NA	NA	\$1.02	NA	\$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	NA	\$0.1287	NA
		NRC		\$1.03	NA	NA	NA	NA	\$1.02	NA	\$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	NA	\$0.3283	NA
		NRC		\$1.03	NA	NA	NA	NA	\$1.02	NA	\$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	NA	\$0.1301	NA
		NRC		\$1.03	NA	NA	NA	NA	\$1.02	NA	\$1.51	NA
		NRC - Disconnect		\$0.55	NA	NA	NA	NA	\$0.5466	NA	NA	NA
Call Forwarding Variable, per month				\$0.05	NA	NA	NA	NA	\$0.0474	NA	\$0.0768	NA
		NRC		\$1.03	NA	NA	NA	NA	\$1.02	NA	\$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	\$0.0279	NA	\$0.0603	NA
		NRC		\$1.03	NA	NA	NA	NA	\$1.02	NA	\$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				\$0.03	NA	NA	NA	NA	\$0.0308	NA	\$0.0655	NA
		NRC		\$1.03	NA	NA	NA	NA	\$1.02	NA	\$1.51	NA
		NRC - Disconnect		\$0.55	NA	NA	NA	NA	\$0.5466	NA	NA	NA
Remote Call Forwarding, per month				\$1.36	NA	NA	NA	NA	\$1.47	NA	\$1.41	NA
		NRC		\$1.03	NA	NA	NA	NA	\$1.02	NA	\$1.51	NA
		NRC - Disconnect		\$0.55	NA	NA	NA	NA	\$0.5466	NA	NA	NA
Call Transfer, per month				\$0.12	NA	NA	NA	NA	\$0.1404	NA	\$0.1392	NA
		NRC		\$1.03	NA	NA	NA	NA	\$1.02	NA	\$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	NA	\$0.0677	NA
		NRC		\$1.03	NA	NA	NA	NA	\$1.02	NA	\$1.51	NA
		NRC – Disconnect		\$0.55	NA	NA	NA	NA	\$0.5466	NA	NA	NA
Toll Restricted Service, per month				\$0.04	NA	NA	NA	NA	\$0.0387	NA	\$0.0743	NA
		NRC		\$1.03	NA	NA	NA	NA	\$1.02	NA	\$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	NA	\$0.0318	NA

BELLSOUTH/CLEC-1 RATES  
NETWORK ELEMENTS  
AND OTHER SERVICES

			RATES BY STATE									
DESCRIPTION			USOC	AL	FL	GA	KY	LA	MS	NC	SC	TN
		NRC		\$1.03	NA	NA	NA	NA	\$1.02	NA	\$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	NA	\$1.13	NA
		NRC		\$1.03	NA	NA	NA	NA	\$1.02	NA	\$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	NA	\$0.3513	NA
		NRC		\$1.03	NA	NA	NA	NA	\$1.02	NA	\$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	NA	\$0.0891	NA
		NRC		\$1.03	NA	NA	NA	NA	\$1.02	NA	\$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	NA	\$0.0013	NA
		NRC		\$1.03	NA	NA	NA	NA	\$1.02	NA	\$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	NA	\$0.3621	NA
		NRC		\$28.94	NA	NA	NA	NA	\$28.61	NA	\$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	NA	\$0.0116	NA
		NRC		\$1.03	NA	NA	NA	NA	\$1.02	NA	\$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	NA	\$0.1048	NA
		NRC		\$1.03	NA	NA	NA	NA	\$1.02	NA	\$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	NA	\$0.0101	NA
		NRC		\$1.03	NA	NA	NA	NA	\$1.02	NA	\$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	NA	\$0.2149	NA
		NRC		\$1.03	NA	NA	NA	NA	\$1.02	NA	\$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	NA	\$0.0708	NA
		NRC		\$1.03	NA	NA	NA	NA	\$1.02	NA	\$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	NA	\$0.0694	NA
		NRC		\$1.03	NA	NA	NA	NA	\$1.02	NA	\$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	NA	\$0.1179	NA
		NRC		\$1.03	NA	NA	NA	NA	\$1.02	NA	\$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 Dn-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			LLQCD	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
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 Frwdng 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

**BELLSOUTH/CLEC-1 RATES  
NETWORK ELEMENTS  
AND OTHER SERVICES**

DESCRIPTION	USOC	RATES BY STATE								
		AL	FL	GA	KY	LA	MS	NC	SC	TN
Call Forwarding Don't Answer – Data	LLUCD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
Call Forwarding Don't Answer–Programmable 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 Forwarding 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	MWV	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	M6MPD	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	M6MGD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
All Customized Code Restrictions	CREX+	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
Additional Listings	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	NA	\$0.0138	NA
NRC		\$1.03	NA	NA	NA	NA	\$1.02	NA	\$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		
NRC		\$1.03	NA	NA	NA	NA	\$1.02	NA	\$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		
NRC - Electronic - 1st		\$2.88	NA	NA	NA	NA	\$2.84	NA	\$1.36	NA
NRC - Electronic - Add'l		\$0.96	NA	NA	NA	NA	\$0.95	NA	\$0.71	NA
NRC - Manual - 1st		\$4.80	NA	NA	NA	NA	\$4.73	NA	\$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



BELLSOUTH/CLEC-1 RATES  
NETWORK ELEMENTS  
AND OTHER SERVICES

DESCRIPTION	USOC	RATES BY STATE								
		AL	FL	GA	KY	LA	MS	NC	SC	TN
<b>End Office Switching (Port Usage)</b>										
End Office Switching Function, per mou	N/A	\$0.0018	\$0.0175	\$0.0016333	\$0.002562	\$0.0021	\$0.0023771	\$0.004	\$0.0019295	\$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
<b>Tandem Switching (Port Usage) (Local or Access Tandem)</b>										
Tandem Switching Function per mou	N/A	\$0.00063	\$0.00029	\$0.0006757	\$0.001096	\$0.0008	\$0.0007834	\$0.0015	\$0.0006843	\$0.000676
Tandem Interoffice Trunk Port - Shared per mou			NA	\$0.0002126	NA	\$0.0003	\$0.0002834	NA	\$0.0004034	NA
<b>NOTES:</b>										
<b>1</b> Port rate includes all available features.										
<b>2</b> 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.										
<b>3</b> 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.										
<b>4</b> This rate element is for those states which have a specific rate for User Profile per B Channel.										
<b>5</b> This rate element is for use in those states with a different rate for additional minutes of use.										

BELLSOUTH/CLEC-1 RATES  
NETWORK ELEMENTS  
AND OTHER SERVICES

DESCRIPTION			USOC	RATES BY STATE								
				AL	FL	GA	KY	LA	MS	NC	SC	TN
INTEROFFICE TRANSPORT												
Common (Shared) Transport												
		Common (Shared) Transport per mile per mou	N/A	\$0.00001	\$0.000012	\$0.000008	\$0.0000049	\$0.0000083	\$0.0000091	\$0.00004	\$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	\$0.00036	\$0.0004672	\$0.00036
Interoffice Transport - Dedicated - VG												
		Interoffice Transport - Dedicated - 2-Wire VG - per mile	1L5XX	\$0.03390	NA	\$0.0222	\$0.03	\$0.0384	\$0.0323	\$0.03	\$0.0373	\$0.0173
		Interoffice Transport - Dedicated - 2-Wire VG - facilities termination per month				\$27.66	\$19.10	\$21.33	\$18.01	\$21.42	\$18.33	
		NRC - 1st	1L5XX	\$144.27	NA	\$79.61	\$142.31	\$104.23	\$144.77	\$138.19	\$136.44	\$83.35
		NRC - Add'l	1L5XX	\$54.15	NA	\$36.08	\$56.21	\$39.91	\$56.06	\$52.85	\$51.37	\$20.88
		NRC - Incremental Charge - Manual Service Order - 1st	SOMAC	\$40.34	NA	\$18.94	\$37.21	\$26.20	\$36.86	\$176.31	\$39.63	\$30.15
		NRC - Incremental Charge - Manual Service Order - Add'l	SOMAC	\$40.54	NA	\$18.94	\$37.21	\$26.20	\$36.86	\$90.97	\$39.63	\$31.63
Interoffice Transport - Dedicated - DS0 - 56/64 KBPS												
		Interoffice Transport - Dedicated - DS0 - per mile per month	1L5XX	\$0.0339	\$0.0252	\$0.0222	\$0.03	\$0.0384	\$0.0323	\$0.03	\$0.0373	\$0.17
		Interoffice Transport - Dedicated - DS0 - facilities termination per month	1L5XX	\$17.81	\$21.33	\$16.45	\$26.95	\$18.37	\$20.64	\$17.40	\$20.71	\$17.74
		NRC - 1st	1L5XX	\$144.27	\$137.15	\$79.61	\$142.31	\$104.23	\$144.77	\$138.19	\$136.44	\$83.35
		NRC - Add'l	1L5XX	\$54.15	\$64.45	\$36.08	\$56.21	\$39.91	\$56.06	\$52.85	\$51.37	\$20.88
		NRC - Incremental Charge - Manual Service Order - 1st	SOMAC	\$40.34	NA	\$18.94	\$37.21	\$26.20	\$36.86	\$176.31	\$39.63	\$30.15
		NRC - Incremental Charge - Manual Service Order - Add'l	SOMAC	\$40.34	NA	\$18.94	\$37.21	\$26.20	\$36.86	\$90.97	\$39.63	\$31.63
Interoffice Transport - Dedicated - DS1												
		Interoffice Transport - Dedicated - DS1 - per mile per month	1L5XX	\$0.69	\$0.6013	\$0.4523	\$0.45	\$0.7831	\$0.6598	\$0.5759	\$0.7598	\$0.3525
		Interoffice Transport - Dedicated - DS1 - facilities termination per month	U1TF1	\$79.69	\$99.79	\$78.47	\$55.05	\$93.40	\$74.40	\$71.32	\$94.98	\$75.83
		NRC - 1st	U1TF1	\$223.59	\$45.91	\$147.07	\$298.18	\$160.49	\$222.81	\$218.28	\$216.27	\$166.53
		NRC - Add'l	U1TF1	\$168.60	\$44.18	\$111.75	\$231.23	\$123.03	\$168.92	\$164.55	\$162.70	\$124.84
		NRC - Incremental Charge - Manual Service Order - 1st	SOMAC	\$40.34	NA	\$18.94	NA	\$26.20	\$36.83	\$38.12	\$39.63	\$30.15
		NRC - Incremental Charge - Manual Service Order - Add'l	SOMAC	\$40.34	NA	\$18.94	NA	\$26.20	\$36.86	\$38.12	\$39.63	\$31.63
Interoffice Transport - Dedicated - DS3												
		Interoffice Transport - Dedicated - DS3 - per mile per month	1L5XX	\$11.93	\$10.25	\$7.07	\$12.06	\$16.15	\$15.02	\$11.62	\$19.14	\$6.88
		Interoffice Transport - Dedicated - DS3 - facilities termination per month	U1TF3	\$736.60	\$994.83	\$743.41	\$1,112.02	\$1,131.09	\$744.38	\$815.01	\$904.49	\$840.61
		NRC - 1st	U1TF3	\$877.36	\$884.71	\$878.95	\$858.75	\$883.62	\$812.30	\$854.47	\$856.96	\$877.70
		NRC - Add'l	U1TF3	\$540.46	\$552.81	\$542.61	\$524.95	\$545.50	\$596.55	\$521.23	\$522.20	\$540.32
		NRC - Incremental Charge - Manual Service Order - 1st	SOMAC	\$101.69	NA	\$98.49	\$94.57	\$99.02	\$92.05	\$97.23	\$99.09	\$102.75
		NRC - Incremental Charge - Manual Service Order - Add'l	SOMAC	\$101.69	NA	\$98.49	\$94.57	\$101.69	\$92.05	\$97.23	\$99.09	\$102.75
Interoffice Transport - Dedicated - STS -1												
		STS-1 - per mile per month	1L5XX	\$11.93	\$10.25	\$7.07	\$12.06	\$16.15	\$13.48	\$11.62	\$19.14	\$6.88
		STS-1 - Facility Termination per month	U1TFS	\$733.93	\$966.49	\$733.72	\$1,088.67	\$1,114.68	\$692.52	\$814.72	\$944.40	\$838.65
		NRC - STS -1 - Facility Termination - 1st	U1TFS	\$858.02	\$868.23	\$856.62	\$858.75	\$861.17	\$858.15	\$857.29	\$861.20	\$858.26
		NRC - STS -1 - Facility Termination - Add'l	U1TFS	\$524.50	\$530.74	\$523.64	\$524.94	\$526.42	\$524.58	\$524.05	\$526.44	\$525.25
		NRC - STS -1 - Incremental Charge--Manual Svc Order - 1st	SOMAC	\$94.49	\$95.61	\$94.34	\$94.57	\$94.84	\$94.50	\$94.41	\$94.84	\$94.63
		NRC - STS -1 - Incremental Charge--Manual Svc Order - Add'l	SOMAC	\$94.49	\$95.61	\$94.34	\$94.57	\$94.84	\$94.50	\$94.41	\$94.84	\$94.63
Local Channel - Dedicated												
Local Channel - Dedicated - 2-Wire VG												
		Monthly Recurring	N/A	\$14.61	\$18.02	\$13.91	\$22.26	\$14.94	\$17.83	\$14.83	\$16.83	\$19.02
		NRC - 1st	N/A	\$572.46	\$477.33	\$382.95	\$597.14	\$401.17	\$565.31	\$556.57	\$554.00	\$254.14
		NRC - Add'l	N/A	\$92.07	\$124.32	\$62.40	\$110.52	\$66.35	\$93.30	\$90.19	\$88.58	\$28.96
		NRC - Incremental Charge - Manual Service Order - 1st	SOMAC	\$45.12	NA	\$18.94	\$41.46	\$29.54	\$41.57	\$598.80	\$43.75	\$33.65
		NRC - Incremental Charge - Manual Service Order - Add'l	SOMAC	\$18.73	NA	\$8.42	NA	\$19.46	\$27.39	\$102.94	\$13.55	\$23.84
Local Channel - Dedicated - 4-Wire VG												
		Monthly Recurring	N/A	\$15.77	\$19.01	\$14.99	\$23.38	\$16.21	\$19.03	\$15.88	\$18.05	\$20.14
		NRC - 1st	N/A	\$581.14	\$77.33	\$368.44	\$585.15	\$407.11	\$573.83	\$565.05	\$562.46	\$257.05
		NRC - Add'l	N/A	\$95.21	\$124.32	\$64.05	\$98.53	\$68.61	\$96.40	\$93.16	\$91.57	\$30.34
		NRC - Incremental Charge - Manual Service Order - 1st	SOMAC	\$45.12	NA	\$18.94	\$98.53	\$29.54	\$41.57	\$607.28	\$43.64	\$33.65
		NRC - Incremental Charge - Manual Service Order - Add'l	SOMAC	\$18.73	NA	\$8.42	\$11.99	\$19.46	\$27.39	\$105.94	\$13.55	\$23.84
Local Channel - Dedicated - DS1												

BELLSOUTH/CLEC-1 RATES  
NETWORK ELEMENTS  
AND OTHER SERVICES

					RATES BY STATE								
DESCRIPTION				USOC	AL	FL	GA	KY	LA	MS	NC	SC	TN
		Monthly Recurring		TMECS	\$35.52	\$44.35	\$38.36	\$43.80	\$43.80	\$38.91	\$35.69	\$37.20	\$40.27
		NRC - 1st		TMECS	\$549.85	\$246.50	\$356.15	\$538.95	\$396.86	\$588.53	\$537.66	\$534.81	\$343.71
		NRC - Add'l		TMECS	\$475.02	\$230.49	\$312.89	\$464.94	\$342.92	\$501.32	\$465.45	\$462.81	\$277.86
		NRC - Incremental Charge - Manual Service Order - 1st		SOMAC	\$91.22	NA	\$44.22	\$87.71	\$61.82	\$81.30	\$623.92	\$87.99	\$23.51
		NRC - Incremental Charge - Manual Service Order - Add'l		SOMAC	NA	NA	NA	NA	NA	NA	\$467.22	\$3.11	\$21.75
Local Channel - Dedicated – DS3													
		Monthly Recurring per Month		ULDF3	\$559.98	\$630.65	\$558.51	\$697.89	\$696.07	\$533.33	\$499.09	\$602.18	\$633.15
		NRC - DS3 - Facility Termination - 1st		ULDF3	\$1,106.14	\$879.42	\$882.03	\$1,091.00	\$811.30	\$569.08	\$565.29	\$1,091.00	\$829.52
		NRC - DS3 - Facility Termination - Add'l		ULDF3	\$676.66	\$542.41	\$545.85	\$661.23	\$502.09	\$534.58	\$530.75	\$654.13	\$512.23
		NRC - DS3 - Incremental Charge - Manual Service Order - 1st		SOMAC	\$100.19	NA	\$77.41	\$93.12	\$71.19	\$56.84	\$56.33	\$92.52	\$75.98
		NRC - DS3 - Incremental Charge - Manual Service Order - Add'l		SOMAC	\$100.19	NA	\$77.41	\$93.12	\$71.19	\$56.84	\$56.33	\$92.52	\$53.03
Local Channel - Dedicated – STS - 1													
		Monthly Recurring per Month		ULDFS	\$519.86	\$710.27	\$534.63	\$666.14	\$719.68	\$564.08	\$584.12	\$569.73	\$642.99
		NRC - STS -1 - Facility Termination - 1st		ULDFS	\$1,084.17	\$1,097.06	\$1,082.37	\$1,085.09	\$1,088.15	\$1,084.33	\$1,083.24	\$1,088.19	\$1,085.73
		NRC - STS -1 - Facility Termination - Add'l		ULDFS	\$682.02	\$690.14	\$680.91	\$682.61	\$684.53	\$682.13	\$681.44	\$684.56	\$683.01
		NRC - STS -1 - Incremental Charge - Manual Service Order - 1st		SOMAC	\$96.08	\$97.23	\$95.93	\$96.17	\$96.44	\$96.10	\$96.00	\$96.44	\$96.22
		NRC - STS -1 - Incremental Charge - Manual Service Order - Add'l		SOMAC	\$96.08	\$97.23	\$95.93	\$96.17	\$96.44	\$96.10	\$96.00	\$96.44	\$96.22
DARK FIBER													
Per four fiber strands, per route mile or fraction thereof, per month				UBNAX	\$59.84	\$55.35	\$44.22	\$64.64	\$65.29	\$70.35	\$49.88	\$72.45	\$52.67
		NRC - Per each four-fiber dry fiber arrangement - 1st		UBNAX	\$2,518.66	\$1,715.61	\$1,355.29	\$2,304.00	\$1,685.19	\$2,389.99	\$2,277.00	\$2,406.00	\$1,672.44
		NRC - Per each four-fiber dry fiber arrangement - Add'l		UBNAX	\$835.08	\$622.68	\$273.69	\$740.93	\$580.11	\$804.32	\$733.08	\$765.30	\$509.09

BELLSOUTH/CLEC-1 RATES  
NETWORK ELEMENTS  
AND OTHER SERVICES

			RATES BY STATE										
DESCRIPTION			USOC	AL	FL	GA	KY	LA	MS	NC	SC	TN	
UNBUNDLED LOOP COMBINATIONS													
Unbundled Loop/Port Combinations													
		UNBUNDLED LOOP BILLING USOC (REQUIRES ONE PER PORT)	UEPLX	This USOC to be used for Unbundled Loop when ordering Loop/Port Combination									
		LOCAL NUMBER PORTABILITY (REQUIRES ONE PER PORT)	LNPCX	This USOC to be used for Local Number Portability when ordering Loop/Port Combinations									
Zone 1 / Top 8 MSAs in BellSouth Region													
Currently Combined													
	Customers with less than 4 DS0 Equivalent												
	2-Wire Voice Grade Loop with 2-Wire Line Port		TBD	NA	NA	\$14.34	NA	NA	NA	NA	NA	NA	
	RC - 2- Wire Voice Grade Loop		TBD	Note 1	Note 1	NA	Note 1	Note 1	Note 1	Note 1	Note 1	Note 1	
	RC - Exchange Port - 2-Wire Line Port		TBD	Note 1	Note 1	NA	Note 1	Note 1	Note 1	Note 1	Note 1	Note 1	
	NRC - 2-Wire Voice Grade Loop/Line Port Combination - 1st, with change		USACC	\$10.00	\$10.00	\$2.01	\$10.00	\$10.00	\$10.00	\$10.00	\$10.00	\$10.00	
	NRC - 2-Wire Voice Grade Loop/Line Port Combination - Add'l, with change		USACC	\$10.00	\$10.00	\$0.3108000	\$10.00	\$10.00	\$10.00	\$10.00	\$10.00	\$10.00	
	NRC - 2-Wire Voice Grade Loop/Line Port Combination - 1st, no change		USAC2	\$10.00	\$10.00	\$2.01	\$10.00	\$10.00	\$10.00	\$10.00	\$10.00	\$10.00	
	NRC - 2-Wire Voice Grade Loop/Line Port Combination - Add'l, no change		USAC2	\$10.00	\$10.00	\$0.3108000	\$10.00	\$10.00	\$10.00	\$10.00	\$10.00	\$10.00	
	NRC - 2-Wire Voice Grade Loop/Line Port Combination - Subsequent		USAS2	\$10.00	\$10.00	A4, GSST	\$10.00	\$10.00	\$10.00	\$10.00	\$10.00	\$10.00	
	NRC - 2-Wire Voice Grade Loop/Line Port Combination - Incremental Cost - Manual Svc.Order vs. Electronic - 1st		TBD	Note 1	Note 1	\$33.67	Note 1	Note 1	Note 1	Note 1	Note 1	Note 1	
	NRC - 2-Wire Voice Grade Loop/Line Port Combination - Incremental Cost - Manual Svc.Order vs. Electronic - Add'l		TBD	Note 1	Note 1	\$7.88	Note 1	Note 1	Note 1	Note 1	Note 1	Note 1	
	All Other Loop/Port Combinations		TBD	TBN	TBN	Note 2	TBN	TBN	TBN	TBN	TBN	TBN	
Customers with 4 or more DS0 Equivalent													
	2-Wire Voice Grade Loop with 2-Wire Line Port		TBD	NOTE 3	NOTE 3	NOTE 3	NOTE 3	NOTE 3	NOTE 3	NOTE 3	NOTE 3	NOTE 3	
	All Other Loop/Port Combinations		TBD	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	TBN	
Not Currently Combined													
	Customers with less than 4 DS0 Equivalent												
	2-Wire Voice Grade Loop with 2-Wire Line Port		TBD	NA	NA	\$14.34	NA	NA	NA	NA	NA	NA	
	RC - 2- Wire Voice Grade Loop		TBD	TBN	TBN	NC	TBN	TBN	TBN	TBN	TBN	TBN	
	RC - Exchange Port - 2-Wire Line Port		TBD	TBN	TBN	NA	TBN	TBN	TBN	TBN	TBN	TBN	
	NRC - 2-Wire Voice Grade Loop/Line Port Combination - 1st, with change		USACC	TBN	TBN	\$2.01	TBN	TBN	TBN	TBN	TBN	TBN	
	NRC - 2-Wire Voice Grade Loop/Line Port Combination - Add'l, with change		USACC	TBN	TBN	\$0.3108000	TBN	TBN	TBN	TBN	TBN	TBN	
	NRC - 2-Wire Voice Grade Loop/Line Port Combination - 1st, no change		USAC2	TBN	TBN	\$2.01	TBN	TBN	TBN	TBN	TBN	TBN	
	NRC - 2-Wire Voice Grade Loop/Line Port Combination - Add'l, no change		USAC2	TBN	TBN	\$0.3108000	TBN	TBN	TBN	TBN	TBN	TBN	
	NRC - 2-Wire Voice Grade Loop/Line Port Combination - Subsequent		USASC	TBN	TBN	A4, GSST	TBN	TBN	TBN	TBN	TBN	TBN	
	NRC - 2-Wire Voice Grade Loop/Line Port Combination - Incremental Cost - Manual Svc.Order vs. Electronic - 1st		TBD	TBN	TBN	\$33.67	TBN	TBN	TBN	TBN	TBN	TBN	
	NRC - 2-Wire Voice Grade Loop/Line Port Combination - Incremental Cost - Manual Svc.Order vs. Electronic - Add'l		TBD	TBN	TBN	\$7.88	TBN	TBN	TBN	TBN	TBN	TBN	
	All Other Loop/Port Combinations		TBD	TBN	TBN	Note 2	TBN	TBN	TBN	TBN	TBN	TBN	
	2-Wire ISDN Digital Grade Loop with 2-wire ISDN Digital Port												
	RC - 2-Wire ISDN Digital Grade Loop		USL2X	\$19.0800	\$19.0800	\$19.0800	\$19.0800	\$19.0800	\$19.0800	\$19.0800	\$19.0800	\$18.3200	
	RC - Exchange Port - 2-Wire ISDN Line Side Port		UEPPB	\$24.3700	\$24.3700	\$24.3700	\$24.3700	\$24.3700	\$24.3700	\$24.3700	\$24.3700	\$15.7200	
	NRC - 2-Wire ISDN Digital Grade Loop/2-wire ISDN Digital Port - 1st conversion		USACB	\$174.3500	\$174.3500	\$174.3500	\$174.3500	\$174.3500	\$174.3500	\$174.3500	\$174.3500	\$117.2300	
	NRC - 2-Wire ISDN Digital Grade Loop/2-wire ISDN Digital Port - Add'l conversion		USACB	\$174.3500	\$174.3500	\$174.3500	\$174.3500	\$174.3500	\$174.3500	\$174.3500	\$174.3500	\$117.2300	

**BELLSOUTH/CLEC-1 RATES  
NETWORK ELEMENTS  
AND OTHER SERVICES**

					RATES BY STATE								
DESCRIPTION				USOC	AL	FL	GA	KY	LA	MS	NC	SC	TN
			NRC - 2-Wire ISDN Digital Grade Loop/2-wire ISDN Digital Port - Non Feature Subsequent Activity	USASB	\$286.1500	\$286.1500	\$286.1500	\$286.1500	\$286.1500	\$286.1500	\$286.1500	\$286.1500	\$212.8800
			4-Wire ISDN Digital Grade Loop with 2-wire ISDN Digital Port										
			RC - 4-Wire ISDN Digital Grade Loop	USL4P	\$62.7100	\$62.7100	\$62.7100	\$62.7100	\$62.7100	\$62.7100	\$62.7100	\$62.7100	\$61.7400
			RC - Exchange Port - 4-Wire ISDN Digital Trunk Port	UEPPP	\$179.0100	\$179.0100	\$179.0100	\$179.0100	\$179.0100	\$179.0100	\$179.0100	\$179.0100	\$73.6200
			NRC - 4-Wire ISDN Digital Grade Loop/2-wire ISDN Digital Trunk Port Combination - 1st conversion	USACP	\$481.5100	\$481.5100	\$481.5100	\$481.5100	\$481.5100	\$481.5100	\$481.5100	\$481.5100	\$328.5300
			NRC - 4-Wire ISDN Digital Grade Loop/2-wire ISDN Digital Trunk Port Combination - Add'l conversion	USACP	\$481.5100	\$481.5100	\$481.5100	\$481.5100	\$481.5100	\$481.5100	\$481.5100	\$481.5100	\$328.5300
			NRC - 4-Wire ISDN Digital Grade Loop/4-wire ISDN Digital Trunk Port Combination - Subsequent Channel Activity - Per Channel	USASP	\$36.9200	\$36.9200	\$36.9200	\$36.9200	\$36.9200	\$36.9200	\$36.9200	\$36.9200	\$28.3900
			NRC - 4-Wire ISDN Digital Grade Loop/4-wire ISDN Digital Trunk Port Combination - Subsequent Inward/2-way Telephone Numbers	PR7TG	\$1.1700	\$1.1700	\$1.1700	\$1.1700	\$1.1700	\$1.1700	\$1.1700	\$1.1700	\$0.9353
			NRC - 4-Wire ISDN Digital Grade Loop/4-wire ISDN Digital Trunk Port Combination - Subsequent Outward Telephone numbers	PR7TP	\$28.1700	\$28.1700	\$28.1700	\$28.1700	\$28.1700	\$28.1700	\$28.1700	\$28.1700	\$22.3600
			NRC - 4-Wire ISDN Digital Grade Loop/4-wire ISDN Digital Trunk Port Combination - Subsequent Inward Telephone Numbers	PR7ZT	\$56.3300	\$56.3300	\$56.3300	\$56.3300	\$56.3300	\$56.3300	\$56.3300	\$56.3300	\$44.7100
			NRC - 4-Wire ISDN Digital Grade Loop/4-wire ISDN Digital Trunk Port Combination - Subsequent Service Order Per Order	USASP	\$255.2500	\$255.2500	\$255.2500	\$255.2500	\$255.2500	\$255.2500	\$255.2500	\$255.2500	\$189.7600

Version 1Q00:5/30/00

BELLSOUTH/CLEC-1 RATES  
NETWORK ELEMENTS  
AND OTHER SERVICES

				RATES BY STATE								
DESCRIPTION			USOC	AL	FL	GA	KY	LA	MS	NC	SC	TN
UNBUNDLED LOOP / TRANSPORT COMBINATIONS												
ENHANCED EXTENDED LINK												
2-Wire Voice Grade Extended Loop with DS1 Dedicated Interoffice Transport												
		RC - 2 Wire Voice Grade Loop	TBD	Note 4	Note 4	\$17.89	Note 4	Note 4	Note 4	Note 4	Note 4	Note 4
		RC - Interoffice Transport - Dedicated - DS1 - Per Mile	TBD	Note 4	Note 4	\$0.3068000	Note 4	Note 4	Note 4	Note 4	Note 4	Note 4
		RC - Interoffice Transport - Dedicated - DS1 - Facility Termination	TBD	Note 4	Note 4	\$63.39	Note 4	Note 4	Note 4	Note 4	Note 4	Note 4
		RC - Interoffice Transport - Dedicated - DS1 System	TBD	Note 4	Note 4	\$18.23	Note 4	Note 4	Note 4	Note 4	Note 4	Note 4
		NRC - 2-Wire Voice Grade Extended Loop/DS1 Interoffice Combination - 1st	TBD	Note 4	Note 4	\$12.97	Note 4	Note 4	Note 4	Note 4	Note 4	Note 4
		NRC - 2-Wire Voice Grade Extended Loop/DS1 Interoffice Combination - Add'l	TBD	Note 4	Note 4	\$11.27	Note 4	Note 4	Note 4	Note 4	Note 4	Note 4
		NRC - 2-Wire Voice Grade Extended Loop/DS1 Interoffice Combination - Incremental Cost - Manual Svc.Order vs. Electronic - 1st	TBD	Note 4	Note 4	\$45.46	Note 4	Note 4	Note 4	Note 4	Note 4	Note 4
		NRC - 2-Wire Voice Grade Extended Loop/DS1 Interoffice Combination - Incremental Cost - Manual Svc.Order vs. Electronic - Add'l	TBD	Note 4	Note 4	\$15.72	Note 4	Note 4	Note 4	Note 4	Note 4	Note 4
		RC - Interoffice Transport - Voice Grade Plug-in	TBD	Note 4	Note 4	\$2.20	Note 4	Note 4	Note 4	Note 4	Note 4	Note 4
		NRC - 2-Wire Voice Grade Extended Loop/DS1 Interoffice Combination - Disconnect - 1st	TBD	Note 4	Note 4	\$12.61	Note 4	Note 4	Note 4	Note 4	Note 4	Note 4
		NRC - 2-Wire Voice Grade Extended Loop/DS1 Interoffice Combination - Disconnect - Add'l	TBD	Note 4	Note 4	\$12.61	Note 4	Note 4	Note 4	Note 4	Note 4	Note 4
4-Wire Voice Grade Extended Loop with DS1 Dedicated Interoffice Transport												
		RC - 4 Wire Voice Grade Loop	TBD	Note 4	Note 4	\$26.58	Note 4	Note 4	Note 4	Note 4	Note 4	Note 4
		RC - Interoffice Transport - Dedicated - DS1 - Per Mile	TBD	Note 4	Note 4	\$0.3068000	Note 4	Note 4	Note 4	Note 4	Note 4	Note 4
		RC - Interoffice Transport - Dedicated - DS1 - Facility Termination	TBD	Note 4	Note 4	\$63.39	Note 4	Note 4	Note 4	Note 4	Note 4	Note 4
		RC - Interoffice Transport - Dedicated - DS1 System	TBD	Note 4	Note 4	\$18.23	Note 4	Note 4	Note 4	Note 4	Note 4	Note 4
		NRC - 4-Wire Voice Grade Extended Loop/DS1 Interoffice Combination - 1st	TBD	Note 4	Note 4	\$12.97	Note 4	Note 4	Note 4	Note 4	Note 4	Note 4
		NRC - 4-Wire Voice Grade Extended Loop/DS1 Interoffice Combination - Add'l	TBD	Note 4	Note 4	\$11.27	Note 4	Note 4	Note 4	Note 4	Note 4	Note 4
		NRC - 4-Wire Voice Grade Extended Loop/DS1 Interoffice Combination - Incremental Cost - Manual Svc.Order vs. Electronic - 1st	TBD	Note 4	Note 4	\$45.46	Note 4	Note 4	Note 4	Note 4	Note 4	Note 4
		NRC - 4-Wire Voice Grade Extended Loop/DS1 Interoffice Combination - Incremental Cost - Manual Svc.Order vs. Electronic - Add'l	TBD	Note 4	Note 4	\$15.72	Note 4	Note 4	Note 4	Note 4	Note 4	Note 4
		RC - Interoffice Transport - Voice Grade Plug-in	TBD	Note 4	Note 4	\$2.67	Note 4	Note 4	Note 4	Note 4	Note 4	Note 4
		NRC - 4-Wire Voice Grade Extended Loop/DS1 Interoffice Combination - Disconnect - 1st	TBD	Note 4	Note 4	\$12.61	Note 4	Note 4	Note 4	Note 4	Note 4	Note 4
		NRC - 4-Wire Voice Grade Extended Loop/DS1 Interoffice Combination - Disconnect - Add'l	TBD	Note 4	Note 4	\$12.61	Note 4	Note 4	Note 4	Note 4	Note 4	Note 4
4-Wire 56 or 64 KBPS Extended Digital Loop with Dedicated DS1 Interoffice Transport												
		RC - 4-Wire 56 or 64 Kbps Digital Grade Loop	TBD	Note 4	Note 4	\$30.72	Note 4	Note 4	Note 4	Note 4	Note 4	Note 4
		RC - Interoffice Transport - Dedicated - DS1 - Per Mile	TBD	Note 4	Note 4	\$0.3068000	Note 4	Note 4	Note 4	Note 4	Note 4	Note 4
		RC - Interoffice Transport - Dedicated - DS1 - Facility Termination	TBD	Note 4	Note 4	\$63.39	Note 4	Note 4	Note 4	Note 4	Note 4	Note 4
		RC - Interoffice Transport - Dedicated - DS1 System	TBD	Note 4	Note 4	\$18.23	Note 4	Note 4	Note 4	Note 4	Note 4	Note 4
		NRC - 4-Wire 56 or 64 Kbps Extended Loop/DS1 Interoffice Combination - 1st	TBD	Note 4	Note 4	\$12.97	Note 4	Note 4	Note 4	Note 4	Note 4	Note 4
		NRC - 4-Wire 56 or 64 Kbps Extended Loop/DS1 Interoffice Combination - Add'l	TBD	Note 4	Note 4	\$11.27	Note 4	Note 4	Note 4	Note 4	Note 4	Note 4
		NRC - 4-Wire 56 or 64 Kbps Extended Loop/DS1 Interoffice Combination - Incremental Cost - Manual Svc.Order vs. Electronic - 1st	TBD	Note 4	Note 4	\$45.46	Note 4	Note 4	Note 4	Note 4	Note 4	Note 4
		NRC - 4-Wire 56 or 64 Kbps Extended Loop/DS1 Interoffice Combination - Incremental Cost - Manual Svc.Order vs. Electronic - Add'l	TBD	Note 4	Note 4	\$15.72	Note 4	Note 4	Note 4	Note 4	Note 4	Note 4
		RC - Interoffice Transport - Voice Grade Plug-in	TBD	Note 4	Note 4	\$1.06	Note 4	Note 4	Note 4	Note 4	Note 4	Note 4
		NRC - 4-Wire 56 or 64 Kbps Extended Loop/DS1 Interoffice Combination - Disconnect - 1st	TBD	Note 4	Note 4	\$12.61	Note 4	Note 4	Note 4	Note 4	Note 4	Note 4
		NRC - 4-Wire 56 or 64 Kbps Extended Loop/DS1 Interoffice Combination - Disconnect - Add'l	TBD	Note 4	Note 4	\$12.61	Note 4	Note 4	Note 4	Note 4	Note 4	Note 4
Extended 2-Wire VG Dedicated Local Channel with Dedicated DS1 Interoffice Transport												
		RC - Local Channel - Dedicated - 2-Wire Voice Grade	TBD	Note 4	Note 4	\$16.28	Note 4	Note 4	Note 4	Note 4	Note 4	Note 4
		RC - Interoffice Transport - Dedicated - DS1 - Per Mile	TBD	Note 4	Note 4	\$0.3068000	Note 4	Note 4	Note 4	Note 4	Note 4	Note 4
		RC - Interoffice Transport - Dedicated - DS1 - Facility Termination	TBD	Note 4	Note 4	\$63.39	Note 4	Note 4	Note 4	Note 4	Note 4	Note 4
		RC - Interoffice Transport - Dedicated - DS1 System	TBD	Note 4	Note 4	\$18.23	Note 4	Note 4	Note 4	Note 4	Note 4	Note 4
		NRC - Extended 2-Wire Voice Grade Dedicated Local Channel/DS1 Interoffice Combination - 1st	TBD	Note 4	Note 4	\$12.97	Note 4	Note 4	Note 4	Note 4	Note 4	Note 4
		NRC - Extended 2-Wire Voice Grade Dedicated Local Channel/DS1 Interoffice Combination - Add'l	TBD	Note 4	Note 4	\$11.27	Note 4	Note 4	Note 4	Note 4	Note 4	Note 4
		NRC - Extended 2-Wire Voice Grade Dedicated Local Channel/DS1 Interoffice Combination - Incremental Cost - Manual Svc.Order vs. Electronic - 1st	TBD	Note 4	Note 4	\$45.46	Note 4	Note 4	Note 4	Note 4	Note 4	Note 4
		NRC - Extended 2-Wire Voice Grade Dedicated Local Channel/DS1 Interoffice Combination - Incremental Cost - Manual Svc.Order vs. Electronic - Add'l	TBD	Note 4	Note 4	\$15.72	Note 4	Note 4	Note 4	Note 4	Note 4	Note 4
		RC - Interoffice Transport - Voice Grade Plug-in	TBD	Note 4	Note 4	\$2.20	Note 4	Note 4	Note 4	Note 4	Note 4	Note 4

BELLSOUTH/CLEC-1 RATES  
NETWORK ELEMENTS  
AND OTHER SERVICES

			RATES BY STATE									
DESCRIPTION			USOC	AL	FL	GA	KY	LA	MS	NC	SC	TN
		NRC - Extended 2-Wire Voice Grade Dedicated Local Channel/DS1 Interoffice Combination-Disconnect - 1st	TBD	Note 4	Note 4	\$12.61	Note 4	Note 4	Note 4	Note 4	Note 4	Note 4
		NRC - Extended 2-Wire Voice Grade Dedicated Local Channel/DS1 Interoffice Combination - Disconnect - Add'l	TBD	Note 4	Note 4	\$12.61	Note 4	Note 4	Note 4	Note 4	Note 4	Note 4
Extended 4-Wire VG Dedicated Local Channel with Dedicated DS1 Interoffice Transport												
		RC - Local Channel - Dedicated - 4-Wire Voice Grade	TBD	Note 4	Note 4	\$17.18	Note 4	Note 4	Note 4	Note 4	Note 4	Note 4
		RC - Interoffice Transport - Dedicated - DS1 - Per Mile	TBD	Note 4	Note 4	\$0.3068000	Note 4	Note 4	Note 4	Note 4	Note 4	Note 4
		RC - Interoffice Transport - Dedicated - DS1 - Facility Termination	TBD	Note 4	Note 4	\$63.39	Note 4	Note 4	Note 4	Note 4	Note 4	Note 4
		RC - Interoffice Transport - Dedicated - DS1 System	TBD	Note 4	Note 4	\$18.23	Note 4	Note 4	Note 4	Note 4	Note 4	Note 4
		NRC - Extended 4-Wire Voice Grade Dedicated Local Channel/DS1 Interoffice Combination - 1st	TBD	Note 4	Note 4	\$12.97	Note 4	Note 4	Note 4	Note 4	Note 4	Note 4
		NRC - Extended 4-Wire Voice Grade Dedicated Local Channel/DS1 Interoffice Combination - Add'l	TBD	Note 4	Note 4	\$11.27	Note 4	Note 4	Note 4	Note 4	Note 4	Note 4
		NRC - Extended 4-Wire Voice Grade Dedicated Local Channel/DS1 Interoffice Combination - Incremental Cost - Manual Svc.Order vs. Electronic - 1st	TBD	Note 4	Note 4	\$45.46	Note 4	Note 4	Note 4	Note 4	Note 4	Note 4
		NRC - Extended 4-Wire Voice Grade Dedicated Local Channel/DS1 Interoffice Combination - Incremental Cost - Manual Svc.Order vs. Electronic - Add'l	TBD	Note 4	Note 4	\$15.72	Note 4	Note 4	Note 4	Note 4	Note 4	Note 4
		RC - Interoffice Transport - Voice Grade Plug-in	TBD	Note 4	Note 4	\$2.67	Note 4	Note 4	Note 4	Note 4	Note 4	Note 4
		NRC - Extended 4-Wire Voice Grade Dedicated Local Channel/DS1 Interoffice Combination-Disconnect - 1st	TBD	Note 4	Note 4	\$12.61	Note 4	Note 4	Note 4	Note 4	Note 4	Note 4
		NRC - Extended 4-Wire Voice Grade Dedicated Local Channel/DS1 Interoffice Combination-Disconnect - Add'l	TBD	Note 4	Note 4	\$12.61	Note 4	Note 4	Note 4	Note 4	Note 4	Note 4
Extended 4-Wire DS1 Digital Loop with Dedicated DS1 Interoffice Transport												
		RC - 4-Wire DS1 Digital Loop	TBD	Note 4	Note 4	\$60.88	Note 4	Note 4	Note 4	Note 4	Note 4	Note 4
		RC - Interoffice Transport - Dedicated - DS1 - Per Mile	TBD	Note 4	Note 4	\$0.3068000	Note 4	Note 4	Note 4	Note 4	Note 4	Note 4
		RC - Interoffice Transport - Dedicated - DS1 - Facility Termination	TBD	Note 4	Note 4	\$63.39	Note 4	Note 4	Note 4	Note 4	Note 4	Note 4
		NRC - Extended 4-Wire DS1 Digital Loop/DS1 Interoffice Combination - 1st	TBD	Note 4	Note 4	\$12.97	Note 4	Note 4	Note 4	Note 4	Note 4	Note 4
		NRC - Extended 4-Wire DS1 Digital Loop/DS1 Interoffice Combination - Add'l	TBD	Note 4	Note 4	\$11.27	Note 4	Note 4	Note 4	Note 4	Note 4	Note 4
		NRC - Extended 4-Wire DS1 Digital Loop/DS1 Interoffice Combination - Incremental Cost - Manual Svc.Order vs. Electronic - 1st	TBD	Note 4	Note 4	\$45.46	Note 4	Note 4	Note 4	Note 4	Note 4	Note 4
		NRC - Extended 4-Wire DS1 Digital Loop/DS1 Interoffice Combination - Incremental Cost - Manual Svc.Order vs. Electronic - Add'l	TBD	Note 4	Note 4	\$15.72	Note 4	Note 4	Note 4	Note 4	Note 4	Note 4
		NRC - Extended 4-Wire DS1 Digital Loop/DS1 Interoffice Combination- Disconnect - 1st	TBD	Note 4	Note 4	\$12.61	Note 4	Note 4	Note 4	Note 4	Note 4	Note 4
		NRC - Extended 4-Wire DS1 Digital Loop/DS1 Interoffice Combination - Disconnect - Add'l	TBD	Note 4	Note 4	\$12.61	Note 4	Note 4	Note 4	Note 4	Note 4	Note 4
Extended 4-Wire DS1 Digital Loop with Dedicated DS3 Interoffice Transport												
		RC - 4-Wire DS1 Digital Loop	TBD	Note 4	Note 4	\$60.88	Note 4	Note 4	Note 4	Note 4	Note 4	Note 4
		RC - Interoffice Transport - Dedicated - DS3 - Per Mile	TBD	Note 4	Note 4	\$6.46	Note 4	Note 4	Note 4	Note 4	Note 4	Note 4
		RC - Interoffice Transport - Dedicated - DS3 - Facility Termination	TBD	Note 4	Note 4	\$771.60	Note 4	Note 4	Note 4	Note 4	Note 4	Note 4
		RC - Interoffice Transport - Dedicated - DS3 System	TBD	Note 4	Note 4	\$202.91	Note 4	Note 4	Note 4	Note 4	Note 4	Note 4
		NRC - Extended 4-Wire DS1 Digital Loop/DS3 Dedicated IOF Transport - 1st	TBD	Note 4	Note 4	\$12.97	Note 4	Note 4	Note 4	Note 4	Note 4	Note 4
		NRC - Extended 4-Wire DS1 Digital Loop/DS3 Dedicated IOF Transport - Add'l	TBD	Note 4	Note 4	\$11.27	Note 4	Note 4	Note 4	Note 4	Note 4	Note 4
		NRC - Extended 4-Wire DS1 Digital Loop/DS3 Dedicated IOF Transport - Incremental Cost - Manual Svc.Order vs. Electronic - 1st	TBD	Note 4	Note 4	\$45.46	Note 4	Note 4	Note 4	Note 4	Note 4	Note 4
		NRC - Extended 4-Wire DS1 Digital Loop/DS3 Dedicated IOF Transport - Incremental Cost - Manual Svc.Order vs. Electronic - Add'l	TBD	Note4	Note4	\$15.72	Note4	Note4	Note4	Note4	Note4	Note4
		RC - Interoffice Transport - DS1 Card or W-DCS port	TBD	Note 4	Note 4	\$0.6670000	Note 4	Note 4	Note 4	Note 4	Note 4	Note 4
		NRC - Extended 4-Wire DS1 Digital Loop/DS3 Dedicated IOF Transport - Disconnect - 1st	TBD	Note 4	Note 4	\$12.61	Note 4	Note 4	Note 4	Note 4	Note 4	Note 4
		NRC - Extended 4-Wire DS1 Digital Loop/DS3 Dedicated IOF Transport - Disconnect - Add'l	TBD	Note 4	Note 4	\$12.61	Note 4	Note 4	Note 4	Note 4	Note 4	Note 4
Extended DS1 Dedicated Local Channel with Dedicated DS3 Interoffice Transport												
		RC - Local Channel - Dedicated - DS1	TBD	Note 4	Note 4	\$38.57	Note 4	Note 4	Note 4	Note 4	Note 4	Note 4
		RC - Interoffice Transport - Dedicated - DS3 - Per Mile	TBD	Note 4	Note 4	\$6.46	Note 4	Note 4	Note 4	Note 4	Note 4	Note 4
		RC - Interoffice Transport - Dedicated - DS3 - Facility Termination	TBD	Note 4	Note 4	\$717.60	Note 4	Note 4	Note 4	Note 4	Note 4	Note 4
		RC - Interoffice Transport - Dedicated - DS3 System	TBD	Note 4	Note 4	\$202.91	Note 4	Note 4	Note 4	Note 4	Note 4	Note 4
		NRC - Extended 4-Wire DS1 Dedicated Local Channel/DS3 Interoffice Combination - 1st	TBD	Note 4	Note 4	\$12.97	Note 4	Note 4	Note 4	Note 4	Note 4	Note 4
		NRC - Extended 4-Wire DS1 Dedicated Local Channel/DS3 Interoffice Combination - Add'l	TBD	Note 4	Note 4	\$11.27	Note 4	Note 4	Note 4	Note 4	Note 4	Note 4
		NRC - Extended 4-Wire DS1 Dedicated Local Channel/DS3 Interoffice Combination - Incremental Cost - Manual Svc.Order vs. Electronic - 1st	TBD	Note 4	Note 4	\$45.46	Note 4	Note 4	Note 4	Note 4	Note 4	Note 4
		NRC - Extended 4-Wire DS1 Dedicated Local Channel/DS3 Interoffice Combination- Incremental Cost - Manual Svc.Order vs. Electronic - Add'l	TBD	Note 4	Note 4	\$15.72	Note 4	Note 4	Note 4	Note 4	Note 4	Note 4
		RC - Interoffice Transport - DS1 Card or W-DCS port	TBD	Nrote 4	Nrote 4	\$0.6670000	Nrote 4	Nrote 4	Nrote 4	Nrote 4	Nrote 4	Nrote 4
		NRC - Extended 4-Wire DS1 Dedicated Local Channel/DS3 Interoffice Combination - Disconnect - 1st	TBD	Note 4	Note 4	\$12.61	Note 4	Note 4	Note 4	Note 4	Note 4	Note 4
		NRC - Extended 4-Wire DS1 Dedicated Local Channel/DS3 Interoffice Combination - Disconnect - Add'l	TBD	Note 4	Note 4	\$12.61	Note 4	Note 4	Note 4	Note 4	Note 4	Note 4



BELLSOUTH/CLEC-1 RATES  
NETWORK ELEMENTS  
AND OTHER SERVICES

			RATES BY STATE									
DESCRIPTION			USOC	AL	FL	GA	KY	LA	MS	NC	SC	TN
UNBUNDLED LOOP COMBINATIONS - NOTES:												
	1	In the absence of ordered rates by a State Commission, the rates for Currently Combined combinations of loop and port network elements will be the sum of the stand alone recurring rates of the UNEs which make up the combinations.										
	2	For Georgia, on an interim basis, for those currently combined port/loop combinations defined by the Georgia Public Service Commission as not currently combined, the non-recurring and recurring rates for such UNE combinations shall be the sum of the stand-alone non-recurring and recurring rates of the UNEs which make up the combinations.										
	3	Zone 1 / Top 8 MSAs/ Customers with 4 or more DS0 Equivalent 2-wire voice loop with 2-wire line port combination: the Loop rates will be the stand-alone UNE Loop rate; the Port rate will be the Market Based rates set forth in this Exhibit.										
	4	The rates for currently combined EELs will be the sum of the individual UNE rates, both recurring and nonrecurring, subject to true-up, unless otherwise negotiated by the Parties.										

BELLSOUTH/CLEC-1 RATES  
NETWORK ELEMENTS  
AND OTHER SERVICES

DESCRIPTION			USOC	RATES BY STATE								
				AL	FL	GA	KY	LA	MS	NC	SC	TN
Operational Support Systems												
		RC - OSS OLEC Daily Usage File: Recording, Per Message	TBD	\$0.0002	\$0.008	\$0.0001275	\$0.0008611	\$0.00019	\$0.0001179	\$0.0080	\$0.0002862	\$0.008
		RC- OSS OLEC Daily Usage File: Message Processing, Per Message	TBD	\$0.0033	\$0.004	\$0.0062548	\$0.0032357	\$0.0024	\$0.0032089	\$0.004	\$0.0032344	\$0.004
		RC - OSS OLEC Daily Usage File: Message Distribution, Per Magnetic Tape Provisioned	TBD	\$55.19	\$54.95	\$28.25	\$55.68	\$47.3000	\$54.62	\$54.95	\$54.72	\$54.95
		RC - OSS OLEC Daily Usage File: Data Transmission (CONNECT:DIRECT), Per Message	TBD	\$0.00004	\$0.001	\$0.0000434	\$0.0000365	\$0.0000300	\$0.0000354	\$0.001	\$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	\$54.95	\$54.95	\$28.85	\$54.95	\$54.95	\$54.95	\$54.95	\$54.95	\$54.95
		RC - ADUF, Data Transmission (CONNECT:DIRECT), per message	TBD	\$0.001	\$0.001	\$0.0000434	\$0.001	\$0.001	\$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	\$0.0034555	\$0.004	\$0.004	\$0.004	\$0.004	\$0.004	\$0.004
		Enhanced Optional Daily Usage File: Message Processing, per magnetic tape provisioned	TBD	\$47.30	\$47.30	\$47.30	\$47.30	\$47.30	\$47.30	\$47.30	\$47.30	\$47.30
		Enhanced Optional Daily Usage File: Data Transmission (CONNECT:DIRECT), per message	TBD	\$0.0000364	\$0.0000364	NA	\$0.0000364	\$0.0000364	\$0.0000364	\$0.0000364	\$0.0000364	\$0.0000364
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	NA	\$0.0004868	NA	\$0.0005305	\$0.0005321	NA	\$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 Digit 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												
		NRC - 1st	N8R1X	\$7.13	NA	\$6.57	\$10.05	\$6.29	\$8.46	\$27.00	\$6.38	\$30.00
		NRC - Add'l	N8R1X	\$0.97	NA	\$0.76	\$1.19	\$0.73	\$0.96	\$0.50	\$0.9583	\$0.50
		NRC - Incremental Charge - Manual Service Order - 1st	SOMAN	\$27.37	NA	\$18.94	NA	\$18.14	\$25.52	NA	\$27.84	NA
		NRC - Incremental Charge - Manual Service Order - Add'l	SOMAN	NA	NA	NA	NA	NA	NA	NA	NA	NA
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	\$61.00	\$22.63	\$67.50
		NRC - Add'l	N/A	\$1.97	NA	\$1.45	\$3.22	\$1.39	\$1.93	\$1.50	\$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	NA	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	\$61.00	\$22.63	\$67.50
		NRC - Add'l	N8FTX	\$1.97	NA	\$1.45	\$3.22	\$1.39	\$1.93	\$1.50	\$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	NA	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	\$3.00	\$5.64	\$3.00
		NRC - Add'l	N8FCX	\$2.85	NA	\$2.23	\$3.49	\$2.14	\$2.81	\$1.50	\$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
Multiple Inter LATA Carrier Routing per Carrier Requested per 8XX #												
		NRC - 1st	N8FMX	\$6.66	NA	\$5.22	\$8.16	\$5.00	\$6.59	\$3.50	\$6.60	\$3.50

BELLSOUTH/CLEC-1 RATES  
NETWORK ELEMENTS  
AND OTHER SERVICES

DESCRIPTION			USOC	RATES BY STATE								
				AL	FL	GA	KY	LA	MS	NC	SC	TN
		NRC - Add'l	N8FMX	\$3.81	NA	\$2.99	\$4.67	\$2.86	\$3.77	\$2.00	\$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
Change Charge per request												
		NRC - 1st	N8FAX	\$8.10	NA	\$7.33	\$11.24	\$7.01	\$9.42	\$41.00	\$7.34	\$48.50
		NRC - Add'l	N8FAX	\$0.97	NA	\$0.76	\$1.19	\$0.73	\$0.96	\$0.50	\$0.9583	\$0.50
		NRC - Incremental Charge - Manual Service Order - 1st	SOMAN	\$27.37	NA	\$18.94	NA	\$18.14	\$25.52	NA	\$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	\$3.00	\$5.64	\$3.00
		NRC - Add'l	N8FDX	NA	NA	\$4.46	\$6.97	\$4.27	\$5.63	\$3.00	\$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	\$0.041003	\$0.0141003	\$0.041003
		LIDB Originating Point Code Establishment or Change - NRC	N/A	\$64.36	NA	\$50.30	\$107.60	\$48.17	\$63.63	\$91.00	\$61.62	NA
		NRC - Incremental Charge - Manual Service Order - 1st	SOMAN	\$25.93	NA	\$18.94	NA	\$18.14	\$25.52	NA	\$27.84	\$91.00
		NRC - Incremental Charge - Manual Service Order - Add'l	SOMAN	NA	NA	NA	NA	NA	NA	NA	\$27.84	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	\$131.96	\$354.95	\$126.34	\$169.72	\$510.00	\$277.07	\$510.00
		NRC - Disconnect		\$135.70	NA	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	pending
		NRC		\$171.98	\$400.00	\$131.96	\$354.95	\$126.34	\$169.72	\$510.00	\$277.07	\$510.00
		NRC - Disconnect		\$135.70	NA	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	\$355.00	\$156.33	\$355.00
		CCS7 Signaling Usage, per ISUP message		\$0.00004	\$0.00001	\$0.0000354	\$0.000037893	\$0.0000430	\$0.0000456	NA	\$0.0000452	\$0.000023
		(applicable when measurement and billing capability exists.)										
		CCS7 Signaling Usage, per TCAP message		\$0.0001	\$0.00004	\$0.0000870	\$0.000102042	\$0.0001052	\$0.0001115	NA	\$0.0001108	\$0.00005
		(applicable when measurement and billing capability exists.)										
		CCS7 Signaling Usage Surrogate, per link per LATA per mo (9)		\$376.12	\$64.00	\$340.67	\$329.98	\$406.71	\$406.53	NA	\$396.55	\$395.00
		CCS7 Signaling Point Code, Establishment or Change, per STP affected										
		NRC		\$62.00	\$62.00	\$62.00	\$62.00	\$62.00	\$62.00	\$62.00	\$62.00	\$62.00
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	\$1.06	\$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	\$1.06	\$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	NA	NA	NA	NA	NA	NA	NA	NA	\$0.30
		Fully Automated Call Handling per call - Using BST LIDB	N/A	\$0.11	\$0.10	\$0.0776409	\$0.0856	\$0.10	\$0.1072884	\$0.09	\$0.1115808	\$0.15
		Fully Automated Call Handling per call - Using Foreign LIDB	N/A	\$0.13	\$0.10	\$0.0976984	\$0.1071	\$0.12	\$0.1253666	\$0.09	\$0.1293459	\$0.15
		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)	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
		DRAM or front-end loading, per TOPS switch	USOD2	\$250.00	\$250.00	\$250.00	\$250.00	\$250.00	\$250.00	\$250.00	\$250.00	\$250.00
		AABS or back-end loading, per IVS	USOD2	\$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	USOD2	\$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	N/A	\$9.61	NA	NA	NA	NA	NA	NA	NA	NA
		Recording Charge per Branded Announcement – Disconnect – Subsequent	N/A	\$9.61	NA	NA	NA	NA	NA	NA	NA	NA

BELLSOUTH/CLEC-1 RATES  
NETWORK ELEMENTS  
AND OTHER SERVICES

			RATES BY STATE									
DESCRIPTION			USOC	AL	FL	GA	KY	LA	MS	NC	SC	TN
INWARD OPERATOR SERVICES												
Verification, per minute			N/A	\$1.16	NA	\$0.921083	NA	\$0.86	\$1.14	NA	\$1.15	NA
Verification and Emergency Interrupt, per minute			N/A	\$1.16	NA	\$0.921083	NA	\$0.86	\$1.14	NA	\$1.15	NA
Verification, per call			VIL	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			N/A	\$0.0598	\$0.03	\$0.0348712	\$0.058	\$0.04	\$0.0425585	\$0.036	\$0.0638883	\$0.12
Call Completion Access Term charge per completed call			N/A	NA	NA	NA	NA	NA	NA	NA	\$0.08	NA
Number Services Intercept per query			N/A	\$0.0235	\$0.01	\$0.0097497	\$0.0086	\$0.02	\$0.0188268	\$0.0077	\$0.0124036	\$0.15
Number Services Intercept per Intercept Query Update			N/A	NA	NA	NA	\$0.0055	NA	NA	NA	NA	NA
Directory Assistance Access Service Calls, per call				\$0.26	\$0.25	\$0.2124568	\$0.3136	\$0.20	\$0.2617159	\$0.271744	\$0.2619983	NA
Professional recording of name (DA alone)				\$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)				\$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
DRAM or front-end loading, per TOPS switch				\$250.00	\$250.00	\$250.00	\$250.00	\$250.00	\$250.00	\$250.00	\$250.00	\$250.00
AABS or back-end loading, per IVS				\$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				\$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			N/A	\$9.61	NA	NA	NA	NA	NA	NA	NA	NA
Recording Charge per Branded Announcement – Disconnect – Subsequent			N/A	\$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	Sec 9	\$37.20	\$133.81
NRC - 1st			N/A	\$503.57	\$242.45	\$356.15	\$637.46	\$339.69	\$494.83	Sec 9	\$534.81	\$868.97
NRC - Add'l			N/A	\$442.84	\$226.44	\$312.89	\$546.94	\$298.29	\$435.28	Sec 9	\$462.81	\$486.83
NRC - Disconnect Charge - 1st			N/A	\$46.28	NA	NA	NA	\$33.02	\$46.85	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			SOMAN	\$61.99	NA	\$44.22	NA	\$42.34	\$59.58	Sec 9	\$87.99	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	Sec 9	\$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	Sec 9	\$94.98	\$90.00
NRC - 1st			N/A	\$198.15	\$45.91	\$147.07	\$298.18	\$140.49	\$196.28	Sec 9	\$216.27	\$100.49
NRC - Add'l			N/A	\$148.18	\$44.18	\$111.75	\$231.18	\$106.69	\$147.31	Sec 9	\$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	Sec 9	\$39.63	NA
NRC - Incremental Charge - Manual Service Order - Add'l			SOMAN	\$27.37	NA	NA	NA	\$18.14	\$25.52	Sec 9	\$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			N/A	\$0.0003	\$0.0003	\$0.0002906	\$0.000175	\$0.0003274	\$0.0002997	Sec 9	\$0.000327	NA
Switched Common Transport per DA Access Service per call per mile			N/A	\$0.00003	\$0.00001	\$0.0000186	\$0.000004	\$0.0000175	\$0.0000202	Sec 9	\$0.0000303	NA
Access Tandem Switching per DA Access Service per call			N/A	\$0.0023	\$0.00055	\$0.0019152	\$0.000783	\$0.0025257	\$0.0023713	Sec 9	\$0.0024809	NA
DA Interconnection, per DA Access Service Call			N/A	\$0.00269	NA	\$0.00269	NA	NA	NA	Sec 9	\$0.000269	NA
Directory Transport-Installation NRC, per trunk or signaling connection			N/A									
NRC - 1st			N/A	\$260.69	\$206.06	\$204.23	\$501.98	\$195.54	\$257.73	Sec 9	\$407.81	NA
NRC - Add'l			N/A	\$5.95	\$4.71	\$4.42	\$13.32	\$4.23	\$5.85	Sec 9	\$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	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	\$0.00072	\$0.0444	NA
Directory Assistance Database Service, per month			DBSOF	\$128.55	\$100.00	\$95.50	\$120.76	\$90.54	\$126.17	\$97.39	\$127.23	NA
Direct Access to Directory Assistance Service (DADAS)												

BELLSOUTH/CLEC-1 RATES  
NETWORK ELEMENTS  
AND OTHER SERVICES

DESCRIPTION			USOC	RATES BY STATE								
				AL	FL	GA	KY	LA	MS	NC	SC	TN
Direct Access to Directory Assistance Service, per month			DBSDS	\$7,055.00	\$5,000.00	\$5,254.00	\$7,235.01	\$4,982.00	\$6,926.00	\$5,000.00	\$6,983.00	NA
Direct Access to Directory Assistance Service, per query			DBSDA	\$0.0472685	\$0.01	\$0.0469016	\$0.0052	\$0.0460	\$0.0461336	\$0.023	\$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	\$1,000.00	\$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	\$80.52	NA	NA	NA
AIN (Note 4)												TBD
AIN, per message			CAM	NA	(interim)	NA	NA	NA	NA	NA	NA	NA
AIN - BellSouth AIN SMS Access Service			CAM								NA	NA
		Service Establishment Charge, per state, initial set-up										
		NRC	CAMSE	\$197.49	NA	\$90.25	NA	\$153.31	\$174.03	NA	\$296.16	NA
		NRC - Disconnect	CAMSE	\$114.22	NA	NA	NA	\$78.06	\$135.96	NA	NA	NA
		Port Connection - Dial/Shared Access										
		NRC	CAMDP	\$64.05	NA	\$29.66	NA	\$50.07	\$53.47	NA	\$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	NA	\$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	NA	\$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	NA	\$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	NA	\$0.0028	NA
		Session per minute	N/A	\$0.0892	NA	\$0.0795604	NA	\$0.10	\$0.0975650	NA	\$0.0942966	NA
		C0, Performed Session, per minute					NA	\$1.97	\$2.09	NA	\$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										
		NRC	BAPSC	\$192.69	NA	\$86.74	NA	\$153.25	\$169.31	NA	\$291.41	NA
		NRC - Disconnect	BAPSC	\$114.22	NA	NA	NA	\$78.05	\$135.96	NA	NA	NA
		Training Session, per customer										
		NRC	BAPVX	\$8,363.00	NA	\$8,348.00	NA	\$8,315.00	\$8,379.00	NA	\$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	NA	\$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	NA	\$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	NA	\$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	NA	\$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	NA	\$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										
		NRC	BAPTF	\$117.98	NA	\$70.06	NA	\$92.99	\$106.90	NA	\$150.25	NA
		NRC - Disconnect	BAPTF	\$37.90	NA	NA	NA	\$26.73	\$48.44	NA	NA	NA
		Query Charge, per query		\$0.024	NA	\$0.0209223	NA	\$0.03	\$0.0256138	NA	\$0.0250662	NA

BELLSOUTH/CLEC-1 RATES  
NETWORK ELEMENTS  
AND OTHER SERVICES

DESCRIPTION			USOC	RATES BY STATE								
				AL	FL	GA	KY	LA	MS	NC	SC	TN
		Type 1 Node Charge, per AIN Toolkit Subscription, per node, per query		\$0.006	NA	\$0.0053137	NA	\$0.0065	\$0.0065161	NA	\$0.0062979	NA
SCP Storage Charge, per SMS Access Acct, per 100 Kb			N/A	\$1.63	NA	\$1.46	NA	\$1.79	\$1.79	NA	\$1.73	NA
Monthly Report - per AIN Toolkit Service Subscription			BAPMS	\$16.00	NA	\$15.96	NA	\$15.89	\$16.01	NA	\$15.93	NA
		NRC	BAPMS	\$44.56	NA	\$22.64	NA	\$34.61	\$44.02	NA	\$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	\$0.0810536	NA	\$0.0872769	NA
		NRC	BAPLS	\$47.74	NA	\$22.64	NA	\$37.77	\$47.21	NA	\$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	NA	\$15.84	NA
		NRC	BAPDS	\$44.56	NA	\$22.64	NA	\$34.61	\$44.02	NA	\$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	NA	\$0.0029092	NA
		NRC	BAPES	\$47.74	NA	\$22.64	NA	\$37.77	\$47.21	NA	\$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			N/A	\$0.016	\$0.016	\$0.016	\$0.016	\$0.016	\$0.016	\$0.016	\$0.016	\$0.016
CNAM (Non-Database Owner), Per Query *			N/A	\$0.01	\$0.01	\$0.01	\$0.01	\$0.01	\$0.01	\$0.01	\$0.01	\$0.01
		transmit the names to the BellSouth CNAM database	N/A	\$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	Rate)	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							NA	NA	NA	NA	NA	NA
		NRC	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	\$253.51	NA	\$27.84	NA
VIRTUAL COLLOCATION												
2-wire Cross-Connect												
		RC	UEAC2	\$0.28	\$0.524	\$0.30	\$0.31	\$0.26	\$0.3996	\$0.30	\$0.3648	\$0.30
		NRC - 1st	UEAC2	\$30.76	\$11.57	\$12.60	\$54.21	\$23.04	\$30.93	\$19.20	\$41.50	\$19.20
		NRC - Add'l	UEAC2	\$29.40	\$11.57	\$12.60	\$51.07	\$22.11	\$29.59	\$19.20	\$38.94	\$19.20
		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	\$0.50	\$0.7297	\$0.50
		NRC - 1st	UEAC4	\$66.71	\$11.57	\$12.60	\$54.23	\$23.23	\$31.17	\$19.20	\$41.56	\$19.20
		NRC - Add'l	UEAC4	\$50.43	\$11.57	\$12.60	\$50.96	\$22.24	\$29.77	\$19.20	\$38.90	\$19.20
		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
		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	\$63.56	\$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

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**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**

All negotiated rates, terms and conditions set forth in this Attachment pertain to the provision of network interconnection.

- 1.1 Interconnection is available to both Parties through: (1) delivery of a Party's facilities to a collocation arrangement or Fiber Meet arrangement as defined in this Agreement; or (2) interconnection via purchase of facilities from the other Party. Interconnection may be provided by the Parties at any other technically feasible point. Requests to BellSouth for interconnection at other points may be made through the Bona Fide Request/New Business Request process set out in General Terms and Conditions.
- 1.2 ECI must establish, at a minimum, a single Point of Presence, Interface, and Interconnection with BellSouth within the LATA for the delivery of ECI's originated local and intraLATA toll traffic and for the receipt and delivery of transit traffic. If ECI chooses to interconnect at a single Point of Interconnection within a LATA, the interconnection must be at a BellSouth Access Tandem. Furthermore, ECI must establish Points of Interconnection at all BellSouth access and local tandems where ECI NXXs are "homed." A "Homing" arrangement is defined by a "Final" Trunk Group between the BellSouth Tandem and ECI End Office switch. A "Final" Trunk Group is the last choice telecommunications path between the Tandem and End Office switch. It is ECI's responsibility to enter its own NPA/NXX access and/or local tandem "homing" arrangements into the national Local Exchange Routing Guide (LERG).
- 1.2.1 In order for ECI to home its NPA/NXX(s) on a BellSouth Tandem, ECI's NPA/NXX(s) must be assigned to an Exchange Rate Center Area served by that BellSouth Tandem and as specified by BellSouth. The specified association between BellSouth Tandems and Exchange Rate Center Areas is defined in the Local Exchange Routing Guide (LERG) as it is revised from time to time.
- 1.3 A **Point of Presence (POP)** is the physical location (a structure where the environmental, power, air conditioning, etc. specifications for a Party's terminating equipment can be met) at which a Party establishes itself for obtaining access to the other Party's network. The POP is the physical location within which the Point of Interfaces occur.

- 1.4      **A Point of Interface** is the physical telecommunications interface between BellSouth and ECI's interconnection functions. It establishes the technical interface and point of operational responsibility. The primary function of the Point of Interface is to serve as the terminus for the interconnection service. The Point of Interface has the following main characteristics:
1.      It is a cross-connect point to allow connection, disconnection, transfer or restoration of service.
  2.      It is a point where BellSouth and ECI can verify and maintain specific performance objectives.
  3.      It is specified according to the interface offered in the tariff or local interconnection agreement (for example: for DS1 service the FCC # 1 tariff specifies that the interface meets the technical specifications detailed in Generic Requirements GR-342-CORE, Issue 1, December 1995.)
  4.      The Parties provide their own equipment (CPE) to interface with the DS0, DS1, DS3, STS1 and/or OCn circuits on the customer premises.
- 1.5      The **Point of Interconnection** is the point at which the originating Party delivers its originated traffic to the terminating Party's first point of switching on the terminating Party's common (shared) network for call transport and termination. Points of Interconnection are available at either Access Tandems, Local Tandems, or End Offices as described in this Agreement. ECI's requested Point of Interconnection will also be used for the receipt and delivery of transit traffic at BellSouth Access and Local Tandems. Points of Interconnection established at the BellSouth Local Tandem apply only to ECI-originated local and local originating and terminating transit traffic.
- 1.6      ECI, at its option, shall establish Points of Presence and Points of Interface for the delivery of its originated local and intraLATA toll traffic to BellSouth. The Point of Interface may not necessarily be established at the Point of Interconnection.
- 1.7      BellSouth, at its option, shall designate the Points of Presence and Points of Interface for the delivery of its originated local and intraLATA toll traffic to ECI for call transport and termination by ECI. The Point of Interface may not necessarily be established at the Point of Interconnection.
- 1.8      Interconnection via Leased Dedicated Transport Facilities
- 1.8.1      The originating Party may purchase Local Channel facilities from the terminating Party from the originating Party's specified Point of Interface to its serving wire center. The Parties agree that charges for such Local Channel facilities are as set forth in Exhibit A to this Attachment. If a nonrecurring or recurring rate is not

identified in Exhibit A for a Local Channel, the rate shall be as set forth in the appropriate BellSouth intrastate or interstate tariff for switched access services.

- 1.8.2 Additionally, either Party may purchase Dedicated Interoffice Transport facilities from its designated serving wire center to the other Party's first point of switching. The Parties agree that charges for such Dedicated Transport facilities are as set forth in Exhibit A to this Attachment. If a nonrecurring or recurring rate is not identified in Exhibit A for Dedicated Transport, the rate shall be as set forth in the appropriate BellSouth intrastate or interstate tariff for switched access services.
- 1.8.3 For the purposes of this Attachment, **Local Channel** is defined as a switch transport facility between a Party's Point of Presence and its designated serving wire center.
- 1.8.4 For the purposes of this Attachment, **Serving Wire Center** is defined as the wire center owned by one Party from which the other Party would normally obtain dial tone for its Point of Presence.
- 1.8.5 For the purposes of this Attachment, **Dedicated Interoffice Transport** is defined as a switch transport facility between a Party's designated serving wire center and the first point of switching on the other Party's common (shared) network.
- 1.9 Fiber Meet
- 1.9.1 **Fiber Meet** is an interconnection arrangement whereby the Parties physically interconnect their networks via an optical fiber interface (as opposed to an electrical interface) at which one Party's facilities, provisioning, and maintenance responsibility begins and the other Party's responsibility ends (i.e. Point of Interface).
- 1.9.2 If ECI elects to interconnect with BellSouth pursuant to a Fiber Meet, ECI and BellSouth shall jointly engineer and operate a Synchronous Optical Network ("SONET") transmission system by which they shall interconnect their transmission and routing of local traffic via a Local Channel facility at either the DS0, DS1, or DS3 level. The Parties shall work jointly to determine the specific transmission system. However, ECI's SONET transmission must be compatible with BellSouth's equipment in the BellSouth Interconnection Wire Center. The same vendor's equipment and software version must be used, and the Data Communications Channel (DCC) must be turned off.
- 1.9.3 BellSouth shall, wholly at its own expense, procure, install and maintain the agreed upon SONET equipment in the BellSouth Interconnection Wire Center ("BIWC").

- 1.9.4 ECI shall, wholly at its own expense, procure, install and maintain the agreed upon SONET equipment in the ECI Interconnection Wire Center ("ECI Wire Center").
- 1.9.5 BellSouth shall designate a Point of Interface outside the BIWC as a Fiber Meet point, and shall make all necessary preparations to receive, and to allow and enable ECI to deliver, fiber optic facilities into the Point of Interface with sufficient spare length to reach the fusion splice point at the Point of Interface. BellSouth shall, wholly at its own expense, procure, install, and maintain the fusion splicing point in the Point of Interface. A Common Language Location Identification ("CLLI") code will be established for each Point of Interface. The code established must be a building type code. All orders shall originate from the Point of Interface (i.e., Point of Interface to ECI, Point of Interface to BellSouth).
- 1.9.6 ECI shall deliver and maintain such strands wholly at its own expense. Upon verbal request by ECI, BellSouth shall allow ECI access to the Fiber Meet entry point for maintenance purposes as promptly as possible.
- 1.9.7 The Parties shall jointly coordinate and undertake maintenance of the SONET transmission system. Each Party shall be responsible for maintaining the components of their own SONET transmission system.
- 1.9.8 Each Party will be responsible for (i) providing its own transport facilities to the Fiber Meet, and (ii) the cost to build-out its facilities to such Fiber Meet.
- 1.9.9 Neither Party shall charge the other for its portion of the Fiber Meet facility used exclusively for non-transit local traffic (i.e. the Local Channel). Charges incurred for other services including dedicated transport facilities to the Point of Interconnection if applicable will apply. Charges for Switched and Special Access Services shall be billed in accordance with the applicable Access Service tariff (i.e. the BellSouth Interstate or Intrastate Access Services Tariff).

## **2. Interconnection Trunking Architectures**

- 2.1 BellSouth and ECI shall establish interconnecting trunk groups and trunking configurations between networks including the establishment of one-way or two-way trunks in accordance with the following provisions set forth in this Agreement.
- 2.2 Any ECI interconnection request that deviates from the standard trunking architectures as described in this Agreement that affects traffic delivered to ECI from a BellSouth switch that requires special BellSouth switch translations and other network modifications will require ECI 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.
- 2.3 All terms and conditions, as well as charges, both non-recurring and recurring, associated with interconnecting trunk groups between BellSouth and ECI not addressed in Exhibit A shall be as set forth in the appropriate BellSouth intrastate or interstate tariff for switched access services. For two-way trunking that carries the Parties' local and intraLATA toll traffic only, excluding trunking that carries Transit Traffic, the Parties shall be compensated for the nonrecurring and recurring charges for trunks and DS1 facilities at 50% of the applicable contractual or tariff rates for the services provided by each Party. ECI shall be responsible for ordering and paying for any two-way trunks carrying transit traffic. Furthermore, ECI shall be responsible for the compensation for two-way trunking that it orders for its local and intraLATA toll but utilizes unidirectionally.
- 2.4 Switched Access traffic will be delivered to and by IXCs based on ECI's NXX Access Tandem homing arrangement as specified by ECI in the national Local Exchange Routing Guide (LERG).
- 2.5 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.
- 2.6 In cases where ECI is also an IXC, the IXC's Feature Group D (FG D) trunking must remain separate from the local interconnection trunking.
- 2.7 Two-Way Trunking Requirements:
- The following requirements apply to two-way trunking that carries the Parties local and intraLATA toll.
1. ECI will initiate two-way trunk request. The use of and quantity of two way trunking shall be mutually agreed upon and shall be jointly provisioned.

2. The Point of Interface will be located at a mutually agreed location or point designated by BellSouth. If an agreement cannot be reached on the location of the Point of Interface, each company will establish its own Point of Interface and order one-way trunks.
3. BellSouth and ECI will jointly review the trunk forecast, as needed, on a periodic basis, or at least every six (6) months.
4. ECI will order trunks using access service request (ASR) process in place for Local Interconnection after the joint planning meeting takes place between BellSouth and ECI.
5. BellSouth and ECI must agree on traffic engineering parameters that will be used in the engineering of the trunk groups.
6. BellSouth and ECI must agree to meet and resolve service-affecting situations in a timely manner. This contact will normally be made through the Account Team.
7. Establishing a two-way trunk group does not preclude BellSouth or ECI from adding one-way trunk groups within the same Local Calling Area.
8. For technical reasons, two-way trunk groups may not be ordered to a BellSouth DMS100 Local Tandem or DMS100 End Office.
9. BellSouth will be responsible for the installation and maintenance of its trunks and facilities to the mutually agreed Point of Interface, and ECI will be responsible for the installation and maintenance of its trunks and facilities to the mutually agreed to Point of Interface.

## 2.8 BellSouth Access Tandem Interconnection Architectures

2.8.1 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.

### 2.8.2 Basic Architecture

2.8.2.1 In this architecture, ECI's originating Local and IntraLATA Toll and originating and terminating Transit Traffic is transported on a single two-way trunk group between ECI and BellSouth access tandem(s) within a LATA. This group carries intratandem Transit Traffic between ECI and Independent Companies, Interexchange Carriers, other CLECs and other network providers with which ECI desires interconnection and has the proper contractual arrangements. This group also carries ECI 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 ECI. The Two-way Trunking Requirements described in this Attachment do not apply to this architecture. 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.

### 2.8.3 One-Way Trunking Architecture

2.8.3.1 In this architecture, the Parties interconnect using two one-way trunk groups. One one-way trunk group carries ECI-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 ECI end-users. A third two-way trunk group is established for ECI's originating and terminating Transit Traffic. This group carries intratandem Transit Traffic between ECI and Independent Companies, Interexchange Carriers, other CLECs and other network providers with which ECI desires interconnection and has the proper contractual arrangements. This group also carries ECI 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 Trunking Architecture is illustrated in Exhibit C.

### 2.8.4 Two-Way Trunking Architecture

2.8.4.1 The Two-Way Trunking Architecture establishes one two-way trunk group to carry local and intraLATA toll traffic between ECI and BellSouth. To establish this architecture, ECI and BellSouth must meet the Two-way Trunking Requirements described in this Attachment. In addition, a two-way transit trunk group must be established for ECI's originating and terminating Transit Traffic. This group carries intratandem Transit Traffic between ECI and Independent Companies, Interexchange Carriers, other CLECs and other network providers with which ECI desires interconnection and has the proper contractual arrangements. This group also carries ECI 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 Trunking Architecture is illustrated in Exhibit D.



## 2.8.5 Supergroup Architecture

- 2.8.5.1 In the Supergroup Architecture, the Parties Local and IntraLATA Toll and ECI's Transit Traffic is exchanged on a single two-way trunk group between ECI and BellSouth. To establish this architecture, ECI and BellSouth must meet the Two-way Trunking Requirements described in this Attachment. This group carries intratandem Transit Traffic between ECI and Independent Companies, Interexchange Carriers, other CLECs and other network providers with which ECI desires interconnection and has the proper contractual arrangements. This group also carries ECI 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.

- 2.9 BellSouth **Multiple Tandem Access (MTA)** provides for LATA wide BellSouth transport and termination of ECI-originated intraLATA toll and local traffic, that is transported by BellSouth, by establishing a Point of Interconnection at a BellSouth access tandem with routing through multiple BellSouth access tandems as required. However, ECI must still establish Points of Interconnection at all BellSouth access tandems where ECI NXXs are “homed”. If ECI does not have NXXs homed at a BellSouth access tandem within a LATA and elects not to establish Points of Interconnection at such BellSouth access tandem, ECI can order MTA in each BellSouth access tandem within the LATA where it does have a Point of Interconnection and BellSouth will terminate traffic to end-users served through those BellSouth access tandems where ECI does not have a Point of Interconnection. MTA shall be provisioned in accordance with BellSouth’s Ordering Guidelines.
- 2.10 MTA does not include switched access traffic that transits the BellSouth network to an Interexchange Carrier (IXC). Switched Access traffic will be delivered to and by IXCs based on ECI’s NXX Access Tandem homing arrangement as specified by ECI in the national Local Exchange Routing Guide (LERG).
- 2.11 For ECI-originated local and intraLATA toll traffic that BellSouth transports but is destined for termination by a third Party network (transit traffic), BellSouth MTA is required if multiple BellSouth access tandems are necessary to deliver the call to the third Party network.
- 2.12 The Parties agree that compensation for the BellSouth transport and/or termination of ECI’s local and intraLATA toll traffic will be billed on a statewide basis at the applicable rates specified in Exhibit A to this Attachment for local traffic and at the BellSouth intrastate switched access tariff rates for intraLATA toll traffic.
- 2.13 To the extent ECI does not purchase MTA in a calling area that has multiple access tandems serving the calling area as defined by BellSouth, ECI must establish Points of Interconnection to every access tandem in the calling area in order to serve the entire calling area. To the extent ECI does not purchase MTA and provides intraLATA toll service to its customers, it may be necessary for it to establish a Point of Interconnection to additional BellSouth access tandems that serve end offices outside the local calling area. To the extent ECI routes its traffic in such a way that utilizes BellSouth’s MTA service without properly ordering MTA service, ECI agrees to pay BellSouth the associated transport and termination charges.
- 2.14 BellSouth End Office Interconnection

- 2.14.1 ECI may establish interconnection at BellSouth end offices for the delivery of ECI originated local and intralata toll traffic destined for BellSouth end-users served by that end-office.
- 2.14.2 When end office trunking is ordered by BellSouth to deliver BellSouth originated traffic to ECI, BellSouth will provide overflow routing through BellSouth tandems consistent with how BellSouth overflows its traffic. The overflow will be based on the homing arrangements ECI displays in the LERG. Likewise, if ECI interconnects to a BellSouth end office for delivery of ECI originated traffic, ECI will overflow the traffic through the BellSouth tandems based on the BellSouth homing arrangements shown in the LERG.
- 2.14.3 The Parties shall utilize direct end office trunking under the following conditions:
- (1) 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 ECI and BellSouth's subscribers.
  - (2) Traffic Volume - To the extent either Party has the capability to measure the amount of traffic between a ECI 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 ECI 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 ECI'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.
  - (3) 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.
- 2.15 Local Tandem Interconnection.
- 2.15.1 This interconnection arrangement allows ECI to establish a Point of Interconnection at BellSouth local tandems for: (1) the delivery of ECI-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 Points of Interconnection at those BellSouth local tandems.

- 2.15.2 When a specified local calling area is served by more than one BellSouth local tandem, ECI must designate a “home” local tandem for each of its assigned NPA/NXXs and establish trunk connections to such local tandems. Additionally, ECI may choose to establish a Point of Interconnection at the BellSouth local tandems where it has no codes homing but is not required to do so. ECI 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 ECI does not choose to establish a Point of Interconnection. It is ECI’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 ECI’s codes. Likewise, ECI shall obtain its routing information from the LERG.
- 2.15.3 Notwithstanding establishing Points of Interconnection to BellSouth’s local tandems, ECI must also establish Points of Interconnection to BellSouth access tandems within the LATA on which ECI 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.)
- 2.15.4 BellSouth’s provisioning of local tandem interconnection assumes that ECI has executed the necessary local interconnection agreements with the other third party network providers subtending those local tandems as required by the Act.

### **3. Network Design And Management For Interconnection**

- 3.1 Network Management and Changes. 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 Interconnection Technical Standards. 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 Quality of Interconnection. 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 Network Management Controls. 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 Common Channel Signaling. 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 Signaling Call Information. BellSouth and ECI will send and receive 10 digits for local traffic. Additionally, BellSouth and ECI 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 Requirements. The Parties shall exchange technical descriptions and forecasts of their interconnection and traffic requirements in sufficient detail necessary to establish the interconnections required to assure traffic completion to and from all customers in their respective designated service areas. In order for the Parties to provide as accurate reciprocal trunking forecasts as possible to each other, each Party must timely inform the other Party of any known or anticipated

events that may affect reciprocal trunking requirements. If either Party is unable to provide such information, The Parties shall provide reciprocal trunking forecasts based only on existing trunk group growth and annual estimated percentage of subscriber line growth.

- 3.7.1 Both Parties shall meet every six months or at otherwise mutually agreeable intervals for the purpose of exchanging non-binding forecasts of its traffic and volume requirements for the interconnection and network elements provided under this Agreement, in the form and in such detail as agreed by the Parties. The Parties agree that each forecast provided under this Section shall be deemed “Confidential Information” in the General Terms and Conditions – Part A of this Agreement.
- 3.7.2 The trunk forecast should include trunk requirements for all of the interconnecting trunk groups for the current year plus the next two future years. The forecast meeting between the two companies may be a face-to-face meeting, video conference or audio conference. It may be held regionally or geographically. Ideally, these forecast meetings should be held at least semi-annually, or more often if the forecast is no longer usable. Updates to a forecast or portions thereof should be made whenever the Party providing the forecast deems that the latest trunk requirements exceed the original quantities by 24 trunks or 10%, whichever is greater. Either Party should notify the other Party if they have measurements indicating that a trunk group is exceeding its designed call carrying capacity and is impacting other trunk groups in the network. Also, either Party should notify the other Party if they know of situations in which the traffic load is expected to increase significantly and thus affect the interconnecting trunk requirements as well as the trunk requirements within the other Party’s network. The Parties agree that the forecast information provided under this Section shall be deemed “Confidential Information” as set forth in the General Terms and Conditions of this Agreement.
- 3.7.3 For a non-binding trunk forecast, agreement between the two Parties on the trunk quantities and the timeframe of those trunks does not imply any liability for failure to perform if the trunks are not available for use at the required time.

#### **4. Local Dialing Parity**

- 4.1 BellSouth and ECI 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 ECI 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**

### 5.1 Compensation for Call Transportation and Termination for Local Traffic

- 5.1.1 Local Traffic is defined as any telephone call that originates in one exchange and terminates in either the same exchange, or other local calling area associated with the originating exchange as defined and specified in Section A3 of BellSouth's General Subscriber Service Tariff. As clarification of this definition and for reciprocal transport and termination compensation, Local Traffic does not include traffic that originates from or is directed to or through an enhanced service provider or information service provider. As further clarification, Local Traffic does not include calls that do not transmit information of the user's choosing. In any event, neither Party will 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.
- 5.1.2 The Parties shall provide for the mutual and reciprocal recovery of the costs for the elemental functions performed in transporting and terminating local traffic on each other's network. The Parties agree that charges for transport and termination of calls on its respective networks are as set forth in Exhibit A to this Attachment.
- 5.1.3 For the purposes of this Attachment, **Common (Shared) Transport** is defined as the transport of the originating Party's traffic by the terminating Party over the terminating Party's common (shared) facilities between the terminating Party's tandem switch and end office switch and/or between the terminating Party's tandem switches.
- 5.1.4 For the purposes of this Attachment, **Tandem Switching** is defined as the function that establishes a communications path between two switching offices through a third switching office (the Tandem switch).
- 5.1.5 For the purposes of this Attachment, **End Office Switching** is defined as the function that establishes a communications path between the trunk side and line side of the End Office switch.
- 5.1.6 If ECI utilizes a switch outside the LATA and BellSouth chooses to purchase dedicated or common (shared) transport from ECI for transport and termination of BellSouth originated traffic, BellSouth will pay ECI no more than the airline miles between the V & H coordinates of the Point of Interface within the LATA where ECI receives the BellSouth-originated traffic and the V & H coordinates of the BellSouth Exchange Rate Center Area that the ECI terminating NPA/NXX is

associated in the same LATA. For these situations, BellSouth will compensate ECI at either dedicated or common (shared) transport rates specified in Exhibit A and based upon the functions provided by ECI as defined in this Attachment.

- 5.1.7 Neither Party shall represent access services traffic (e.g. Internet Protocol (IP) Telephony, FGA, FGB, etc.) as Local Traffic for purposes of payment of reciprocal compensation.
- 5.1.8 The Parties agree that the jurisdiction of a call is determined by its originating and terminating (end-to-end) points. For the purpose of delivery of BellSouth originating traffic to ECI, BellSouth will pay to ECI reciprocal compensation for Local Traffic terminating to ECI end users physically located in the BellSouth rate center to which the ECI end user's NPA/NXX is assigned. If ECI assigns NPA/NXXs to specific BellSouth rate centers and assigns numbers from those NPA/NXXs to ECI end users physically located outside of the rate center to which the NPA/NXX is assigned, BellSouth traffic originating from within the BellSouth rate center where the NPA/NXX is assigned and terminating to a ECI customer physically located outside of such rate center, and at a location toll to the BellSouth originating rate center, shall not be deemed Local Traffic, and no compensation from BellSouth to ECI shall be due therefor. Further, ECI agrees to identify such traffic to BellSouth and to compensate BellSouth for originating and transporting such traffic to ECI at BellSouth's tariffed intrastate switched access rates. In addition, ECI should not use NPA/NXXs to collect BellSouth originated local or intraLATA toll traffic and for delivery to a point outside the LATA from where the originating NPA/NXX rate center resides.
- 5.1.9 If ECI does not identify such traffic to BellSouth, to the best of BellSouth's ability BellSouth will determine which whole ECI NPA/NXXs on which to charge the applicable rates for originating intrastate network access service as reflected in BellSouth's Intrastate Access Service Tariff. BellSouth shall make appropriate billing adjustments if ECI can provide sufficient information for BellSouth to determine whether said traffic is local or toll.
- 5.2 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 intermediary traffic. By the first of January, April, July and October of each year, each Party shall provide a positive report updating the PLU. 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.



- 5.3 Percentage Interstate Usage. In the case where ECI desires to terminate its local traffic over or co-mingled on its switched access Feature Group D trunks, ECI 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 ECI. After interstate and intrastate traffic percentages have been determined by use of PIU procedures, the PLU factor will be used for application and billing of local interconnection. 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 Audits. 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 ECI shall retain records of call detail for a minimum of nine months from which a PLU 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 auditors 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 Rate True-up
- This section applies only to North Carolina and 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 true-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 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 unbundled element prices, which deaveraged prices, if any are required by said final order, shall form the basis of any true-up.

## 5.6 Compensation for IntraLATA Toll Traffic

5.6.1 IntraLATA Toll Traffic. IntraLATA Toll Traffic is defined as any telephone call that is not local or switched access per this Agreement.

5.6.2 Compensation for intraLATA toll traffic. For terminating its intraLATA toll traffic on the other company’s network, the originating Party will pay the terminating Party BellSouth’s current intrastate or interstate, whichever is appropriate, terminating switched access tariff rates as set forth in BellSouth’s Intrastate or Interstate Access Services Tariff. The appropriate charges will be determined by the routing of the call. If ECI is the BellSouth end user’s presubscribed interexchange carrier or if the BellSouth end user uses ECI as an interexchange carrier on a 101XXXX basis, BellSouth will charge ECI the appropriate BellSouth tariff charges for originating switched access services.

- 5.6.3 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.
- 5.6.4 Records for 8XX Billing. 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 for a fee of \$0.013 per record.
- 5.6.5 8XX Access Screening. BellSouth's provision of 8XX TFD to ECI requires interconnection from ECI 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. ECI shall establish CCS7 interconnection at the BellSouth Local Signal Transfer Points serving the BellSouth 8XX SCPs that ECI 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 Switched Access Traffic. Switched Access Traffic is as defined in the BellSouth Access Tariff. Additionally, IP Telephony traffic will be considered switched access traffic.
- 5.7.2 When ECI'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 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) system to establish meet point billing for all applicable traffic. Thirty (30)-day billing periods will be employed for these arrangements. The recording Party agrees to provide to the initial billing Party, at no charge, the switched access detailed usage data within no more than sixty (60) days after the recording date. The initial billing Party will provide the switched access summary usage data to all subsequent billing Parties 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.
- 5.7.3 Where either Party has been notified that the other Party has a Billing Guarantee Practice, each Party so notified (the Initial Billing Party or the recording Party)

will be held liable for any access revenues which it has caused to be determined unbillable under the guidelines of such Billing Guarantee Practice of the other Party. Each Party will provide complete documentation to the other to substantiate any claim of unbillable access revenues. A negotiated settlement will be agreed upon between the Parties.

- 5.7.4 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.
- 5.7.5 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.
- 5.7.6 Each Party also agrees to process the recreated data within forty-eight (48) hours of receipt at its data processing center.
- 5.7.7 All claims should be filed with the other Party within 120 days of the receipt of the date of the unbillable usage.
- 5.7.8 The Initial Billing Party 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.
- 5.7.9 ECI agrees not to deliver switched access traffic to BellSouth for termination except over ECI ordered switched access trunks and facilities.
- 5.8 Transit Traffic Service. BellSouth shall provide tandem switching and transport services for ECI's transit traffic. Transit traffic is traffic originating on ECI'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 ECI'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 ECI's end office is subtending the BellSouth Access Tandem for switched access traffic to and from ECI'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) procedures. Wireless Type 1

traffic shall not be treated as transit traffic from a routing or billing perspective. Wireless Type 2A traffic shall not be treated as transit traffic from a routing or billing perspective until BellSouth and the Wireless carrier 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 ECI 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 ECI. ECI agrees to compensate BellSouth for any charges or costs for the delivery of transit traffic to a connecting carrier on behalf of ECI. Additionally, the Parties agree that any billing to a third party or other telecommunications carrier under this section shall be pursuant to MECAB procedures.
- 5.9 Interconnection with Enhanced Service Providers (ESPs)/Information Service Providers (ISPs). ESP/ISP traffic shall not be included in the interconnection compensation arrangements of this Agreement.

## **6. Frame Relay Service**

- 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 ECI'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 ECI is certified and providing Frame Relay Service as a Local Exchange Carrier and where traffic is being exchanged between ECI 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 ECI 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, ECI 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 ECI 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 ECI 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. ECI will then invoice, and BellSouth will pay, an amount calculated by multiplying the BellSouth billed charges for the circuit by one-half of ECI'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 ECI will pay, the total non-recurring and recurring charges for the NNI port. ECI 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 ECI'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 ECI 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 ECI orders a VC connection between a BellSouth subscriber's PVC segment and a PVC segment from the BellSouth Frame Relay switch to the ECI Frame Relay switch, BellSouth will invoice, and ECI will pay, the total non-recurring and recurring PVC charges for the PVC segment between the BellSouth and ECI Frame Relay switches. If the VC is a Local VC, ECI 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 ECI for the PVC segment.
- 6.9.2 If BellSouth orders a Local VC connection between a ECI subscriber's PVC segment and a PVC segment from the ECI Frame Relay switch to the BellSouth Frame Relay switch, BellSouth will invoice, and ECI will pay, the total non-recurring and recurring PVC and CIR charges for the PVC segment between the BellSouth and ECI Frame Relay switches. If the VC is a Local VC, ECI 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 ECI 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 ECI requests a change, BellSouth will invoice and ECI will pay a Feature Change charge for each affected PVC segment.
- 6.9.4.1 If BellSouth requests a change to a Local VC, ECI 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 ECI 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. Remote Access Server (RAS) Network Interconnection**

- 7.1 The Parties agree that the Remote Access Server (RAS) is a specialized internet traffic concentration device designed to concentrate traffic to specific Internet Service Providers (ISPs), and as such is telecommunications equipment, but is not an end office switch or equivalent facility, and thus is not subject to call transport and termination requirements under FCC Rule 51.711.
- 7.2 The Parties further agree that the purpose of the ECI RAS service offering is to move Internet traffic off the Public Switched Telephone Network (PSTN) terminating end office switch.
- 7.3 ECI shall configure ECI's RAS device in such a manner as to eliminate the provisioning of enhanced services as defined by the Federal Communications Commission, such as but not limited to, user authentication, security, usage measurement, billing control and protocol conversion.
- 7.4 BellSouth agrees to deliver BellSouth originated and transit traffic intended for ECI's end users to ECI's RAS device pursuant to the terms and conditions of this Agreement.
- 7.5 NPA/NXX Code Assignment and Homing



- 7.5.1 ECI shall assign unique NPA/NXXs to ECI's RAS specifically for Internet traffic routing purposes.
- 7.5.2 ECI shall home its NPA/NXX(s) on the BellSouth Tandem serving the Exchange Rate Center to which ECI assigns ECI's RAS NPA/NXX(s). The specified association between BellSouth Tandems and Exchange Rate Center Areas is defined in the LERG.
- 7.6 Direct Trunks Between ECI's RAS And BellSouth End Offices
  - 7.6.1 The Parties shall utilize direct end office to RAS trunks pursuant to the following conditions:
    - 7.6.1.1 Tandem Exhaust - If a BellSouth tandem through which ECI is 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 BellSouth tandem capacity shortage and ensure completion of traffic between ECI's and BellSouth's subscribers.
    - 7.6.1.2 ECI agrees to order, install and retain direct end office to RAS trunks sufficient to handle actual and reasonably forecasted traffic exceeding a single DS1 of traffic per month.
    - 7.6.1.3 ECI also agrees to order direct end office to RAS trunks within 30 days of a request by BellSouth if the end office traffic is exceeding or is forecasted to exceed a DS1 of traffic. If ECI does not order direct trunks within those 30 days, ECI agrees to pay to BellSouth, beginning the following month, the common transport, tandem switching and tandem shared trunk port per minute of use rates reflected in Exhibit A of this Agreement for traffic delivered to ECI's RAS via BellSouth's tandem switch until such direct trunks are activated.
    - 7.6.1.4 ECI shall install additional capacity between BellSouth end offices and ECI's RAS devices when overflow traffic between end offices and a RAS device exceeds or is reasonably forecasted to exceed a single DS1 of traffic per month.
    - 7.6.1.5 The Parties may install direct end office to RAS trunks upon mutual agreement.
- 7.7 Trunks Between a RAS and Tandem Switches
  - 7.7.1 Pursuant to the preceding paragraphs regarding direct trunks between a RAS and the originating end offices, the ECI agrees to order, install and retain trunking to the BellSouth tandem switch sufficient to handle actual and forecasted traffic volumes routed to ECI's RAS via the BellSouth tandem.

- 7.7.2 ECI shall order and establish the necessary trunk groups to each BellSouth tandem switch on which ECI has homed ECI NPA/NXXs for transit traffic and traffic between ECI and BellSouth and as defined in the LERG.
- 7.7.3 A **RAS Point of Interface** is the physical telecommunications interface between BellSouth and ECI's interconnection functions. It establishes the technical interface and point of operational responsibility. The primary function of the RAS Point of Interface is to serve as the terminus for the interconnection service.
- 7.7.3.1 At a minimum, ECI must establish a RAS Point Of Interface at each BellSouth access tandem serving an Exchange Rate Center to which ECI has assigned a RAS NPA/NXX in the LATA.
- 7.7.3.2 ECI agrees to establish, within four months of a request of BellSouth, a Point Of Interface at a BellSouth end office or tandem switch location where the traffic to ECI's RAS has reached or is forecasted to reach one DS3 or more within six months.
- 7.7.3.3 The RAS Point of Interface has the following main characteristics:
- 7.7.3.3.1 It is a cross-connect point to allow connection, disconnection, transfer or restoration of service.
- 7.7.3.3.2 It is a point where BellSouth and ECI can verify and maintain specific performance objectives.
- 7.7.3.3.3 It is specified according to the interface offered in the tariff or interconnection Agreement (for example: for DS1 service, the FCC # 1 tariff specifies that the interface meets the technical specifications detailed in Generic Requirements GR-342-CORE, Issue 1, December 1995.)
- 7.7.3.3.4 The Parties provide their own equipment (CPE) to interface with the DS0, DS1, DS3, STS1 and/or OCn circuits on the customer premises.
- 7.7.4 The **RAS Point of Interconnection** is the trunk group termination location at which BellSouth delivers BellSouth originated traffic to the ECI's RAS on ECI's network. ECI's requested Point of Interconnection shall also be used for the receipt of transit trunk groups for transit traffic at BellSouth Access and/or Local Tandems pursuant to the terms and conditions of this Agreement. Points of Interconnection established at the BellSouth Local Tandem apply only to local traffic and local originating transit traffic as defined by BellSouth.
- 7.7.5 Pursuant to the terms and conditions in this Agreement, BellSouth agrees to deliver BellSouth originating traffic to ECI's RAS Points of Interface as

established by ECI. A Point of Interface may not necessarily be established at a Point of Interconnection.

- 7.7.6 ECI agrees to compensate BellSouth for transport and switching functions performed by BellSouth at the rates reflected in Exhibit A to this Agreement, including third party transit traffic, delivered to ECI's RAS Point Of Interface.
- 7.7.7 Exhibit A Switching and Transport rates will apply when the BellSouth Rate Center with which ECI has associated its RAS NPA/NXX is not local, pursuant to BellSouth's flat rated Extended Area Service (EAS) A3 tariffs, to the BellSouth Rate Center in which ECI has placed ECI's RAS device.
- 7.7.8 ECI shall not deliver switched access traffic to BellSouth via ECI's RAS interconnection with BellSouth.
- 7.7.9 BellSouth shall not pay reciprocal compensation to ECI for traffic delivered to ECI's RAS.
- 7.7.10 Compensation for Switched Access transit traffic shall be pursuant to the **Mutual Provision of Switched Access Service** section of this Agreement. Internet Protocol (IP) Telephony traffic shall be considered and treated as switched access traffic by both parties.

## **8. Operational Support Systems (OSS) Rates**

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

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

- 8.2 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:

<b>OPERATIONAL SUPPORT SYSTEMS</b>	<b>AL, GA, LA, MS, SC</b>	<b>FL, KY, NC, TN</b>
OSS LSR charge, per LSR received from the CLEC by one of the OSS interactive interfaces	\$3.50	\$3.50
	SOMECH	SOMECH

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

### 8.3 Denial/Restoral OSS Charge

In the event ECI 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.

### 8.4 Cancellation OSS Charge

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

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

### 8.5 Network Elements and Other Services Manual Additive

The Commissions in Alabama, Georgia, Louisiana, Mississippi and South Carolina have ordered incremental manual 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.

### 8.6 Threshold Billing Plan

8.6.1 The Parties agree that ECI 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.

8.6.2 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 CLECs' future manual LSRs 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.

## Basic Architecture

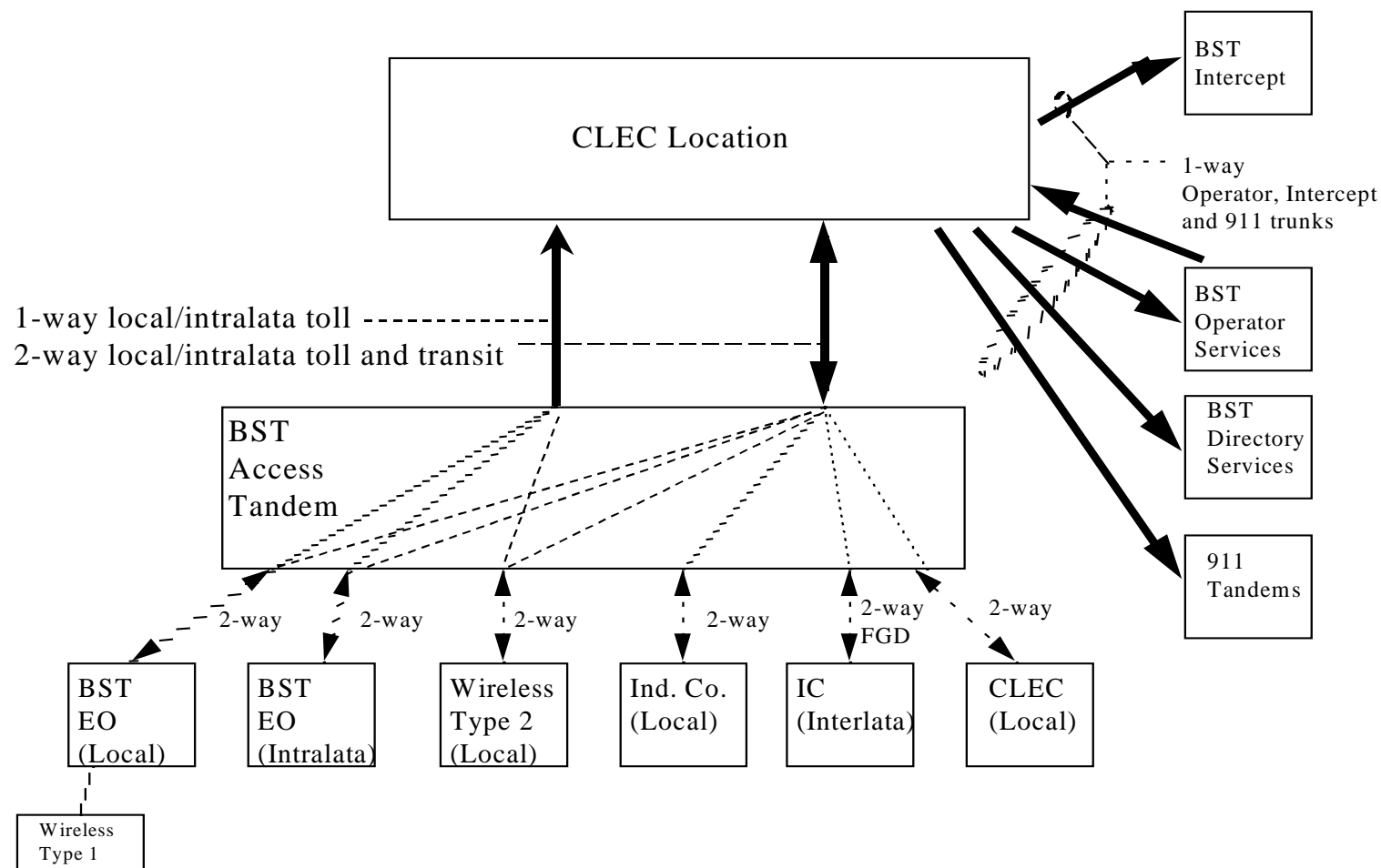


Exhibit B

## One-Way Trunking Architecture

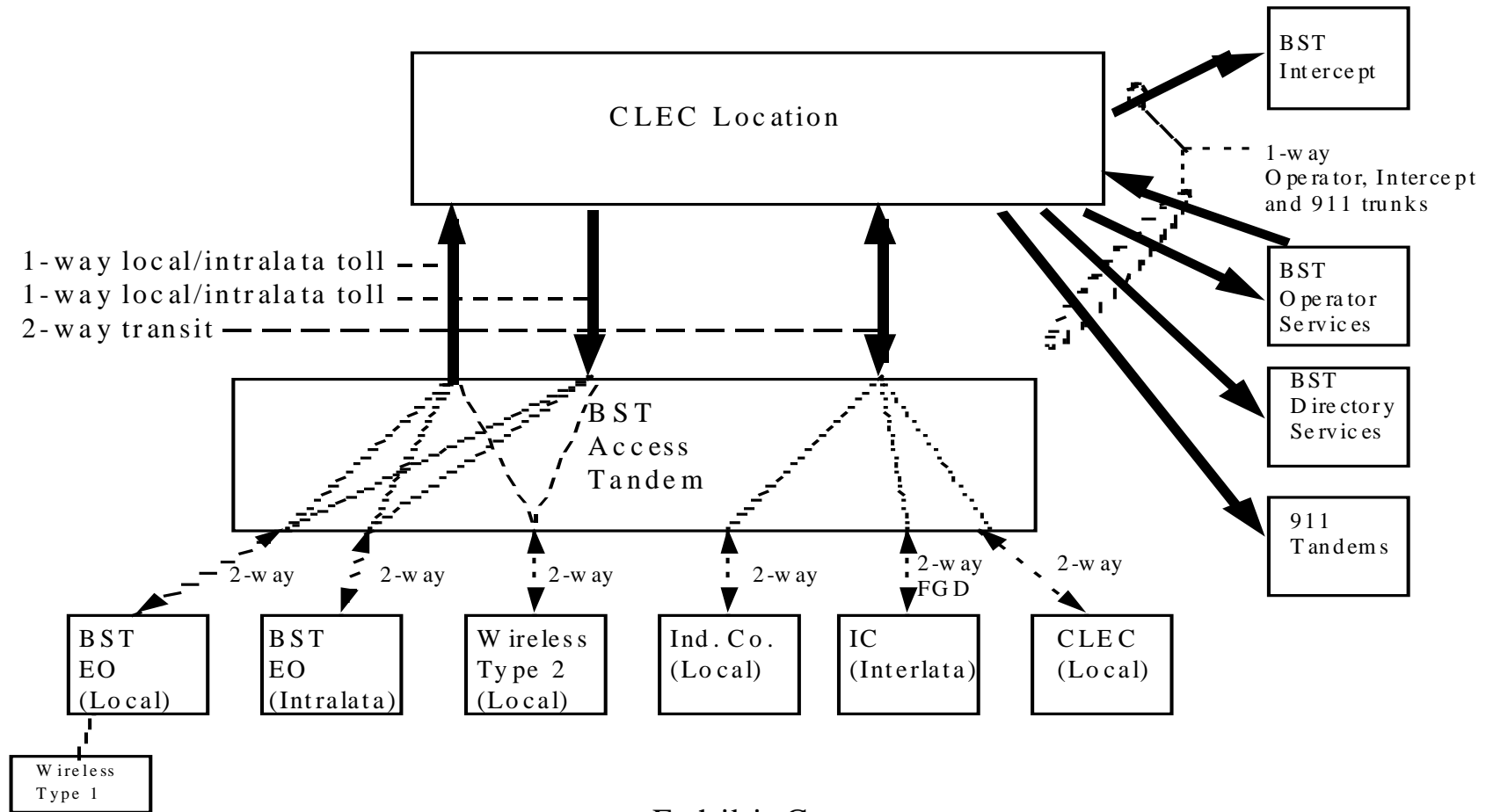


Exhibit C

## Two-Way Trunking Architecture

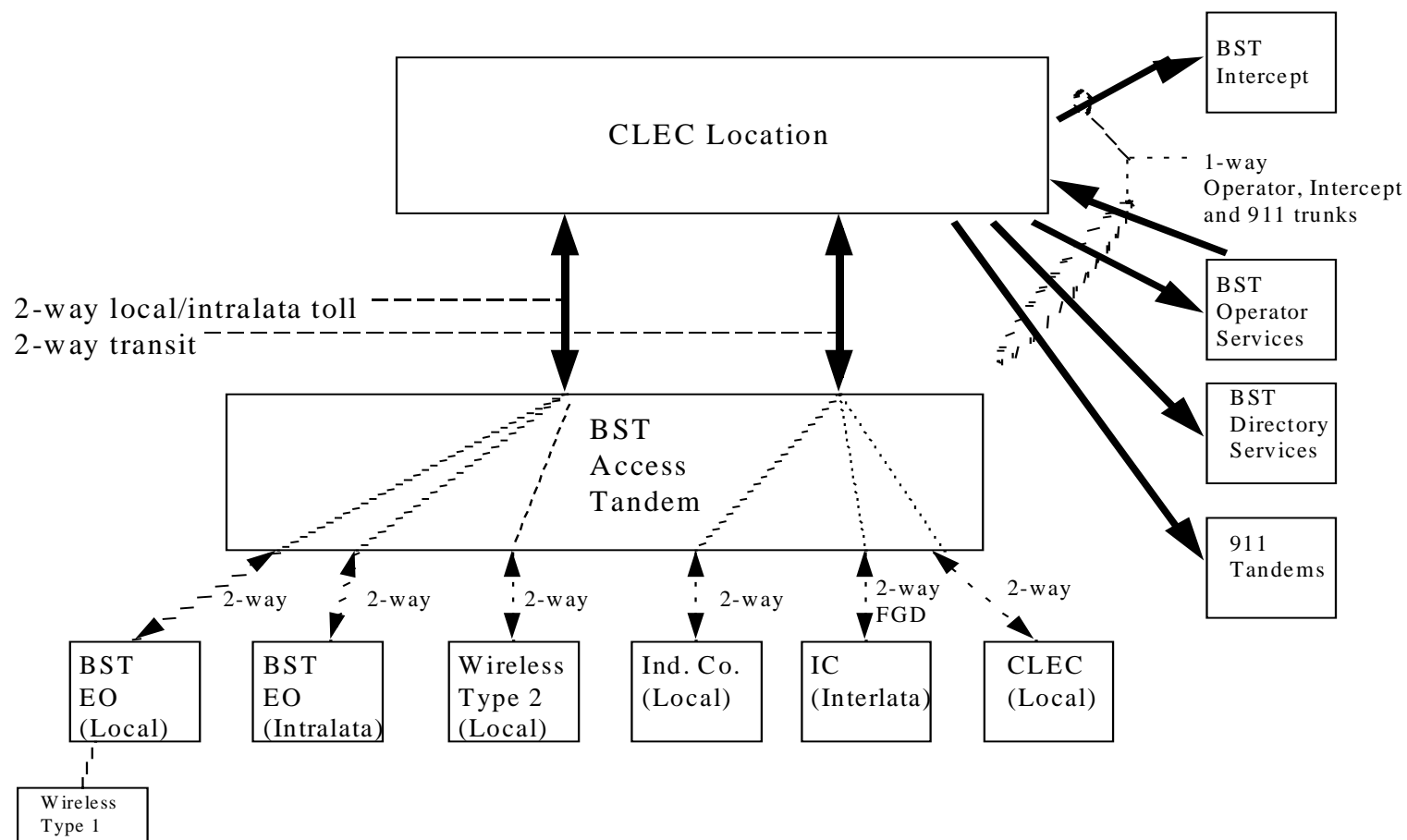


Exhibit D

## SuperGroup Architecture

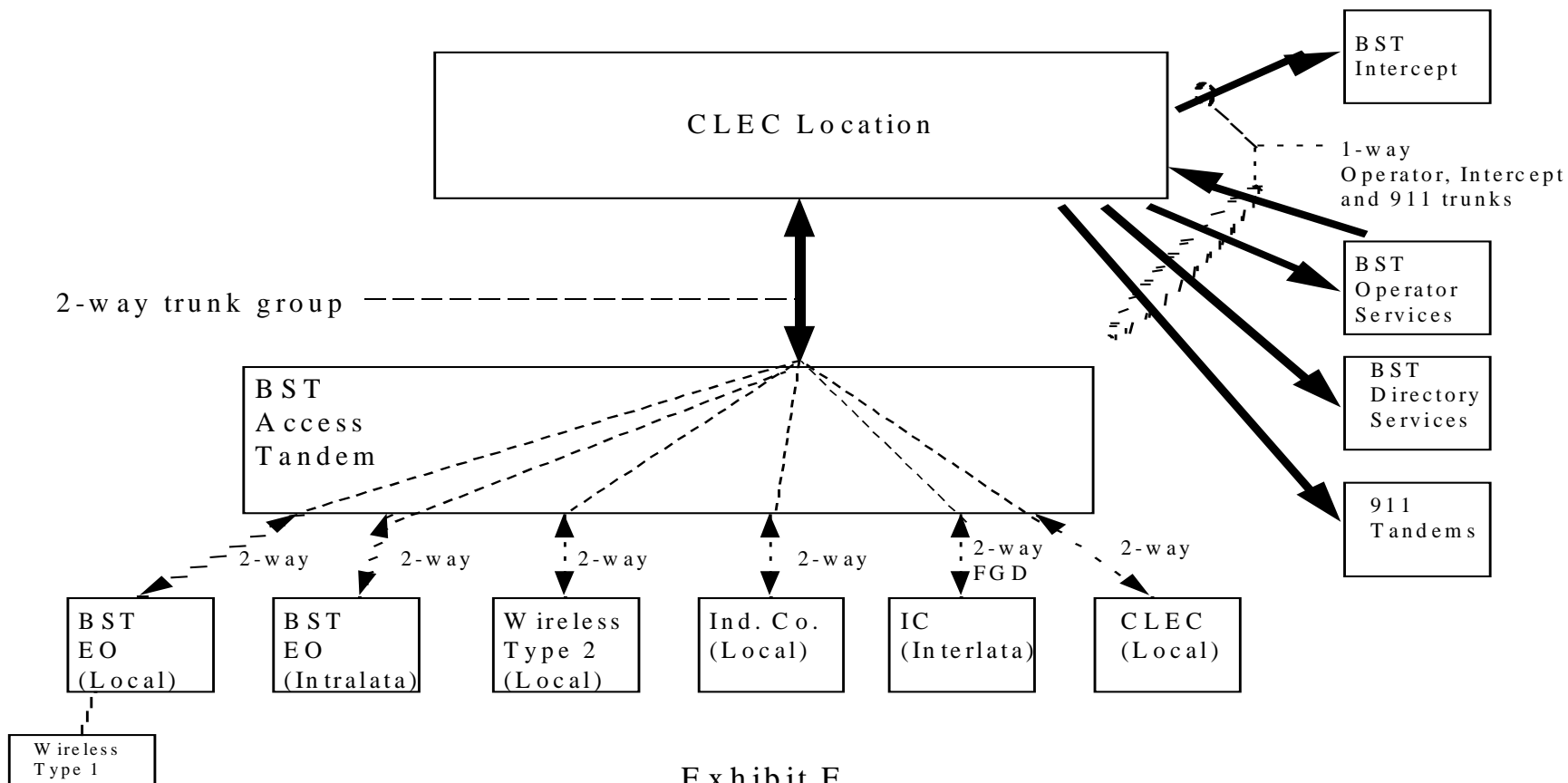


Exhibit E



**BELLSOUTH/CLEC-1 RATES  
LOCAL INTERCONNECTION**

		RATES BY STATE									
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	NA	\$0.0023771	\$0.004	\$0.0019295	\$0.0019
	Direct Local Interconnection, per mou (same as End Office Switching in FL & LA)		NA	\$0.002	NA	NA	\$0.00209	NA	NA	NA	NA
	Tandem Switching, per mou	N/A	\$0.00063	\$0.00029	\$0.0006757	\$0.001096	NA	\$0.0007834	\$0.0015	\$0.0006843	\$0.000676
	Tandem Switching (assumes 5 miles of transport per mou)	N/A	NA	NA	NA	NA	\$0.00430	NA	NA	NA	NA
	Tandem Local Interconnection, per mou (includes end office switching element)		NA	\$0.00325	NA	NA	\$0.00639	NA	NA	NA	NA
	Multiple Tandem Switching, per mou (applies to initial tandem only), effective 10/99		NA	\$0.00125	NA	NA	\$0.00430	NA	NA	NA	NA
	Local Intermediary, per mou (applies to transit traffic only)		NA	\$0.00125	NA	NA	\$0.00430	NA	NA	NA	NA
	Tandem Intermediary Charge, per mou*	N/A	\$0.0015	NA	NA	\$0.001096	NA	NA	NA	NA	NA
	*(This charge is applicable only to transit traffic and is applied in addition to applicable switching and/or interconnection charges.)										
TRUNK PORT CHARGE											
	All terms and conditions, as well as charges, both non-recurring and recurring, associated with interconnecting trunk groups between BellSouth and CLEC-1 shall be as set forth in Section E.6 of the appropriate BellSouth intrastate access tariff. At such time as BellSouth develops a cost based rate for such interconnecting trunk groups, the Parties shall amend this agreement to include such cost based rates and shall true up such charges in accordance with this Attachment.		BST State Access Tariff Rates	BST State Access Tariff Rates	BST State Access Tariff Rates	BST State Access Tariff Rates	BST State Access Tariff Rates	BST State Access Tariff Rates	BST State Access Tariff Rates	BST State Access Tariff Rates	BST State Access Tariff Rates
INTEROFFICE TRANSPORT											
Common (Shared) Transport											
	Common (Shared) Transport per mile per mou	N/A	\$0.00001	\$0.000012	\$0.000008	\$0.0000049	\$0.0000083	\$0.0000091	\$0.00004	\$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	\$0.00036	\$0.0004672	\$0.00036
Interoffice Channel Transport - Dedicated - VG											
	Interoffice Transport - Dedicated - 2-Wire VG - per mile	1L:5XF	\$0.03390	NA	\$0.0222	NA	\$0.0384	NA	\$0.03	\$0.0373	\$0.0173
	Interoffice Transport - Dedicated - 2-Wire VG - facilities termination per month	1L:5XF	\$18.49	NA	\$17.07	NA	\$19.10	NA	\$18.01	\$21.42	\$18.33
	NRC - 1st	1L:5XF	\$144.27	NA	\$79.61	NA	\$104.23	NA	\$138.19	\$136.44	\$83.35
	NRC - Add'l	1L:5XF	\$54.15	NA	\$36.08	NA	\$39.91	NA	\$52.85	\$51.37	\$20.88
	NRC - Incremental Charge - Manual Service Order - 1st	SOMAC	\$40.34	NA	\$18.94	NA	\$26.20	NA	\$176.31	\$39.63	\$30.15
	NRC - Incremental Charge - Manual Service Order - Add'l	SOMAC	\$40.54	NA	\$18.94	NA	\$26.20	NA	\$90.97	\$39.63	\$31.63
Interoffice Channel Transport - Dedicated - VG - Kentucky & Mississippi											
	Interoffice Transport - Dedicated - 2-Wire VG - per mile	1L5NF	NA	NA	NA	\$0.03	NA	\$0.0323	NA	NA	NA
	Interoffice Transport - Dedicated - 2-Wire VG - facilities termination per month	1L5NF	NA	NA	NA	\$27.66	NA	\$21.33	NA	NA	NA
	NRC - Facility Termination -1st	1L5NF	NA	NA	NA	\$142.31	NA	\$144.77	NA	NA	NA
	NRC - Facility Termination - Add'l	1L5NF	NA	NA	NA	\$56.21	NA	\$56.06	NA	NA	NA
	NRC - Incremental Charge--Manual Svc Order - 1st	SOMAC	NA	NA	NA	\$37.21	NA	\$36.86	NA	NA	NA
	NRC - Incremental Charge--Manual Svc Order - Add'l	SOMAC	NA	NA	NA	\$37.21	NA	\$36.86	NA	NA	NA
Interoffice Channel Transport - Dedicated - DS0 - 56/64 KBPS											
	Interoffice Transport - Dedicated - DS0 - per mile per month	1L5XK	\$0.0339	\$0.0252	\$0.0222	NA	\$0.0384	NA	\$0.03	\$0.0373	\$0.17
	Interoffice Transport - Dedicated - DS0 - facility termination per month	1L5XK	\$17.81	\$21.33	\$16.45	NA	\$18.37	NA	\$17.40	\$20.71	\$17.74
	NRC - 1st	1L5XK	\$144.27	\$137.15	\$79.61	NA	\$104.23	NA	\$138.19	\$136.44	\$83.35
	NRC - Add'l	1L5XK	\$54.15	\$64.45	\$36.08	NA	\$39.91	NA	\$52.85	\$51.37	\$20.88
	NRC - Incremental Charge - Manual Service Order - 1st	SOMAC	\$40.34	NA	\$18.94	NA	\$26.20	NA	\$176.31	\$39.63	\$30.15
	NRC - Incremental Charge - Manual Service Order - Add'l	SOMAC	\$40.34	NA	\$18.94	NA	\$26.20	NA	\$90.97	\$39.63	\$31.63
Interoffice Transport - Dedicated - DS0 - 56/64 KBPS - Kentucky & Mississippi											
	DS0 - per mile	1L5NK	NA	NA	NA	\$0.03	NA	\$0.0323	NA	NA	NA
	DS0 - Facility Termination	1L5NK	NA	NA	NA	\$26.95	NA	\$20.64	NA	NA	NA
	NRC - Facility Termination - 1st	1L5NK	NA	NA	NA	\$142.31	NA	\$144.77	NA	NA	NA
	NRC - Facility Termination - Add'l	1L5NK	NA	NA	NA	\$56.21	NA	\$56.06	NA	NA	NA
	NRC - Incremental Charge--Manual Svc Order - 1st	SOMAC	NA	NA	NA	\$37.21	NA	\$36.86	NA	NA	NA
	NRC - Incremental Charge--Manual Svc Order - Add'l	SOMAC	NA	NA	NA	\$37.21	NA	\$36.86	NA	NA	NA
Interoffice Channel Transport - Dedicated - DS1											
	Interoffice Transport - Dedicated - DS1 - per mile per month	1L5XL	\$0.69	\$0.6013	\$0.4523	NA	\$0.7831	NA	\$0.5759	\$0.7598	\$0.3525
	Interoffice Transport - Dedicated - DS1 - facility termination per month	1L5XL	\$79.69	\$99.79	\$78.47	NA	\$93.40	NA	\$71.32	\$94.98	\$75.83
	NRC - 1st	1L5XL	\$223.59	\$45.91	\$147.07	NA	\$160.49	NA	\$218.28	\$216.27	\$166.53

BELLSOUTH/CLEC-1 RATES  
LOCAL INTERCONNECTION

			RATES BY STATE									
DESCRIPTION			USOC	AL	FL	GA	KY	LA	MS	NC	SC	TN
		NRC - Add'l	1L5XL	\$168.60	\$44.18	\$111.75	NA	\$123.03	NA	\$164.55	\$162.70	\$124.84
		NRC - Incremental Charge - Manual Service Order - 1st	SOMAC	\$40.34	NA	\$18.94	NA	\$26.20	NA	\$38.12	\$39.63	\$30.15
		NRC - Incremental Charge - Manual Service Order - Add'l	SOMAC	\$40.34	NA	\$18.94	NA	\$26.20	NA	\$38.12	\$39.63	\$31.63
Interoffice Channel Transport - Dedicated - DS1 - Kentucky & Mississippi												
		Interoffice Transport - Dedicated - DS1 - per mile per month	1L5NL	NA	NA	NA	\$0.45	NA	\$0.6598	NA	NA	NA
		Interoffice Transport - Dedicated - DS1 - facilities termination per month	1L5NL	NA	NA	NA	\$55.05	NA	\$74.40	NA	NA	NA
		NRC - Facility Termination - 1st	1L5NL	NA	NA	NA	\$298.18	NA	\$222.81	NA	NA	NA
		NRC - Facility Termination - Add'l	1L5NL	NA	NA	NA	\$231.23	NA	\$168.92	NA	NA	NA
		NRC - Incremental Charge--Manual Svc Order - 1st	SOMAC	NA	NA	NA	NA	NA	\$36.83	NA	NA	NA
		NRC - Incremental Charge--Manual Svc Order - Add'l	SOMAC	NA	NA	NA	NA	NA	\$36.86	NA	NA	NA
Interoffice Channel Transport - Dedicated - DS3												
		Interoffice Transport - Dedicated - DS3 - per mile per month	1L5XM	\$12.56	\$10.22	\$6.53	NA	\$14.04	NA	\$13.00	\$19.08	\$5.89
		Interoffice Transport - Dedicated - DS3 - facility termination per month	1L5XM	\$771.60	\$984.55	\$725.53	NA	\$1,101.00	NA	\$720.65	\$960.82	\$760.20
		NRC - 1st	1L5XM	\$961.93	\$772.93	\$778.80	NA	\$713.57	NA	\$798.95	\$941.07	\$729.27
		NRC - Add'l	1L5XM	\$532.45	\$435.92	\$439.62	NA	\$404.36	NA	\$582.33	\$503.72	\$411.98
		NRC - Incremental Charge - Manual Service Order - 1st	SOMAC	\$100.19	NA	\$77.41	NA	\$71.19	NA	\$91.37	\$92.52	\$75.98
		NRC - Incremental Charge - Manual Service Order - Add'l	SOMAC	\$100.19	NA	\$77.41	NA	\$71.19	NA	\$91.37	\$92.52	\$75.98
Interoffice Channel Transport - Dedicated - DS3 - Kentucky & Mississippi												
		Interoffice Channel Transport - Dedicated - DS3 - per mile										
		Interoffice Transport - Dedicated - DS3 - facility termination per month	1L5NM	NA	NA	NA	\$12.62	NA	\$15.02	NA	NA	NA
		NRC - DS3 - Facility Termination -1st	1L5NM	NA	NA	NA	\$1,204.00	NA	\$744.38	NA	NA	NA
		NRC - DS3 - Facility Termination - Add'l	1L5NM	NA	NA	NA	\$946.23	NA	\$812.30	NA	NA	NA
		NRC - Incremental Charge--Manual Svc Order - 1st	SOMAC	NA	NA	NA	\$516.89	NA	\$596.55	NA	NA	NA
		NRC - Incremental Charge--Manual Svc Order - Add'l	SOMAC	NA	NA	NA	\$93.12	NA	\$64.97	NA	NA	NA
Local Channel - Dedicated												
Local Channel - Dedicated - 2-Wire VG												
		Monthly Recurring	TEFV2	\$14.61	\$18.02	\$13.91	\$22.26	\$14.94	\$17.83	\$14.83	\$16.83	\$19.02
		NRC - 1st	TEFV2	\$572.46	\$477.33	\$382.95	\$597.14	\$401.17	\$565.31	\$556.57	\$554.00	\$254.14
		NRC - Add'l	TEFV2	\$92.07	\$124.32	\$62.40	\$110.52	\$66.35	\$93.30	\$90.19	\$88.58	\$28.96
		NRC - Incremental Charge - Manual Service Order - 1st	SOMAC	\$45.12	NA	\$18.94	\$41.46	\$29.54	\$41.57	\$598.80	\$43.75	\$33.65
		NRC - Incremental Charge - Manual Service Order - Add'l	SOMAC	\$18.73	NA	\$8.42	NA	\$19.46	\$27.39	\$102.94	\$13.55	\$23.84
Local Channel - Dedicated - 4-Wire VG												
		Monthly Recurring	TEFV4	\$15.77	\$19.01	\$14.99	\$23.38	\$16.21	\$19.03	\$15.88	\$18.05	\$20.14
		NRC - 1st	TEFV4	\$581.14	\$477.33	\$368.44	\$585.15	\$407.11	\$573.83	\$565.05	\$562.46	\$257.05
		NRC - Add'l	TEFV4	\$95.21	\$124.32	\$64.05	\$98.53	\$68.61	\$96.40	\$93.16	\$91.57	\$30.34
		NRC - Incremental Charge - Manual Service Order - 1st	SOMAC	\$45.12	NA	\$18.94	\$98.53	\$29.54	\$41.57	\$607.28	\$43.64	\$33.65
		NRC - Incremental Charge - Manual Service Order - Add'l	SOMAC	\$18.73	NA	\$8.42	\$11.99	\$19.46	\$27.39	\$105.94	\$13.55	\$23.84
Local Channel - Dedicated - DS1												
		Monthly Recurring	TEFHG	\$35.52	\$44.35	\$38.36	\$43.80	\$43.80	\$38.91	\$35.69	\$37.20	\$40.27
		NRC - 1st	TEFHG	\$549.85	\$246.50	\$356.15	\$538.95	\$396.86	\$588.53	\$537.66	\$534.81	\$343.71
		NRC - Add'l	TEFHG	\$475.02	\$230.49	\$312.89	\$464.94	\$342.92	\$501.32	\$465.45	\$462.81	\$277.86
		NRC - Incremental Charge - Manual Service Order - 1st	SOMAC	\$91.22	NA	\$44.22	\$87.71	\$61.82	\$81.30	\$623.92	\$87.99	\$23.51
		NRC - Incremental Charge - Manual Service Order - Add'l	SOMAC	NA	NA	NA	NA	NA	NA	\$467.22	\$3.11	\$21.75
Local Channel - Dedicated - DS3												
		Monthly Recurring	TEFHJ	\$559.98	\$630.65	\$558.51	\$697.89	\$696.07	\$533.33	\$499.09	\$602.18	\$633.15
		NRC - 1st	TEFHJ	\$1,106.14	\$879.42	\$882.03	\$1,091.00	\$811.30	\$569.08	\$565.29	\$1,091.00	\$829.52
		NRC - Add'l	TEFHJ	\$676.66	\$542.41	\$545.85	\$661.23	\$502.09	\$534.58	\$530.75	\$654.13	\$512.23
		NRC - Incremental Charge - Manual Service Order - 1st	SOMAC	\$100.19	NA	\$77.41	\$93.12	\$71.19	\$56.84	\$56.33	\$92.52	\$75.98
		NRC - Incremental Charge - Manual Service Order - Add'l	SOMAC	\$100.19	NA	\$77.41	\$93.12	\$71.19	\$56.84	\$56.33	\$92.52	\$53.03
CHANNELIZATION												
		DS3 Channelization (DS3 to DS1)										
		per Channelized System per month	SATCS	\$210.87	\$213.22	\$173.51	\$236.32	\$245.84	\$229.30	\$226.81	\$204.07	\$225.59
		NRC - 1st	SATCS	\$355.25	\$280.12	\$284.43	\$425.41	\$259.76	\$356.80	\$351.95	\$423.77	\$265.08
		NRC - Add'l	SATCS	\$245.86	\$196.07	\$199.98	\$303.33	\$182.64	\$247.40	\$243.76	\$295.21	\$185.94
		NRC -1sr - Disconnect	SATCS	\$78.43	\$64.06	\$66.76	NA	\$60.96	\$79.94	\$77.90	NA	\$61.09

**BELLSOUTH/CLEC-1 RATES  
LOCAL INTERCONNECTION**

				RATES BY STATE								
DESCRIPTION			USOC	AL	FL	GA	KY	LA	MS	NC	SC	TN
		NRC -Add'l - Disconnect	SATCS	\$63.70	\$52.60	\$55.25	NA	\$50.46	\$65.20	\$63.32	NA	\$50.31
		NRC - Channel System - Incremental Cost - Manual Svc. Order -1st	SOMAC	\$28.44	NA	\$21.61	\$41.47	\$19.74	\$26.95	\$28.13	\$43.41	\$21.71
		NRC - Channel System - Incremental Cost - Manual Svc. Order - Add'l	SOMAC	\$13.47	NA	\$9.61	NA	\$8.77	\$11.98	\$13.33	\$15.36	\$10.46
		NRC - Channel System - Incremenati Cost - Manual Svc. Order - Disconnect - 1st	SOMAC	\$18.46	NA	\$13.61	NA	\$12.43	\$16.97	\$18.26	NA	\$14.21
		NRC - Channel System - Incremenati Cost - Manual Svc. Order - Disconnect - Add'l	SOMAC	\$1.50	NA	NA	NA	NA	NA	\$1.48	NA	\$1.46
		per Interface per month	SATCO	\$4.53	\$6.31	\$7.13	\$8.52	\$7.55	\$5.58	\$4.61	\$9.69	\$3.91
		NRC - 1st	SATCO	\$15.85	\$13.39	\$13.45	\$15.86	\$12.29	\$15.85	\$15.76	\$15.54	\$12.61
		NRC - Add'l	SATCO	\$11.35	\$9.59	\$9.63	\$11.36	\$8.80	\$11.35	\$11.28	\$11.13	\$9.03
DS1 Channelization (DS1 to DS0)												
		per Channelized System per month	SATC1	\$139.58	\$163.88	\$137.97	\$200.01	\$209.87	\$146.87	\$177.72	\$179.81	\$165.21
		NRC - 1st	SATC1	\$269.98	\$208.64	\$212.01	\$302.82	\$193.63	\$271.52	\$267.19	\$304.00	\$197.21
		NRC - Add'l	SATC1	\$163.04	\$126.61	\$129.60	\$184.20	\$118.37	\$164.56	\$161.43	\$178.92	\$119.99
		NRC -1sr - Disconnect	SATC1	\$34.88	\$26.42	\$28.95	NA	\$26.44	\$36.38	\$34.55	NA	\$25.66
		NRC -Add'l - Disconnect	SATC1	\$21.32	\$15.95	\$18.43	NA	\$16.83	\$22.82	\$21.14	NA	\$15.81
		NRC - Channel System - Incremental Cost - Manual Svc. Order -1st	SOMAC	\$28.44	NA	\$21.61	\$41.47	\$19.74	\$26.95	\$28.13	\$43.41	\$21.71
		NRC - Channel System - Incremental Cost - Manual Svc. Order -Add'l	SOMAC	\$13.47	NA	\$9.61	\$11.99	\$8.77	\$11.98	\$13.33	\$15.36	\$10.46
		NRC - Channel System - Incremental Cost - Manual Svc. Order - Disconnect -1st	SOMAC	\$18.46	NA	\$13.61	NA	\$12.43	\$16.97	\$18.26	NA	\$14.21
		NRC - Channel System - Incremental Cost - Manual Svc. Order - Disconnect -Add'l	SOMAC	\$1.50	NA	NA	NA	NA	NA	\$1.48	NA	\$1.46
DS1 Channization Interfaces												
		per OCU-DP(data) card per month(2.4-64kbps)	SATSA	\$2.61	\$3.13	\$2.65	\$2.94	\$3.12	\$2.86	\$2.88	\$3.36	\$2.46
		NRC - 1st	SATSA	\$15.85	\$13.39	\$13.45	\$15.86	\$12.29	\$15.85	\$15.76	\$15.54	\$12.61
		NRC - Add'l	SATSA	\$11.35	\$9.59	\$9.63	\$11.36	\$8.80	\$11.35	\$11.28	\$11.13	\$9.03
		per VG card per month	SATSA	\$1.26	\$1.78	\$1.48	\$1.40	\$1.62	\$1.45	\$1.64	\$1.93	\$1.25
		NRC - 1st	SATSA	\$15.85	\$13.39	\$13.45	\$15.86	\$12.29	\$15.85	\$15.76	\$15.54	\$12.61
		NRC - Add'l	SATSA	\$11.35	\$9.59	\$9.63	\$11.36	\$8.80	\$11.35	\$11.28	\$11.13	\$9.03
Local Interconnection Mid-Span Meet												
Local Channel - Dedicated - DS1												
DS1 Monthly Recurring per month			TEFHG	\$17.76	\$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	\$269.48	\$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	\$87.71	\$42.34	\$59.58	\$623.92	\$87.99	\$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
Rates For CLEC-1 Remote Access Concentrator (RAS) Interconnection												
Port Termination charges apply in all cases												
Per DS1 Port Termination:												
		Monthly Recurring Per DS1:	TBD	\$133.89	\$133.14	\$150.86	\$150.11	\$162.95	\$133.22	\$147.71	\$146.06	
		Non-recurring per DS1:										
		Non-recurring initial DS1	TBD	\$223.59	\$147.07	\$298.18	\$160.49	\$222.81	\$218.28	\$216.27	\$166.53	
		Non-recurring per additional DS1	TBD	\$168.60	\$111.75	\$231.23	\$123.03	\$168.92	\$164.55	\$162.70	\$124.84	
		NRC - Incremental Charge - Manual Service Order - 1st	TBD	\$40.34	\$18.94	NA	\$26.20	\$36.83	\$38.12	\$39.63	\$30.15	
		NRC - Incremental Charge - Manual Service Order - Add'l	TBD	\$40.34	\$18.94	NA	\$26.20	\$36.86	\$38.12	\$39.63	\$31.63	
Per DS3 Port Termination:												
		Total Monthly Recurring per DS3:	TBD	\$4,130.93	\$4,178.21	\$4,687.59	\$4,794.16	\$5,105.69	\$4,237.73	\$4,666.49	\$4,611.99	
		Total Non-recurring per DS3:										
		Non-recurring initial DS3	TBD	\$961.93	\$778.80	\$946.23	\$713.57	\$812.30	\$798.95	\$941.07	\$729.27	
		Non-recurring per additional DS3	TBD	\$532.45	\$439.62	\$516.89	\$404.36	\$596.55	\$582.33	\$503.72	\$411.98	
		NRC - Incremental Charge - Manual Service Order - 1st	TBD	\$100.19	\$77.41	\$93.12	\$71.19	\$64.97	\$91.37	\$92.52	\$75.98	
		NRC - Incremental Charge - Manual Service Order - Add'l	TBD	\$100.19	\$77.41	\$93.12	\$71.19	\$64.97	\$91.37	\$92.52	\$75.98	

BELLSOUTH/CLEC-1 RATES  
LOCAL INTERCONNECTION

				RATES BY STATE							
DESCRIPTION		USOC	AL	FL	GA	KY	LA	MS	NC	SC	TN
See Channelization rates in this Exhibit.											
Switching and Transport:											
In addition to Port Termination charges, these charges apply to BellSouth calls originating from BellSouth rate centers that are "intraLATA toll" to the rate center where CLEC-1's RAS is located.											
Interoffice Transport - Dedicated Per DS1											
Per Mile per month		TBD	\$0.69200	\$0.45230	\$0.45000	\$0.78310	\$0.65980	\$0.57590	\$0.75980	\$0.35250	
Facility Termination per Month		TBD	\$79.69	\$78.47	\$55.05	\$93.40	\$74.40	\$71.32	\$94.98	\$75.83	
Non-recurring initial DS1		TBD	\$223.59	\$147.07	\$298.18	\$160.49	\$222.81	\$218.28	\$216.27	\$166.53	
Non-recurring per additional DS1		TBD	\$168.60	\$111.75	\$231.23	\$123.03	\$168.92	\$164.55	\$162.70	\$124.84	
NRC - Incremental Charge - Manual Service Order - 1st		TBD	\$40.34	\$18.94	NA	\$26.20	\$36.83	\$38.12	\$39.63	\$30.15	
NRC - Incremental Charge - Manual Service Order - Add'l		TBD	\$40.34	\$18.94	NA	\$26.20	\$36.86	\$38.12	\$39.63	\$31.63	
Interoffice Transport - Dedicated Per DS3											
Per Mile per month		TBD	\$12.56	\$6.53	\$12.62	\$14.04	\$15.02	\$13.00	\$19.08	\$5.89	
Facility Termination per Month		TBD	\$771.60	\$725.53	\$1,204.00	\$1,101.00	\$744.38	\$720.65	\$960.82	\$760.20	
Non-recurring initial DS3		TBD	\$961.93	\$778.80	\$946.23	\$713.57	\$812.30	\$798.95	\$941.07	\$729.27	
Non-recurring per additional DS3		TBD	\$532.45	\$439.62	\$516.89	\$404.36	\$596.55	\$582.33	\$503.72	\$411.98	
NRC - Incremental Charge - Manual Service Order - 1st		TBD	\$100.19	\$77.41	\$93.12	\$71.19	\$64.97	\$91.37	\$92.52	\$75.98	
NRC - Incremental Charge - Manual Service Order - Add'l		TBD	\$100.19	\$77.41	\$93.12	\$71.19	\$64.97	\$91.37	\$92.52	\$75.98	
Common Transport:											
Per Mile per MOU		TBD	\$0.0000100	\$0.0000080	\$0.0000049	\$0.0000083	\$0.0000091	\$0.0000400	\$0.0000121	\$0.0000400	
Facility Termination - Per MOU		TBD	\$0.0004500	\$0.0004152	\$0.0004260	\$0.0004700	\$0.0004281	\$0.0003600	\$0.0004672	\$0.0003600	
Tandem Switching:											
Per MOU		TBD	\$0.0006300	\$0.0006757	\$0.0010960	\$0.0043000	\$0.0007834	\$0.0015000	\$0.0006843	\$0.0006760	
Shared trunk port per port per MOU (EO side)		TBD	\$0.0003300	\$0.0002126	\$0.0003796	\$0.0003000	\$0.0002834	\$0.0003693	\$0.0004034	\$0.0003904	
Total:		TBD	\$0.0009600	\$0.0008883	\$0.0014756	\$0.0046000	\$0.0010668	\$0.0018693	\$0.0010877	\$0.0010664	
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**

**Physical Collocation**

## **BELLSOUTH PHYSICAL COLLOCATION**

### **1. Scope of Attachment**

- 1.1 Scope of Attachment. The rates, terms, and conditions contained within this Attachment shall only apply when ECI is occupying the Collocation Space as a sole occupant or as a Host within a Premises location pursuant to Section 4.

All the negotiated rates, terms and conditions set forth in this Attachment pertain to collocation and the provisioning of Collocation Space.

- 1.2 Right to occupy. BellSouth shall offer to ECI collocation on rates, terms, and conditions that are just, reasonable, non-discriminatory and consistent with the rules of the Federal Communications Commission ("FCC"). Subject to Section 4 of this Attachment, BellSouth hereby grants to ECI a right to occupy that certain area designated by BellSouth within a BellSouth Premises, of a size which is specified by ECI and agreed to by BellSouth (hereinafter "Collocation Space"). BellSouth Premises include BellSouth Central Offices and Serving Wire Centers, as well as all buildings or similar structures owned or leased by BellSouth that house BellSouth Network Facilities and all structures that house facilities on public rights-of-way, including but not limited to, vaults containing loop concentrators and other similar structures. To the extent this Attachment does not include all the necessary rates, terms and conditions for BellSouth Premises other than BellSouth Central Offices, the Parties will negotiate said rates, terms, and conditions at the request for collocation at BellSouth Premises other than a Central Office. Notwithstanding the foregoing, BellSouth shall consider in its designation for cageless collocation any unused space within the BellSouth Premises. The size specified by ECI may contemplate a request for space sufficient to accommodate ECI's growth within a two year period.
- 1.2.1 Space Reclamation. In the event of space exhaust within a Central Office Premises, BellSouth may include in its documentation for the Petition for Waiver filing any unused space in the Central Office Premises. ECI will be responsible for any justification of unused space within its space, if such justification is required by the appropriate state commission.
- 1.3 Use of Space. ECI shall use the Collocation Space for the purposes of installing, maintaining and operating ECI's equipment (to include testing and monitoring equipment) used or useful to interconnect with BellSouth services and facilities, including access to unbundled network elements, for the provision of telecommunications services. Pursuant to Section 5 following, ECI may at its option, place ECI-owned fiber entrance facilities to the Collocation Space. In addition to, and not in lieu of, interconnection to BellSouth services and facilities, ECI may connect to other interconnectors within the designated BellSouth Premises (including to its other virtual or physical collocated arrangements) through co-carrier cross connect facilities designated by ECI pursuant to section 5.6 following. The Collocation Space may be

used for no other purposes except as specifically described herein or authorized in writing by BellSouth.

- 1.4 Rates and charges. ECI agrees to pay the rates and charges identified in Exhibit A attached hereto.

## **2. Space Notification**

- 2.1 Availability of Space. Upon submission of an application pursuant to Section 6, BellSouth will permit ECI to physically collocate, pursuant to the terms of this Attachment, at any BellSouth Premises, unless BellSouth has determined that there is no space available due to space limitations or that physical collocation is not practical for technical reasons. BellSouth will respond to an application within ten (10) business days as to whether space is available or not available within a BellSouth Premises. If the amount of space requested is not available, BellSouth will notify ECI of the amount of space that is available.
- 2.2 Reporting. Upon request from ECI, BellSouth will provide a written report (“Space Availability Report”) specifying the amount of Collocation Space available at the Premises requested, the number of collocators present at the Premises, any modifications in the use of the space since the last report on the Premises requested and the measures BellSouth is taking to make additional space available for collocation arrangements.
- 2.2.1 The request from ECI for a Space Availability Report must be written and must include the Premises and Common Language Location Identification (“CLLI”) code of the Premises. Such information regarding Premises and CLLI code is located in the National Exchange Carriers Association (NECA) Tariff FCC No. 4.
- 2.2.2 BellSouth will respond to a request for a Space Availability Report for a particular Premises within ten (10) business days of receipt of such request. BellSouth will make best efforts to respond in ten (10) business days to such a request when the request includes from two (2) to five (5) Premises within the same state. The response time for requests of more than five (5) Premises shall be negotiated between the Parties. If BellSouth cannot meet the ten business day response time, BellSouth shall notify ECI and inform ECI of the time frame under which it can respond.
- 2.3 Denial of Application. After notifying ECI that BellSouth has no available space in the requested Premises (“Denial of Application”), BellSouth will allow ECI, upon request, to tour the entire Premises within ten (10) business days of such Denial of Application. In order to schedule said tour within ten (10) business days, the request for a tour of the Premises must be received by BellSouth within five (5) business days of the Denial of Application.
- 2.4 Filing of Petition for Waiver. Upon Denial of Application BellSouth will timely file a petition with the Commission pursuant to 47 U.S.C. § 251(c)(6).

- 2.5 Waiting List. On a first-come, first-served basis governed by the date of receipt of an application or Letter of Intent, BellSouth will maintain a waiting list of requesting carriers who have either received a Denial of Application or, where it is publicly known that the Premises is out of space, have submitted a Letter of Intent to collocate. BellSouth will notify the telecommunications carriers on the waiting list when space becomes available according to how much space becomes available and the position of telecommunications carrier on said waiting list. ECI must submit an updated, complete, and correct application to BellSouth within 30 business days or notify BellSouth in writing that ECI wants to maintain its place on the waiting list either without accepting such space or accepting an amount of space less than its original request. If ECI does not submit such an application or notify BellSouth in writing as described above, BellSouth will offer such space to the next CLEC on the waiting list and remove ECI from the waiting list. Upon request, BellSouth will advise ECI as to its position on the list.
- 2.6 Public Notification. BellSouth will maintain on its Interconnection Services website a notification document that will indicate all Central Offices that are without available space. BellSouth shall update such document within ten (10) business days of the Denial of Application date. BellSouth will also post a document on its Interconnection Services website that contains a general notice where space has become available in a Central Office previously on the space exhaust list. BellSouth shall allocate said available space pursuant to the waiting list referenced in Section 2.5.
- 2.7 State Agency Procedures. Notwithstanding the foregoing, should any state regulatory agency impose procedures or intervals different than procedures or intervals set forth in this section, whether now in effect or that become effective after execution of this Agreement, those procedures or intervals shall supersede the requirements set forth herein for all applications submitted for the first time after the effective date thereof.

### **3. Collocation Options**

- 3.1 Cageless. In accordance and compliance with local building code, BellSouth shall allow ECI to collocate ECI's equipment and facilities without requiring the construction of a cage or similar structure and without requiring the creation of a separate entrance to the Collocation Space. BellSouth shall allow ECI to have direct access to its equipment and facilities but may require ECI to use a central entrance to the BellSouth Premises. BellSouth shall make cageless collocation available in single bay increments pursuant to Section 7. Except where ECI's equipment requires special technical considerations (e.g., special cable racking, isolated ground plane), BellSouth shall assign cageless Collocation Space in conventional equipment rack lineups where feasible. For equipment requiring special technical considerations, ECI must provide the equipment layout, including spatial dimensions for such equipment pursuant to generic requirements contained in BellCore (Telcordia) GR-63-Core and shall be



responsible for constructing all special technical requirements associated with such equipment pursuant to Section 6.5 following.

- 3.2 Cages and Adjacent Arrangement Enclosures. At ECI's option and upon request, BellSouth shall construct enclosures in compliance with ECI's collocation request and in accordance and compliance with local building code. At ECI's request, BellSouth shall permit ECI to subcontract the construction of physical collocation arrangements with a contractor certified by BellSouth ("BellSouth Certified Contractor"), provided however, that BellSouth shall not unreasonably withhold approval of contractors.
- 3.3 When ECI subcontracts the construction, ECI must arrange with a BellSouth Certified Contractor to construct a collocation arrangement enclosure in accordance with BellSouth's guidelines and specifications and at ECI's sole expense. BellSouth will provide guidelines and specifications upon request. Where local building codes require enclosure specifications more stringent than BellSouth's standard enclosure specification, ECI and ECI's BellSouth Certified Contractor must comply with local building code requirements. ECI's BellSouth Certified Contractor shall be responsible for filing and receiving any and all necessary permits and/or licenses for such construction. BellSouth shall cooperate with ECI and provide, at ECI's expense, the documentation, including architectural drawings, necessary for ECI to obtain the zoning, permits and/or other licenses. BellSouth shall pass on to ECI the costs of providing the documentation. The BellSouth Certified Contractor shall bill ECI directly for all work performed for ECI pursuant to this Attachment and BellSouth shall have no liability for nor responsibility to pay such charges imposed by the BellSouth Certified Contractor. ECI must provide the local BellSouth building contact with two Access Keys used to enter the locked enclosure. Except in case of emergency, BellSouth will not access ECI's locked enclosure prior to notifying ECI.
- 3.3.1 BellSouth has the right to review ECI's plans and specifications prior to allowing construction to start. BellSouth has the right to inspect the enclosure after construction to make sure it is designed and constructed according to BellSouth's guidelines and specifications and to require ECI to remove or correct at ECI's cost any structure that does not meet these standards.
- 3.4 Shared (Subleased) Caged Collocation. ECI may allow other telecommunications carriers to share ECI's caged collocation arrangement pursuant to terms and conditions agreed to by ECI ("Host") and other telecommunications carriers ("Guests") and pursuant to this section in accordance and compliance with local building code, except where the BellSouth Premises is located within a leased space and BellSouth is prohibited by said lease from offering such an option. ECI shall notify BellSouth in writing upon execution of any agreement between the Host and its Guest within ten (10) business days of its execution and prior to any Firm Order. Further, such notice shall include the name of the Guest(s) and the term of the agreement, and shall contain a certification by ECI that said agreement imposes upon the Guest(s) the same terms and conditions for Collocation Space as set forth in this Attachment between BellSouth and ECI.

- 3.4.1 ECI shall be the sole interface and responsible Party to BellSouth for the purpose of submitting applications for initial and additional equipment placements of Guest; for assessment of rates and charges contained within this Attachment; and for the purposes of ensuring that the safety and security requirements of this Attachment are fully complied with by the Guest, its employees and agents. In the event the Host and Guest jointly submit an initial Application, only one Application Fee will be assessed. A separate initial Guest application shall require the assessment of a Subsequent Application Fee, as set forth in Exhibit A, if this application is not the initial application made for the arrangement. Notwithstanding the foregoing, Guest may arrange directly with BellSouth for the provision of the interconnecting facilities between BellSouth and Guest and for the provision of the services and access to unbundled network elements.
- 3.4.2 ECI shall indemnify and hold harmless BellSouth from any and all claims, actions, causes of action, of whatever kind or nature arising out of the presence of ECI's Guests in the Collocation Space except to the extent caused by BellSouth's sole negligence, gross negligence, or willful misconduct.
- 3.5 Adjacent Collocation. BellSouth will provide adjacent collocation arrangements ("Adjacent Arrangement") where space within the Premises is legitimately exhausted, subject to technical feasibility, where the Adjacent Arrangement does not interfere with access to existing or planned structures or facilities on the Premises property and where permitted by zoning and other applicable state and local regulations. The Adjacent Arrangement shall be constructed or procured by ECI and in conformance with BellSouth's design and construction specifications. Further, ECI shall construct, procure, maintain and operate said Adjacent Arrangement(s) pursuant to all of the terms and conditions set forth in this Attachment. Rates shall be negotiated at the time of the request for the Adjacent Arrangement.
- 3.4.1 Should ECI elect such option, ECI must arrange with a BellSouth Certified Contractor to construct an Adjacent Arrangement structure in accordance with BellSouth's guidelines and specifications. BellSouth will provide guidelines and specifications upon request. Where local building codes require enclosure specifications more stringent than BellSouth's standard specification, ECI and ECI's BellSouth Certified Contractor must comply with local building code requirements. ECI's BellSouth Certified Contractor shall be responsible for filing and receiving any and all necessary zoning, permits and/or licenses for such construction. ECI's BellSouth Certified Contractor shall bill ECI directly for all work performed for ECI pursuant to this Attachment and BellSouth shall have no liability for nor responsibility to pay such charges imposed by the BellSouth Certified Contractor. ECI must provide the local BellSouth building contact with two cards, keys or other access device used to enter the locked enclosure. Except in cases of emergency, BellSouth shall not access ECI's locked enclosure prior to notifying ECI.
- 3.4.2 BellSouth maintains the right to review ECI's plans and specifications prior to construction of an Adjacent Arrangement(s). BellSouth may inspect the Adjacent

- Arrangement(s) following construction and prior to the Commencement Date, as defined in Section 4.1 following, to ensure the design and construction comply with BellSouth's guidelines and specifications. BellSouth may require ECI, at ECI's sole cost, to correct any deviations from BellSouth's guidelines and specifications found during such inspection(s), up to and including removal of the Adjacent Arrangement, within five (5) business days of BellSouth's inspection, unless the Parties mutually agree to an alternative time frame.
- 3.4.3 ECI shall provide a concrete pad, the structure housing the arrangement, heating/ventilation/air conditioning ("HVAC"), lighting, and all facilities that connect the structure (i.e. racking, conduits, etc.) to the BellSouth point of interconnection. At ECI's option, and where the local authority having jurisdiction permits, BellSouth shall provide an AC power source and access to physical collocation services and facilities subject to the same nondiscriminatory requirements as applicable to any other physical collocation arrangement. ECI's BellSouth Certified Contractor shall be responsible for filing and receiving any and all necessary zoning, permits and/or licenses for such arrangement.
- 3.5.1 BellSouth shall allow Shared (Subleased) Caged Collocation within an Adjacent Arrangement pursuant to the terms and conditions set forth in Section 3.3 preceding.
- 4. Occupancy**
- 4.1 Commencement Date. The "Commencement Date" shall be the day ECI's equipment becomes operational as described in Article 4.2, following.
- 4.2 Occupancy. BellSouth will notify ECI in writing that the Collocation Space is ready for occupancy. ECI must notify BellSouth in writing that collocation equipment installation is complete and is operational with BellSouth's network. BellSouth may, at its option, not accept orders for interconnected service until receipt of such notice. For purposes of this paragraph, ECI's telecommunications equipment will be deemed operational when cross-connected to BellSouth's network for the purpose of service provision.
- 4.3 Termination. Except where otherwise agreed to by the Parties, ECI may terminate occupancy in a particular Collocation Space upon thirty (30) business days prior written notice to BellSouth. Upon termination of such occupancy, ECI at its expense shall remove its equipment and other property from the Collocation Space. ECI shall have thirty (30) business days from the termination date to complete such removal, including the removal of all equipment and facilities of ECI's Guests; provided, however, that ECI shall continue payment of monthly fees to BellSouth until such date as ECI has fully vacated the Collocation Space. Should ECI or ECI's Guest fail to vacate the Collocation Space within thirty (30) business days from the termination date, BellSouth shall have the right to remove the equipment and other property of ECI or ECI's Guest at ECI's expense and with no liability for damage or injury to ECI

or ECI's Guest's property unless caused by the gross negligence or intentional misconduct of BellSouth. Upon expiration of this Attachment with respect to a Collocation Space, ECI shall surrender such Collocation Space to BellSouth in the same condition as when first occupied by the ECI except for ordinary wear and tear unless otherwise agreed to by the Parties. ECI shall be responsible for the cost of removing any enclosure, together with all support structures (e.g., racking, conduits), of an Adjacent Collocation arrangement at the termination of occupancy and restoring the grounds to their original condition.

## **5. Use of Collocation Space**

- 5.1 Equipment Type. BellSouth permits the collocation of any type of equipment used or useful for interconnection to BellSouth's network or for access to unbundled network elements in the provision of telecommunications services. Such equipment used or useful for interconnection and access to unbundled network elements includes, but is not limited to transmission equipment including, but not limited to, optical terminating equipment and multiplexers, and digital subscriber line access multiplexers, routers, asynchronous transfer mode multiplexers, and remote switching modules. Nothing in this section requires BellSouth to permit collocation of equipment used solely to provide enhanced services; provided, however, that BellSouth may not place any limitations on the ability of requesting carriers to use all the features, functions, and capabilities of equipment collocated pursuant to this section.
- 5.1.1 Such equipment must at a minimum meet the following BellCore (Telcordia) Network Equipment Building Systems (NEBS) General Equipment Requirements: Criteria Level 1 requirements as outlined in the BellCore (Telcordia) Special Report SR-3580, Issue 1; equipment design spatial requirements per GR-63-CORE, Section 2; thermal heat dissipation per GR-063-CORE, Section 4, Criteria 77-79; acoustic noise per GR-063-CORE, Section 4, Criterion 128, and National Electric Code standards.
- 5.1.2 ECI shall not use the Collocation Space for marketing purposes nor shall it place any identifying signs or markings in the area surrounding the Collocation Space or on the grounds of the Premises.
- 5.1.3 ECI shall place a plaque or other identification affixed to ECI's equipment necessary to identify ECI's equipment, including a list of emergency contacts with telephone numbers.
- 5.2 Entrance Facilities. ECI may elect to place ECI-owned or ECI-leased fiber entrance facilities into the Collocation Space. BellSouth will designate the point of entrance in close proximity to the Premises building housing the Collocation Space, such as an entrance manhole or a cable vault which are physically accessible by both Parties. ECI will provide and place fiber cable at the point of entrance of sufficient length to

- be pulled through conduit and into the splice location. ECI will provide and install a sufficient length of fire retardant riser cable, to which the entrance cable will be spliced, which will extend from the splice location to ECI's equipment in the Collocation Space. In the event ECI utilizes a non-metallic, riser-type entrance facility, a splice will not be required. ECI must contact BellSouth for instructions prior to placing the entrance facility cable in the manhole. ECI is responsible for maintenance of the entrance facilities. At ECI's option BellSouth will accommodate where technically feasible a microwave entrance facility pursuant to separately negotiated terms and conditions.
- 5.2.1 Dual Entrance. BellSouth will provide at least two interconnection points at each Premises where there are at least two such interconnection points available and where capacity exists. Upon receipt of a request for physical collocation under this Attachment, BellSouth shall provide ECI with information regarding BellSouth's capacity to accommodate dual entrance facilities. If conduit in the serving manhole(s) is available and is not reserved for another purpose for utilization within 12 months of the receipt of an application for collocation, BellSouth will make the requested conduit space available for installing a second entrance facility to ECI's arrangement. The location of the serving manhole(s) will be determined at the sole discretion of BellSouth. Where dual entrance is not available due to lack of capacity, BellSouth will so state in the Application Response.
- 5.2.2 Shared Use. ECI may utilize spare capacity on an existing interconnector entrance facility for the purpose of providing an entrance facility to another ECI collocation arrangement within the same BellSouth Premises. ECI must arrange with BellSouth for BellSouth to splice the utilized entrance facility capacity to ECI-provided riser cable.
- 5.3 Splicing in the Entrance Manhole. Although not generally permitted, should ECI request a splice to occur in the entrance manhole(s), BellSouth, at its sole discretion, may grant such a request. When the request for a splice is granted to ECI by BellSouth, ECI shall ensure its employees or agents entering and/or performing work in the entrance manhole(s) are trained and comply with BellSouth procedures and OSHA requirements regarding access to manholes and that BellSouth personnel are notified and present for all entrances and work performed in the entrance manhole(s). Manhole covers shall be properly closed and secured at the conclusion of entry and/or work. Advance notification to BellSouth shall occur at a minimum of 48 hours prior to desired entry for normal work activities and at a minimum of 2 hours prior to desired entry in an out of service condition.
- 5.4 Demarcation Point. BellSouth will designate the point(s) of interconnection between ECI's equipment and/or network and BellSouth's network. Each Party will be responsible for maintenance and operation of all equipment/facilities on its side of the demarcation point. For 2-wire and 4-wire connections to BellSouth's network, the demarcation point shall be a common block on the BellSouth designated conventional distributing frame. ECI shall be responsible for providing, and a supplier certified by

- BellSouth (“ECI’s BellSouth Certified Supplier”) shall be responsible for installing and properly labeling/stenciling, the common block, and necessary cabling pursuant to Section 6.4. For all other terminations BellSouth shall designate a demarcation point on a per arrangement basis. ECI or its agent must perform all required maintenance to equipment/facilities on its side of the demarcation point, pursuant to Section 5.5, following, and may self-provision cross-connects that may be required within the Collocation Space to activate service requests. At ECI’s option and expense, a Point of Termination (“POT”) bay or frame may be placed in the Collocation Space, but will not serve as the demarcation point. ECI must make arrangements with a BellSouth Certified Supplier for such placement.
- 5.5 ECI’s Equipment and Facilities. ECI, or if required by this Attachment, ECI’s BellSouth Certified Supplier, is solely responsible for the design, engineering, installation, testing, provisioning, performance, monitoring, maintenance and repair of the equipment and facilities used by ECI. Such equipment and facilities may include but are not limited to cable(s); equipment; and point of termination connections.
- 5.6 Co-carrier cross-connect. In addition to, and not in lieu of, obtaining interconnection with, or access to, BellSouth’s telecommunications services, unbundled network elements, and facilities, ECI may directly connect to other interconnectors within the designated BellSouth Premises (including to its other virtual or physical collocated arrangements) through facilities owned by ECI or through BellSouth facilities designated by ECI, at ECI’s option. Such connections to other carriers may be made using either optical or electrical facilities. ECI may deploy such optical or electrical connections directly between its own facilities and the facilities of other interconnector(s) without being routed through BellSouth equipment.
- 5.6.1 If ECI requests a co-carrier cross-connect after the initial installation, ECI must submit an application with a Subsequent Application Fee. ECI must use a BellSouth Certified Supplier to place the co-carrier cross connect, except in cases where the ECI equipment and the equipment of the other interconnector are located within contiguous Collocation Spaces. In cases where ECI’s equipment and the equipment of the other interconnector are located in contiguous Collocation Spaces, ECI will have the option to deploy the co-carrier cross connects between the sets of equipment. Where cable support structure exists for such connection, there will be a recurring charge per linear foot of support structure used. When cable support structures do not exist and must be constructed, a pro-rated non-recurring charge for the individual case will be assessed to all that benefit from that construction.
- 5.7 BellSouth’s Access to Collocation Space. From time to time BellSouth may require access to the Collocation Space. BellSouth retains the right to access such space for the purpose of making BellSouth equipment and building modifications (e.g., running, altering or removing racking, ducts, electrical wiring, HVAC, and cables). BellSouth will give reasonable notice to ECI when access to the Collocation Space is required. ECI may elect to be present whenever BellSouth performs work in the

Collocation Space. The Parties agree that ECI will not bear any of the expense associated with this work.

- 5.8 Access. Pursuant to Section 11, ECI shall have access to the Collocation Space twenty-four (24) hours a day, seven (7) days a week. ECI agrees to provide the name and social security number or date of birth or driver's license number of each employee, contractor, or agents of ECI or ECI's Guests provided with access keys or cards ("Access Keys") prior to the issuance of said Access Keys. Access Keys shall not be duplicated under any circumstances. ECI agrees to be responsible for all Access Keys and for the return of all said Access Keys in the possession of ECI employees, contractors, Guests, or agents after termination of the employment relationship, contractual obligation with ECI or upon the termination of this Attachment or the termination of occupancy of an individual collocation arrangement.
- 5.8.1 Lost or Stolen Access Keys. ECI shall notify BellSouth in writing immediately in the case of lost or stolen Access Keys. Should it become necessary for BellSouth to re-key buildings or deactivate a card as a result of a lost Access Key(s) or for failure to return an Access Key(s), ECI shall pay for all reasonable costs associated with the re-keying or deactivating the card.
- 5.9 Interference or Impairment. Notwithstanding any other provisions of this Attachment, equipment and facilities placed in the Collocation Space shall not interfere with or impair service provided by BellSouth or by any other interconnector located in the Premises; shall not endanger or damage the facilities of BellSouth or of any other interconnector, the Collocation Space, or the Premises; shall not compromise the privacy of any communications carried in, from, or through the Premises; and shall not create an unreasonable risk of injury or death to any individual or to the public. If BellSouth reasonably determines that any equipment or facilities of ECI violates the provisions of this paragraph, BellSouth shall give written notice to ECI, which notice shall direct ECI to cure the violation within forty-eight (48) hours of ECI's actual receipt of written notice or, at a minimum, to commence curative measures within 24 hours and to exercise reasonable diligence to complete such measures as soon as possible thereafter. After receipt of the notice, the Parties agree to consult immediately and, if necessary, to inspect the arrangement. If ECI fails to take curative action within 48 hours or if the violation is of a character which poses an immediate and substantial threat of damage to property, injury or death to any person, or interference/impairment of the services provided by BellSouth or any other interconnector, then and only in that event BellSouth may take such action as it deems appropriate to correct the violation, including without limitation the interruption of electrical power to ECI's equipment. BellSouth will endeavor, but is not required, to provide notice to ECI prior to taking such action and shall have no liability to ECI for any damages arising from such action, except to the extent that such action by BellSouth constitutes willful misconduct.
- 5.10 Personalty and its Removal. Subject to requirements of this Attachment, ECI may place or install in or on the Collocation Space such facilities and equipment, including

- storage for spare equipment, as it deems desirable for the conduct of business, provided that such equipment is telecommunications equipment, does not violate floor loading requirements, nor imposes or could impose or contains or could contain environmental conditions or hazards. Personal property, facilities and equipment placed by ECI in the Collocation Space shall not become a part of the Collocation Space, even if nailed, screwed or otherwise fastened to the Collocation Space, but shall retain their status as personalty and may be removed by ECI at any time. Any damage caused to the Collocation Space by ECI's employees, agents or representatives during the removal of such property shall be promptly repaired by ECI at its expense.
- 5.11 Alterations. In no case shall ECI or any person acting on behalf of ECI make any rearrangement, modification, improvement, addition, repair, or other alteration which could affect in any way space, power, HVAC, and/or safety considerations to the Collocation Space or the BellSouth Premises without the written consent of BellSouth, which consent shall not be unreasonably withheld. The cost of any such specialized alterations shall be paid by ECI. Any material rearrangement, modification, improvement, addition, repair, or other alteration shall require a Subsequent Application and Subsequent Application Fee, pursuant to sub-section 6.2.2
- 5.12 Janitorial Service. ECI shall be responsible for the general upkeep and cleaning of the Caged Collocation Space and shall arrange directly with a BellSouth Certified Contractor for janitorial services. BellSouth shall provide a list of such contractors on a site-specific basis upon request.
- 6. Ordering and Preparation of Collocation Space**
- 6.1 Should any state regulatory agency impose procedures or intervals different than procedures or intervals set forth in this section, whether now in effect or that become effective after execution of this Agreement, those procedures or intervals shall supersede the requirements set forth herein for all applications submitted for the first time after the effective date thereof.
- 6.2 Application for Space. ECI shall submit an application document when ECI or ECI's Guest(s), as defined in Section 3.3, desires to request or modify the use of the Collocation Space.
- 6.2.1 Initial Application. For ECI or ECI's Guest(s) initial equipment placement, ECI shall submit to BellSouth a Physical Expanded Interconnection Application Document ("Application"), together with payment of the Application Fee as stated in Exhibit A. The Application is Bona Fide when it is complete and accurate, meaning that all required fields on the application are completed with the appropriate type of information. The Bona Fide Application shall contain a detailed description and schematic drawing of the equipment to be placed in ECI's Collocation Space(s) and an estimate of the amount of square footage required.



- 6.2.2 Subsequent Application Fee. In the event ECI or ECI's Guest(s) desire to modify the use of the Collocation Space, ECI shall complete an Application document detailing all information regarding the modification to the Collocation Space together with payment of the minimum Subsequent Application Fee as stated in Exhibit A. Said minimum Subsequent Application Fee shall be considered a partial payment of the applicable Subsequent Application Fee which shall be calculated as set forth below. BellSouth shall determine what modifications, if any, to the Premises are required to accommodate the change requested by ECI in the Application. Such necessary modifications to the Premises may include but are not limited to, floor loading changes, changes necessary to meet HVAC requirements, changes to power plant requirements, and equipment additions. The fee paid by ECI for its request to modify the use of the Collocation Space shall be dependent upon the level of assessment needed for the modification requested. Where the subsequent Application does not require assessment for provisioning or construction work by BellSouth, no Subsequent Application Fee will be required and the pre-paid fee shall be refunded to ECI. The fee for an Application where the modification requested has limited effect (e.g., does not require assessment related to capital expenditure by BellSouth) shall be the Subsequent Application Fee as set forth in Exhibit A. If the modification requires capital expenditure assessment, a fee ranging from the minimum Subsequent Application Fee up to the full Application Fee for the appropriate state shall apply. In the event such modifications require the assessment of a full Application Fee as set forth in Exhibit A, the outstanding balance shall be due by ECI within 30 calendar days following ECI's receipt of a bill or invoice from BellSouth.
- 6.3 Application Response. In addition to the notice of space availability pursuant to Section 2.1, BellSouth will respond within ten (10) business days of receipt of an Application stating whether the Application is Bona Fide, and if it is not Bona Fide, the items necessary to cause the Application to become Bona Fide. When space has been determined to be available, BellSouth will provide a comprehensive written response ("Application Response") within thirty (30) business days of receipt of a Bona Fide Application. The Application Response will include the configuration of the space, the Cable Installation Fee, and the estimated Space Preparation Fee, as described in Section 7. When multiple applications are submitted within a fifteen (15) business day window, BellSouth will respond to the Bona Fide Applications as soon as possible, but no later than the following: within thirty (30) business days for Bona Fide Applications 1-5; within thirty-six (36) business days for Bona Fide Applications 6-10; within forty-two (42) business days for Bona Fide Applications 11-15. Response intervals for multiple Bona Fide Applications submitted within the same timeframe for the same state in excess of 15 must be negotiated. All negotiations shall consider the total volume from all requests from telecommunications companies for collocation.
- 6.4 Application Modifications. If a modification or revision is made to any information in Sections 2 through 12 or 15 of a Bona Fide Application for Physical Collocation, or Sections 2 through 10 or 13 of a Bona Fide Application for Adjacent Collocation, either at the request of ECI or necessitated by technical considerations, BellSouth will

- respond to the Bona Fide Application within thirty (30) business days after BellSouth receives such application or at such other date as the Parties agree. If, at any time, BellSouth needs to reevaluate ECI's Bona Fide Application as a result of changes requested by ECI to ECI's original application, then BellSouth will charge ECI a fee based upon the additional engineering hours required to do the reassessment. Major changes such as requesting additional space or adding additional equipment may require ECI to resubmit the application with an Application Fee. ECI may modify or revise Section 1, 13, 14, or 16 of a Bona Fide Application for Physical Collocation, or Sections 1, 11, or 12 of a Bona Fide Application for Adjacent Collocation, without incurring additional expense or a longer Application Response interval.
- 6.5 Bona Fide Firm Order. ECI shall indicate its intent to proceed with equipment installation in a BellSouth Premises by submitting a Bona Fide Firm Order to BellSouth. A Bona Fide Firm Order requires ECI to complete the Application/Inquiry process described in Section 6.2, preceding, and submit the Physical Expanded Interconnection Firm Order document (BSTEI-1P-F) indicating acceptance of the Application Response provided by BellSouth ("Bona Fide Firm Order") and all appropriate fees, as set forth in Section 7. The Bona Fide Firm Order must be received by BellSouth no later than thirty (30) business days after BellSouth's Application Response to ECI's Bona Fide Application.
- 6.5.1 BellSouth will establish a firm order date based upon the date BellSouth is in receipt of a Bona Fide Firm Order. BellSouth will acknowledge the receipt of ECI's Bona Fide Firm Order within seven (7) calendar days of receipt indicating that the Bona Fide Firm Order has been received. A BellSouth response to a Bona Fide Firm Order will include a Firm Order Confirmation containing the firm order date. No revisions will be made to a Bona Fide Firm Order.
- 6.5.2 BellSouth will permit one accompanied site visit to ECI's designated collocation arrangement location after receipt of the Bona Fide Firm Order without charge to ECI.
- 6.5.3 Space preparation for the Collocation Space will not begin until BellSouth receives the Bona Fide Firm Order and all applicable fees.
- 6.5.4 ECI must submit to BellSouth the completed Access Control Request Form (RF-2906-C) for all employees or agents requiring access to the BellSouth Premises a minimum of 30 calendar days prior to the date ECI desires access to the Collocation Space.
- 6.6 Construction and Provisioning Interval. BellSouth will negotiate construction and provisioning intervals on an individual case basis. Excluding the time interval required to secure the appropriate government licenses and permits, BellSouth will use best efforts to complete construction for collocation arrangements under ordinary conditions as soon as possible and within a maximum of 120 calendar days from receipt of a Bona Fide Firm Order. Ordinary conditions are defined as space available with only minor changes to support systems required, such as but not limited to,

HVAC, cabling and the power plant(s). Excluding the time interval required to secure the appropriate government licenses and permits, BellSouth will use best efforts to complete construction of all other Collocation Space ("extraordinary conditions") within 180 calendar days of the receipt of a Bona Fide Firm Order. Extraordinary conditions are defined to include but are not limited to major BellSouth equipment rearrangement or addition; power plant addition or upgrade; major mechanical addition or upgrade; major upgrade for ADA compliance; environmental hazard or hazardous materials abatement; and arrangements for which equipment shipping intervals are extraordinary in length.

- 6.6.1 Joint Planning Meeting. Unless otherwise agreed to by the Parties, a joint planning meeting or other method of joint planning between BellSouth and ECI will commence within a maximum of twenty (20) calendar days from BellSouth's receipt of a Bona Fide Firm Order and the payment of agreed upon fees. At such meeting, the Parties will agree to the preliminary design of the Collocation Space and the equipment configuration requirements as reflected in the Bona Fide Application and affirmed in the Bona Fide Firm Order. The Collocation Space completion time period will be provided to ECI during the joint planning meeting or as soon as possible thereafter. BellSouth will complete all design work following the joint planning meeting.
- 6.6.2 Permits. Each Party or its agents will diligently pursue filing for the permits required for the scope of work to be performed by that Party or its agents within ten (10) calendar days of the completion of finalized construction designs and specifications.
- 6.6.3 Acceptance Walk Through. ECI and BellSouth will complete an acceptance walk through of each Collocation Space requested from BellSouth by ECI. BellSouth will correct any deviations to ECI's original or jointly amended requirements within seven (7) calendar days after the walk through, unless the Parties jointly agree upon a different time frame.
- 6.7 Use of BellSouth Certified Supplier. ECI shall select a supplier which has been approved as a BellSouth Certified Supplier to perform all engineering and installation work required in TR 73503 in the Collocation Space. In some cases, ECI must select separate BellSouth Certified Suppliers for transmission equipment, switching equipment and power equipment. BellSouth shall provide ECI with a list of BellSouth Certified Suppliers upon request. The BellSouth Certified Supplier(s) shall be responsible for installing ECI's equipment and components, installing co-carrier cross connects, extending power cabling to the BellSouth power distribution frame, performing operational tests after installation is complete, and notifying BellSouth's equipment engineers and ECI upon successful completion of installation. The BellSouth Certified Supplier shall bill ECI directly for all work performed for ECI pursuant to this Attachment and BellSouth shall have no liability for nor responsibility to pay such charges imposed by the BellSouth Certified Supplier. BellSouth shall consider certifying ECI or any supplier proposed by ECI.

- 6.8 Alarm and Monitoring. BellSouth shall place environmental alarms in the Premises for the protection of BellSouth equipment and facilities. ECI shall be responsible for placement, monitoring and removal of environmental and equipment alarms used to service ECI's Collocation Space. Upon request, BellSouth will provide ECI with applicable tariffed service(s) to facilitate remote monitoring of collocated equipment by ECI. Both Parties shall use best efforts to notify the other of any verified environmental hazard known to that Party. The Parties agree to utilize and adhere to the Environmental Hazard Guidelines identified as Exhibit B attached hereto.
- 6.9 Basic Telephone Service. Upon request of ECI, BellSouth will provide basic telephone service to the Collocation Space under the rates, terms and conditions of the current tariff offering for the service requested.
- 6.10 Space Preparation. BellSouth shall pro rate the costs of any renovation or upgrade to Premises space or support mechanisms which is required to accommodate physical collocation, unless otherwise specified in Attachment A. ECI's pro rated share will be calculated by multiplying such cost by a percentage equal to the amount of square footage occupied by ECI divided by the total Premises square footage receiving renovation or upgrade. For this section, support mechanisms provided by BellSouth may include, but not be limited to, HVAC equipment, HVAC duct work, cable support structure, fire wall(s), mechanical upgrade, asbestos abatement, or ground plane addition. Such renovation or upgrade will be evaluated and the charges assessed on a per Premises basis. BellSouth will reimburse ECI in an amount equal to ECI's reasonable, demonstrative and mitigated expenditures incurred as a direct result of delays to the completion and turnover dates caused by BellSouth.
- 6.11 Virtual Collocation Transition. BellSouth offers Virtual Collocation pursuant to the rates, terms and conditions set forth in its F.C.C. Tariff No. 1. For the interconnection to BellSouth's network and access to BellSouth unbundled network elements, ECI may purchase 2-wire and 4-wire cross-connects as set forth in Exhibit A, and ECI may place within its Virtual Collocation arrangements the telecommunications equipment set forth in Section 5.1. In the event physical Collocation Space was previously denied at a location due to technical reasons or space limitations, and that physical Collocation Space has subsequently become available, ECI may transition its virtual collocation arrangements to physical collocation arrangements and pay the appropriate non-recurring fees for physical collocation and for the rearrangement or reconfiguration of services terminated in the virtual collocation arrangement, as outlined in the appropriate BellSouth tariffs. In the event that BellSouth knows when additional space for physical collocation may become available at the location requested by ECI, such information will be provided to ECI in BellSouth's written denial of physical collocation. To the extent that (i) physical Collocation Space becomes available to ECI within 180 calendar days of BellSouth's written denial of ECI's request for physical collocation, and (ii) ECI was not informed in the written denial that physical Collocation Space would become available within such 180 calendar days, then ECI may transition its virtual collocation arrangement to a physical collocation arrangement and will receive a

- credit for any nonrecurring charges previously paid for such virtual collocation. ECI must arrange with a BellSouth Certified Supplier for the relocation of equipment from its virtual Collocation Space to its physical Collocation Space and will bear the cost of such relocation.
- 6.12 Cancellation. If, at anytime, ECI cancels its order for the Collocation Space(s), ECI will reimburse BellSouth for any expenses incurred up to the date that written notice of the cancellation is received. In no event will the level of reimbursement under this paragraph exceed the maximum amount ECI would have otherwise paid for work undertaken by BellSouth if no cancellation of the order had occurred.
- 6.13 Licenses. ECI, at its own expense, will be solely responsible for obtaining from governmental authorities, and any other appropriate agency, entity, or person, all rights, privileges, and licenses necessary or required to operate as a provider of telecommunications services to the public or to occupy the Collocation Space.
- 7. Rates and Charges**
- 7.1 Non-recurring Fees. In addition to the Application Fee referenced in Section 6, preceding, ECI shall remit payment of a Cable Installation Fee and one-half (1/2) of the estimated Space Preparation Fee, as applicable, coincident with submission of a Bona Fide Firm Order. The estimated Space Preparation Fee and the Cable Installation Fee shall be included in the Application Response. The outstanding balance of the actual Space Preparation Fee shall be due thirty (30) calendar days following ECI's receipt of a bill or invoice from BellSouth. Once the installation of the initial equipment arrangement is complete, a subsequent application fee may apply (as described in Section 6.2.2) if ECI requests a modification to the arrangement.
- 7.2 Documentation. Upon request following the receipt of a bill or invoice from BellSouth for the outstanding balance of the actual Space Preparation Fee, BellSouth shall provide documentation to establish the actual Space Preparation Fee. The Space Preparation Fee will be pro rated as prescribed in Section 6, preceding.
- 7.3 Cable Installation. Cable Installation Fee(s) are assessed per entrance fiber placed.
- 7.4 Floor Space. The floor space charge includes reasonable charges for lighting, HVAC, and other allocated expenses associated with maintenance of the Premises but does not include amperage necessary to power ECI's equipment. When the Collocation Space is enclosed, ECI shall pay floor space charges based upon the number of square feet so enclosed. When the Collocation Space is not enclosed, ECI shall pay floor space charges based upon the following floor space calculation: [(depth of the equipment lineup in which the rack is placed) + (0.5 x maintenance aisle depth) + (0.5 x wiring aisle depth)] X (width of rack and spacers). For purposes of this calculation, the depth of the equipment lineup shall consider the footprint of equipment racks plus any equipment overhang. BellSouth will assign unenclosed Collocation Space in

- conventional equipment rack lineups where feasible. In the event ECI's collocated equipment requires special cable racking, isolated grounding or other treatment which prevents placement within conventional equipment rack lineups, ECI shall be required to request an amount of floor space sufficient to accommodate the total equipment arrangement. Floor space charges are due beginning with the date on which BellSouth releases the Collocation Space for occupancy or on the date ECI first occupies the Collocation Space, whichever is sooner.
- 7.5 Power. BellSouth shall make available -48 Volt (-48V) DC power for ECI's Collocation Space at a BellSouth Power Board or BellSouth Batter Distribution Fuse Bay ("BDFB") at ECI's option within the Premises.
- 7.5.1 Recurring charges for -48V DC power will be assessed per ampere per month based upon the BellSouth Certified Supplier engineered and installed power feed fused ampere capacity. Rates include redundant feeder fuse positions (A&B) and common cable rack to ECI's equipment or space enclosure. When obtaining power from a BDFB, fuses and power cables (A&B) must be engineered (sized), and installed by ECI's BellSouth Certified Supplier. When obtaining power from a BellSouth power board, power cables (A&B) must be engineered (sized), and installed by ECI's BellSouth Certified power Supplier. ECI's BellSouth Certified Supplier must also provide a copy of the engineering power specification prior to the Commencement Date.
- 7.5.2 The non-recurring construction charge for construction of additional DC power plant or upgrade of the existing DC power plant in a Premises as a result of ECI's request to collocate in that Premises ("Power Plant Construction"), will be assessed per the nominal -48V DC ampere requirements specified by ECI on the physical collocation application. BellSouth reserves the right to monitor actual usage to verify accuracy of ECI's power requirements. ECI shall pay its pro-rated share of costs associated with the Power Plant Construction, including but not limited to, standby AC plant elements, DC power plant elements, and the BDFB, where applicable. If ECI does not require power feeders from a BDFB, the BDFB component will not be applied to the Power Plant Construction charge. If ECI requires power feeders from both a BellSouth power board and a BellSouth BDFB, the Power Plant Construction charge will include all three components for the amount of nominal current fed from the BDFB, but will only include the standby AC and DC power plant components for the amount of nominal current fed from the power board. BellSouth shall comply with all BellCore (Telcordia) and ANSI Standards regarding power cabling, including BellCore (Telcordia) Network Equipment Building System (NEBS) Standard GR-63-CORE. The costs of Power Plant Construction shall be pro-rated and shared among all who benefit from that construction. ECI shall pay BellSouth one-half of its prorata share of the estimated Power Plant Construction costs prior to commencement of the work. ECI shall pay BellSouth the balance due (actual cost less one-half of the estimated cost) within thirty (30) calendar days of completion of the Power Plant Construction.

- 7.5.3 If BellSouth has not previously invested in power plant capacity for collocation at a specific site, ECI has the option to add its own dedicated power plant; provided, however, that such work shall be performed by a BellSouth Certified Supplier who shall comply with BellSouth's guidelines and specifications. Where the addition of ECI's dedicated power plant results in construction of a new power plant room, upon termination of this Agreement, ECI shall have the right to remove its equipment from the power plant room, but shall otherwise leave the room intact. ECI is responsible for contracting with a BellSouth Certified Supplier for power distribution feeder cable runs from a BellSouth BDFB or power board to ECI's equipment. When obtaining power from a BellSouth BDFB or miscellaneous fuse positions on a BellSouth power board, power cables must be engineered, furnished and installed by ECI using a BellSouth Certified power Supplier. Determination of the BellSouth BDFB or BellSouth power board as the power source will be made at BellSouth's sole, but reasonable, discretion. The BellSouth Certified Supplier contracted by ECI must provide BellSouth a copy of the engineering power specifications prior to the Commencement Date. BellSouth will provide the power feeder cable support structure between the BellSouth BDFB or power board and ECI's arrangement area. ECI shall contract a BellSouth Certified Supplier who will be responsible for the following: power cable support structure within ECI's arrangement; power cable feeds; terminations of cable. Any terminations at a BellSouth power board must be performed by a BellSouth Certified power Supplier. ECI shall comply with all applicable National Electric Code (NEC), BellSouth TR-73503, BellCore (Telcordia) and ANSI Standards regarding power cabling.
- 7.5.4 If ECI elects to install its own DC Power Plant, BellSouth shall provide AC power to feed ECI's DC Power Plant. Charges for AC power will be assessed per breaker ampere per month. Rates include the provision of commercial and standby AC power. When obtaining power from a BellSouth service panel, protection devices and power cables must be engineered (sized), and installed by ECI's BellSouth Certified Supplier except that BellSouth shall engineer and install protection devices and power cables for Adjacent Collocation. ECI's BellSouth Certified Supplier must also provide a copy of the engineering power specification prior to the Commencement Date. Charges for AC power shall be assessed pursuant to the rates specified in Exhibit A. AC power voltage and phase ratings shall be determined on a per location basis. At ECI's option, ECI may arrange for AC power in an Adjacent Collocation arrangement from a retail provider of electrical power.
- 7.6 Security Escort. A security escort will be required whenever ECI or its approved agent desires access to the entrance manhole or must have access to the Premises after the one accompanied site visit allowed pursuant to Section 6.4.2 prior to completing BellSouth's Security Training requirements and/or prior to Space Acceptance. Rates for a security escort are assessed in one-half (1/2) hour increments according to the schedule appended hereto as Exhibit A.
- 7.7 Rate "True-Up". The Parties agree that the prices reflected as interim herein shall be "true-up" (up or down) based on final prices either determined by further agreement

or by final order, including any appeals, in a proceeding involving BellSouth before the regulatory authority for the state in which the services are being performed or any other body having jurisdiction over this Agreement (hereinafter "Commission"). Under the "true-up" process, the interim price for each service shall be multiplied by the volume of that service purchased to arrive at the total interim amount paid for that service ("Total Interim Price"). The final price for that service shall be multiplied by the volume purchased to arrive at the total final amount due ("Total Final Price"). The Total Interim Price shall be compared with the Total Final Price. If the Total Final Price is more than the Total Interim Price, ECI shall pay the difference to BellSouth. If the Total Final Price is less than the Total Interim Price, BellSouth shall pay the difference to ECI. Each Party shall keep its own records upon which a "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 Commission shall be called upon to resolve such differences.

- 7.8 Other. If no rate is identified in the contract, the rate for the specific service or function will be negotiated by the Parties upon request by either Party. Payment of all other charges under this Attachment shall be due thirty (30) calendar days after receipt of the bill (payment due date). ECI will pay a late payment charge of one and one-half percent (1-1/2%) assessed monthly on any balance which remains unpaid after the payment due date.

## **8. Insurance**

- 8.1 ECI shall, at its sole cost and expense, procure, maintain, and keep in force insurance as specified in this Section 8 and underwritten by insurance companies licensed to do business in the states applicable under this Attachment and having a Best's Insurance Rating of A-.
- 8.2 ECI shall maintain the following specific coverage:
- 8.2.1 Commercial General Liability coverage in the amount of ten million dollars (\$10,000,000.00) or a combination of Commercial General Liability and Excess/Umbrella coverage totaling not less than ten million dollars (\$10,000,000.00). BellSouth shall be named as an Additional Insured on the Commercial General Liability policy as specified herein.
- 8.2.2 Statutory Workers Compensation coverage and Employers Liability coverage in the amount of one hundred thousand dollars (\$100,000.00) each accident, one hundred thousand dollars (\$100,000.00) each employee by disease, and five hundred thousand dollars (\$500,000.00) policy limit by disease.



- 8.2.3 All Risk Property coverage on a full replacement cost basis insuring all of ECI's real and personal property situated on or within BellSouth's Central Office location(s).
- 8.2.4 ECI may elect to purchase business interruption and contingent business interruption insurance, having been advised that BellSouth assumes no liability for loss of profit or revenues should an interruption of service occur.
- 8.3 The limits set forth in Section 8.2 above may be increased by BellSouth from time to time during the term of this Attachment upon thirty (30) days notice to ECI to at least such minimum limits as shall then be customary with respect to comparable occupancy of BellSouth structures.
- 8.4 All policies purchased by ECI shall be deemed to be primary and not contributing to or in excess of any similar coverage purchased by BellSouth. All insurance must be in effect on or before the date equipment is delivered to BellSouth's Premises and shall remain in effect for the term of this Attachment or until all ECI's property has been removed from BellSouth's Premises, whichever period is longer. If ECI fails to maintain required coverage, BellSouth may pay the premiums thereon and seek reimbursement of same from ECI.
- 8.5 ECI shall submit certificates of insurance reflecting the coverage required pursuant to this Section a minimum of ten (10) business days prior to the commencement of any work in the Collocation Space. Failure to meet this interval may result in construction and equipment installation delays. ECI shall arrange for BellSouth to receive thirty (30) business days' advance notice of cancellation from ECI's insurance company. ECI shall forward a certificate of insurance and notice of cancellation/non-renewal to BellSouth at the following address:
- BellSouth Telecommunications, Inc.  
Attn.: Risk Management Coordinator  
675 W. Peachtree Street  
Rm. 17H53  
Atlanta, Georgia 30375
- 8.6 ECI must conform to recommendations made by BellSouth's fire insurance company to the extent BellSouth has agreed to, or shall hereafter agree to, such recommendations.
- 8.7 Self-Insurance. If ECI's net worth exceeds five hundred million dollars (\$500,000,000), ECI may elect to request self-insurance status in lieu of obtaining any of the insurance required in Sections 8.2.1 and 8.2.3. ECI shall provide audited financial statements to BellSouth thirty (30) days prior to the commencement of any work in the Collocation Space. BellSouth shall then review such audited financial statements and respond in writing to ECI in the event that self-insurance status is not granted to ECI. If BellSouth approves ECI for self-insurance, ECI shall annually furnish to BellSouth, and keep current, evidence of such net worth that is attested to

by one of ECI's corporate officers. The ability to self-insure shall continue so long as the ECI meets all of the requirements of this Section. If the ECI subsequently no longer satisfies this Section, ECI is required to purchase insurance as indicated by Sections 8.2.1 and 8.2.3.

8.8 The net worth requirements set forth in Section 8.7 may be increased by BellSouth from time to time during the term of this Attachment upon thirty (30) days' notice to ECI to at least such minimum limits as shall then be customary with respect to comparable occupancy of BellSouth structures.

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

## **9. Mechanics Liens**

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

## **10. Inspections**

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

## **11. Security and Safety Requirements**

11.1 The security and safety requirements set forth in this section are as stringent as the security requirements BellSouth maintains at its own premises either for their own employees or for authorized contractors. Only BellSouth employees, BellSouth Certified Contractors and authorized employees, authorized Guests, pursuant to

Section 3.3, preceding, or authorized agents of ECI will be permitted in the BellSouth Premises. ECI shall provide its employees and agents with picture identification which must be worn and visible at all times while in the Collocation Space or other areas in or around the Premises. The photo Identification card shall bear, at a minimum, the employee's name and photo, and the ECI name. BellSouth reserves the right to remove from its premises any employee of ECI not possessing identification issued by ECI or who have violated any of BellSouth's policies as outlined in the CLEC Security Training documents. ECI shall hold BellSouth harmless for any damages resulting from such removal of its personnel from BellSouth premises. ECI shall be solely responsible for ensuring that any Guest of ECI is in compliance with all subsections of this Section 11.

- 11.1.1 ECI will be required, at its own expense, to conduct a statewide investigation of criminal history records for each ECI employee being considered for work on the BellSouth Premises, for the states/counties where the ECI employee has worked and lived for the past five years. Where state law does not permit statewide collection or reporting, an investigation of the applicable counties is acceptable.
- 11.1.2 ECI will be required to administer to their personnel assigned to the BellSouth Premises security training either provided by BellSouth, or meeting criteria defined by BellSouth.
- 11.1.3 ECI shall not assign to the BellSouth Premises any personnel with records of felony criminal convictions. ECI shall not assign to the BellSouth Premises any personnel with records of misdemeanor convictions, except for misdemeanor traffic violations, without advising BellSouth of the nature and gravity of the offense(s). BellSouth reserves the right to refuse building access to any ECI personnel who have been identified to have misdemeanor criminal convictions. Notwithstanding the foregoing, in the even that ECI chooses not to advise BellSouth of the nature and gravity of any misdemeanor conviction, ECI may, in the alternative, certify to BellSouth that it shall not assign to the BellSouth Premises any personnel with records of misdemeanor convictions (other than misdemeanor traffic violations).
- 11.1.4 For each ECI employee requiring access to a BellSouth Premises pursuant to this Attachment, ECI shall furnish BellSouth, prior to an employee gaining such access, a certification that the aforementioned background check and security training were completed. The certification will contain a statement that no felony convictions were found and certifying that the security training was completed by the employee. If the employee's criminal history includes misdemeanor convictions, ECI will disclose the nature of the convictions to BellSouth at that time. In the alternative, ECI may certify to BellSouth that it shall not assign to the BellSouth Premises any personnel with records of misdemeanor convictions other than misdemeanor traffic violations.
- 11.1.5 At BellSouth's request, ECI shall promptly remove from the BellSouth's Premises any employee of ECI BellSouth does not wish to grant access to its premises 1) pursuant to any investigation conducted by BellSouth or 2) prior to the initiation of an

- investigation in the event that an employee of ECI is found interfering with the property or personnel of BellSouth or another CLEC, provided that an investigation shall promptly be commenced by BellSouth.
- 11.2 Notification to BellSouth. BST reserves the right to interview ECI's employees, agents, or contractors in the event of wrongdoing in or around BellSouth's property or involving BellSouth's or another CLEC's property or personnel, provided that BellSouth shall provide reasonable notice to ECI's Security contact of such interview. ECI and its contractors shall reasonably cooperate with BellSouth's investigation into allegations of wrongdoing or criminal conduct committed by, witnessed by, or involving ECI's employees, agents, or contractors. Additionally, BellSouth reserves the right to bill ECI for all reasonable costs associated with investigations involving its employees, agents, or contractors if it is established and mutually agreed in good faith that ECI's employees, agents, or contractors are responsible for the alleged act. BellSouth shall bill ECI for BellSouth property which is stolen or damaged where an investigation determines the culpability of ECI's employees, agents, or contractors and where ECI agrees, in good faith, with the results of such investigation. ECI shall notify BellSouth in writing immediately in the event that the CLEC discovers one of its employees already working on the BellSouth premises is a possible security risk. Upon request of the other Party, the Party who is the employer shall discipline consistent with its employment practices, up to and including removal from the BellSouth Premises, any employee found to have violated the security and safety requirements of this section. ECI shall hold BellSouth harmless for any damages resulting from such removal of its personnel from BellSouth premises.
- 11.3 Use of Supplies. Unauthorized use of telecommunications equipment or supplies either Party, whether or not used routinely to provide telephone service (e.g. plug-in cards,) will be strictly prohibited and handled appropriately. Costs associated with such unauthorized use may be charged to the offending Party, as may be all associated investigative costs.
- 11.4 Use of Official Lines. Except for non-toll calls necessary in the performance of their work, neither Party shall use the telephones of the other Party on the BellSouth Premises. Charges for unauthorized telephone calls may be charged to the offending Party, as may be all associated investigative costs.
- 11.5 Accountability. Full compliance with the Security requirements of this section shall in no way limit the accountability of either Party to the other for the improper actions of its employees.
- 12. Destruction of Collocation Space**
- 12.1 In the event a Collocation Space is wholly or partially damaged by fire, windstorm, tornado, flood or by similar causes to such an extent as to be rendered wholly unsuitable for ECI's permitted use hereunder, then either Party may elect within ten

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

### **13. Eminent Domain**

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

**14. Nonexclusivity**

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

**EXHIBIT A: BELLSOUTH/ECI RATES – ALABAMA**  
**PHYSICAL COLLOCATION**

**Rates marked with an asterisk (\*) are interim and are subject to true-up**

USOC	Rate Element Description	Unit	Recurring Rate (RC)	Non-Recurring Rate (NRC)
PE1BA	Application Fee	Per request	NA	\$7,124.00 Disconnect Charge \$1.73
PE1CA	Subsequent Application Fee ( <b>Note 1</b> )	Per request	NA	\$1,600.00 Minimum
PE1BB	Space Preparation Fee ( <b>Note 2</b> ) Mechanical / HVAC*	Per ton (one ton minimum)		\$2,400.00
PE1SB	Ground Bar*	Per connection		\$720.00
PE1SC	Project Management*	Per arrangement		\$1,675.00
PE1SD	Cable Racking / Fiber Duct	Per arrangement, sq. ft.		ICB
PE1SE	Frame / Aisle Lighting	Per arrangement, sq. ft.		ICB
PE1SG	Framework Ground Conductors	Per arrangement		ICB
PE1SH	Extraordinary Modifications	Per arrangement		ICB
PE1BW	Space Enclosure ( <b>Note 3</b> ) Welded Wire-mesh	Per first 100 sq. ft.	\$136.64	NA
PE1CW	Welded Wire-mesh	Per add'l 50 sq. ft.	\$15.85	NA
PE1PJ	Floor Space	Per sq. ft.	\$3.85	NA
PE1BD	Cable Installation	Per cable	NA	\$2,335.00
PE1PM	Cable Support Structure	Per entrance cable	\$23.23	NA
PE1PL	Power -48V DC Power	Per amp	\$7.14	ICB
PE1FB	120V AC Power single phase*	Per breaker amp	\$5.50	ICB
PE1FD	240V AC Power single phase*	Per breaker amp	\$11.00	ICB
PE1FE	120V AC Power three phase*	Per breaker amp	\$16.50	ICB
PE1FG	277 AC Power three phase*	Per breaker amp	\$38.20	ICB
PE1P2	Cross Connects ( <b>Note 4</b> ) 2-wire	Per cross connect	\$0.28	First/Add'l \$30.76/\$29.40
PE1P4	4-wire		\$0.56	\$31.01/\$29.58
PE1P1	DS-1		\$2.14	\$60.81/\$41.71
PE1P3	DS-3		\$38.63	\$57.80/\$39.81

ALABAMA (continued)				
USOC	Rate Element Description	Unit	Recurring Rate (RC)	Non-Recurring Rate (NRC)
PE1F2 PE1F4	Cross Connects (continued) 2-fiber 4-fiber  2-wire 4-wire DS-1 DS-3 2-fiber 4-fiber	Per cross connect	\$12.10 \$21.75	First/Add'l \$55.46/\$39.18 \$66.71/\$50.43 Disconnect Charges First/Add'l \$12.75/\$11.38 \$12.82/\$11.39 \$12.85/\$11.50 \$14.93/\$11.76 \$16.83/\$13.27 \$21.86/\$18.31
PE1ES Fiber PE1DS Copper (TBD)	Co-Carrier Cross-Connect ( <b>Note 5</b> ) Fiber Cable Support Structure, existing Copper or Coaxial Cable Support Structure, existing Cable Support Structure Construction, new	Per linear ft. Per linear ft. Per new construction	\$0.06 \$0.03 NA	NA NA ICB
PE1AX  PE1AA PE1AR	Security Access System Security System* New Access Card Activation* Administrative change, existing card* Replace lost or stolen card*	Per central office Per card Per card Per card	\$52.00	\$55.00 \$35.00 \$250.00
PE1SR	Space Availability Report*	Per premises requested		\$550.00
PE1PE PE1PF PE1PG PE1PH PE1B2 PE1B4	POT Bay Arrangements <i>Prior to 6/1/99</i> 2-Wire Cross-Connect 4-Wire Cross-Connect DS1 Cross-Connect DS3 Cross-Connect 2-Fiber Cross-Connect 4-Fiber Cross-Connect	Per cross connect	\$0.08 \$0.17 \$0.69 \$4.74 \$32.02 \$40.48	NA NA NA NA NA NA



ALABAMA (continued)				
USOC	Rate Element Description	Unit	Recurring Rate (RC)	Non-Recurring Rate (NRC)
AEH	Additional Engineering Fee (Note 6)	Per request, First half hour/add'l half hour		First/Add'l Basic Time \$31.00/\$22.00 Overtime \$37.00/\$26.00
	Security Escort	Per half hr/add'l half hr		
PE1BT	Basic Time		NA	\$43.47/\$25.82
PE1OT	Overtime		NA	\$55.25/\$32.79
PE1PT	Premium Time		NA	\$67.03/\$39.76

Note(s):

N/A refers to rate elements which do not have a negotiated rate.

- (1) **Subsequent Application Fee:** BellSouth requires the submission of an Application Fee for modifications to an existing arrangement. However, when the modifications do not require BellSouth assessment related to expenditure of capital, BellSouth will assess the Subsequent Application Fee in lieu of the Application Fee. Proposed modifications that could result in assessment of a Subsequent Application Fee would cause BellSouth to analyze the following but are not limited to: floor loading changes, changes to HVAC requirements, power requirement changes which may result in a power plant upgrade, environmental or safety requirements, or equipment relocation. Should the Subsequent Application Fee not be included as part of this Attachment, ECI will be assessed the full Application Fee for all subsequent activity for completed arrangements.
- (2) **Space Preparation Fee:** The Space Preparation Fee is a one-time fee, assessed per arrangement, per location. It recovers the costs associated with the shared physical collocation area within a Premises, which include survey, engineering, design and modification costs for network, building and support systems. In the event ECI opts for non-enclosed space, the space preparation fee will be assessed based on the total floor space dedicated to ECI as prescribed in Section 7 of the Collocation Attachment.
- (3) **Space Enclosure:** The Space Enclosure Construction Fee is a monthly recurring fee, assessed per enclosure, per location with a one-hundred (100) square foot minimum enclosure. It recovers costs associated with providing an optional equipment arrangement enclosure, which include architectural and engineering fees, materials, and installation costs. The cost for additional square feet is applicable only when ordered with the first 100 square feet and must be requested in fifty (50) square foot increments. ECI may, at its option, arrange with a BellSouth Certified Contractor to construct the space enclosure in accordance with BellSouth's guidelines and specifications. In this event, the BellSouth Certified Contractor shall directly bill ECI for the space enclosure, and this fee shall not be applicable.

**EXHIBIT A: BELL SOUTH/ECI RATES – ALABAMA**  
**PHYSICAL COLLOCATION (continued)**

- (4) **Cross Connects:** The charges for cross connects are for orders placed electronically. Cross connect elements may also be ordered manually for which there is an additional charge per element.

		Disconnect Charges
	First / Additional	First / Additional
2-wire	\$34.03 / \$32.67	\$14.48 / \$13.11
4-wire	\$34.28 / \$32.85	\$14.55 / \$13.12
DS-1	\$64.08 / \$44.98	\$14.58 / \$13.23
DS-3	\$61.07 / \$43.08	\$16.66 / \$13.49

- (5) **Co-Carrier Cross-Connect:** As stated in Section 1.2 of the Collocation Attachment, ECI may connect to other CLECs within the designated Premises in addition to, and not in lieu of, interconnection to BellSouth services and facilities. Where BellSouth must construct a cable rack structure to house the co-Carrier cross connection, construction charges will be applied on an individual case basis as described in Section 5.6.1 of the Collocation Attachment. BellSouth shall provide an estimate of these charges in the Application Response. Where an existing cable rack structure is in place and has sufficient capacity to accommodate the co-Carrier cross connection requested, the recurring charges as stated in this Exhibit A shall apply.
- (6) **Additional Engineering Fee:** BellSouth's additional engineering, and other labor costs associated with handling ECI-requested modifications to requests in progress or augmentations to existing arrangements shall be recovered as Additional Engineering charges, under provisions in BellSouth's F.C.C. Number 1 Tariff, Sections 13.1 and 13.2. Should Additional Engineering rates not be included, ECI agrees not to make changes to collocation arrangement after a Bona Fide Firm Order is submitted.

**EXHIBIT A: BELLSOUTH/ECI RATES – FLORIDA**  
**PHYSICAL COLLOCATION**

**Rates marked with an asterisk (\*) are interim and are subject to true-up**

USOC	Rate Element Description	Unit	Recurring Rate (RC)	Non-Recurring Rate (NRC)
PE1BA	Application Fee	Per request	\$15.53	\$3,248.00
PE1CA	Subsequent Application Fee ( <b>Note 1</b> )	Per request	NA	\$1,600.00 Minimum
PE1BB	Space Preparation Fee ( <b>Note 2</b> ) Mechanical / HVAC*	Per ton (one ton minimum)		\$2,400.00
PE1SB	Ground Bar*	Per connection		\$720.00
PE1SC	Project Management*	Per arrangement		\$1,675.00
PE1SD	Cable Racking / Fiber Duct	Per arrangement, sq. ft.		ICB
PE1SE	Frame / Aisle Lighting	Per arrangement, sq. ft.		ICB
PE1S	Framework Ground Conductors	Per arrangement		ICB
PE1SH	Extraordinary Modifications	Per arrangement		ICB
PE1BW	Space Enclosure ( <b>Note 3</b> ) Wire Cage	Per first 100 sq. ft.	\$41.99	NA
PE1BC	Gypsum Board Cage	Per first 100 sq. ft.	\$84.10	NA
PE1BF	Fire Rated Cage	Per first 100 sq. ft.	\$99.73	NA
PE1CW	Wire Cage	Per add'l 50 sq. ft.	\$4.14	NA
PE1CC	Gypsum Board Cage	Per add'l 50 sq. ft.	\$9.35	NA
PE1CF	Fire Rated Cage	Per add'l 50 sq. ft.	\$11.30	NA
PE1PJ	Floor Space	Per sq. ft.	\$4.25	NA
PE1BD	Cable Installation	Per cable	\$2.77	\$1,056.00
PE1PM	Cable Support Structure		\$22.94	NA
PE1PL	Power -48V DC Power	Per amp	\$6.95	ICB
PE1FB	120V AC Power single phase*	Per breaker amp	\$5.50	ICB
PE1FD	240V AC Power single phase*	Per breaker amp	\$11.00	ICB
PE1FE	120V AC Power three phase*	Per breaker amp	\$16.50	ICB
PE1FG	277 AC Power three phase*	Per breaker amp	\$38.20	ICB
PE1P2	Cross Connects ( <b>Note 4</b> ) 2-wire	Per cross connect	\$0.0524	\$11.57
PE1P4	4-wire		\$0.0524	\$11.57

FLORIDA (continued)				
USOC	Rate Element Description	Unit	Recurring Rate (RC)	Non-Recurring Rate (NRC)
PE11S	Cross Connects (continued)	Per cross connect		
PE1P1	DS-1/DCS		\$8.085	\$69.64
PE13S	DS-1/DSX		\$4.110	\$69.64
PE13X	DS-3/DCS		\$56.97	\$528.00
PE1F2	DS-3/DSX		\$10.06	\$528.00
	Optical Cross Connects		\$6.46	\$2,431.00
	Co-Carrier Cross-Connect ( <b>Note 5</b> )			
PE1ES	Fiber Cable Support Structure, existing	Per linear ft.	\$0.06	NA
PE1DS	Copper or Coaxial Cable Support Structure, existing	Per linear ft.	\$0.03	NA
Copper (TBD)	Cable Support Structure Construction, new	Per new construction	NA	ICB
PE1AX	Security Access System Security System*	Per premises	\$52.00	
	New Access Card Activation*	Per request 5 cards	NA	\$85.12
PE1AA	Administrative change, existing card*	Per card		\$35.00
PE1AR	Replace lost or stolen card*	Per card		\$250.00
PE1SR	Space Availability Report*	Per premises requested		\$550.00
	POT Bay ( <b>Note 6</b> )		NA	NA
AEH	Additional Engineering Fee ( <b>Note 7</b> )	Per request, First half hour/add'l half hour		First/Add'l Basic Time \$31.00/\$22.00 Overtime \$37.00/\$26.00
PE1BT	Security Escort Basic Time	Per ¼ hour	NA	\$10.89
PE1OT	Overtime		NA	\$13.64
PE1PT	Premium Time		NA	\$16.40

**EXHIBIT A: BELL SOUTH/ECI RATES – FLORIDA**  
**PHYSICAL COLLOCATION (continued)**

**Note(s):**

N/A refers to rate elements which do not have a negotiated rate.

- (1) **Subsequent Application Fee:** BellSouth requires the submission of an Application Fee for modifications to an existing arrangement. However, when the modifications do not require BellSouth to expend capital, BellSouth will assess the Subsequent Application Fee in lieu of the Application Fee. Proposed modifications that could result in assessment of a Subsequent Application Fee would cause BellSouth to analyze the following but are not limited to: floor loading changes, changes to HVAC requirements, power requirement changes which may result in a power plant upgrade, environmental or safety requirements, or equipment relocation. Should the Subsequent Application Fee not be included as part of this Attachment, ECI will be assessed the full Application Fee for all subsequent activity for completed arrangements.
- (2) **Space Preparation Fee:** The Space Preparation Fee is a one-time fee, assessed per arrangement, per location. It recovers costs associated with the shared physical collocation area within a Premises, which include survey, engineering, design and modification costs for network, building and support systems. BellSouth will pro rate the total shared space preparation costs among the collocators at each location based on the amount of square footage occupied by each collocator. This charge may vary depending on the location and type of arrangement requested.
- (3) **Space Enclosure Fee:** The Space Enclosure Construction Fee is a monthly recurring fee, assessed per enclosure, per location with a one-hundred (100) square foot minimum enclosure. It recovers costs associated with providing an optional equipment arrangement enclosure, which include architectural and engineering fees, materials, and installation costs. The cost for additional square feet is applicable only when ordered with the first 100 square feet and must be requested in fifty (50) square foot increments. ECI may, at its option, arrange with a BellSouth Certified Contractor to construct the space enclosure in accordance with BellSouth's guidelines and specifications. In this event, the BellSouth Certified Contractor shall directly bill ECI for the space enclosure, and this fee shall not be applicable.
- (4) **Cross Connects:** Rates shown are the equivalent per cross connect rates based on the Florida PSC Ordered rates as follows:

<u>Cross Connects</u>	<u>Per Cross Connect</u>	<u>RC</u>	<u>NRC</u>
2-wire	Per 100 X-Connects	\$5.24	\$1,157.00
4-wire	Per 100 X-Connects	\$5.24	\$1,157.00
DS-1/DCS	Per 28 X-Connects	\$226.39	\$1,950.00
DS-1/DSX	Per 28 X-Connects	\$11.51	\$1,950.00
DS-3/DCS	Per Cross Connect	\$56.97	\$ 528.00
DS-3/DSX	Per Cross Connect	\$10.06	\$528.00
Optical Cross Connects	Per Cross Connect	\$6.46	\$2,431.00

**EXHIBIT A: BELL SOUTH/ECI RATES – FLORIDA**  
**PHYSICAL COLLOCATION (continued)**

- (5) **Co-Carrier Cross-Connect.** As stated in Section 5 of the Collocation Attachment, ECI may connect to other CLECs within the designated Premises in addition to, and not in lieu of, interconnection to BellSouth services and facilities. Where BellSouth must construct a cable rack structure to house the direct connection, construction charges will be applied on an individual case basis as described in Section 5.6.1 of the Collocation Attachment. BellSouth shall provide an estimate of these charges in the Application Response. Where an existing cable rack structure is in place and has sufficient capacity to accommodate the direct connection requested, the recurring charges as stated in this Exhibit A shall apply.
- (6) **POT Bays:** BellSouth's Florida specific rates were established in the Florida Public Service Commission Docket No. 960833. The Commission did not set permanent rates for POT Bays, given the assumption by the Parties to the Proceeding that they will always provide their own POT Bays. It will be necessary for ECI to provide its own POT Bays per BellSouth specifications and provide the necessary information from which BellSouth can inventory.
- (7) **Additional Engineering Fee:** BellSouth's additional engineering, and other labor costs associated with handling ECI-requested modifications to requests in progress or augmentations to existing arrangements shall be recovered as Additional Engineering charges, under provisions in BellSouth's F.C.C. Number 1 Tariff, Sections 13.1 and 13.2. Should Additional Engineering rates not be included, ECI agrees not to make changes to collocation arrangement after a Bona Fide Firm Order is submitted.

**EXHIBIT A: BELLSOUTH/ECI RATES – GEORGIA**  
**PHYSICAL COLLOCATION**

**Rates marked with an asterisk (\*) are interim and subject to true-up**

USOC	Rate Element Description	Unit	Recurring Rate (RC)	Non-Recurring Rate (NRC)
PE1BA	Application Fee	Per request	NA	\$3,850.00
PE1CA	Subsequent Application Fee ( <b>Note 1</b> )	Per request	NA	\$1,600.00 Minimum
PE1BB	Space Preparation Fee ( <b>Note 2</b> )	Per sq. ft.	NA	\$100.00
PE1BW	Space Enclosure ( <b>Note 3</b> ) Welded Wire-mesh	Per first 100 sq. ft.	\$170.64	NA
PE1CW	Welded Wire-mesh	Per add'l 50 sq. ft.	\$17.33	NA
PE1PJ	Floor Space Zone A	Per sq. ft.	\$7.50	NA
PE1PK	Zone B	Per sq. ft.	\$6.75	NA
PE1BD	Cable Installation	Per cable	NA	\$2,750.00
PE1PM	Cable Support Structure	Per entrance cable	\$13.35	NA
PE1PL	Power -48V DC Power	Per amp	\$5.00	ICB
PE1FB	120V AC Power single phase*	Per breaker amp	\$5.50	ICB
PE1FD	240V AC Power single phase*	Per breaker amp	\$11.00	ICB
PE1FE	120V AC Power three phase*	Per breaker amp	\$16.50	ICB
PE1FG	277 AC Power three phase*	Per breaker amp	\$38.20	ICB
PE1P2	Cross Connects 2-wire	Per cross connect	\$0.30	First/Add'l \$12.60/\$12.60
PE1P4	4-wire		\$0.50	\$12.60/\$12.60
PE1P1	DS-1		\$8.00	\$155.00/\$27.00
PE1P3	DS-3		\$72.00	\$155.00/\$27.00
PE1F2	2-fiber		\$15.64	\$41.56/\$29.82
PE1F4	4-fiber		\$28.11	\$50.53/\$38.78
PE1ES	Co-Carrier Cross-Connect (Note 4) Fiber Cable Support Structure, existing	Per linear ft.	\$0.06	NA
PE1DS	Copper or Coaxial Cable Support Structure, existing	Per linear ft.	\$0.03	NA
(TBD)	Cable Support Structure Construction, new	Per new construction	NA	ICB

GEORGIA (continued)				
USOC	Rate Element Description	Unit	Recurring Rate (RC)	Non-Recurring Rate (NRC)
PE1AX	Security Access System Security System*	Per premises	\$52.00	
PE1AA	New Access Card Activation*	Per card		\$55.00
	Administrative change, existing card*	Per card		\$35.00
PE1AR	Replace lost or stolen card*	Per card		\$250.00
PE1SR	Space Availability Report*	Per premises requested		\$550.00
PE1PE	POT Bay Arrangements <i>Prior to 6/1/99</i> 2-Wire Cross-Connect	Per cross-connect	\$0.40	NA
PE1PF	4-Wire Cross-Connect		\$1.20	NA
PE1PG	DS1 Cross-Connect		\$1.20	NA
PE1PH	DS3 Cross-Connect		\$8.00	NA
PE1B2	2 Fiber Cross-Connect		\$38.79	NA
PE1B4	4 Fiber Cross-Connect		\$52.31	NA
AEH	Additional Engineering Fee ( <b>Note 5</b> )	Per request, First half hour/add'l half hour		First/Add'l Basic Time \$31.00/\$22.00 Overtime \$37.00/\$26.00
PE1BT	Security Escort Basic Time	Per half hr./Add'l half hr.	NA	\$41.00/\$25.00
PE1OT	Overtime		NA	\$48.00/\$30.00
PE1PT	Premium Time		NA	\$55.00/\$35.00

**Note(s)**

N/A refers to rate elements which do not have a negotiated rate.

- (1) **Subsequent Application Fee:** BellSouth requires the submission of an Application Fee for modifications to an existing arrangement. However, when the modifications do not require BellSouth to expend capital, BellSouth will assess the Subsequent Application Fee in lieu of the Application Fee. Proposed modifications that could result in assessment of a Subsequent Application Fee would cause BellSouth to analyze the following but are not limited to: floor loading changes, changes to HVAC requirements, power requirement changes which may result in a power plant upgrade, environmental or safety requirements, or equipment relocation. Should the Subsequent Application Fee not be included as part of this Attachment, ECI will be assessed the full Application Fee for all subsequent activity for completed arrangements.



**EXHIBIT A: BELL SOUTH/ECI RATES – GEORGIA**  
**PHYSICAL COLLOCATION (continued)**

- (2) **Space Preparation Fee:** The Space Preparation Fee is a one-time fee, assessed per arrangement, per location. It recovers a portion of costs associated with the shared physical collocation area within a Premises, which include survey, engineering, design and modification costs for network, building and support systems. This is a set fee of \$100 per square foot as established by the Georgia Public Service Commission Order in Docket No. 7061-U. In the event ECI opts for non-enclosed space, the space preparation fee will be assessed based on the total floor space dedicated to ECI as prescribed in Section 7 of the Collocation Attachment.
- (3) **Space Enclosure Fee:** The Space Enclosure Construction Fee is a one-time fee, assessed per enclosure, per location with a one-hundred (100) square foot minimum enclosure. It recovers costs associated with providing an optional equipment arrangement enclosure, which include architectural and engineering fees, materials, and installation costs. The cost for additional square feet is applicable only when ordered with the first 100 square feet and must be requested in fifty (50) square foot increments. ECI may, at its option, arrange with a BellSouth Certified Contractor to construct the space enclosure in accordance with BellSouth's guidelines and specifications. In this event, the BellSouth Certified Contractor shall directly bill ECI for the space enclosure, and this fee shall not be applicable.
- (4) **Co-Carrier Cross-Connect.** As stated in Section 5 of the Collocation Attachment, ECI may connect to other CLECs within the designated Premises in addition to, and not in lieu of, interconnection to BellSouth services and facilities. Where BellSouth must construct a cable rack structure to house the co-Carrier cross connection, construction charges will be applied on an individual case basis as described in Section 5.6.1 of the Collocation Attachment. BellSouth shall provide an estimate of these charges in the Application Response. Where an existing cable rack structure is in place and has sufficient capacity to accommodate the co-Carrier cross-connection requested, the recurring charges as stated in this Exhibit A shall apply.
- (5) **Additional Engineering Fee:** BellSouth's additional engineering, and other labor costs associated with handling ECI-requested modifications to requests in progress or augmentations to existing arrangements shall be recovered as Additional Engineering charges, under provisions in BellSouth's F.C.C. Number 1 Tariff, Sections 13.1 and 13.2. Should Additional Engineering rates not be included, ECI agrees not to make changes to collocation arrangement after a Bona Fide Firm Order is submitted.

**EXHIBIT A: BELLSOUTH/ECI RATES – KENTUCKY**  
**PHYSICAL COLLOCATION**

**Rates marked with an asterisk (\*) are interim and are subject to true-up.**

USOC	Rate Element Description	Unit	Recurring Rate (RC)	Non-Recurring Rate (NRC)
PE1BA	Application Fee	Per request	NA	\$9,926.72
PE1CA	Subsequent Application Fee ( <b>Note 1</b> )	Per request	NA	\$1,600.00 Minimum
PE1BB	Space Preparation Fee ( <b>Note 2</b> ) Mechanical / HVAC*	Per ton (one ton minimum)		\$2,400.00
PE1SB	Ground Bar*	Per connection		\$720.00
PE1SC	Project Management*	Per arrangement		\$1,675.00
PE1SD	Cable Racking / Fiber Duct	Per arrangement, sq. ft.		ICB
PE1SE	Frame / Aisle Lighting	Per arrangement, sq. ft.		ICB
PE1S	Framework Ground Conductors	Per arrangement		ICB
PE1SH	Extraordinary Modifications	Per arrangement		ICB
PE1BW	Space Enclosure ( <b>Note 3</b> ) Welded Wire-mesh	Per first 100 sq. ft.	\$201.02	NA
PE1CW	Welded Wire-mesh	Per add'l 50 sq. ft.	\$20.42	NA
PE1PJ	Floor Space	Per sq. ft.	\$5.00	NA
PE1BD	Cable Installation	Per cable	NA	\$2,327.08
PE1PM	Cable Support Structure	Per entrance cable	\$24.23	NA
PE1PL	Power -48V DC Power	Per amp	\$7.68	ICB
PE1FB	120V AC Power single phase*	Per breaker amp	\$5.50	ICB
PE1FD	240V AC Power single phase*	Per breaker amp	\$11.00	ICB
PE1FE	120V AC Power three phase*	Per breaker amp	\$16.50	ICB
PE1FG	277 AC Power three phase*	Per breaker amp	\$38.20	ICB
PE1P2	Cross Connects 2-wire	Per cross connect	\$0.31	First/Add'l \$54.21/\$51.07
PE1P4	4-wire		\$0.62	\$54.23/\$50.96
PE1P1	DS-1		\$1.92	\$99.23/\$69.15
PE1P3	DS-3		\$39.94	\$97.48/\$66.90
PE1F2	2-fiber		\$15.64	\$41.56/\$29.82
PE1F4	4-fiber		\$28.11	\$50.53/\$38.78

<b>KENTUCKY (continued)</b>				
<b>USOC</b>	<b>Rate Element Description</b>	<b>Unit</b>	<b>Recurring Rate (RC)</b>	<b>Non-Recurring Rate (NRC)</b>
	Co-Carrier Cross-Connect ( <b>Note 4</b> )			
PE1ES Fiber	Fiber Cable Support Structure, existing	Per linear ft.	\$0.06	NA
PE1DS Copper	Copper or Coaxial Cable Support Structure, existing	Per linear ft.	\$0.03	NA
(TBD)	Cable Support Structure Construction, new	Per new construction	NA	ICB
PE1AX	Security Access System Security System*	Per premises	\$52.00	
PE1AA	New Access Card Activation	Per card		\$55.00
	Administrative change, existing card	Per card		\$35.00
PE1AR	Replace lost or stolen card	Per card		\$250.00
PE1SR	Space Availability Report	Per premises requested		\$550.00
PE1PE	POT Bay Arrangements <i>Prior to 6/1/99</i>	Per cross-connect		
PE1PF	2-Wire Cross-Connect		\$0.06	NA
PE1PG	4-Wire Cross-Connect		\$0.15	NA
PE1PH	DS1 Cross-Connect		\$0.58	NA
PE1B2	DS3 Cross-Connect		\$4.51	NA
PE1B4	2 Fiber Cross-Connect		\$38.79	NA
	4 Fiber Cross-Connect		\$52.31	NA
PE1BT	Security Escort	Per half hr./Add'l half hr.		
PE1OT	Basic Time		NA	\$56.09/\$31.99
PE1PT	Overtime		NA	\$67.75/\$39.00
	Premium Time		NA	\$79.41/\$46.01
AEH	Additional Engineering Fee ( <b>Note 5</b> )	Per request, first half hr/add'l half hr.		First/Add'l Basic Time \$31.00/\$22.00 Overtime \$37.00/\$26.00

**EXHIBIT A: BELLSOUTH/ECI RATES – KENTUCKY**  
**PHYSICAL COLLOCATION (continued)**

**Note(s):**

N/A refers to rate elements which do not have a negotiated rate.

- (1) **Subsequent Application Fee:** BellSouth requires the submission of an Application Fee for modifications to an existing arrangement. However, when the modifications do not require BellSouth to expend capital, BellSouth will assess the Subsequent Application Fee in lieu of the Application Fee. Proposed modifications that could result in assessment of a Subsequent Application Fee would cause BellSouth to analyze the following but are not limited to: floor loading changes, changes to HVAC requirements, power requirement changes which may result in a power plant upgrade, environmental or safety requirements, or equipment relocation. Should the Subsequent Application Fee not be included as part of this Attachment, ECI will be assessed the full Application Fee for all subsequent activity for completed arrangements.
- (2) **Space Preparation Fee:** The Space Preparation Fee is a one-time fee, assessed per arrangement, per location. It recovers the costs associated with the shared physical collocation area within a Premises, which include survey, engineering, design and modification costs for network, building and support systems. In the event ECI opts for non-enclosed space, the space preparation fee will be assessed based on the total floor space dedicated to ECI as prescribed in Section 7 of the Collocation Attachment.
- (3) **Space Enclosure Fee:** The Space Enclosure Construction Fee is a one-time fee, assessed per enclosure, per location with a one-hundred (100) square foot minimum enclosure. It recovers costs associated with providing an optional equipment arrangement enclosure, which include architectural and engineering fees, materials, and installation costs. The cost for additional square feet is applicable only when ordered with the first 100 square feet and must be requested in fifty (50) square foot increments. ECI may, at its option, arrange with a BellSouth Certified Contractor to construct the space enclosure in accordance with BellSouth's guidelines and specifications. In this event, the BellSouth Certified Contractor shall directly bill ECI for the space enclosure, and this fee shall not be applicable.
- (4) **Co-Carrier Cross-Connect.** As stated in Section 5 of the Collocation Attachment, ECI may connect to other CLECs within the designated Premises in addition to, and not in lieu of, interconnection to BellSouth services and facilities. Where BellSouth must construct a cable rack structure to house the co-Carrier cross-connection, construction charges will be applied on an individual case basis as described in Section 5.6.1 of the Collocation Attachment. BellSouth shall provide an estimate of these charges in the Application Response. Where an existing cable rack structure is in place and has sufficient capacity to accommodate the co-Carrier cross-connection requested, the recurring charges as stated in this Exhibit A shall apply.

**EXHIBIT A: BELLSOUTH/ECI RATES – KENTUCKY**  
**PHYSICAL COLLOCATION (continued)**

- (5) **Additional Engineering Fee:** BellSouth's additional engineering, and other labor costs associated with handling ECI-requested modifications to requests in progress or augmentations to existing arrangements shall be recovered as Additional Engineering charges, under provisions in BellSouth's F.C.C. Number 1 Tariff, Sections 13.1 and 13.2. Should Additional Engineering rates not be included, ECI agrees not to make changes to collocation arrangement after a Bona Fide Firm Order is submitted.

**EXHIBIT A: BELLSOUTH/ECI RATES – LOUISIANA**  
**PHYSICAL COLLOCATION**

**Rates marked with an asterisk (\*) are interim and are subject to true-up.**

USOC	Rate Element Description	Unit	Recurring Rate (RC)	Non-Recurring Rate (NRC)
PE1BA	Application Fee	Per request	NA	\$4,910.00
PE1CA	Subsequent Application Fee ( <b>Note 1</b> )	Per request	NA	\$1,600.00 Minimum
PE1BB	Space Preparation Fee ( <b>Note 2</b> ) Mechanical / HVAC*	Per ton (one ton minimum)		\$2,400.00
PE1SB	Ground Bar*	Per connection		\$720.00
PE1SC	Project Management*	Per arrangement		\$1,675.00
PE1SD	Cable Racking / Fiber Duct	Per arrangement, sq. ft.		ICB
PE1SE	Frame / Aisle Lighting	Per arrangement, sq. ft.		ICB
PE1S	Framework Ground Conductors	Per arrangement		ICB
PE1SH	Extraordinary Modifications	Per arrangement		ICB
PE1BW	Space Enclosure ( <b>Note 3</b> ) Welded Wire-mesh	Per first 100 sq. ft.	\$197.55	NA
PE1CW	Welded Wire-mesh	Per add'l 50 sq. ft.	\$20.07	NA
PE1PJ	Floor Space	Per sq. ft.	\$4.01	NA
PE1BD	Cable Installation	Per cable	NA	\$1,706.00 Disconnect charge \$36.00
PE1PM	Cable Support Structure	Per entrance cable	\$24.05	NA
PE1PL	Power -48V DC Power	Per amp	\$7.15	ICB
PE1FB	120V AC Power single phase*	Per breaker amp	\$5.50	ICB
PE1FD	240V AC Power single phase*	Per breaker amp	\$11.00	ICB
PE1FE	120V AC Power three phase*	Per breaker amp	\$16.50	ICB
PE1FG	277 AC Power three phase*	Per breaker amp	\$38.20	ICB
PE1P2	Cross Connects ( <b>Note 4</b> ) 2-wire	Per cross connect	\$0.26	First/Add'l \$23.04/\$22.11
PE1P4	4-wire		\$0.52	\$23.23/\$22.24
PE1P1	DS-1		\$2.03	\$43.61/\$30.60
PE1P3	DS-3		\$36.27	\$41.46/\$29.20

LOUISIANA (continued)				
USOC	Rate Element Description	Unit	Recurring Rate (RC)	Non-Recurring Rate (NRC)
PE1F2	Cross Connects (continued)	Per cross connect		First/Add'l
	2-fiber		\$19.13	\$41.07/\$29.63
PE1F4	4-fiber		\$34.38	\$49.81/\$38.37
				Disconnect Charges
				First/Add'l
	2-wire			\$9.48/\$8.54
	4-wire			\$9.53/\$8.55
	DS-1			\$9.56/\$8.63
	DS-3			\$11.06/\$8.86
	2-fiber			\$12.84/\$10.29
	4-fiber			\$16.75/\$14.20
PE1ES	Co-Carrier Cross-Connect ( <b>Note 5</b> )			
Fiber	Fiber Cable Support Structure, existing	Per linear ft.	\$0.06	NA
PE1DS	Copper or Coaxial Cable Support Structure, existing	Per linear ft.	\$0.03	NA
Copper (TBD)	Cable Support Structure Construction, new	Per new construction	NA	ICB
PE1AX	Security Access System Security System*	Per premises	\$52.00	
	New Access Card Activation*	Per card		\$55.00
PE1AA	Administrative change, existing card*	Per card		\$35.00
PE1AR	Replace lost or stolen card	Per card		\$250.00
PE1SR	Space Availability Report*	Per premises requested		\$550.00
	POT Bay Arrangements <i>Prior to 6/1/99</i>	Per cross-connect		
PE1PE	2-Wire Cross-Connect		\$0.0776	NA
PE1PF	4-Wire Cross-Connect		\$0.1552	NA
PE1PG	DS1 Cross-Connect		\$0.6406	NA
PE1PH	DS3 Cross-Connect		\$4.75	NA
PE1B2	2 Fiber Cross-Connect		\$47.44	NA
PE1B4	4 Fiber Cross-Connect		\$63.97	NA

LOUISIANA (continued)				
USOC	Rate Element Description	Unit	Recurring Rate (RC)	Non-Recurring Rate (NRC)
	Security Escort	Per half hr./Add'l half hr.		
PE1BT	Basic Time		NA	\$32.35/\$19.95
PE1OT	Overtime		NA	\$40.50/\$25.00
PE1PT	Premium Time		NA	\$48.66/\$30.05
AEH	Additional Engineering Fee ( <b>Note 6</b> )	Per request, first half hr/add'l half hr.		First/Add'l Basic Time \$31.00/\$22.00 Overtime \$37.00/\$26.00

**Note(s):**

N/A refers to rate elements which do not have a negotiated rate.

- (1) **Subsequent Application Fee:** BellSouth requires the submission of an Application Fee for modifications to an existing arrangement. However, when the modifications do not require BellSouth to expend capital, BellSouth will assess the Subsequent Application Fee in lieu of the Application Fee. Proposed modifications that could result in assessment of a Subsequent Application Fee would cause BellSouth to analyze the following but are not limited to: floor loading changes, changes to HVAC requirements, power requirement changes which may result in a power plant upgrade, environmental or safety requirements, or equipment relocation. Should the Subsequent Application Fee not be included as part of this Attachment, ECI will be assessed the full Application Fee for all subsequent activity for completed arrangements.
- (2) **Space Preparation Fee:** The Space Preparation Fee is a one-time fee, assessed per arrangement, per location. It recovers the costs associated with the shared physical collocation area within a Premises, which include survey, engineering, design and modification costs for network, building and support systems. In the event ECI opts for non-enclosed space, the space preparation fee will be assessed based on the total floor space dedicated to ECI as prescribed in Section 7 of the Collocation Attachment.
- (3) **Space Enclosure Fee:** The Space Enclosure Construction Fee is a monthly recurring fee, assessed per enclosure, per location with a one-hundred (100) square foot minimum enclosure. It recovers costs associated with providing an optional equipment arrangement enclosure, which include architectural and engineering fees, materials, and installation costs. The cost for additional square feet is applicable only when ordered with the first 100 square feet and must be requested in fifty (50) square foot increments. ECI may, at its option, arrange with a BellSouth Certified Contractor to construct the space enclosure in accordance with BellSouth's guidelines and specifications. In this event, the BellSouth Certified Contractor shall directly bill ECI for the space enclosure, and this fee shall not be applicable.



**EXHIBIT A: BELLSOUTH/ECI RATES – LOUISIANA**  
**PHYSICAL COLLOCATION (continued)**

- (4) **Cross Connects:** The charges for cross connects are for orders placed electronically. Cross connect elements may also be ordered manually for which there is an additional charge per element.

	First / Additional	Disconnect Charges First / Additional
2-wire	\$24.92/\$23.99	\$10.56/\$9.62
4-wire	\$25.11/\$24.12	\$10.61/\$9.63
DS-1	\$45.49/\$32.48	\$10.64/\$9.71
DS-3	\$43.34/\$31.08	\$12.14/\$9.94

- (5) **Co-Carrier Cross-Connect.** As stated in Section 5 of the Collocation Attachment, ECI may connect to other CLECs within the designated Premises in addition to, and not in lieu of, interconnection to BellSouth services and facilities. Where BellSouth must construct a cable rack structure to house the co-Carrier cross-connection, construction charges will be applied on an individual case basis as described in Section 5.6.1 of the Collocation Attachment. BellSouth shall provide an estimate of these charges in the Application Response. Where an existing cable rack structure is in place and has sufficient capacity to accommodate the co-Carrier cross-connection requested, the recurring charges as stated in this Exhibit A shall apply.
- (6) **Additional Engineering Fee:** BellSouth's additional engineering, and other labor costs associated with handling ECI-requested modifications to requests in progress or augmentations to existing arrangements shall be recovered as Additional Engineering charges, under provisions in BellSouth's F.C.C. Number 1 Tariff, Sections 13.1 and 13.2. Should Additional Engineering rates not be included, ECI agrees not to make changes to collocation arrangement after a Bona Fide Firm Order is submitted.

**EXHIBIT A: BELLSOUTH/ECI RATES – MISSISSIPPI**  
**PHYSICAL COLLOCATION**

**Rates marked with an asterisk (\*) are interim and are subject to true-up.**

USOC	Rate Element Description	Unit	Recurring Rate (RC)	Non-Recurring Rate (NRC)
PE1BA	Application Fee	Per request	NA	\$6,993.00 Disconnect Charge \$1.70
PE1CA	Subsequent Application Fee ( <b>Note 1</b> )	Per request	NA	\$1,600.00 Minimum
PE1BB	Space Preparation Fee ( <b>Note 2</b> ) Mechanical / HVAC*	Per ton (one ton minimum)		\$2,400.00
PE1SB	Ground Bar*	Per connection		\$720.00
PE1SC	Project Management*	Per arrangement		\$1,675.00
PE1SD	Cable Racking / Fiber Duct	Per arrangement, sq. ft.		ICB
PE1SE	Frame / Aisle Lighting	Per arrangement, sq. ft.		ICB
PE1S	Framework Ground Conductors	Per arrangement		ICB
PE1SH	Extraordinary Modifications	Per arrangement		ICB
PE1BW	Space Enclosure ( <b>Note 3</b> ) Welded Wire-mesh	Per first 100 sq. ft.	\$205.08	NA
PE1CW	Welded Wire-mesh	Per add'l 50 sq. ft.	\$20.83	NA
PE1PJ	Floor Space	Per sq. ft.	\$3.45	
PE1BD	Cable Installation	Per cable	NA	\$2,419.00 Disconnection charge \$53.24
PE1PM	Cable Support Structure	Per entrance cable	\$22.90	NA
PE1PL	Power -48V DC Power	Per amp	\$6.93	ICB
PE1FB	120V AC Power single phase*	Per breaker amp	\$5.50	ICB
PE1FD	240V AC Power single phase*	Per breaker amp	\$11.00	ICB
PE1FE	120V AC Power three phase*	Per breaker amp	\$16.50	ICB
PE1FG	277 AC Power three phase*	Per breaker amp	\$38.20	ICB
PE1P2	Cross Connects ( <b>Note 4</b> ) 2-wire	Per cross connect	\$1.3996	First/Add'l \$30.93/\$29.59
PE1P4	4-wire		\$1.7992	\$31.17/\$29.77

MISSISSIPPI (continued)				
USOC	Rate Element Description	Unit	Recurring Rate (RC)	Non-Recurring Rate (NRC)
PE1P1	Cross Connects (continued)	Per cross connect		First/Add'l
	DS-1		\$2.90	\$60.42/\$41.68
PE1P3	DS-3		\$53.31	\$57.45/\$39.81
PE1F2	2-fiber		\$15.64	\$41.56/\$29.82
PE1F4	4-fiber		\$28.11	\$50.53/\$38.78
				Disconnect Charges
				First/Add'l
	2-wire			\$12.76/\$11.43
	4-wire			\$12.83/\$11.43
	DS-1			\$12.87/\$11.54
	DS-3			\$14.92/\$11.80
	2-fiber			\$12.96/\$10.34
	4-fiber			\$16.97/\$14.35
PE1ES	Co-Carrier Cross-Connect ( <b>Note 5</b> )			
Fiber	Fiber Cable Support Structure, existing	Per linear ft.	\$0.06	NA
PE1DS	Copper or Coaxial Cable Support Structure, existing	Per linear ft.	\$0.03	NA
Copper (TBD)	Cable Support Structure Construction, new	Per new construction	NA	ICB
PE1AX	Security Access System Security System*	Per premises	\$52.00	
	New Access Card Activation*	Per card		\$55.00
PE1AA	Administrative change, existing card*	Per card		\$35.00
PE1AR	Replace lost or stolen card	Per card		\$250.00
PE1SR	Space Availability Report*	Per premises requested		\$550.00
	POT Bay Arrangements	Per cross-connect		
	<i>Prior to 6/1/99</i>			
PE1PE	2-Wire Cross-Connect		\$0.1195	NA
PE1PF	4-Wire Cross-Connect		\$0.2389	NA
PE1PG	DS1 Cross-Connect		\$0.9862	NA
PE1PH	DS3 Cross-Connect		\$5.81	NA
PE1B2	2 Fiber Cross-Connect		\$38.79	NA
PE1B4	4 Fiber Cross-Connect		\$52.31	NA

MISSISSIPPI (continued)				
USOC	Rate Element Description	Unit	Recurring Rate (RC)	Non-Recurring Rate (NRC)
	Security Escort	Per half hr./Add'l half hr.		
PE1BT	Basic Time		NA	\$42.87/\$25.54
PE1OT	Overtime		NA	\$54.43/\$32.41
PE1PT	Premium Time		NA	\$65.99/\$39.28
AEH	Additional Engineering Fee ( <b>Note 6</b> )	Per request, first half hr/add'l half hr.		First/Add'l Basic Time \$31.00/\$22.00 Overtime \$37.00/\$26.00

**Note(s):**

N/A refers to rate elements which do not have a negotiated rate.

- (1) **Subsequent Application Fee:** BellSouth requires the submission of an Application Fee for modifications to an existing arrangement. However, when the modifications do not require BellSouth to expend capital, BellSouth will assess the Subsequent Application Fee in lieu of the Application Fee. Proposed modifications that could result in assessment of a Subsequent Application Fee would cause BellSouth to analyze the following but are not limited to: floor loading changes, changes to HVAC requirements, power requirement changes which may result in a power plant upgrade, environmental or safety requirements, or equipment relocation. Should the Subsequent Application Fee not be included as part of this Attachment, ECI will be assessed the full Application Fee for all subsequent activity for completed arrangements.
- (2) **Space Preparation Fee:** The Space Preparation Fee is a one-time fee, assessed per arrangement, per location. It recovers the costs associated with the shared physical collocation area within a Premises, which include survey, engineering, design and modification costs for network, building and support systems. In the event ECI opts for non-enclosed space, the space preparation fee will be assessed based on the total floor space dedicated to ECI as prescribed in Section 7 of the Collocation Attachment.
- (3) **Space Enclosure Fee:** The Space Enclosure Construction Fee is a monthly recurring fee, assessed per enclosure, per location with a one-hundred (100) square foot minimum enclosure. It recovers costs associated with providing an optional equipment arrangement enclosure, which include architectural and engineering fees, materials, and installation costs. The cost for additional square feet is applicable only when ordered with the first 100 square feet and must be requested in fifty (50) square foot increments. ECI may, at its option, arrange with a BellSouth Certified Contractor to construct the space enclosure in accordance with BellSouth's guidelines and specifications. In this event, the BellSouth Certified Contractor shall directly bill ECI for the space enclosure, and this fee shall not be applicable.

**EXHIBIT A: BELL SOUTH/ECI RATES – MISSISSIPPI**  
**PHYSICAL COLLOCATION (continued)**

- (4) **Cross Connects:** The charges for cross connects are for orders placed electronically. Cross connect elements may also be ordered manually for which there is an additional charge per element.

		Disconnect Charges
	First / Additional	First / Additional
2-wire	\$33.58 / \$32.24	\$14.27 / \$12.94
4-wire	\$33.82 / \$32.42	\$14.34 / \$12.94
DS-1	\$63.07 / \$44.33	\$14.38 / \$13.05
DS-3	\$60.10 / \$42.46	\$16.43 / \$13.31

- (5) **Co-Carrier Cross-Connect.** As stated in Section 5 of the Collocation Attachment, ECI may connect to other CLECs within the designated Premises in addition to, and not in lieu of, interconnection to BellSouth services and facilities. Where BellSouth must construct a cable rack structure to house the co-Carrier cross-connection, construction charges will be applied on an individual case basis as described in Section 5.6.1 of the Collocation Attachment. BellSouth shall provide an estimate of these charges in the Application Response. Where an existing cable rack structure is in place and has sufficient capacity to accommodate the co-Carrier cross-connection requested, the recurring charges as stated in this Exhibit A shall apply.
- (6) **Additional Engineering Fee:** BellSouth's additional engineering, and other labor costs associated with handling ECI-requested modifications to requests in progress or augmentations for existing arrangements shall be recovered as Additional Engineering charges, under provisions in BellSouth's F.C.C. Number 1 Tariff, Sections 13.1 and 13.2. Should Additional Engineering rates not be included, ECI agrees not to make changes to collocation arrangement after a Bona Fide Firm Order is submitted.

**EXHIBIT A: BELLSOUTH/ECI RATES – NORTH CAROLINA**  
**PHYSICAL COLLOCATION**

**\*Rates are interim and subject to true-up.**

USOC	Rate Element Description	Unit	Recurring Rate (RC)	Non-Recurring Rate (NRC)
PE1BA	Application Fee	Per request	NA	\$3,850.00
PE1CA	Subsequent Application Fee ( <b>Note 1</b> )	Per request	NA	\$1,600.00 Minimum
PE1BB	Space Preparation Fee ( <b>Note 2</b> ) Mechanical / HVAC*	Per ton (one ton minimum)		\$2,400.00
PE1SB	Ground Bar*	Per connection		\$720.00
PE1SC	Project Management*	Per arrangement		\$1,675.00
PE1SD	Cable Racking / Fiber Duct	Per arrangement, sq. ft.		ICB
PE1SE	Frame / Aisle Lighting	Per arrangement, sq. ft.		ICB
PE1S	Framework Ground Conductors	Per arrangement		ICB
PE1SH	Extraordinary Modifications	Per arrangement		ICB
PE1BW	Space Enclosure ( <b>Note 3</b> ) Welded Wire-mesh	Per first 100 sq. ft.	\$146.80	NA
PE1CW	Welded Wire-mesh	Per add'l 50 sq. ft.	\$14.91	NA
PE1PJ	Floor Space	Per sq. ft.	\$7.50	NA
PE1BD	Cable Installation	Per cable	NA	\$2,750.00
PE1PM	Cable Support Structure	Per entrance cable	\$13.35	NA
PE1PL	Power -48V DC Power	Per amp	\$5.00	ICB
PE1FB	120V AC Power single phase*	Per breaker amp	\$5.50	ICB
PE1FD	240V AC Power single phase*	Per breaker amp	\$11.00	ICB
PE1FE	120V AC Power three phase*	Per breaker amp	\$16.50	ICB
PE1FG	277 AC Power three phase*	Per breaker amp	\$38.20	ICB
PE1P2	Cross Connects 2-wire	Per cross connect	\$0.30	First/Add'l \$19.20/\$19.20
PE1P4	4-wire		\$0.50	\$19.20/\$19.20
PE1P1	DS-1		\$8.00	\$155.00/\$27.00
PE1P3	DS-3		\$72.00	\$155.00/\$27.00
PE1F2	2-fiber		\$15.99	\$67.34/\$48.55
PE1F4	4-fiber		\$28.74	\$82.35/\$63.56

NORTH CAROLINA (continued)				
USOC	Rate Element Description	Unit	Recurring Rate (RC)	Non-Recurring Rate (NRC)
PE1ES	Co-Carrier Cross-Connect ( <b>Note 4</b> )			
Fiber	Fiber Cable Support Structure, existing	Per linear ft.	\$0.06	NA
PE1DS	Copper or Coaxial Cable Support Structure, existing	Per linear ft.	\$0.03	NA
Copper (TBD)	Cable Support Structure Construction, new	Per new construction	NA	ICB
PE1AX	Security Access System Security System*	Per premises	\$52.00	
PE1AA	New Access Card Activation* Administrative change, existing card*	Per card Per card		\$55.00 \$35.00
PE1AR	Replace lost or stolen card	Per card		\$250.00
PE1SR	Space Availability Report*	Per premises requested		\$550.00
PE1PE	POT Bay Arrangements <i>Prior to 6/1/99</i> 2-Wire Cross-Connect	Per cross-connect	\$0.40	NA
PE1PF	4-Wire Cross-Connect		\$1.20	NA
PE1PG	DS1 Cross-Connect		\$1.20	NA
PE1PH	DS3 Cross-Connect		\$8.00	NA
PE1B2	2 Fiber Cross-Connect		\$39.67	NA
PE1B4	4 Fiber Cross-Connect		\$53.49	NA
PE1BT	Security Escort Basic Time	Per half hr./Add'l half hr.	NA	\$41.00/\$25.00
PE1OT	Overtime		NA	\$48.00/\$30.00
PE1PT	Premium Time		NA	\$55.00/\$35.00
AEH	Additional Engineering Fee ( <b>Note 5</b> )	Per request, first half hr/add'l half hr.		First/Add'l Basic Time \$31.00/\$22.00 Overtime \$37.00/\$26.00

**EXHIBIT A: BELLSOUTH/ECI RATES – NORTH CAROLINA**  
**PHYSICAL COLLOCATION (continued)**

**Note(s):**

N/A refers to rate elements which do not have a negotiated rate.

- (1) **Subsequent Application Fee:** BellSouth requires the submission of an Application Fee for modifications to an existing arrangement. However, when the modifications do not require BellSouth to expend capital, BellSouth will assess the Subsequent Application Fee in lieu of the Application Fee. Proposed modifications that could result in assessment of a Subsequent Application Fee would cause BellSouth to analyze the following but are not limited to: floor loading changes, changes to HVAC requirements, power requirement changes which may result in a power plant upgrade, environmental or safety requirements, or equipment relocation. Should the Subsequent Application Fee not be included as part of this Attachment, ECI will be assessed the full Application Fee for all subsequent activity for completed arrangements.
- (2) **Space Preparation Fee:** The Space Preparation Fee is a one-time fee, assessed per arrangement, per location. It recovers the costs associated with the shared physical collocation area within a Premises, which include survey, engineering, design and modification costs for network, building and support systems. In the event ECI opts for non-enclosed space, the space preparation fee will be assessed based on the total floor space dedicated to ECI as prescribed in Section 7 of the Collocation Attachment.
- (3) **Space Enclosure Fee:** The Space Enclosure Construction Fee is a monthly recurring fee, assessed per enclosure, per location with a one-hundred (100) square foot minimum enclosure. It recovers costs associated with providing an optional equipment arrangement enclosure, which include architectural and engineering fees, materials, and installation costs. The cost for additional square feet is applicable only when ordered with the first 100 square feet and must be requested in fifty (50) square foot increments. ECI may, at its option, arrange with a BellSouth Certified Contractor to construct the space enclosure in accordance with BellSouth's guidelines and specifications. In this event, the BellSouth Certified Contractor shall directly bill ECI for the space enclosure, and this fee shall not be applicable.
- (4) **Co-Carrier Cross-Connect.** As stated in Section 5 of the Collocation Attachment, ECI may connect to other CLECs within the designated Premises in addition to, and not in lieu of, interconnection to BellSouth services and facilities. Where BellSouth must construct a cable rack structure to house the co-Carrier cross-connection, construction charges will be applied on an individual case basis as described in Section 5.6.1 of the Collocation Attachment. BellSouth shall provide an estimate of these charges in the Application Response. Where an existing cable rack structure is in place and has sufficient capacity to accommodate the co-Carrier cross-connection requested, the recurring charges as stated in this Exhibit A shall apply.



**EXHIBIT A: BELLSOUTH/ECI RATES – NORTH CAROLINA**  
**PHYSICAL COLLOCATION (continued)**

- (5) **Additional Engineering Fee:** BellSouth's additional engineering, and other labor costs associated with handling ECI-requested modifications to requests in progress or augmentations for existing arrangements shall be recovered as Additional Engineering charges, under provisions in BellSouth's F.C.C. Number 1 Tariff, Sections 13.1 and 13.2. Should Additional Engineering rates not be included, ECI agrees not to make changes to collocation arrangement after a Bona Fide Firm Order is submitted.

**EXHIBIT A: BELLSOUTH/ECI RATES – SOUTH CAROLINA**  
**PHYSICAL COLLOCATION**

**Rates marked with an asterisk (\*) are interim and are subject to true-up.**

USOC	Rate Element Description	Unit	Recurring Rate (RC)	Non-Recurring Rate (NRC)
PE1BA	Application Fee	Per request	NA	\$4,850.00
PE1CA	Subsequent Application Fee ( <b>Note 1</b> )	Per request	NA	\$1,600.00 Minimum
PE1BB	Space Preparation Fee ( <b>Note 2</b> ) Mechanical / HVAC*	Per ton (one ton minimum)		\$2,400.00
PE1SB	Ground Bar*	Per connection		\$720.00
PE1SC	Project Management*	Per arrangement		\$1,675.00
PE1SD	Cable Racking / Fiber Duct	Per arrangement, sq. ft.		ICB
PE1SE	Frame / Aisle Lighting	Per arrangement, sq. ft.		ICB
PE1S	Framework Ground Conductors	Per arrangement		ICB
PE1SH	Extraordinary Modifications	Per arrangement		ICB
PE1BW	Space Enclosure ( <b>Note 3</b> ) Welded Wire-mesh	Per first 100 sq. ft.	\$224.60	NA
PE1CW	Welded Wire-mesh	Per add'l 50 sq. ft.	\$22.81	NA
PE1PJ	Floor Space	Per sq. ft.	\$3.90	NA
PE1BD	Cable Installation	Per cable	NA	\$2,217.00
PE1PM	Cable Support Structure	Per entrance cable	\$24.55	NA
PE1PL	Power -48V DC Power	Per amp	\$7.09	ICB
PE1FB	120V AC Power single phase*	Per breaker amp	\$5.50	ICB
PE1FD	240V AC Power single phase*	Per breaker amp	\$11.00	ICB
PE1FE	120V AC Power three phase*	Per breaker amp	\$16.50	ICB
PE1FG	277 AC Power three phase*	Per breaker amp	\$38.20	ICB
PE1P2	Cross Connects ( <b>Note 4</b> ) 2-wire	Per cross connect	\$0.3648	First/Add'l \$41.50/\$38.94
PE1P4	4-wire		\$0.7297	\$41.56/\$38.90
PE1P1	DS-1		\$2.70	\$70.79/\$50.78
PE1P3	DS-3		\$49.24	\$69.60/\$49.14
PE1F2	2-fiber		\$15.06	\$69.28/\$48.89
PE1F4	4-fiber		\$27.08	\$84.07/\$63.68

<b>SOUTH CAROLINA (continued)</b>				
<b>USOC</b>	<b>Rate Element Description</b>	<b>Unit</b>	<b>Recurring Rate (RC)</b>	<b>Non-Recurring Rate (NRC)</b>
PE1ES	Co-Carrier Cross-Connect ( <b>Note 5</b> )			
Fiber	Fiber Cable Support Structure, existing	Per linear ft.	\$0.06	NA
PE1DS	Copper or Coaxial Cable Support Structure, existing	Per linear ft.	\$0.03	NA
Copper	Cable Support Structure Construction, new	Per new construction	NA	ICB
(TBD)				
PE1AX	Security Access System Security System*	Per premises	\$52.00	
PE1AA	New Access Card Activation*	Per card		\$55.00
	Administrative change, existing card*	Per card		\$35.00
PE1AR	Replace lost or stolen card	Per card		\$250.00
PE1SR	Space Availability Report*	Per premises requested		\$550.00
PE1PE	POT Bay Arrangements <i>Prior to 6/1/99</i>	Per cross-connect		
PE1PF	2-Wire Cross-Connect		\$0.1091	NA
PE1PG	4-Wire Cross-Connect		\$0.2181	NA
PE1PH	DS1 Cross-Connect		\$0.9004	NA
PE1B2	DS3 Cross-Connect		\$5.64	NA
PE1B4	2 Fiber Cross-Connect		\$37.36	NA
	4 Fiber Cross-Connect		\$50.38	NA
	Security Escort	Per half hr./Add'l half hr.		
PE1BT	Basic Time		NA	\$43.00/\$25.57
PE1OT	Overtime		NA	\$54.62/\$32.46
PE1PT	Premium Time		NA	\$66.24/\$39.35
AEH	Additional Engineering Fee ( <b>Note 6</b> )	Per request, first half hr/add'l half hr.		First/Add'l Basic Time \$31.00/\$22.00 Overtime \$37.00/\$26.00

**EXHIBIT A: BELL SOUTH/ECI RATES – SOUTH CAROLINA**  
**PHYSICAL COLLOCATION (continued)**

**Note(s):**

N/A refers to rate elements which do not have a negotiated rate.

- (1) **Subsequent Application Fee:** BellSouth requires the submission of an Application Fee for modifications to an existing arrangement. However, when the modifications do not require BellSouth to expend capital, BellSouth will assess the Subsequent Application Fee in lieu of the Application Fee. Proposed modifications that could result in assessment of a Subsequent Application Fee would cause BellSouth to analyze the following but are not limited to: floor loading changes, changes to HVAC requirements, power requirement changes which may result in a power plant upgrade, environmental or safety requirements, or equipment relocation. Should the Subsequent Application Fee not be included as part of this Attachment, ECI will be assessed the full Application Fee for all subsequent activity for completed arrangements.
- (2) **Space Preparation Fee:** The Space Preparation Fee is a one-time fee, assessed per arrangement, per location. It recovers the costs associated with the shared physical collocation area within a Premises, which include survey, engineering, design and modification costs for network, building and support systems. In the event ECI opts for non-enclosed space, the space preparation fee will be assessed based on the total floor space dedicated to ECI as prescribed in Section 7 of the Collocation Attachment.
- (3) **Space Enclosure Fee:** The Space Enclosure Construction Fee is a monthly recurring fee, assessed per enclosure, per location with a one-hundred (100) square foot minimum enclosure. It recovers costs associated with providing an optional equipment arrangement enclosure, which include architectural and engineering fees, materials, and installation costs. The cost for additional square feet is applicable only when ordered with the first 100 square feet and must be requested in fifty (50) square foot increments. ECI may, at its option, arrange with a BellSouth Certified Contractor to construct the space enclosure in accordance with BellSouth's guidelines and specifications. In this event, the BellSouth Certified Contractor shall directly bill ECI for the space enclosure, and this fee shall not be applicable.
- (4) **Cross Connects:** The charges for cross connects are for orders placed electronically. Cross connect elements may also be ordered manually for which there is an additional charge per element.

	<u>First / Additional</u>
2-wire	\$46.66 / \$44.10
4-wire	\$46.68 / \$44.02
DS-1	\$75.88 / \$55.87
DS-3	\$74.69 / \$54.23

**EXHIBIT A: BELL SOUTH/ECI RATES – SOUTH CAROLINA**  
**PHYSICAL COLLOCATION (continued)**

- (5) **Co-Carrier Cross-Connect.** As stated in Section 5 of the Collocation Attachment, ECI may connect to other CLECs within the designated Premises in addition to, and not in lieu of, interconnection to BellSouth services and facilities. Where BellSouth must construct a cable rack structure to house the co-Carrier cross-connection, construction charges will be applied on an individual case basis as described in Section 5.6.1 of the Collocation Attachment. BellSouth shall provide an estimate of these charges in the Application Response. Where an existing cable rack structure is in place and has sufficient capacity to accommodate the co-Carrier cross-connection requested, the recurring charges as stated in this Exhibit A shall apply.
- (6) **Additional Engineering Fee:** BellSouth's additional engineering, and other labor costs associated with handling ECI-requested modifications to requests in progress or augmentations to existing arrangements shall be recovered as Additional Engineering charges, under provisions in BellSouth's F.C.C. Number 1 Tariff, Sections 13.1 and 13.2. Should Additional Engineering rates not be included, ECI agrees not to make changes to collocation arrangement after a Bona Fide Firm Order is submitted.

**EXHIBIT A: BELLSOUTH/ECI RATES – TENNESSEE**  
**PHYSICAL COLLOCATION**

**\* Rates are interim and are subject to true-up.**

USOC	Rate Element Description	Unit	Recurring Rate (RC)	Non-Recurring Rate (NRC)
PE1BA	Application Fee	Per request	NA	\$3,850.00
PE1CA	Subsequent Application Fee ( <b>Note 1</b> )	Per request	NA	\$1,600.00 Minimum
PE1BB	Space Preparation Fee ( <b>Note 2</b> ) Mechanical / HVAC*	Per ton (one ton minimum)		\$2,400.00
PE1SB	Ground Bar*	Per connection		\$720.00
PE1SC	Project Management*	Per arrangement		\$1,675.00
PE1SD	Cable Racking / Fiber Duct	Per arrangement, sq. ft.		ICB
PE1SE	Frame / Aisle Lighting	Per arrangement, sq. ft.		ICB
PE1S	Framework Ground Conductors	Per arrangement		ICB
PE1SH	Extraordinary Modifications	Per arrangement		ICB
PE1BW	Space Enclosure ( <b>Note 3</b> ) Welded Wire-mesh	Per first 100 sq. ft.	\$190.79	NA
PE1CW	Welded Wire-mesh	Per add'l 50 sq. ft.	\$19.38	NA
PE1PJ	Floor Space	Per sq. ft.	\$7.50	NA
PE1BD	Cable Installation	Per cable	NA	\$2,750.00
PE1PM	Cable Support Structure	Per entrance cable	\$13.35	NA
PE1PL	Power -48V DC Power	Per amp	\$5.00	ICB
PE1FB	120V AC Power single phase*	Per breaker amp	\$5.50	ICB
PE1FD	240V AC Power single phase*	Per breaker amp	\$11.00	ICB
PE1FE	120V AC Power three phase*	Per breaker amp	\$16.50	ICB
PE1FG	277 AC Power three phase*	Per breaker amp	\$38.20	ICB
PE1P2	Cross Connects 2-wire	Per cross connect	\$0.30	First/Add'l \$19.20/\$19.20
PE1P4	4-wire		\$0.50	\$19.20/\$19.20
PE1P1	DS-1		\$8.00	\$155.00/\$27.00
PE1P3	DS-3		\$72.00	\$155.00/\$27.00
PE1F2	2-fiber		\$15.64	\$41.56/\$29.82
PE1F4	4-fiber		\$28.11	\$50.53/\$38.78

TENNESSEE (continued)				
USOC	Rate Element Description	Unit	Recurring Rate (RC)	Non-Recurring Rate (NRC)
PE1ES	Co-Carrier Cross-Connect ( <b>Note 4</b> )			
Fiber	Fiber Cable Support Structure, existing	Per linear ft.	\$0.06	NA
PE1DS	Copper or Coaxial Cable Support Structure, existing	Per linear ft.	\$0.03	NA
Copper (TBD)	Cable Support Structure Construction, new	Per new construction	NA	ICB
PE1AX	Security Access System Security System	Per premises	\$52.00	
PE1AA	New Access Card Activation	Per card		\$55.00
	Administrative change, existing card	Per card		\$35.00
PE1AR	Replace lost or stolen card	Per card		\$250.00
PE1SR	Space Availability Report*	Per premises requested		\$550.00
PE1PE	POT Bay Arrangements <i>Prior to 6/1/99</i>	Per cross-connect		
PE1PF	2-Wire Cross-Connect		\$0.40	NA
PE1PG	4-Wire Cross-Connect		\$1.20	NA
PE1PH	DS1 Cross-Connect		\$1.20	NA
PE1B2	DS3 Cross-Connect		\$8.00	NA
PE1B4	2 Fiber Cross-Connect		\$38.79	NA
	4 Fiber Cross-Connect		\$52.31	NA
PE1BT	Security Escort	Per half hr./Add'l half hr.		
PE1OT	Basic Time		NA	\$41.00/\$25.00
PE1PT	Overtime		NA	\$48.00/\$30.00
	Premium Time		NA	\$55.00/\$35.00
AEH	Additional Engineering Fee ( <b>Note 5</b> )	Per request, first half hr/add'l half hr.		First/Add'l Basic Time \$31.00/\$22.00 Overtime \$37.00/\$26.00

**EXHIBIT A: BELL SOUTH/ECI RATES – TENNESSEE**  
**PHYSICAL COLLOCATION (continued)**

**Note(s):**

N/A refers to rate elements which do not have a negotiated rate.

- (1) **Subsequent Application Fee:** BellSouth requires the submission of an Application Fee for modifications to an existing arrangement. However, when the modifications do not require BellSouth to expend capital, BellSouth will assess the Subsequent Application Fee in lieu of the Application Fee. Proposed modifications that could result in assessment of a Subsequent Application Fee would cause BellSouth to analyze the following but are not limited to: floor loading changes, changes to HVAC requirements, power requirement changes which may result in a power plant upgrade, environmental or safety requirements, or equipment relocation. Should the Subsequent Application Fee not be included as part of this Attachment, ECI will be assessed the full Application Fee for all subsequent activity for completed arrangements.
- (2) **Space Preparation Fee:** The Space Preparation Fee is a one-time fee, assessed per arrangement, per location. It recovers the costs associated with the shared physical collocation area within a Premises, which include survey, engineering, design and modification costs for network, building and support systems. In the event ECI opts for non-enclosed space, the space preparation fee will be assessed based on the total floor space dedicated to ECI as prescribed in Section 7 of the Collocation Attachment.
- (3) **Space Enclosure Fee:** The Space Enclosure Construction Fee is a monthly recurring fee, assessed per enclosure, per location with a one-hundred (100) square foot minimum enclosure. It recovers costs associated with providing an optional equipment arrangement enclosure, which include architectural and engineering fees, materials, and installation costs. The cost for additional square feet is applicable only when ordered with the first 100 square feet and must be requested in fifty (50) square foot increments. ECI may, at its option, arrange with a BellSouth Certified Contractor to construct the space enclosure in accordance with BellSouth's guidelines and specifications. In this event, the BellSouth Certified Contractor shall directly bill ECI for the space enclosure, and this fee shall not be applicable.
- (4) **Co-Carrier Cross-Connect.** As stated in Section 5 of the Collocation Attachment, ECI may connect to other CLECs within the designated Premises in addition to, and not in lieu of, interconnection to BellSouth services and facilities. Where BellSouth must construct a cable rack structure to house the co-Carrier cross-connection, construction charges will be applied on an individual case basis as described in Section 5.6.1 of the Collocation Attachment. BellSouth shall provide an estimate of these charges in the Application Response. Where an existing cable rack structure is in place and has sufficient capacity to accommodate the co-Carrier cross-connection requested, the recurring charges as stated in this Exhibit A shall apply.



**EXHIBIT A: BELLSOUTH/ECI RATES – TENNESSEE**  
**PHYSICAL COLLOCATION (continued)**

- (5) **Additional Engineering Fee:** BellSouth's additional engineering, and other labor costs associated with handling ECI-requested modifications to requests in progress or augmentations for existing arrangements shall be recovered as Additional Engineering charges, under provisions in BellSouth's F.C.C. Number 1 Tariff, Sections 13.1 and 13.2. Should Additional Engineering rates not be included, ECI agrees not to make changes to collocation arrangement after a Bona Fide Firm Order is submitted.

**EXHIBIT B**

Page 1 of 4

**ENVIRONMENTAL AND SAFETY  
PRINCIPLES**

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

**1. GENERAL PRINCIPLES**

- 1.1 Compliance with Applicable Law. BellSouth and ECI agree to comply with applicable federal, state, and local environmental and safety laws and regulations including U.S. Environmental Protection Agency (USEPA) regulations issued under the Clean Air Act (CAA), Clean Water Act (CWA), Resource Conservation and Recovery Act (RCRA), Comprehensive Environmental Response, Compensation and Liability Act (CERCLA), Superfund Amendments and Reauthorization Act (SARA), the Toxic Substances Control Act (TSCA), and OSHA regulations issued under the Occupational Safety and Health Act of 1970, as amended and NFPA and National Electrical Codes (NEC) and the NESC (“Applicable Laws”). Each Party shall notify the other if compliance inspections are conducted by regulatory agencies and/or citations are issued that relate to any aspect of this Attachment.
- 1.2 Notice. BellSouth and ECI shall provide notice to the other, including Material Safety Data Sheets (MSDSs), of known and recognized physical hazards or Hazardous Chemicals existing on site or brought on site. Each Party is required to provide specific notice for known potential Imminent Danger conditions. ECI should contact 1-800-743-6737 for BellSouth MSDS sheets.
- 1.3 Practices/Procedures. BellSouth may make available additional environmental control procedures for ECI to follow when working at a BellSouth Premises (See Section 2, below). These practices/procedures will represent the regular work practices required to be followed by the employees and contractors of BellSouth for environmental protection. ECI will require its contractors, agents and others accessing the BellSouth Premises to comply with these practices. Section 2 lists the Environmental categories where BST practices should be followed by CLEC when operating in the BellSouth Premises.
- 1.4 Environmental and Safety Inspections. BellSouth reserves the right to inspect the ECI space with proper notification. BellSouth reserves the right to stop any ECI work operation that imposes Imminent Danger to the environment, employees or other persons in the area or Facility.
- 1.5 Hazardous Materials Brought On Site. Any hazardous materials brought into, used, stored or abandoned at the BellSouth Premises by ECI are owned by ECI. ECI will indemnify BellSouth for claims, lawsuits or damages to persons or property caused by

- these materials. Without prior written BellSouth approval, no substantial new safety or environmental hazards can be created by ECI or different hazardous materials used by ECI at BellSouth Facility. ECI must demonstrate adequate emergency response capabilities for its materials used or remaining at the BellSouth Facility.
- 1.6 Spills and Releases. When contamination is discovered at a BellSouth Premises, the Party discovering the condition must notify BellSouth. All Spills or Releases of regulated materials will immediately be reported by ECI to BellSouth.
- 1.7 Coordinated Environmental Plans and Permits. BellSouth and ECI will coordinate plans, permits or information required to be submitted to government agencies, such as emergency response plans, spill prevention control and countermeasures (SPCC) plans and community reporting. If fees are associated with filing, BellSouth and ECI will develop a cost sharing procedure. If BellSouth's permit or EPA identification number must be used, ECI must comply with all of BellSouth's permit conditions and environmental processes, including environmental "best management practices (BMP)" (see Section 2, below) and/or selection of BST disposition vendors and disposal sites.
- 1.8 Environmental and Safety Indemnification. BellSouth and ECI shall indemnify, defend and hold harmless the other Party from and against any claims (including, without limitation, third-party claims for personal injury or death or real or personal property damage), judgments, damages, (including direct and indirect damages, and punitive damages), penalties, fines, forfeitures, costs, liabilities, interest and losses arising in connection with the violation or alleged violation of any Applicable Law or contractual obligation or the presence or alleged presence of contamination arising out of the acts or omissions of the indemnifying Party, its agents, contractors, or employees concerning its operations at the Facility.

## **2. CATEGORIES FOR CONSIDERATION OF ENVIRONMENTAL ISSUES**

When performing functions that fall under the following Environmental categories on BellSouth's Premises, ECI agrees to comply with the applicable sections of the current issue of BellSouth's Environmental and Safety Methods and Procedures (M&Ps), incorporated herein by this reference. ECI further agrees to cooperate with BellSouth to ensure that ECI's employees, agents, and/or subcontractors are knowledgeable of and satisfy those provisions of BellSouth's Environmental M&Ps which apply to the specific Environmental function being performed by ECI, its employees, agents and/or subcontractors.

The most current version of reference documentation must be requested from BellSouth.

<b>ENVIRONMENTAL CATEGORIES</b>	<b>ENVIRONMENTAL ISSUES</b>	<b>ADDRESSED BY THE FOLLOWING DOCUMENTATION</b>
Disposal of hazardous material or other regulated material (e.g., batteries, fluorescent tubes, solvents & cleaning materials)	Pollution liability insurance  EVET approval of contractor	Std T&C 450 GU-BTEN-001BT, Chapter 4 Std T&C 660-3 GU-BTEN-001BT, Chapter 10
Emergency response	Hazmat/waste release/spill firesafety emergency	GU-BTEN-001BT, Chapter Building Emergency Operations Plan (EOP) (specific to Premises)
Contract labor/outsourcing for services with environmental implications to be performed on BellSouth Premises (e.g., disposition of hazardous material/waste; maintenance of storage tanks)	Performance of services in accordance with BST's environmental M&Ps  Insurance	Std T&C 450 Std T&C 450-B (Contact E/S or your DEC/LDEC for copy of appropriate E/S M&Ps.) Std T&C 660
Transportation of hazardous material	Pollution liability insurance  EVET approval of contractor	Std T&C 450 GU-BTEN-001BT, Chapter 4 Std T&C 660-3 GU-BTEN-001BT, Chapter 10
Maintenance/operations work which may produce a waste  Other maintenance work	Protection of BST employees and equipment	Std T&C 450 GU-BTEN-001BT, Chapter 10 29CFR 1910.147 29CFR 1910 Subpart O
Janitorial services	All waste removal and disposal must conform to all applicable federal, state and local regulations  All HazMat & Waste Asbestos notification protection of BST employees and equipment	P&SM Manager - Procurement GU-BTEN-001BT, Chapter 4, GU-BTEN-001BT, Chapter 3 BSP 010-170-001BS (Hazcom)
Manhole cleaning	Pollution liability insurance  Manhole entry requirements  EVET approval of contractor	Std T&C 450 Std T&C 660-3 BSP 620-145-011PR Issue A, August 1996 GU-BTEN-001BT, Chapter 10 RL9706008BT
Removing or disturbing building materials that may contain asbestos	Asbestos work practices	GU-BTEN-001BT, Chapter 3

### 3. DEFINITIONS

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

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

Hazardous Waste. As defined in section 1004 of RCRA.

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

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

### 4. ACRONYMS

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

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

EVET - Environmental Vendor Evaluation Team

P&SM - Property & Services Management

Std. T&C - Standard Terms & Conditions

NESC - National Electrical Safety Codes

## **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, ECI shall contact the North American Numbering Plan Administrator, Neustar, for the assignment of numbering resources. In order to be assigned a Central Office Code, ECI 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 ECI, BellSouth will provide ECI 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. ECI 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 ECI cancel its reservations of numbers. ECI shall comply with such request.
- 1.3 Further, upon ECI request and for the purposes of the resale of BellSouth's telecommunications services by ECI, BellSouth will reserve up to 100 telephone numbers per Common Language Location Identifier Code (CLLIC), for ECI's sole use. Such telephone number reservations shall be transmitted to ECI via electronic file transfer. Such reservations shall be valid for ninety (90) days from the reservation date. ECI 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 ECI's reasonable need in that particular CLLIC.

### **2. Number Portability Permanent Solution**

- 2.1 The FCC, the Commissions, and industry forums 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 forums. 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 FCC No. 1 and will be billed to ECI where ECI



is a subscriber to local switching or where ECI 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 ECI. 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 ECI switch that serves the subscriber.

3.3 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**

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 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.
- 4.3 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 EMR 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.
- 5.2 Notwithstanding the foregoing, the Parties acknowledge that the FCC has determined once LNP has been deployed pursuant to the FCC's orders, rules and regulations, that all local exchange carriers (LECs) have the duty to provide LNP. Therefore, either Party, at any time, may seek appropriate legal or regulatory relief concerning the transition from INP to LNP or other related issues.

## **6. True-up**

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

- 6.1 The interim prices for Network Elements and Other Services and Local Interconnection shall be subject to true-up according to the following procedures:
- 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.

- 6.2 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.
- 6.3 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.

## **7. Operational Support System (OSS) Rates**

BellSouth has developed and made available the following mechanized systems by which ECI 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:

<b>OPERATIONAL SUPPORT SYSTEMS</b>	<b>AL, GA, LA, MS, SC</b>	<b>FL, KY, NC, TN</b>
OSS LSR charge, per LSR received from the CLEC by one of the OSS interactive interfaces	\$3.50	\$3.50
	SOMECH	SOMECH
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

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 ECI 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

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

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

#### Network Elements and Other Services Manual Additive

The Commissions in Alabama, Georgia, Louisiana, Mississippi and South Carolina have ordered incremental manual 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.

#### Threshold Billing Plan

The Parties agree that ECI 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 CLECs' future manual LSRs 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.

**BELLSOUTH/CLEC-1 RATES  
SERVICE PROVIDER  
NUMBER PORTABILITY**

DESCRIPTION	USOC	RATES BY STATE								
		AL	FL	GA	KY	LA	MS	NC	SC	TN
<b>INTERIM SERVICE PROVIDER NUMBER PORTABILITY - RCF (1) (2)</b>										
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	NA	\$2.17	\$1.50
NRC	TNPBL	\$0.65	NA	\$0.51	NA	\$0.49	\$0.6441	NA	\$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	NA	\$2.17	\$1.25
NRC	TNPRL	\$0.65	NA	\$0.51	NA	\$0.49	\$0.6441	NA	\$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	N/A	\$0.32	NA	\$0.2836	NA	\$0.38	\$0.3838	NA	\$0.3854	\$0.50
RCF, per service order, per location	(++) Bus = TNPBD Res = TNPRL									
NRC - 1st	TNP++	\$1.44	NA	\$2.10	NA	\$2.02	\$2.84	None	\$1.37	\$25.00
NRC - Add'l	TNP++	\$1.44	NA	\$2.10	NA	\$2.02	\$2.84	None	\$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	NA	NA	NA
NRC - Incremental Charge - Manual Service Order - Add'l	SOMAN	\$27.37	NA	NA	NA	\$18.14	\$25.52	NA	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
<b>INTERIM SERVICE PROVIDER NUMBER PORTABILITY - DID</b>										
DID, per number ported, Residence - NRC	TNPDR	\$1.18	NA	\$0.93	NA	\$0.89	\$1.17	NA	\$2.25	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	NA	\$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	NA	\$1.37	NA
NRC - Add'l	TNPRD	\$1.44	NA	\$2.10	NA	\$2.02	\$2.84	NA	\$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	NA	NA	NA
NRC - Incremental Charge - Manual Service Order - Add'l	SOMAN	\$27.37	NA	NA	NA	\$18.14	\$25.52	NA	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	NA	\$13.16	NA
DID, per trunk termination, Initial - NRC	TNPT2	\$173.73	NA	\$135.47	NA	\$129.69	\$171.68	NA	\$218.03	NA
DID, per trunk termination, Initial - Disconnect	TNPT2	\$50.43	NA	NA	NA	\$37.85	\$49.86	NA	NA	NA
DID, per trunk termination, Subsequent	TNPT2	\$11.84	NA	\$10.73	NA	\$12.46	\$13.78	NA	\$13.16	NA
DID, per trunk termination, Subsequent - NRC	TNPT2	\$51.35	NA	\$39.53	NA	\$37.85	\$50.69	NA	\$73.63	NA
DID, per trunk termination, Subsequent - Disconnect	TNPT2	\$25.00	NA	NA	NA	\$18.75	\$24.71	NA	NA	NA
<b>NOTES:</b>										
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 PSCs 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 shall provide ordering and provisioning services to ECI 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, the BellSouth Guide to Interconnection, and the Electronic Business Rules for Local Ordering and the Local Exchange Ordering Implementation Guide, as appropriate, and as they are amended from time to time during this Agreement. The guides may be referenced at the following site:  
[http://www.interconnection.bellsouth.com/guides/guides\\_p.html](http://www.interconnection.bellsouth.com/guides/guides_p.html).
- 1.3 BellSouth shall provide all ordering and provisioning services to ECI during the same business hours of operation that BellSouth provisions service to its affiliates or end users. Ordering and provisioning support required by ECI outside of these hours will be considered outside of normal business hours and will be subject to overtime billing.
- 1.4 All other ECI 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.

### **2. Access to Operations Support Systems**

- 2.1 BellSouth shall provide ECI access to operations support systems (“OSS”) functions for pre-ordering, ordering and provisioning, maintenance and repair and billing. Access to the OSS is available through a variety of means, including electronic interfaces. BellSouth also provides manual options. The OSS functions available to CLECs through electronic interfaces are:
- 2.2 Pre-Ordering. BellSouth provides electronic access to the following pre-ordering functions: service address validation, telephone number selection, service and feature availability, due date information, and upon Commission approval of confidentiality protections, to customer record information. Access is provided through the Local Exchange Navigation System (LENS) interface the Telecommunications Access Gateway (TAG) interface. Customer record information includes Customer Record Information includes but is not limited to, customer specific information in CRIS and RSAG. In addition, ECI shall provide to BellSouth access to customer record information including electronic access where available. Otherwise, ECI shall

- provide paper copies of customer record information within a reasonable period of time upon request by BellSouth. 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 ECI 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.
- 2.3 Service Ordering and Provisioning. BellSouth provides electronic options for the exchange of ordering and provisioning information. BellSouth provides an Electronic Data Interchange (EDI) interface, the TAG ordering interface for non-complex and certain complex resale requests and certain network elements. The EDI interface can be integrated with the TAG pre-ordering interface by ECI or the TAG ordering interface. BellSouth provides integrated pre-ordering, ordering and provisioning capability through the LENS interface for non-complex and certain complex resale service requests.
- 2.4 Service Trouble Reporting and Repair. Service trouble reporting and repair allows ECI to report and monitor service troubles and obtain repair services. BellSouth shall offer ECI service trouble reporting in a non-discriminatory manner that provides ECI the equivalent ability to report and monitor service troubles that BellSouth provides to itself. BellSouth also provides ECI 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 offers ECI non-discriminatory access to the Trouble Analysis Facilitation Interface (TAFI). In addition, BellSouth offers an industry standard, machine-to-machine Electronic Communications Trouble Administration (ECTA) Gateway interface. For designed services, BellSouth provides non-discriminatory trouble reporting ECTA Gateway. BellSouth also offers ECTA functionality through the human-to-machine EC-CPM/TA interface. If the CLEC requests BellSouth to repair a trouble after normal working hours, the CLEC will be billed the appropriate overtime charges associated with this request pursuant to BellSouth's tariffs.
- 2.5 Change Management. BellSouth provides a collaborative process for change management of the electronic interfaces through the Electronic Interface Change Control Process ("EICCP"). Guidelines for this process are set forth in the EICCP document, and as it is amended from time to time during this agreement.
- 2.6 Migration of ECI 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. 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), 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 ECI with sufficient notice to allow

ECI 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. Charge for use of OSS shall be as set forth in Attachments 1 and 2 of this Agreement.

### **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 ECI will be held for a maximum of thirty (30) days from the date the order is placed on hold. After such time, if ECI wishes to reinstate an order, ECI may be required to submit a new service order.
- 3.2 Single Point of Contact. ECI will be the single point of contact with BellSouth for ordering activity for network elements and other services used by ECI to provide services to its end users, except that BellSouth may accept an order directly from another CLEC, or BellSouth, acting with authorization of the affected end user. ECI and BellSouth shall each execute a blanket letter of authorization with respect to customer orders. 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 an order, BellSouth may disconnect any network element associated with the service to be disconnected and being used by ECI 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 ECI that such an order has been processed, but will not be required to notify ECI in advance of such processing.
- 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. In addition, 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 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.
- 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 ECI after the disconnect order has been completed.
- 3.4 Contact Numbers. The Parties agree to provide one another with toll-free 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 ECI 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.

**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 through the Carrier Access Billing System (CABS) and through the Customer Records Information System (CRIS) depending on the particular service(s) that ECI requests. BellSouth will bill and record in accordance with this Agreement those charges ECI incurs as a result of ECI purchasing from BellSouth Network Elements and Other 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 ECI, ECI 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 cost.
- 1.2 Master Account. After receiving certification as a local exchange company from the appropriate regulatory agency, ECI 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 tax exemption certificate, if applicable.
- 1.3 Payment Responsibility. Payment of all charges will be the responsibility of ECI. ECI shall make payment to BellSouth for all services billed. BellSouth is not responsible for payments not received by ECI from ECI's customer. BellSouth will not become involved in billing disputes that may arise between ECI and ECI's 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 will be due on or before 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.

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.
- 1.5 Tax Exemption. Upon proof of tax exempt certification from ECI, the total amount billed to ECI will not include those taxes or fees for which the CLEC is exempt. ECI will be solely responsible for the computation, tracking, reporting and payment of all taxes and like fees associated with the services provided to the end user of ECI.
- 1.6 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. ECI will be charged a fee for all returned checks as set forth in Section A2 of the General Subscriber Services Tariff or pursuant to the applicable state law.
- 1.7 Discontinuing Service to ECI. The procedures for discontinuing service to ECI are as follows:
- 1.7.1 BellSouth reserves the right to suspend or terminate service for nonpayment of services or in the event of prohibited, unlawful or improper use of BellSouth facilities or service or any other violation or noncompliance by ECI of the rules and regulations contained in BellSouth's tariffs.
- 1.7.2 If payment of account is not received by the bill date in the month after the original bill date, BellSouth may provide written notice to ECI 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 ECI at the billing address to discontinue the provision of existing services to ECI at any time thereafter.
- 1.7.3 In the case of such discontinuance, all billed charges, as well as applicable termination charges, shall become due.
- 1.7.4 If BellSouth does not discontinue the provision of the services involved on the date specified in the thirty days notice and ECI's noncompliance continues, nothing contained herein shall preclude BellSouth's right to discontinue the provision of the services to ECI without further notice.

- 1.7.5 If payment is not received or satisfactory arrangements made for payment by the date given in the written notification, ECI's services will be discontinued. Upon discontinuance of service on ECI's account, service to the ECI's end users will be denied. BellSouth will reestablish service at the request of the end user or ECI for BellSouth to reestablish service upon payment of the appropriate connection fee and subject to BellSouth's normal application procedures. ECI 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.
- 1.8 Deposit Policy. When purchasing services from BellSouth, ECI will be required to complete the BellSouth Credit Profile and provide information regarding credit worthiness. Based on the results of the credit analysis, the Company 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. Any such security deposit shall in no way release ECI 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 opinion of BellSouth, circumstances so warrant and/or gross monthly billing has increased beyond the level initially used to determine the level of security, the BellSouth reserves the right to request additional security and/or file a Uniform Commercial Code (UCC1) security interest in ECI's "accounts receivables and proceeds." Interest on a security deposit, if provided in cash, shall accrue and be paid in accordance with the terms in the appropriate BellSouth tariff.
- 1.9 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 this 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.

## **2. Billing Accuracy Certification**

- 2.1 Upon request, BellSouth and ECI will agree 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 As part of the billing quality assurance program, BellSouth and ECI will develop standards, measurements, and performance requirements for a local billing measurements process. On a regular basis BellSouth will provide ECI with mutually

- agreed upon performance measurement data that substantiates the accuracy, reliability, and integrity of the billing process for local billing. In return, ECI will pay all bills received from BellSouth 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 If a Party disputes a charge and does not pay such charge by the payment due date, or if a payment or any portion of a payment is received by either Party after the payment due date, or if a payment or any portion of a payment is received in funds which are not immediately available to the other Party, then a late payment penalty shall be assessed. For bills rendered by either Party for payment, the late payment charge for both Parties shall be calculated based on the portion of the payment not received by the payment due date 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 ECI 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 ECI 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 ECI 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 ECI 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 ECI 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 ECI and will coordinate all associated conversion activities.
- 4.5 BellSouth will receive messages from ECI 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 ECI.
- 4.7 All data received from ECI 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 ECI 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 ECI and will forward them to ECI on a daily basis.
- 4.10 Transmission of message data between BellSouth and ECI will be via CONNECT:Direct.
- 4.11 All messages and related data exchanged between BellSouth and ECI 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 ECI 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 ECI to send data to BellSouth more than sixty (60) days past the message date(s), ECI 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 ECI 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 ECI) identified and agreed to, the company responsible for creating the data (BellSouth or ECI) 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 ECI, the entire pack containing the affected data will not be processed by BellSouth. BellSouth will notify ECI of the error condition. ECI 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, ECI 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 ECI 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 ECI 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 ECI for the purpose of data transmission. Where a dedicated line is required, ECI will be responsible for ordering the circuit, overseeing its installation and coordinating the installation with BellSouth. ECI 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 ECI. Additionally, all message toll charges associated with the use of the dial circuit by ECI will be the responsibility of ECI. 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 the ECI end for the purpose of data transmission will be the responsibility of ECI.

4.19 Intercompany Settlements Messages

4.19.1 This Section addresses the settlement of revenues associated with traffic originated from or billed by ECI 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 ECI and the involved company(ies), unless that company is participating in NICS.

4.19.2 Both traffic that originates outside the BellSouth region by ECI and is billed within the BellSouth region, and traffic that originates within the BellSouth region and is billed outside the BellSouth region by ECI, is covered by this Agreement (CATS). Also covered is traffic that either is originated by or billed by ECI, involves a company other than ECI, qualifies for inclusion in the CATS settlement, and is not originated or billed within the BellSouth region (NICS).

- 4.19.3 Once ECI is operating within the BellSouth territory, revenues associated with calls originated and billed within the BellSouth region will be settled via Telcordia (formerly BellCore)'s, 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 ECI. BellSouth will distribute copies of these reports to ECI 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 ECI. BellSouth will distribute copies of these reports to ECI on a monthly basis.
- 4.19.6 BellSouth will collect the revenue earned by ECI 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 ECI. BellSouth will remit the revenue billed by ECI 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 of ECI. These two amounts will be netted together by BellSouth and the resulting charge or credit issued to ECI via a monthly Carrier Access Billing System (CABS) miscellaneous bill.
- 4.19.7 BellSouth will collect the revenue earned by ECI 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 ECI. BellSouth will remit the revenue billed by ECI 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 ECI via a monthly Carrier Access Billing System (CABS) miscellaneous bill.

BellSouth and ECI 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 ECI, BellSouth will provide the Optional Daily Usage File (ODUF) service to ECI pursuant to the terms and conditions set forth in this section.
- 5.2 The ECI 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 ECI customer.

Charges for delivery of the Optional Daily Usage File will appear on the ECIs' 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 the ECI will be the responsibility of the ECI. If, however, the ECI should encounter significant volumes of errored messages that prevent processing by the ECI within its systems, BellSouth will work with the ECI 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 the ECI:

- 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 ECI.

- 5.6.1.4 In the event that ECI detects a duplicate on Optional Daily Usage File they receive from BellSouth, ECI will drop the duplicate message (ECI 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 ECI 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 ECI for the purpose of data transmission. Where a dedicated line is required, ECI will be responsible for ordering the circuit, overseeing its installation and coordinating the installation with BellSouth. ECI 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 ECI. Additionally, all message toll charges associated with the use of the dial circuit by ECI will be the responsibility of ECI. 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 ECI end for the purpose of data transmission will be the responsibility of ECI.

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 ECI which BellSouth RAO that is sending the message. BellSouth and ECI will use the invoice sequencing to control data exchange. BellSouth will be notified of sequence failures identified by ECI and resend the data as appropriate.

The data will be packed using ATIS EMI records.

5.6.4 Pack Rejection

5.6.4.1 ECI 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. ECI will not be required to return the actual rejected data to BellSouth. Rejected packs will be corrected and retransmitted to ECI by BellSouth.

5.6.5 Control Data

ECI will send one confirmation record per pack that is received from BellSouth. This confirmation record will indicate ECI 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 ECI for reasons stated in the above section.

5.6.6 Testing

5.6.6.1 Upon request from ECI, BellSouth shall send test files to ECI 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 ECI set up a production (LIVE) file. The live test may consist of ECI's employees making test calls for the types of services ECI requests on the Optional Daily Usage File. These test calls are logged by ECI, 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 ECI, BellSouth will provide the Access Daily Usage File (ADUF) service to ECI pursuant to the terms and conditions set forth in this section.

6.2 The ECI 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 ECI has purchased from BellSouth

6.4 Charges for delivery of the Access Daily Usage File will appear on the ECIs' 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 the ECI will be the responsibility of the ECI. If, however, the ECI should encounter significant volumes of errored messages

that prevent processing by the ECI within its systems, BellSouth will work with the ECI 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 ECI:

Originating and terminating interstate and intrastate access records associated with a port.

Terminating access records for undetermined jurisdiction access records associated with a port.

6.6.2 When ECI 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 (ECI is BellSouth's toll customer):

BellSouth will bill resale toll rates to ECI and send toll record for the end user toll billing purposes via ODUF (Optional Daily Usage File). Access record will be sent to ECI via ADUF.

Terminating on network element and carried by Interexchange Carrier:

BellSouth will bill network element to ECI and send access record to ECI.

Terminating on network element and carried by BellSouth:

BellSouth will bill network element to ECI and send access record to ECI.

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 ECI.

6.6.4 In the event that ECI detects a duplicate on the Access Daily Usage File they receive from BellSouth, ECI will drop the duplicate message (ECI 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 ECI 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 ECI for the purpose of data transmission. Where a dedicated line is required, ECI will be responsible for ordering the circuit, overseeing its installation and coordinating the installation with BellSouth. ECI 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 ECI. Additionally, all message toll charges associated with the use of the dial circuit by ECI will be the responsibility of ECI. 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 ECI end for the purpose of data transmission will be the responsibility of ECI.

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 ECI which BellSouth RAO that is sending the message. BellSouth and ECI will use the invoice sequencing to control data exchange. BellSouth will be notified of sequence failures identified by ECI and resend the data as appropriate.

The data will be packed using ATIS EMI records.

6.6.7 Pack Rejection

6.6.7.1 ECI 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. ECI will not be required to return the actual rejected data to BellSouth. Rejected packs will be corrected and retransmitted to ECI by BellSouth.

6.6.8 Control Data

ECI will send one confirmation record per pack that is received from BellSouth. This confirmation record will indicate ECI 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 ECI for reasons stated in the above section.

6.6.9 Testing

- 6.6.9.1 Upon request from ECI, BellSouth shall send test files to ECI 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 ECI, BellSouth will provide the Enhanced Optional Daily Usage File (EODUF) service to ECI 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 The ECI 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.
- Charges for delivery of the Enhanced Optional Daily Usage File will appear on the ECIs' monthly bills. The charges are as set forth in Exhibit A to this Attachment.
- 7.4 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 the ECI will be the responsibility of the ECI. If, however, the ECI should encounter significant volumes of errored messages that prevent processing by the ECI within its systems, BellSouth will work with the ECI 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 the ECI:

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 ECI.

7.6.1.3 In the event that ECI detects a duplicate on Enhanced Optional Daily Usage File they receive from BellSouth, ECI will drop the duplicate message (ECI 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 ECI over their existing Optional Daily Usage File (ODUF) feed. The EODUF messages will be intermingled among ECI'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 ECI for the purpose of data transmission. Where a dedicated line is required, ECI will be responsible for ordering the circuit, overseeing its installation and coordinating the installation with BellSouth. ECI 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 ECI.

Additionally, all message toll charges associated with the use of the dial circuit by ECI will be the responsibility of ECI. 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 ECI end for the purpose of data transmission will be the responsibility of ECI.

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 ECI which BellSouth RAO that is sending the message. BellSouth and ECI will use the invoice sequencing to control data exchange. BellSouth will be notified of sequence failures identified by ECI and resend the data as appropriate.

The data will be packed using ATIS EMI records.



BELLSOUTH/CLEC-1 RATES  
ODUF/EDOUF/ADUF/CMD5

DESCRIPTION	USOC	RATES BY STATE								
		AL	FL	GA	KY	LA	MS	NC	SC	TN
<b>ODUF/EDOUF/ADUF/CMD5</b>										
ODUF: Recording, per message	N/A	\$0.0002	\$0.008	\$0.008	\$0.0008611	\$0.00019	\$0.0001179	\$0.008	\$0.0002862	\$0.008
ODUF: Message Processing, per message	N/A	\$0.0033	\$0.004	\$0.004	\$0.0032357	\$0.0024	\$0.0032089	\$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
CMD5: 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	\$54.62	\$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	\$0.00004	\$0.001	\$0.001	\$0.0000365	\$0.00003	\$0.0000354	\$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
CMD5: 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**

### **Rights-of-Way, Conduits and Pole Attachments**

## **Rights-of-Way, Conduits and Pole Attachments**

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

## **Attachment 9**

### **Performance Measurements**

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## **Service Performance Measurements And Enforcement Mechanisms**

### **1. Scope**

This Attachment includes Enforcement Measurements with corresponding Enforcement Mechanisms applicable to this Agreement.

### **2. Reporting**

2.1 In providing services pursuant to this Agreement, BellSouth will report its performance to ECI in accordance with BellSouth's Service Quality Measurements, which are contained in this Attachment as Exhibit A and in accordance with BellSouth's Enforcement Measurements, which are contained in this Attachment as Exhibit B.

2.2 BellSouth will make performance reports available to ECI on a monthly basis. The reports will contain information collected in each performance category and will be available to ECI through some electronic medium to be determined by BellSouth. BellSouth will also provide electronic access to the raw data underlying the performance measurements. Within thirty (30) days of execution of this Agreement, BellSouth will provide a detailed session of instruction to ECI regarding access to the reports and to the raw data as well as the nature of the format of the data provided.

### **3. Modifications to Measurements**

#### **3.1 Service Quality Measurements**

3.1.1 BellSouth will update the Service Quality Measurements contained in Exhibit A of this Attachment each calendar quarter. BellSouth will not delete any Service Quality Measurement without prior written consent of ECI. ECI may provide input to BellSouth regarding any suggested additions, deletions or other modifications to the Service Quality Measurements. BellSouth will provide notice of all changes to the Service Quality Measurements via BellSouth's internet website.

3.1.2 Notwithstanding the foregoing, BellSouth may, from time to time, be ordered by a regulatory or judicial body to modify or amend the Service Quality Measurements. BellSouth will make all such changes to the Service Quality Measurements pursuant to Section \_\_\_\_ of the General Terms and Conditions of this Agreement, incorporated herein by reference.

3.1.3 Notwithstanding any other provision of this Agreement, in the event a dispute arises regarding the modification or amendment of the

Service Quality Measurements, the parties will refer the dispute to the Commission.

3.2 Enforcement Measurements and Statistical Test

3.2.1 In order for BellSouth to accurately administer the Enforcement Measurements contained in Exhibit B of this Attachment, the Enforcement Measurements shall be modified or amended only if BellSouth determines such modification or amendment is necessary. However, BellSouth will not delete any Enforcement Measurement without prior written consent of ECI. BellSouth will notify ECI of any such modification or amendment to the Enforcement Measurements via BellSouth's internet website.

3.2.2 Notwithstanding the foregoing, BellSouth may, from time to time, be ordered by a regulatory or judicial body to modify or amend the Enforcement Measurements and/or Statistical Test. BellSouth will make all such changes to the Enforcement Measurements and/or Statistical Test pursuant to Section \_\_\_\_ of the General Terms and Conditions of this Agreement, incorporated herein by reference.

3.2.3 Notwithstanding any other provision of this Agreement, in the event a dispute arises regarding the modification or amendment of the Enforcement Measurements and/or Statistical Test, the parties will refer the dispute to the Commission.

4. **Enforcement Mechanisms**

4.1 Purpose

This section establishes meaningful and significant enforcement mechanisms voluntarily provided by BellSouth to verify and maintain compliance between BellSouth and ECI's operations as well as to maintain access to Operational Support System (OSS) functions. This section provides the terms and conditions for such self-effectuating enforcement mechanisms.

4.2 Effective Date

The enforcement mechanisms set forth in this section shall only become effective upon an effective FCC order, which has not been stayed, authorizing BellSouth to provide interLATA telecommunications services under section 271 of the Act within a particular state and shall only apply to BellSouth's performance in any state in which the FCC has granted BellSouth interLATA authority.

4.3 Definitions

- 4.3.1 Enforcement Measurement Elements means the performance measurements set forth in Exhibit B, attached hereto and incorporated herein by this reference.
- 4.3.2 Enforcement Measurement Benchmark means a competitive level of performance negotiated by BellSouth used to compare the performance of BellSouth and ECI where no analogous process, product or service is feasible. See Exhibit B.
- 4.3.3 Enforcement Measurement Compliance means comparing performance levels provided to BellSouth retail customers with performance levels provided by BellSouth to the CLEC customer, as set forth in Exhibit C, attached hereto and incorporated herein by this reference.
- 4.3.4 Test Statistic and Balancing Critical Value is the means by which enforcement will be determine using statistically valid equations. See Exhibit C.
- 4.3.5 Cell is the point (below the wire center level) at which like-to-like comparisons are made. For example, all BellSouth retail POTS services, for residential customers, requiring a dispatch in a particular wire center, at a particular point in time will be compared directly to ECI resold services for residential customers, requiring a dispatch, in the same wire center, at a particular point in time. When determining compliance, these cells can have a positive or negative value. See Exhibit C.
- 4.3.6 Affected Volume means that proportion of the total ECI volume or CLEC Aggregate volume for which remedies will be paid.
- 4.3.7 Parity Gap refers to the incremental departure from a compliant-level of service. (See Exhibit D). This is also referred to as “diff” in the Statistical paper (See Exhibit C).
- 4.3.8 Tier-1 Enforcement Mechanisms means self-executing liquidated damages paid directly to ECI when BellSouth delivers non-compliant performance of any one of the Enforcement Measurement Elements *for* any month as calculated by BellSouth.
- 4.3.9 Tier-2 Enforcement Mechanisms means Assessments paid directly to a state Public Service Commission (“Commission”) or its designee. Tier 2 Enforcement Mechanisms are triggered by three consecutive monthly failures in a quarter in which BellSouth performance is out of compliance or does not meet the benchmarks for the aggregate of all CLEC data as calculated by BellSouth for a particular Enforcement Measurement Element.



- 4.3.10 Tier-3 Enforcement Mechanisms means the voluntary suspension of additional marketing and sales of long distance services triggered by excessive repeat failures of those specific submeasures as defined in Exhibit D attached hereto and incorporated herein by this reference.
- 4.4 Application
- 4.4.1 The application of the Tier-1, Tier-2, and Tier-3 Enforcement Mechanisms does not foreclose other non-contractual legal and regulatory claims and remedies available to ECI.
- 4.4.2 Proof of damages resulting from BellSouth's failure to maintain Enforcement Measurement Compliance would be difficult to ascertain and, therefore, liquidated damages are a reasonable approximation of any contractual damage. Liquidated damages under this provision are not intended to be a penalty.
- 4.5 Methodology
- 4.5.1 Tier-1 Enforcement Mechanisms will be triggered by BellSouth's failure to achieve Enforcement Measurement Compliance or Enforcement Measurement Benchmarks for the State for a given Enforcement Measurement Element in a given month based upon a test statistic and balancing critical value calculated by BellSouth utilizing BellSouth generated data. The method of calculation is attached hereto as Exhibit D and incorporated herein by this reference.
- 4.5.1.1 Tier-1 Enforcement Mechanisms apply on a per transaction basis for each negative cell and will escalate based upon the number of consecutive months that BellSouth has reported non-compliance.
- 4.5.1.2 Fee Schedule for Tier-1 Enforcement Mechanisms is shown in Table-1 attached hereto as Exhibit E and incorporated herein by this reference. Failures beyond Month 6 (as set forth in Table 1) will be subject to Month 6 fees.
- 4.5.2 Tier-2 Enforcement Mechanisms will be triggered by BellSouth's failure to achieve Enforcement Measurement Compliance or Enforcement Measurement Benchmarks for the State in a given calendar quarter based upon a statistically valid equation calculated by BellSouth utilizing BellSouth generated data. The method of calculation is attached hereto as Exhibit D and incorporated herein by reference.

- 4.5.2.1 Tier- 2 Enforcement Mechanisms apply, for an aggregate of all CLEC data generated by BellSouth, on a per transaction basis for each negative cell for a particular Enforcement Measurement Element.
- 4.5.2.2 Fee Schedule for Total Quarterly Tier-2 Enforcement Mechanisms is show in Table-2 attached hereto as Exhibit E and incorporated herein by this reference.
- 4.5.3 Tier-3 Enforcement Mechanisms will be triggered by BellSouth's failure to achieve Enforcement Measurement Compliance or Enforcement Measurement Benchmarks for a State in a given calendar quarter. The method of calculation for specified submeasures is identical to the method of calculation for Tier-2 Enforcement Mechanisms as described above. The specific submeasures which are the mechanism for triggering and removing a Tier-3 Enforcement Mechanisms are described in more detail in Exhibit D attached hereto and incorporated herein by this reference.
- 4.6 Payment of Tier-1 and Tier-2 Amounts
  - 4.6.1 If BellSouth performance triggers an obligation to pay Tier-1 Enforcement Mechanisms to ECI or an obligation to remit Tier-2 Enforcement Mechanisms to the Commission, BellSouth shall make payment in the required amount on or before the thirtieth (30<sup>th</sup>) day following the due date of the performance measurement report for the month in which the obligation arose.
  - 4.6.2 For each day after the due date that BellSouth fails to pay ECI the required amount, BellSouth will pay interest to ECI at the maximum rate permitted by state law.
  - 4.6.3 For each day after the due date that BellSouth fails to pay the Tier-2 Enforcement Mechanisms, BellSouth will pay the Commission an additional \$1,000 per day.
  - 4.6.4 If ECI disputes the amount paid to ECI for Tier-1 Enforcement Mechanisms, ECI shall submit a written claim to BellSouth within sixty (60) days after the date of the performance measurement report for which the obligation arose. BellSouth shall investigate all claims and provide ECI written findings within thirty (30) days after receipt of the claim. If BellSouth determines ECI is owed additional amounts, BellSouth shall pay ECI such additional amounts within thirty (30) days after its findings along with interest paid at the maximum rate permitted by law.
  - 4.6.5 At the end of each calendar year, BellSouth will have its independent auditing and accounting firm certify that the results of all Tier-1 and Tier-

2 Enforcement Mechanisms were paid and accounted for in accordance with Generally Accepted Account Principles (GAAP).

4.7 Limitations of Liability

- 4.7.1 BellSouth will not be responsible for ECI acts or omissions that cause performance measures to be missed or fail, including but not limited to accumulation and submission of orders at unreasonable quantities or times or failure to submit accurate orders or inquiries. BellSouth shall provide ECI with reasonable notice of such acts or omissions and provide ECI any such supporting documentation.
- 4.7.2 BellSouth shall not be obligated for Tier-1, Tier-2 or Tier 3 Enforcement Mechanisms for non-compliance with a performance measure if such non-compliance was the result of an act or omission by ECI that is in bad faith.
- 4.7.3 BellSouth shall not be obligated to pay Tier-1 Enforcement Mechanisms or Tier-2 Enforcement Mechanism for non-compliance with a performance measurement if such non-compliance was the result of any of the following: a Force Majeure event as set forth in the General Terms and Conditions of this Agreement; an act or omission by ECI that is contrary to any of its obligations under its Interconnection Agreement with BellSouth; an act or omission by ECI that is contrary to any of its obligations under the Act, Commission rule, or state law; an act or omission associated with third-party systems or equipment; or any occurrence that results from an incident reasonably related to the Y2K problem.
- 4.7.4 It is not the intent of the Parties that BellSouth be liable for both Tier-2 Enforcement Mechanisms and any other assessments or sanctions imposed by the Commission. ECI will not oppose any effort by BellSouth to set off Tier-2 Enforcement Mechanisms from any additional assessment imposed by the Commission.
- 4.7.5 Payment of any Tier-1 or Tier-2 Enforcement Mechanisms shall not be considered as an admission against interest or an admission of liability or culpability in any legal, regulatory or other proceeding relating to BellSouth's performance. The payment of any Tier-1 Enforcement Mechanisms to ECI shall release BellSouth for any liability associated with or related to the service performance measurement for the month for which the Enforcement Mechanisms was paid to ECI.
- 4.7.6 ECI acknowledges and argues that the Enforcement Mechanisms contained in this attachment have been provided by BellSouth on a completely voluntary basis in order to maintain compliance between BellSouth and ECI. Therefore, ECI may not use the existence of this

section or any payments of any Tier-1 or Tier-2 Enforcement Mechanisms under this section as evidence that BellSouth has not complied with or has violated any state or federal law or regulation.

4.8 Enforcement Mechanism Caps

4.8.1 BellSouth's liability for the payment of Tier-1 and Tier-2 Enforcement Mechanisms shall be collectively capped at \$625M per year for the entire BellSouth region as set forth below.

AL - \$54M	MS - \$44M
FL - \$122M	NC - \$77M
GA - \$131M	SC - \$47M
KY - \$34M	TN - \$57M
LA - \$59M	
Regional Total - \$625M	

4.8.2 If BellSouth's liability for the payment of Tier-1 and Tier-2 Enforcement Mechanisms exceed the caps referenced in this attachment, ECI may commence a proceeding with the Commission to demonstrate why BellSouth should pay any amount in excess of the cap. ECI shall have the burden of proof to demonstrate why, under the circumstances, BellSouth should have additional liability.

4.9 Dispute Resolution

4.9.1 Notwithstanding any other provision of this Agreement, any dispute regarding BellSouth's performance or obligations pursuant to this Attachment shall be resolved by the Commission.

# EXHIBIT A

## **PRE-ORDERING - OSS**

<b>Report/Measurement :</b>	
Average OSS Response Time and Response Interval	
<b>Definition:</b>	
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).	
<b>Exclusions:</b>	
None	
<b>Business Rules:</b>	
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.	
<b>Level of Disaggregation:</b>	
<p>RSAG – Address (Regional Street Address Guide- Address) - stores street address information used to validate customer addresses</p> <p>RSAG – TN (Regional Street Address Guide- Telephone Number) – contains information about facilities available and telephone numbers working at a given address.</p> <p>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.</p> <p>COFFI (Central Office Feature File Interface) - stores information about product and service offerings and availability.</p> <p>DSAP (DOE Support Application) – provides due date information.</p> <p>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> <p>P/SIMS (Product/Services Inventory Management System) – provides information on capacity, tariffs, inventory and service availability.</p> <p>OASIS (Obtain Available Services Information Systems ) - Information on feature and rate availability.</p>	
<b>Calculation:</b>	
$\Sigma[(\text{Date \& Time of Legacy Response}) - (\text{Date \& Time of Request to Legacy})] / (\text{Number of Legacy Requests During the Reporting Period}) \times 100$	
<b>Report Structure:</b>	
Not CLEC Specific	
Not product/service specific	
Regional Level	
Data Retained Relating to CLEC Experience:	Data Retained Relating to BST Performance:
Report Month	Report Month
Legacy Contract (per reporting dimension)	Legacy Contract (per reporting dimension)
Response Interval	Response Interval
Regional Scope	Regional Scope
<b>Retail Analog/Benchmark</b>	
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**

<b>Report/Measurement:</b>	
OSS Interface Availability	
<b>Definition:</b>	
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	
<b>Exclusions:</b>	
None	
<b>Business Rules:</b>	
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.	
<b>Level of Disaggregation:</b>	
Regional Level	
<b>Calculation:</b>	
$(\text{Functional Availability}) / (\text{Scheduled Availability}) \times 100$	
<b>Report Structure:</b>	
Not CLEC Specific Not product/service specific Regional Level	
<b>Data Retained Relating to CLEC Experience</b>	<b>Data Retained Relating to BST Experience</b>
Report Month	Report Month
Legacy contract type (per reporting dimension)	Legacy contract type (per reporting dimension)
Regional Scope	Regional Scope
<b>Retail Analog/Benchmark:</b>	
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**

<b>Report/Measurement:</b>
Percent Flow Through Service Requests (Summary)
<b>Definition:</b>
The percentage of Local Service Requests (LSR) submitted electronically via the CLEC mechanized ordering process that flow through to SOCS without manual intervention
<b>Exclusions:</b>
Fatal Rejects Auto Clarification Manual Fallout CLEC System Fallout Supplements (subsequent versions) to cancel LSRs that are not LESOG eligible (Under development)
<b>Business Rules:</b>
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.
<b>Definitions:</b>
<b>Fatal Rejects:</b> 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.
<b>Auto-Clarification:</b> 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.
<b>Manual Fallout:</b> 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.
<b>Total System Fallout:</b> 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)**

<b>Calculation:</b>	
<p>Percent Flow Through Service Requests = <math>\Sigma[(\text{Total number of valid service requests that flow-through to SOCS}) / (\text{Total number of valid service requests delivered to SOCS}) \times 100]</math></p> <p>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) – <math>\Sigma[(\text{the number of LSRs that fall out for manual processing}) + (\text{the number of LSRs that are returned to the CLEC for clarification}) + (\text{the number of LSRs that contain errors made by CLECs})] \times 100.</math></p>	
<b>Report Structure:</b>	
<ul style="list-style-type: none"> <li>CLEC Aggregate <ul style="list-style-type: none"> <li>Region</li> </ul> </li> </ul>	
<b>Level of Disaggregation:</b>	
<ul style="list-style-type: none"> <li>Geography <ul style="list-style-type: none"> <li>Region</li> </ul> </li> <li>Product (Under Development) <ul style="list-style-type: none"> <li>Residence</li> <li>Business</li> <li>UNE</li> <li>Special</li> </ul> </li> </ul>	
<b><u>DATA RETAINED RELATING TO CLEC EXPERIENCE</u></b>	<b><u>DATA RETAINED RELATING TO BST EXPERIENCE</u></b>
<p>Report month</p> <ul style="list-style-type: none"> <li>Total number of LSRs received, by interface, by CLEC: <ul style="list-style-type: none"> <li>TAG</li> <li>EDI</li> <li>LENS</li> </ul> </li> <li>Total number of errors by type, by CLEC: <ul style="list-style-type: none"> <li>Fatal rejects</li> <li>Total fallout for manual processing</li> <li>Auto clarification</li> <li>CLEC caused system fallout</li> </ul> </li> <li>Total number of errors by error code</li> </ul>	<p><b>Report month</b></p> <ul style="list-style-type: none"> <li>Total number of errors by type: <ul style="list-style-type: none"> <li>BST system error</li> </ul> </li> </ul>
<b>Retail Analog/Benchmark:</b>	
CLEC Flow Through/benchmark comparison (Under Development)	

## **ORDERING**

<b>Report/Measurement:</b>
Percent Flow Through Service Requests (Detail)
<b>Definition:</b>
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.
<b>Exclusions:</b>
<ul style="list-style-type: none"> <li>• Fatal Rejects</li> <li>• Auto Clarification</li> <li>• Manual Fallout</li> <li>• CLEC System Fallout</li> <li>• Supplements (subsequent versions) to cancel LSRs that are not LESOG eligible (Under development)</li> </ul>
<b>Business Rules:</b>
<p>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.</p> <p><b>Definitions:</b></p> <p><b>Fatal Rejects:</b> 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.</p> <p><b>Auto-Clarification:</b> 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.</p> <p><b>Manual Fallout:</b> 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:</p> <ol style="list-style-type: none"> <li>1. Complex services*</li> <li>2. Expedites (requested by the CLEC)</li> <li>3. Special pricing plans</li> <li>4. Denials-restore and conversion, or disconnect and conversion orders</li> <li>5. Partial migrations</li> <li>6. Class of service invalid in certain states with some types of service</li> <li>7. New telephone number not yet posted to BOCRIS</li> <li>8. Low volume such as activity type "T" (move)</li> <li>9. Pending order review required</li> <li>10. More than 25 business lines</li> <li>11. Restore or suspend for UNE combos</li> <li>12. Transfer of calls option for the CLEC's end users</li> <li>13. CSR inaccuracies such as invalid or missing CSR data in CRIS</li> </ol> <p>*Attached is a list of services, including complex services, and whether LSRs issued for the services are eligible to flow through.</p> <p><b>Total System Fallout:</b> 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.</p>

**ORDERING – (Percent Flow Through Service Requests (Detail) – Continued)**

<b>Calculation:</b> 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  <b>Description:</b> 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.	
<b>Report Structure:</b> <ul style="list-style-type: none"> <li>Provides the flow through percentage for each CLEC (by alias designation) submitting LSRs through the CLEC mechanized ordering process. The report provides the following: <ul style="list-style-type: none"> <li>CLEC (by alias designation)</li> <li>Number of fatal rejects</li> <li>Mechanized interface used</li> <li>Total mechanized LSRs</li> <li>Total manual fallout</li> <li>Number of auto clarifications returned to CLEC</li> <li>Number of validated LSRs</li> <li>Number of BST caused fallout</li> <li>Number of CLEC caused fallout</li> <li>Number of Service Orders Issued</li> <li>Base calculation</li> <li>CLEC error excluded calculation</li> </ul> </li> </ul>	
<b>Level of Disaggregation:</b> <ul style="list-style-type: none"> <li>CLEC Specific (by alias designation to protect CLEC specific proprietary data)</li> <li>Geographic: <ul style="list-style-type: none"> <li>Region</li> </ul> </li> <li>Product (Under development) <ul style="list-style-type: none"> <li>Residence</li> <li>Business</li> <li>UNE</li> <li>Special</li> </ul> </li> </ul>	
<b><u>DATA RETAINED RELATING TO CLEC EXPERIENCE</u></b> <b>REPORT MONTH</b> <ul style="list-style-type: none"> <li>Total number of LSRs received, by interface, by CLEC <ul style="list-style-type: none"> <li>TAG</li> <li>EDI</li> <li>LENS</li> </ul> </li> <li>Total number of errors by type, by CLEC <ul style="list-style-type: none"> <li>Fatal rejects</li> <li>Total fallout for manual processing</li> <li>Auto clarification</li> <li>CLEC errors</li> </ul> </li> <li>Total number of errors by error code</li> </ul>	<b><u>DATA RETAINED RELATING TO BST EXPERIENCE</u></b> <b>REPORT MONTH</b> <ul style="list-style-type: none"> <li>Total number of errors by type: <ul style="list-style-type: none"> <li>BST system error</li> </ul> </li> </ul>
<b>Retail Analog/Benchmark:</b> CLEC Flow Through/benchmark comparison (Under development)	

## **ORDERING**

<b>Report/Measurement:</b>	
Flow Through Error Analysis	
<b>Definition:</b>	
An analysis of each error type (by error code) that was experienced by the LSRs that did not flow through to SOCS.	
<b>Exclusions:</b>	
Each Error Analysis is error code specific; therefore exclusions are not applicable.	
<b>Business Rules:</b>	
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).	
<b>Calculation:</b>	
$\Sigma$ Of errors by type.	
<b>Report Structure:</b>	
<ul style="list-style-type: none"> <li>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: <ul style="list-style-type: none"> <li>➤ Error Type (by error code)</li> <li>➤ Count of each error type</li> <li>➤ Percent of each error type</li> <li>➤ Cumulative percent</li> <li>➤ Error Description</li> <li>➤ CLEC Caused Count of each error code</li> <li>➤ Percent of aggregate by CLEC caused count</li> <li>➤ Percent of CLEC by CLEC caused count</li> <li>➤ BST Caused Count of each error code</li> <li>➤ Percent of aggregate by BST caused count</li> <li>➤ Percent of BST by BST caused count</li> </ul> </li> </ul>	
<b>Level of Disaggregation:</b>	
Region	
<b><u>DATA RETAINED RELATING TO CLEC EXPERIENCE</u></b>	<b><u>DATA RETAINED RELATING TO BST EXPERIENCE</u></b>
<b><u>REPORT MONTH</u></b> <ul style="list-style-type: none"> <li>Total number of LSRs received</li> <li>Total number of errors by type ( by error code) <ul style="list-style-type: none"> <li>➤ CLEC caused error</li> </ul> </li> </ul>	<b><u>REPORT MONTH</u></b> <ul style="list-style-type: none"> <li>Total number of errors by type (by error code) <ul style="list-style-type: none"> <li>➤ BST system error</li> </ul> </li> </ul>
<b>Retail Analog/Benchmark:</b>	
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**

<b>Report/Measurement:</b>	
Percent Rejected Service Requests	
<b>Definition:</b>	
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.	
<b>Exclusions:</b>	
Service Requests canceled by the CLEC prior to being rejected/clarified.	
<b>Business Rules:</b>	
<p><b>Fully Mechanized:</b> 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:</p> <ul style="list-style-type: none"> <li>• 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.</li> <li>• 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.</li> </ul> <p><b>Partially Mechanized:</b> 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.</p> <p>Total Mechnized: Combination of Fully Mechnized and Partially Mechanized LSRs.</p> <p><b>Non Mechanized:</b> 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.</p> <p><b>LNP:</b> Under Development</p>	
<b>Calculation</b>	
Percent Rejected Service Requests = (Total Number of Rejected Service Requests) / (Total Number of Service Requests Received) X 100 during the month.	
<b>Report Structure:</b>	
<ul style="list-style-type: none"> <li>• Fully Mechanized, Partially Mechanized, Total Mechanized, Non-Mechanized</li> <li>• State and Region</li> <li>• CLEC Specific</li> <li>• CLEC Aggregate</li> </ul>	
<b>Level of Disaggregation:</b>	
<ul style="list-style-type: none"> <li>• Resale Residence</li> <li>• Resale Business</li> <li>• Resale Specials</li> <li>• UNE</li> <li>• UNE Loop with NP</li> <li>• Other</li> <li>• Trunks</li> </ul>	
<b><u>DATA RETAINED RELATING TO CLEC EXPERIENCE:</u></b>	<b><u>DATA RETAINED RELATING TO BST PERFORMANCE:</u></b>
<ul style="list-style-type: none"> <li>• Report Month</li> <li>• Total number of LSRs</li> <li>• Total number of Rejects</li> <li>• Total Number of Errors</li> <li>• State and Region</li> </ul>	<ul style="list-style-type: none"> <li>• Report Month</li> <li>• Total number of LSRs</li> <li>• Total number of Errors</li> <li>• Adjusted Error Volume</li> <li>• State and Region</li> </ul>
<b><u>RETAIL ANALOG/BENCHMARK:</u></b>	
<b><u>BENCHMARK IS UNDER DEVELOPMENT. RETAIL ANALOG ALSO UNDER DEVELOPMENT.</u></b>	

## **ORDERING**

<b>Report/Measurement:</b>	
Reject Interval	
<b>Definition:</b>	
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.	
<b>Exclusions:</b>	
Service Requests canceled by CLEC prior to being rejected/clarified	
<b>Business Rules:</b>	
<ul style="list-style-type: none"> <li>• <b>Fully Mechanized:</b> 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.</li> <li>• <b>Partially Mechanized:</b> 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.</li> <li>• <b>Total Mechanized</b> Combination of Fully Mechanized and Partially Mechanized LSRs.</li> <li>• <b>Non-Mechanized:</b> 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.</li> <li>• <b>LNP:</b> Under development.</li> </ul>	
<b>Calculation:</b>	
$\text{Reject Interval} = \frac{\sum[(\text{Date and Time of Service Request Rejection}) - (\text{Date and Time of Service Request Receipt})]}{(\text{Number of Service Requests Rejected in Reporting Period})}$	
<b>Report Structure:</b>	
<ul style="list-style-type: none"> <li>• CLEC Specific</li> <li>• CLEC Aggregate</li> <li>• Fully Mechanized, Partially Mechanized, Total Mechanized, Non-Mechanized, Trunks</li> </ul>	
<b>Level of Disaggregation:</b>	
<ul style="list-style-type: none"> <li>• Product Reporting Levels <ul style="list-style-type: none"> <li>➢ Interconnection Trunks</li> <li>➢ Resale – Residence</li> <li>➢ Resale – Business</li> <li>➢ Resale – Design</li> <li>➢ UNE Design</li> <li>➢ UNE Non- Design</li> <li>➢ UNE Loop with and w/o NP</li> </ul> </li> <li>• Geographic Scope <ul style="list-style-type: none"> <li>➢ State, Region and further geographic disaggregation as required by State Commission Order</li> </ul> </li> <li>• Mechanized: 0-4 minutes, 4-8 minutes, 8-12 minutes, 12-60 minutes, 0-1 hour 1-8 hours, 8-24 hours, &gt;24 hours.</li> <li>• Non-mechanized: 0-1 hour, 1-4 hours, 4-8 hours, 8-12 hours, 12-16 hours, 16-20 hours, 20-24 hours &gt;24 hours</li> <li>• Average Interval in Days.</li> <li>• Trunks</li> </ul>	
<b><u>DATA RETAINED RELATING TO CLEC EXPERIENCE:</u></b>	<b><u>DATA RETAINED RELATING TO BST PERFORMANCE:</u></b>
<ul style="list-style-type: none"> <li>• Report Month</li> <li>• Reject Interval</li> <li>• Total Number of LSRs</li> <li>• Total number of Errors</li> <li>• State and Region</li> </ul>	<ul style="list-style-type: none"> <li>• Report Month</li> <li>• Reject Interval</li> <li>• Total number of LSRs</li> <li>• Total number of Errors</li> <li>• State and Region</li> </ul>
<b>Retail Analog/Benchmark:</b>	
Benchmark is under development. Retail Analog also under development.	

## **ORDERING**

<b>Report/Measurement:</b>	
Firm Order Confirmation Timeliness	
<b>Definition:</b>	
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.	
<b>Exclusions:</b>	
<ul style="list-style-type: none"> <li>Rejected LSRs</li> <li>Partially Mechanized or Non-Mechanized LSRs received and/or FOCd outside of normal business hours.</li> </ul>	
<b>Business Rules:</b>	
<ul style="list-style-type: none"> <li><b>Mechanized</b> - 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.</li> <li><b>Partially Mechanized</b> – 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.</li> <li><b>Total Mechanized</b> - Combination of Fully Mechanized and Partially Mechanized LSRs</li> <li><b>Non-Mechanized</b> - 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.</li> <li><b>LNP</b> – Under development.</li> </ul>	
<b>Calculation:</b>	
Firm Order Confirmation Timeliness = $\Sigma[(\text{Date and Time of Firm Order Confirmation}) - (\text{Date and Time of Service Request Receipt})] / (\text{Number of Service Requests Confirmed in Reporting Period})$	
<b>Report Structure:</b>	
<ul style="list-style-type: none"> <li>Fully Mechanized, Partially Mechanized, Total Mechanized, Non-Mechanized</li> <li>CLEC Specific</li> <li>CLEC Aggregate</li> </ul>	
<b>Level of Disaggregation:</b>	
<ul style="list-style-type: none"> <li>Product Reporting Levels <ul style="list-style-type: none"> <li>➢ Interconnection Trunks</li> <li>➢ Resale – Residence</li> <li>➢ Resale – Business</li> <li>➢ Resale – Design</li> <li>➢ UNE Design</li> <li>➢ UNE Non- Design</li> <li>➢ UNE Loop with and w/o NP</li> <li>➢ Trunks</li> </ul> </li> <li>Geographic Scope <ul style="list-style-type: none"> <li>➢ State, Region and further geographic disaggregation (MSA) as required by State Commission Order</li> </ul> </li> <li>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, &gt; 48 hours.</li> <li>Non-mechanized: 0-4 hours, 4-8 hours, 8-12 hours, 12-16 hours, 16-20 hours, 20-24 hours, 24-48 hours, &gt; 48 hours.</li> <li>Trunks: 0-5 days, 6-8 days, 9-11 days, 12-14 days, 15-17 days, 18-20 days, &gt; 20 days</li> <li>&lt; 10 and &gt; 10 Circuits/Lines</li> <li>Average Interval in Days.</li> </ul>	
<b><u>DATA RETAINED RELATING TO CLEC EXPERIENCE:</u></b>	<b><u>DATA RETAINED RELATING TO BST PERFORMANCE:</u></b>
<ul style="list-style-type: none"> <li>Report Month</li> <li>Interval for FOC</li> <li>Total number of LSRs</li> <li>State and Region</li> </ul>	<ul style="list-style-type: none"> <li>Report Month</li> <li>Interval for FOC</li> <li>Total Number of LSRs</li> <li>State and Region</li> </ul>
<b>Retail Analog/Benchmark:</b>	
Benchmark is under development. Retail Analog also under development.	

## **ORDERING**

<b>Report/Measurement:</b>	
Speed of Answer in Ordering Center	
<b>Definition:</b>	
Measures the average time a customer is in queue.	
<b>Exclusions:</b>	
None	
<b>Business Rules:</b>	
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.	
<b>Calculation:</b>	
$(\text{Total time in seconds to reach the LCSC}) / (\text{Total Number of Calls})$ in the Reporting Period.	
<b>Report Structure:</b>	
<ul style="list-style-type: none"> <li>CLEC Aggregate</li> <li>BST Aggregate (Combination of Residence Service Center and Business Service Center data under development.)</li> </ul>	
<b>Level of Disaggregation:</b>	
<ul style="list-style-type: none"> <li>CLEC Aggregate</li> <li>BST Aggregate (Combination of Residence Service Center and Business Service Center data under development.)</li> </ul>	
<b><u>DATA RETAINED RELATING TO CLEC EXPERIENCE:</u></b>	<b><u>DATA RETAINED RELATING TO BST PERFORMANCE:</u></b>
<ul style="list-style-type: none"> <li>Mechanized tracking through LCSC Automatic Call Distributor</li> </ul>	<ul style="list-style-type: none"> <li>Mechanized tracking through BST Retail center support systems</li> </ul>
<b>Retail Analog/Benchmark:</b>	
For CLEC, Speed of Answer in Ordering Center (LCSC) is comparable to Speed of Answer in BST Business Offices.	

## **PROVISIONING**

<b>Report/Measurement:</b>
Mean Held Order Interval & Distribution Intervals
<b>Definition:</b>
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.
<b>Exclusions:</b>
<ul style="list-style-type: none"> <li>Any order canceled by the CLEC will be excluded from this measurement.</li> <li>Order Activities of BST associated with internal or administrative use of local services.</li> </ul>
<b>Business Rules:</b>
<p><b>Mean Held Order Interval:</b> 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.</p> <p><b>Held Order Distribution Interval:</b> This measure provides data to report total days held and identifies these in categories of &gt;15 days and &gt; 90 days. (orders counted in &gt;90 days are also included in &gt;15 days).</p>
<b>Calculation:</b>
<p><b>Mean Held Order Interval:</b>  <math display="block">\frac{\sum (\text{Reporting Period Close Date} - \text{Committed Order Due Date})}{(\text{Number of Orders Pending and Past The Committed Due Date})}</math> for all orders pending and past the committed due date.</p> <p><b>Held Order Distribution Interval:</b>  <math display="block">\frac{(\# \text{ of Orders Held for } 90 \text{ days})}{(\text{Total } \# \text{ of Orders Pending But Not Completed})} \times 100</math> <math display="block">\frac{(\# \text{ of Orders Held for } 15 \text{ days})}{(\text{Total } \# \text{ of Orders Pending But Not Completed})} \times 100</math></p>
<b>Report Structure:</b>
<ul style="list-style-type: none"> <li>CLEC Specific</li> <li>CLEC Aggregate</li> <li>BST Aggregate</li> </ul>
<b>Level of Disaggregation:</b>
<ul style="list-style-type: none"> <li>Product Reporting Levels <ul style="list-style-type: none"> <li>➤ POTS – Residence</li> <li>➤ POTS – Business</li> <li>➤ DESIGN</li> <li>➤ PBX</li> <li>➤ CENTREX</li> <li>➤ ISDN</li> <li>➤ UNE 2 Wire Loop with NP (Design and Non-Design)</li> <li>➤ UNE 2 Wire Loop without NP (Design and Non-Design)</li> <li>➤ UNE Loop Other with NP (Design and Non-Design)</li> <li>➤ UNE Loop Other without NP (Design and Non-Design)</li> <li>➤ UNE Other (Design and Non-Design)</li> <li>➤ Switching (Under development)</li> <li>➤ Local Transport (Under development)</li> <li>➤ Combos (Under development)</li> <li>➤ NP (Under development as separate category)</li> <li>➤ Local Interconnection Trunks</li> </ul> </li> <li>Geographic Scope <ul style="list-style-type: none"> <li>➤ State, Region, and further geographic disaggregation (MSA) as required by State Commission Order</li> </ul> </li> </ul>

**PROVISIONING – (Mean Held Order Interval & Distribution Intervals – Continued)**

<b><u>DATA RETAINED RELATING TO CLEC EXPERIENCE</u></b>	<b><u>DATA RETAINED RELATING TO BST EXPERIENCE</u></b>
<ul style="list-style-type: none"> <li>• Report Month</li> <li>• CLEC Order Number and PON (PON)</li> <li>• Order Submission Date (TICKET_ID)</li> <li>• Committed Due Date (DD)</li> <li>• Service Type(CLASS_SVC_DESC)</li> <li>• Hold Reason</li> <li>• Total line/circuit count (under development)</li> <li>• Geographic Scope</li> </ul> <p><b>NOTE:</b> Code in parentheses is the corresponding header found in the raw data file.</p>	<ul style="list-style-type: none"> <li>• Report Month</li> <li>• BST Order Number</li> <li>• Order Submission Date</li> <li>• Committed Due Date</li> <li>• Service Type</li> <li>• Hold Reason</li> <li>• Geographic Scope</li> </ul>
<b>Retail Analog/Benchmark:</b> 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**

<b>Report/Measurement:</b>	
Average Jeopardy Notice Interval & Percentage of Orders Given Jeopardy Notice	
<b>Definition:</b>	
When BST can determine in advance that a committed due date is in jeopardy, it will provide advance notice to the CLEC.	
<b>Exclusions:</b>	
<ul style="list-style-type: none"> <li>Any order canceled by the CLEC will be excluded from this measurement</li> <li>Orders held for CLEC end user reasons</li> <li>Orders submitted to BST through non-mechanized methods</li> </ul>	
<b>Business Rules:</b>	
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.	
<b>Calculation:</b>	
<p><b>Average Jeopardy Interval</b> = <math>\sum [(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]</math>.</p> <p><b>Percent of Orders Given Jeopardy Notice</b> = <math>\sum [ (Number\ of\ Orders\ Given\ Jeopardy\ Notices\ in\ Reporting\ Period) / (Number\ of\ Orders\ Confirmed\ (due)\ in\ Reporting\ Period)]</math></p>	
<b>Report Structure:</b>	
<ul style="list-style-type: none"> <li>CLEC Specific and CLEC Aggregate</li> <li>BST Aggregate (under development with estimated release date of 8/15/99 for June reporting)</li> </ul>	
<b>Level of Disaggregation:</b>	
<ul style="list-style-type: none"> <li>Product Reporting Levels <ul style="list-style-type: none"> <li>➤ POTS – Residence</li> <li>➤ POTS – Business</li> <li>➤ DESIGN</li> <li>➤ PBX</li> <li>➤ CENTREX</li> <li>➤ ISDN</li> <li>➤ UNE 2 Wire Loop with NP (Design and Non-Design)</li> <li>➤ UNE 2 Wire Loop without NP (Design and Non-Design)</li> <li>➤ UNE Loop Other with NP (Design and Non-Design)</li> <li>➤ UNE Loop Other without NP (Design and Non-Design)</li> <li>➤ UNE Other (Design and Non-Design)</li> <li>➤ Switching (Under development)</li> <li>➤ Local Transport (Under development)</li> <li>➤ Combos (Under development)</li> <li>➤ NP (Under development as separate category)</li> <li>➤ Local Interconnection Trunks</li> <li>➤ Geographic Scope <ul style="list-style-type: none"> <li>➤ State, Region, and further geographic disaggregation (MSA) as required by State Commission Order</li> </ul> </li> </ul> </li> </ul>	
<p><b><u>DATA RETAINED RELATING TO CLEC EXPERIENCE</u></b></p> <ul style="list-style-type: none"> <li>Report Month</li> <li>CLEC Order Number and PON</li> <li>Date and Time Jeopardy Notice sent</li> <li>Committed Due Date</li> <li>Service Type</li> </ul> <p><b>NOTE:</b> Code in parentheses is the corresponding header found in the raw data file.</p>	<p><b><u>DATA RETAINED RELATING TO BST EXPERIENCE</u></b></p> <ul style="list-style-type: none"> <li>Report Month</li> <li>CLEC Order Number and PON</li> <li>Date and Time Jeopardy Notice sent</li> <li>Committed Due Date</li> <li>Service Type</li> </ul> <p><b>NOTE:</b> Code in parentheses is the corresponding header found in the raw data file.</p>
<b>Retail Analog/Benchmark:</b>	
Retail Analog	

## **PROVISIONING**

<b>Report/Measurement:</b>
Percent Missed Installation Appointments
<b>Definition:</b>
“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.
<b>Exclusions:</b>
<ul style="list-style-type: none"> <li>• Canceled Service Orders</li> <li>• Order Activities of BST or the CLEC associated with internal or administrative use of local services (Record Orders, Test Orders, etc.)</li> <li>• Disconnect (D) &amp; From (F) orders</li> </ul>
<b>Business Rules:</b>
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.
<b>Calculation:</b>
Percent Missed Installation Appointments = $\sum (\text{Number of Orders Not Complete by Committed Due Date in Reporting Period}) / (\text{Number of Orders Completed in Reporting Period}) \times 100$
<b>Report Structure:</b>
<ul style="list-style-type: none"> <li>• CLEC Specific</li> <li>• CLEC Aggregate</li> <li>• BST Aggregate</li> </ul>
<b>Report explanation:</b> 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.
<b>Level of Disaggregation:</b>
<ul style="list-style-type: none"> <li>• Reported in categories of &lt;10 line/circuits; &gt; 10 line/circuits</li> <li>• Dispatch / No Dispatch</li> <li>• Product Reporting Levels <ul style="list-style-type: none"> <li>➢ POTS – Residence</li> <li>➢ POTS – Business</li> <li>➢ DESIGN</li> <li>➢ PBX</li> <li>➢ CENTREX</li> <li>➢ ISDN</li> <li>➢ UNE 2 Wire Loop with NP (Design and Non-Design)</li> <li>➢ UNE 2 Wire Loop without NP (Design and Non-Design)</li> <li>➢ UNE Loop Other with NP (Design and Non-Design)</li> <li>➢ UNE Loop Other without NP (Design and Non-Design)</li> <li>➢ UNE Other (Design and Non-Design)</li> <li>➢ Switching (Under development)</li> <li>➢ Local Transport (Under development)</li> <li>➢ Combos (Under development)</li> <li>➢ NP (Under development as separate category)</li> <li>➢ Local Interconnection Trunks</li> <li>➢ Geographic Scope <ul style="list-style-type: none"> <li>➢ State, Region, and further geographic disaggregation (MSA) as required by State Commission Order</li> </ul> </li> </ul> </li> </ul>



**PROVISIONING (Percent Missed Installation Appointments – Continued)**

<b><u>DATA RETAINED RELATING TO CLEC EXPERIENCE</u></b>	<b><u>DATA RETAINED RELATING TO BST EXPERIENCE</u></b>
<ul style="list-style-type: none"> <li>• Report Month</li> <li>• CLEC Order Number and PON (PON)</li> <li>• Committed Due Date (DD)</li> <li>• Completion Date (CMPLTN DD)</li> <li>• Status Type</li> <li>• Status Notice Date</li> <li>• Standard Order Activity</li> <li>• Geographic Scope</li> </ul> <p><b>NOTE:</b> Code in parentheses is the corresponding header found in the raw data file.</p>	<ul style="list-style-type: none"> <li>• Report Month</li> <li>• BST Order Number</li> <li>• Committed Due Date</li> <li>• Completion Date</li> <li>• Status Type</li> <li>• Status Notice Date</li> <li>• Standard Order Activity</li> <li>• Geographic Scope</li> </ul>
<p><b>Retail Analog/Benchmark:</b></p> <p>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)</p>	

## **PROVISIONING**

<b>Report/Measurement :</b>
Average Completion Interval (OCI) & Order Completion Interval Distribution
<b>Definition:</b>
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.
<b>Exclusions:</b>
<ul style="list-style-type: none"> <li>• Canceled Service Orders</li> <li>• Order Activities of BST or the CLEC associated with internal or administrative use of local services</li> <li>• (Record Orders, Test Orders, etc.)</li> <li>• D (Disconnect) and F (From) orders. (From is disconnect side of a move order when the customer moves to a new address).</li> <li>• “L” Appointment coded orders (where the customer has requested a later than offered interval)</li> </ul>
<b>Business Rules:</b>
<p>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 entered 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</p>
<b>Calculation :</b>
<p><b>Average Completion Interval:</b></p> $\Sigma [ (\text{Completion Date \& Time}) - (\text{Order Issue Date \& Time}) ] / \Sigma (\text{Count of Orders Completed in Reporting Period})$ <p><b>Order Completion Interval Distribution:</b></p> $\Sigma (\text{Service Orders Completed in “X” days}) / (\text{Total Service Orders Completed in Reporting Period}) \times 100$
<b>Report Structure:</b>
<ul style="list-style-type: none"> <li>• CLEC Specific</li> <li>• CLEC Aggregate</li> <li>• BST Aggregate</li> </ul>
<b>Level of Disaggregation:</b>
<ul style="list-style-type: none"> <li>• Dispatch/No Dispatch categories applicable to all levels except trunks.</li> <li>• Residence &amp; Business reported in day intervals = 0,1,2,3,4, 5, 5+</li> <li>• UNE and Design reported in day intervals = 0-5, 5-10, 10-15, 15-20, 20-25, 25-30, 30+</li> <li>• All Levels are reported &lt;10 line/circuits; &gt;10 line/circuits</li> <li>• Product Reporting Levels <ul style="list-style-type: none"> <li>➢ POTS – Residence</li> <li>➢ POTS – Business</li> <li>➢ DESIGN</li> <li>➢ PBX</li> <li>➢ CENTREX</li> <li>➢ ISDN</li> <li>➢ UNE 2 Wire Loop with NP (Design and Non-Design)</li> <li>➢ UNE 2 Wire Loop without NP (Design and Non-Design)</li> <li>➢ UNE Loop Other with NP (Design and Non-Design)</li> <li>➢ UNE Loop Other without NP (Design and Non-Design)</li> <li>➢ UNE Other (Design and Non-Design)</li> <li>➢ Switching (Under development)</li> <li>➢ Local Transport (Under development)</li> <li>➢ Combos (Under development)</li> <li>➢ NP (Under development as separate category)</li> <li>➢ Local Interconnection Trunks</li> <li>➢ Geographic Scope</li> <li>➢ State, Region, and further geographic disaggregation (MSA) as required by State Commission Order</li> </ul> </li> </ul>

**PROVISIONING –**  
**(Average Completion Interval (OCI) & Order Completion Interval Distribution - Continued)**

<b><u>DATA RETAINED RELATING TO CLEC EXPERIENCE</u></b>	<b><u>DATA RETAINED RELATING TO BST EXPERIENCE</u></b>
<ul style="list-style-type: none"> <li>• Report Month</li> <li>• CLEC Company Name</li> <li>• Order Number (PON)</li> <li>• Submission Date &amp; Time (TICKET_ID)</li> <li>• Completion Date (CMPLTN_DT)</li> <li>• Service Type (CLASS_SVC_DESC)</li> <li>• Geographic Scope</li> </ul> <p><b>NOTE:</b> Code in parentheses is the corresponding header found in the raw data file.</p>	<ul style="list-style-type: none"> <li>• Report Month</li> <li>• CLEC Order Number</li> <li>• Order Submission Date &amp; Time</li> <li>• Order Completion Date &amp; Time</li> <li>• Service Type</li> <li>• Geographic Scope</li> </ul>
<b><u>RETAIL ANALOG/BENCHMARK</u></b> 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**

<b>Report/Measurement:</b>
Average Completion Notice Interval
<b>Definition:</b>
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.
<b>Exclusions:</b>
<ul style="list-style-type: none"> <li>• Non-mechanized Orders</li> <li>• Cancelled Service Orders</li> <li>• Order Activities of BST associated with internal or administrative use of local services</li> <li>• D &amp; F orders</li> </ul>
<b>Business Rules:</b>
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.
<b>Calculation:</b>
$\Sigma (\text{Date and Time of Notice of Completion}) - (\text{Date and Time of Work Completion}) / (\text{Number of Orders Completed in Reporting Period})$
<b>Report Structure:</b>
<ul style="list-style-type: none"> <li>• CLEC Specific</li> <li>• CLEC Aggregate</li> <li>• BST Aggregate (in development-expected release date 08/15/99 reporting)</li> </ul>
<b>Level of Disaggregation:</b>
<ul style="list-style-type: none"> <li>• Reporting intervals in Hours: 0-1, 1-2, 2-4, 4-8, 8-12, 12-24, &gt; 24, plus Overall Average Hour Interval</li> <li>• Reported in categories of &lt;10 line/circuits; &gt; 10 line/circuits</li> <li>• Product Reporting Levels <ul style="list-style-type: none"> <li>➢ POTS – Residence</li> <li>➢ POTS – Business</li> <li>➢ DESIGN</li> <li>➢ PBX</li> <li>➢ CENTREX</li> <li>➢ ISDN</li> <li>➢ UNE 2 Wire Loop with NP (Design and Non-Design)</li> <li>➢ UNE 2 Wire Loop without NP (Design and Non-Design)</li> <li>➢ UNE Loop Other with NP (Design and Non-Design)</li> <li>➢ UNE Loop Other without NP (Design and Non-Design)</li> <li>➢ UNE Other (Design and Non-Design)</li> <li>➢ Switching (Under development)</li> <li>➢ Local Transport (Under development)</li> <li>➢ Combos (Under development)</li> <li>➢ NP (Under development as separate category)</li> <li>➢ Local Interconnection Trunks</li> <li>➢ Geographic Scope <ul style="list-style-type: none"> <li>➢ State, Region, and further geographic disaggregation (MSA) as required by State Commission Order</li> </ul> </li> </ul> </li> </ul>

**PROVISIONING – (Average Completion Notice Interval- Continued)**

<b><u>DATA RETAINED RELATING TO CLEC EXPERIENCE</u></b>	<b><u>DATA RETAINED RELATING TO BST EXPERIENCE</u></b>
<ul style="list-style-type: none"> <li>• Report Month</li> <li>• CLEC Order Number</li> <li>• Work Completion Date</li> <li>• Work Completion Time</li> <li>• Completion Notice Availability Date</li> <li>• Completion Notice Availability Time</li> <li>• Service Type</li> <li>• Activity Type</li> <li>• Geographic Scope</li> </ul> <p><b>NOTE:</b> Code in parentheses is the corresponding header found in the raw data file.</p>	<ul style="list-style-type: none"> <li>•</li> <li>• Report Month</li> <li>• Service Order Number</li> <li>• Work Completion Date</li> <li>• Work Completion Time</li> <li>• Completion Notice Availability Date</li> <li>• Completion Notice Availability Time</li> <li>• Service Type</li> <li>• Activity Type</li> <li>• Geographic Scope</li> </ul> <p><b>NOTE:</b> Code in parentheses is the corresponding header found in the raw data file.</p>
<b>Retail Analog/Benchmark:</b>	
Retail Analog	

## **PROVISIONING**

<b>Report/Measurement:</b>	
Coordinated Customer Conversions	
<b>Definition:</b>	
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.	
<b>Exclusions:</b>	
<ul style="list-style-type: none"> <li>Any order canceled by the CLEC will be excluded from this measurement.</li> <li>Delays due to CLEC following disconnection of the unbundled loop</li> <li>Unbundled Loops where there is no existing subscriber loop</li> </ul>	
<b>Business Rules:</b>	
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.	
<b>Calculation:</b>	
$\sum [(Completion\ Date\ and\ Time\ for\ Cross\ Connection\ of\ an\ Unbundled\ Loop) - (Disconnection\ Date\ and\ Time\ of\ an\ Unbundled\ Loop)] / Total\ Number\ of\ Unbundled\ Loop\ Items\ for\ the\ reporting\ period.$	
<b>Report Structure:</b>	
<ul style="list-style-type: none"> <li>CLEC Specific</li> <li>CLEC Aggregate</li> <li></li> </ul>	
<b>Level of Disaggregation:</b>	
<ul style="list-style-type: none"> <li>Reported in intervals &lt;=5 minutes; &gt;5,&lt;15 minutes; &gt;15 minutes, plus Overall Average interval</li> <li>Product Reporting Levels <ul style="list-style-type: none"> <li>UNE Loops without NP</li> <li>UNE Loops with NP</li> </ul> </li> <li>Geographic Scope <ul style="list-style-type: none"> <li>State, Region, and further geographic disaggregation as required by State Commission Order</li> </ul> </li> </ul>	
<b><u>DATA RETAINED RELATING TO CLEC EXPERIENCE</u></b>	<b><u>DATA RETAINED RELATING TO BST EXPERIENCE</u></b>
<ul style="list-style-type: none"> <li>Report Month</li> <li>CLEC Order Number</li> <li>Committed Due Date (DD)</li> <li>Service Type (CLASS_SVC_DESC)</li> <li>Cutover Start Time</li> <li>Cutover Completion time</li> <li>Portability start and completion times (NP Orders)</li> <li>Total Items</li> </ul> <p><b>NOTE:</b> Code in parentheses is the corresponding header found in the raw data file.</p>	<ul style="list-style-type: none"> <li>No BST Analog Exists</li> </ul>
<b>Retail Analog/Benchmark:</b>	
There is no retail analog for this measurement because it measures cutting loops to the CLEC. Benchmark under development.	

## **PROVISIONING**

<b>Report/Measurement:</b>
% Provisioning Troubles within 30 days of Service Order Activity
<b>Definition:</b>
Percent Provisioning Troubles within 30 days of Installation measures the quality and accuracy of installation activities.
<b>Exclusions:</b>
<ul style="list-style-type: none"> <li>• Canceled Service Orders</li> <li>• Order Activities of BST or the CLEC associated with internal or administrative use of local services (R Orders, Test Orders, etc.)</li> <li>• D &amp; F orders</li> </ul>
<b>Business Rules:</b>
<p>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.</p> <p>D &amp; F orders are excluded as there is no subsequent activity following a disconnect.</p>
<b>Calculation:</b>
$\% \text{ Provisioning Troubles within 30 days of Service Order Activity} = \frac{\sum (\text{Trouble reports on all completed orders 30 days following service order(s) completion})}{(\text{All Service Orders completed in the calendar month})} \times 100$
<b>Report Structure:</b>
<ul style="list-style-type: none"> <li>• CLEC Specific</li> <li>• CLEC Aggregate</li> <li>• BST Aggregate</li> </ul>
<b>Level of Disaggregation:</b>
<ul style="list-style-type: none"> <li>• Reported in categories of &lt;10 line/circuits; &gt; 10 line/circuits</li> <li>• Dispatch / No Dispatch</li> <li>• Product Reporting Levels <ul style="list-style-type: none"> <li>➢ POTS – Residence</li> <li>➢ POTS – Business</li> <li>➢ DESIGN</li> <li>➢ PBX</li> <li>➢ CENTREX</li> <li>➢ ISDN</li> <li>➢ UNE 2 Wire Loop with NP (Design and Non-Design)</li> <li>➢ UNE 2 Wire Loop without NP (Design and Non-Design)</li> <li>➢ UNE Loop Other with NP (Design and Non-Design)</li> <li>➢ UNE Loop Other without NP (Design and Non-Design)</li> <li>➢ UNE Other (Design and Non-Design)</li> <li>➢ Switching (Under development)</li> <li>➢ Local Transport (Under development)</li> <li>➢ Combos (Under development)</li> <li>➢ NP (Under development as separate category)</li> <li>➢ Local Interconnection Trunks</li> <li>➢ Geographic Scope <ul style="list-style-type: none"> <li>➢ State, Region, and further geographic disaggregation (MSA) as required by State Commission Order</li> </ul> </li> </ul> </li> </ul>

**PROVISIONING – (% Provisioning Troubles within 30 days of Service Order Activity – Continued)**

<b><u>DATA RETAINED RELATING TO CLEC EXPERIENCE</u></b>	<b><u>DATA RETAINED RELATING TO BST EXPERIENCE</u></b>
<ul style="list-style-type: none"> <li>• Report Month</li> <li>• CLEC Order Number and PON</li> <li>• Order Submission Date(TICKET_ID)</li> <li>• Order Submission Time (TICKET_ID)</li> <li>• Status Type</li> <li>• Status Notice Date</li> <li>• Standard Order Activity</li> <li>• Geographic Scope</li> </ul> <p><b>NOTE:</b> Code in parentheses is the corresponding header found in the raw data file.</p>	<ul style="list-style-type: none"> <li>• Report Month</li> <li>• BST Order Number</li> <li>• Order Submission Date</li> <li>• Order Submission Time</li> <li>• Status Type</li> <li>• Status Notice Date</li> <li>• Standard Order Activity</li> <li>• Geographic Scope</li> </ul>
<b>Retail Analog/Benchmark:</b> 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**

<b>Report/Measurement :</b>
Total Service Order Cycle Time (TSOCT) (under development 3Q99)
<b>Definition:</b>
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.
<b>Exclusions:</b>
<ul style="list-style-type: none"> <li>• Canceled Service Orders</li> <li>• Order Activities of BST or the CLEC associated with internal or administrative use of local services</li> <li>• (Record Orders, Test Orders, etc.)</li> <li>• D (Disconnect) and F (From) orders. (From is disconnect side of a move order when the customer moves to a new address).</li> <li>• "L" Appointment coded orders (where the customer has requested a later than offered interval)</li> <li>• Orders with CLEC/Subscriber caused delays or CLEC/Subscriber requested due date changes.</li> </ul>
<b>Business Rules:</b>
<p>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.</p> <p>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</p>
<b>Calculation :</b>
Total Service Order Cycle Time (under development)
<b>Report Structure:</b>
<ul style="list-style-type: none"> <li>• CLEC Specific</li> <li>• CLEC Aggregate</li> <li>• BST Aggregate</li> </ul>
<b>Level of Disaggregation:</b>
<ul style="list-style-type: none"> <li>• ISDN Orders included in Non Design - GA Only</li> <li>• Dispatch/No Dispatch categories applicable to all levels except trunks.</li> <li>• Intervals under development</li> <li>• Product Reporting Levels <ul style="list-style-type: none"> <li>➢ Interconnection Trunks</li> <li>➢ POTS – Residence</li> <li>➢ POTS – Business</li> <li>➢ DESIGN</li> <li>➢ PBX</li> <li>➢ CENTREX</li> <li>➢ ISDN</li> <li>➢ UNE 2 Wire Loop with NP (Design and Non-Design)</li> <li>➢ UNE 2 Wire Loop without NP (Design and Non-Design)</li> <li>➢ UNE Loop Other with NP (Design and Non-Design)</li> <li>➢ UNE Loop Other without NP (Design and Non-Design)</li> <li>➢ UNE Other (Design and Non-Design)</li> <li>➢ Switching (Under development)</li> <li>➢ Local Transport (Under development)</li> <li>➢ Combos (Under development)</li> <li>➢ NP (Under development as separate category)</li> <li>➢ Local Interconnection Trunks</li> </ul> </li> <li>➤ Geographic Scope <ul style="list-style-type: none"> <li>➢ State, Region and further geographic disaggregation as required by State Commission Order</li> </ul> </li> </ul>

**PROVISIONING – (Total Service Order Cycle Time (TSOCT) – Continued**

<b><u>DATA RETAINED RELATING TO CLEC EXPERIENCE</u></b>	<b><u>DATA RETAINED RELATING TO BST EXPERIENCE</u></b>
<ul style="list-style-type: none"> <li>• Report Month</li> <li>• Interval for FOC</li> <li>• CLEC Company Name</li> <li>• Order Number (PON)</li> <li>• Submission Date &amp; Time (TICKET_ID)</li> <li>• Completion Date (CMPLTN_DT)</li> <li>• Service Type (CLASS_SVC_DESC)</li> <li>• Geographic Scope</li> </ul> <p><b>NOTE:</b> Code in parentheses is the corresponding header found in the raw data file.</p>	<ul style="list-style-type: none"> <li>• Report Month</li> <li>• CLEC Order Number</li> <li>• Order Submission Date &amp; Time</li> <li>• Order Completion Date &amp; Time</li> <li>• -Service Type</li> <li>• Geographic Scope</li> </ul>
<b>Retail Analog/Benchmark</b>	
Under development (BST retail analog available at this time would be Average Completion Interval)	

## **MAINTENANCE & REPAIR**

<b>Report/Measurement:</b>	
Missed Repair Appointments	
<b>Definition:</b>	
The percent of trouble reports not cleared by the committed date and time.	
<b>Exclusions:</b>	
<ul style="list-style-type: none"> <li>• Trouble tickets canceled at the CLEC request.</li> <li>• BST trouble reports associated with internal or administrative service.</li> <li>• Customer Provided Equipment (CPE) troubles or CLEC Equipment Trouble.</li> </ul>	
<b>Business Rules:</b>	
<p>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.</p>	
<b>Calculation:</b>	
$\text{Percentage of Missed Repair Appointments} = \frac{\Sigma (\text{Count of Customer Troubles Not Cleared by the Quoted Commitment Date and Time})}{\Sigma (\text{Total Trouble reports closed in Reporting Period})} \times 100$	
<b>Report Structure:</b>	
<ul style="list-style-type: none"> <li>• CLEC Specific</li> <li>• CLEC Aggregate</li> <li>• BST Aggregate</li> </ul>	
<b>Level of Disaggregation:</b>	
<p><b>ISDN Troubles included in Non-Design – GA ONLY</b></p> <ul style="list-style-type: none"> <li>• Product Reporting Levels <ul style="list-style-type: none"> <li>➢ POTS – Residence, Business</li> <li>➢ Design</li> <li>➢ PBX, CENTREX and ISDN</li> <li>➢ UNE 2 Wire Loop (Design and Non – Design)</li> <li>➢ UNE Loop Other (Design and Non Design)</li> <li>➢ UNE Other (Design and Non – Design)</li> <li>➢ Switching, Local Transport and Combos (under development)</li> <li>➢ Local Interconnection Trunks</li> </ul> </li> <li>• Dispatch/No Dispatch categories applicable to all product levels</li> <li>• Geographic Scope <ul style="list-style-type: none"> <li>➢ State, Region and further geographic disaggregation as required by State Commission Order (e.g. Metropolitan Service Area - MSA)</li> </ul> </li> </ul>	
<b><u>DATA RETAINED RELATING TO CLEC EXPERIENCE</u></b>	<b><u>DATA RETAINED RELATING TO BST EXPERIENCE</u></b>
<ul style="list-style-type: none"> <li>• Report Month</li> <li>• CLEC Company Name</li> <li>• Submission Date &amp; Time ( TICKET_ID)</li> <li>• Completion Date (CMPLTN_DT)</li> <li>• Service Type (CLASS_SVC_DESC)</li> <li>• Disposition and Cause (CAUSE_CD &amp; CAUSE_DESC)</li> <li>• Geographic Scope</li> </ul> <p><b>NOTE:</b> Code in parentheses is the corresponding header found in the raw data file.</p>	<ul style="list-style-type: none"> <li>• Report Month</li> <li>• BST Company Code</li> <li>• Submission Date &amp; Time</li> <li>• Completion Date</li> <li>• Service Type</li> <li>• Disposition and Cause (Non-Design / Non-Special Only)</li> <li>• Trouble Code (Design and Trunking Services)</li> <li>• Geographic Scope</li> </ul>

**MAINTENANCE & REPAIR – (Missed Repair Appointments – Continued)**

<b>Retail Analog/Benchmark</b>
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**

<b>Report/Measurement:</b>	
Customer Trouble Report Rate	
<b>Definition:</b>	
Initial and repeated customer direct or referred troubles reported within a calendar month per 100 lines/ circuits in service.	
<b>Exclusions:</b>	
<ul style="list-style-type: none"> <li>• Trouble tickets canceled at the CLEC request.</li> <li>• BST trouble reports associated with administrative service.</li> <li>• Customer provided Equipment (CPE) troubles or CLEC equipment troubles.</li> </ul>	
<b>Business Rules:</b>	
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.	
<b>Calculation:</b>	
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	
<b>Report Structure:</b>	
<ul style="list-style-type: none"> <li>• CLEC Specific</li> <li>• CLEC Aggregate</li> <li>• BST Aggregate.</li> </ul>	
<b>Level of Disaggregation:</b>	
<b>ISDN Troubles included in Non Design – GA Only</b> <ul style="list-style-type: none"> <li>• Product Reporting Levels <ul style="list-style-type: none"> <li>➢ POTS Residence and Business</li> <li>➢ Design</li> <li>➢ PBX, CENTREX, and ISDN</li> <li>➢ UNE 2 Wire Loop (Design and Non – Design)</li> <li>➢ UNE Loop Other (Design and Non – Design)</li> <li>➢ UNE Other (Design and Non – Design)</li> <li>➢ Switching , Local Transport, and Combos (under development)</li> <li>➢ Local Interconnection Trunks</li> </ul> </li> <li>• Dispatch/No Dispatch categories applicable to all product levels</li> <li>• Geographic Scope <ul style="list-style-type: none"> <li>➢ State, Region and further geographic disaggregation as required by State Commission Order (e.g. Metropolitan Service Area - MSA)</li> </ul> </li> </ul>	
<b><u>DATA RETAINED RELATING TO CLEC EXPERIENCE</u></b>	<b><u>DATA RETAINED RELATING TO BST EXPERIENCE</u></b>
<ul style="list-style-type: none"> <li>• Report Month</li> <li>• CLEC Company Name</li> <li>• Ticket Submission Date &amp; Time (TICKET_ID)</li> <li>• Ticket Completion Date (CMPLTN_DT)</li> <li>• Service Type (CLASS_SVC_DESC)</li> <li>• Disposition and Cause (CAUSE_CD &amp; CAUSE_DESC)</li> <li>• # Service Access Lines in Service at the end of period</li> <li>• Geographic Scope</li> </ul>	<ul style="list-style-type: none"> <li>• Report Month</li> <li>• BST Company Code</li> <li>• Ticket Submission Date &amp; Time</li> <li>• Ticket Completion Date</li> <li>• Service Type</li> <li>• Disposition and Cause (Non-Design / Non-Special Only)</li> <li>• Trouble Code (Design and Trunking Services)</li> <li>• # Service Access Lines in Service at the end of period</li> <li>• Geographic Scope</li> </ul>
<b>NOTE:</b> Code in parentheses is the corresponding header found in the raw data file.	

**MAINTENANCE & REPAIR – (Customer Trouble Report Rate – Continued)**

<b>Retail Analog/Benchmark:</b>
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**

<b>Report/Measurement:</b>
Maintenance Average Duration
<b>Definition:</b>
The Average duration of Customer Trouble Reports from the receipt of the Customer Trouble Report to the time the trouble report is cleared.
<b>Exclusions:</b>
<ul style="list-style-type: none"> <li>• Trouble reports canceled at the CLEC request</li> <li>• BST trouble reports associated with administrative service</li> <li>• Customer Provided Equipment (CPE) troubles or CLEC Equipment Troubles.</li> <li>• Trouble reports greater than 10 days</li> </ul>
<b>Business Rules:</b>
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).
<b>Calculation:</b>
Maintenance Average Duration = $\Sigma(\text{Date and Time of Service Restoration}) - (\text{Date and Time Trouble Ticket was Opened}) / \Sigma(\text{Total Closed Troubles in the reporting period})$
<b>Report Structure:</b>
<ul style="list-style-type: none"> <li>• CLEC Specific</li> <li>• BST Aggregate</li> <li>• CLEC Aggregate</li> </ul>
<b>Level of Disaggregation:</b>
<b>ISDN Troubles included in Non Design – GA Only</b> <ul style="list-style-type: none"> <li>• Product Reporting Levels <ul style="list-style-type: none"> <li>➢ POTS– Residence and Business</li> <li>➢ Design</li> <li>➢ PBX, CENTREX, and ISDN</li> <li>➢ UNE 2 Wire Loop (Design Non – Design)</li> <li>➢ UNE Loop Other (Design Non – Design)</li> <li>➢ UNE Other (Design Non – Design)</li> <li>➢ Switching, Local Transport and Combos (under development)</li> <li>➢ Local Interconnection Trunks</li> </ul> </li> <li>• Dispatch/No Dispatch categories applicable to all product levels</li> <li>• Geographic Scope <ul style="list-style-type: none"> <li>➢ State, Region and further geographic disaggregation as required by State Commission Order (e.g. Metropolitan Service Area – MSA)</li> </ul> </li> </ul>

**MAINTENANCE & REPAIR – (Maintenance Average Duration – Continued)**

<b><u>DATA RETAINED RELATING TO CLEC EXPERIENCE</u></b>	<b><u>DATA RETAINED RELATING TO BST EXPERIENCE</u></b>
<ul style="list-style-type: none"> <li>• Report Month</li> <li>• Total Tickets (LINE_NBR)</li> <li>• CLEC Company Name</li> <li>• Ticket Submission Date &amp; Time (TIME_ID)</li> <li>• Ticket Completion Date (CMPLTN_DT)</li> <li>• Service Type (CLASS_SVC_DESC)</li> <li>• Disposition and Cause (CAUSE_CD &amp; CAUSE_DESC)</li> <li>• Geographic Scope</li> </ul> <p><b>NOTE:</b> Code in parentheses is the corresponding header found in the raw data file.</p>	<ul style="list-style-type: none"> <li>• Report Month</li> <li>• Total Tickets</li> <li>• BST Company Code</li> <li>• Ticket Submission Date</li> <li>• Ticket submission Time</li> <li>• Ticket completion Date</li> <li>• Ticket Completion Time</li> <li>• Total Duration Time</li> <li>• Service Type</li> <li>• Disposition and Cause (Non – Design / Non-Special Only)</li> <li>• Trouble Code (Design and Trunking Services)</li> <li>• Geographic Scope</li> </ul>
<b>Retail Analog/Benchmark:</b> 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**

<b>Report/Measurement:</b>	
Percent Repeat Troubles within 30 Days	
<b>Definition:</b>	
Trouble reports on the same line/circuit as a previous trouble report received within 30 calendar days as a percent of total troubles reported.	
<b>Exclusions:</b>	
<ul style="list-style-type: none"> <li>• Trouble Reports canceled at the CLEC request</li> <li>• BST Trouble Reports associated with administrative service</li> <li>• Customer Provided Equipment (CPE) Troubles or CLEC Equipment Troubles.</li> </ul>	
<b>Business Rules:</b>	
Includes Customer trouble reports received within 30 days of an original Customer trouble report.	
<b>Calculation:</b>	
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	
<b>Report Structure:</b>	
<ul style="list-style-type: none"> <li>• CLEC Specific</li> <li>• CLEC Aggregate</li> <li>• BST Aggregate</li> </ul>	
<b>Level of Disaggregation:</b>	
<b>ISDN Troubles included in Non Design – GA Only</b> <ul style="list-style-type: none"> <li>• Product Reporting Levels <ul style="list-style-type: none"> <li>➢ POTS Residence and Business</li> <li>➢ Design</li> <li>➢ PBX, CENTREX and ISDN</li> <li>➢ UNE 2 Wire Loop (Design and Non – Design)</li> <li>➢ UNE Loop Other (Design and Non – Design)</li> <li>➢ UNE Other (Design Non – Design)</li> <li>➢ Switching, Local Transport and Combos (under development)</li> <li>➢ Local Interconnection Trunks</li> </ul> </li> <li>• Dispatch/No Dispatch categories applicable to all product levels</li> <li>• Geographic Scope <ul style="list-style-type: none"> <li>➢ State, Region and further geographic disaggregation as required by State Commission Order (e.g. Metropolitan Service Area - MSA)</li> </ul> </li> </ul>	
<b><u>DATA RETAINED RELATING TO CLEC EXPERIENCE</u></b>	<b><u>DATA RETAINED RELATING TO BST EXPERIENCE</u></b>
<ul style="list-style-type: none"> <li>• Report Month</li> <li>• Total Tickets (LINE_NBR)</li> <li>• CLEC Company Name</li> <li>• Ticket Submission Date &amp; Time (TICKET_ID)</li> <li>• Ticket Completion Date (CMPLTN_DT)</li> <li>• Total and Percent Repeat Trouble Reports within 30 Days (TOT_REPEAT)</li> <li>• Service Type</li> <li>• Disposition and Cause (CAUSE_CD &amp; CAUSE_DESC)</li> <li>• Geographic Scope</li> </ul> <p><b>NOTE:</b> Code parentheses is the corresponding header format found in the raw data file.</p>	<ul style="list-style-type: none"> <li>• Report Month</li> <li>• Total Tickets</li> <li>• BST Company Code</li> <li>• Ticket Submission Date</li> <li>• Ticket Submission Time</li> <li>• Ticket Completion Date</li> <li>• Ticket Completion Time</li> <li>• Total and Percent Repeat Trouble Reports within 30 Days</li> <li>• Service Type</li> <li>• Disposition and Cause (Non – Design/ Non-Special only)</li> <li>• Trouble Code (Design and Trunking Services)</li> <li>• Geographic Scope</li> </ul>

**MAINTENANCE & REPAIR – (Percent Repeat Troubles within 30 Days - Continued)**

<b>Retail Analog/Benchmark:</b>
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

<b>Report/Measurement:</b>	
Out of Service (OOS) > 24 Hours	
<b>Definition:</b>	
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.)	
<b>Exclusions:</b>	
<ul style="list-style-type: none"> <li>• Trouble Reports canceled at the CLEC request</li> <li>• BST Trouble Reports associated with administrative service</li> <li>• Customer Provided Equipment (CPE) Troubles or CLEC Equipment Troubles.</li> </ul>	
<b>Business Rules:</b>	
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.	
<b>Calculation:</b>	
Out of Service (OOS) > 24 hours = ( Total Troubles OOS > 24 Hours) / Total OOS Troubles in Reporting Period) X 100	
<b>Report Structure:</b>	
<ul style="list-style-type: none"> <li>• CLEC Specific</li> <li>• BST Aggregate</li> <li>• CLEC Aggregate.</li> </ul>	
<b>Level of Disaggregation:</b>	
<b>ISDN Troubles included in Non Design – GA Only</b> <ul style="list-style-type: none"> <li>• Product Reporting Levels <ul style="list-style-type: none"> <li>➢ POTS Residence and Business</li> <li>➢ Design</li> <li>➢ PBX and CENTREX and ISDN</li> <li>➢ UNE 2 Wire Loop (Design and Non – Design)</li> <li>➢ UNE Loop Other (Design and Non – Design)</li> <li>➢ UNE Other (Design and Non – Design)</li> <li>➢ Switching, Local Transport and Combos (under development)</li> <li>➢ Local Interconnection Trunks</li> </ul> </li> <li>• Dispatch/No Dispatch categories applicable to all product levels</li> <li>• Geographic Scope <ul style="list-style-type: none"> <li>➢ State, Region and further geographic disaggregation as required by State Commission Order (e.g. Metropolitan Service Area - MSA)</li> </ul> </li> </ul>	
<b><u>DATA RETAINED RELATING TO CLEC EXPERIENCE</u></b>	<b><u>DATA RETAINED RELATING TO BST EXPERIENCE</u></b>
<ul style="list-style-type: none"> <li>• Report Month</li> <li>• Total Tickets</li> <li>• CLEC Company Name</li> <li>• Ticket Submission Date &amp; Time (TICKET_ID)</li> <li>• Ticket Completion Date (CMPLTN_DT)</li> <li>• Percentage of Customer Troubles out of Service &gt; 24 Hours (OOS&gt;24_FLAG)</li> <li>• Service type (CLASS_SVC_DESC)</li> <li>• Disposition and Cause (CAUSE_CD &amp; CAUSE-DESC)</li> <li>• Geographic Scope</li> </ul> <p><b>NOTE:</b> Code in parentheses is the corresponding header found in the raw data file.</p>	<ul style="list-style-type: none"> <li>• Report Month</li> <li>• Total Tickets</li> <li>• BST Company Code</li> <li>• Ticket Submission Date</li> <li>• Ticket Submission time</li> <li>• Ticket Completion Date</li> <li>• Ticket Completion Time</li> <li>• Percent of Customer Troubles out of Service &gt; 24 Hours</li> <li>• Service type</li> <li>• Disposition and Cause (Non – Design/ Non-Special only)</li> <li>• Trouble Code (Design and Trunking Services)</li> <li>• Geographic Scope</li> </ul>

**MANTENANCE & REPAIR – (Out of Service (OOS) > 24 Hours – Continued)**

<b>Retail Analog/Benchmark:</b>
<ul style="list-style-type: none"><li>• CLEC Residence-Resale / BST Residence- Retail</li><li>• CLEC Business- Resale / BST Business-Retail</li><li>• CLEC Design-Resale / BST Design-Retail</li><li>• CLEC PBX, Centrex and ISDN Resale / BST PBX, Centrex and ISDN Retail</li><li>• CLEC Trunking-Resale /BST Trunking- Retail</li><li>• UNEs Retail Analog (under development at this time.)</li></ul>

## **MAINTENANCE & REPAIR**

<b>Report/Measurement:</b>	
OSS Interface Availability	
<b>Definition:</b>	
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.	
<b>Exclusions:</b>	
None	
<b>Business Rules:</b>	
This measure is designed to compare the OSS availability versus scheduled availability of BST's legacy systems.	
<b>Calculation:</b>	
$\text{OSS Interface Availability} = (\text{Actual System Functional Availability}) / (\text{Actual planned System Availability}) \times 100$	
<b>Report Structure:</b>	
<ul style="list-style-type: none"> <li>• CLEC Aggregate</li> <li>• BST Aggregate</li> <li>• BST/CLEC</li> </ul>	
<b>Level of Disaggregation:</b>	
Region	
<b><u>DATA RETAINED RELATING TO CLEC EXPERIENCE</u></b>	<b><u>DATA RETAINED RELATING TO BST EXPERIENCE</u></b>
<ul style="list-style-type: none"> <li>• Availability of CLEC TAFI</li> <li>• Availability of LMOS HOST, MARCH and SOCS</li> <li>• CRIS, PREDICTOR, LNP, and OSPCLM (under development at this time)</li> </ul>	<ul style="list-style-type: none"> <li>• Availability of BST TAFI</li> <li>• Availability of LMOS HOST, MARCH and SOCS</li> </ul>
<b>Retail Analog/Benchmark:</b>	
Parity by design; Retail Analog	

## **MAINTENANCE & REPAIR**

<b>Report/Measurement:</b>	
OSS Response Interval and Percentages	
<b>Definition:</b>	
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.	
<b>Exclusions:</b>	
Queries received during scheduled system maintenance time.	
<b>Business Rules:</b>	
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.	
<b>Calculation:</b>	
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, $\geq 4$ to 10, $\geq 10$ , $\geq 30$ seconds.	
<b>Report Structure:</b>	
<ul style="list-style-type: none"> <li>• CLEC</li> <li>• BST Residence</li> <li>• BST Business (BST Total is under development at this time) by interface for each legacy system and function as appropriate.</li> </ul>	
<b>Level of Disaggregation:</b>	
Region	
<b><u>DATA RETAINED RELATING TO CLEC EXPERIENCE</u></b>	<b><u>DATA RETAINED RELATING TO BST EXPERIENCE</u></b>
<ul style="list-style-type: none"> <li>• CLEC Transaction Intervals</li> </ul>	<ul style="list-style-type: none"> <li>• BST Business and Residence transaction Intervals</li> </ul>
<b>Retail Analog/Benchmark:</b>	
Retail Analog Audit Verification	

## **MAINTENANCE & REPAIR**

<b>Report/Measurement:</b>	
Average Answer Time – Repair Centers	
<b>Definition:</b>	
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.	
<b>Exclusions:</b>	
None	
<b>Business Rules:</b>	
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.	
<b>Level of Disaggregation:</b>	
Region. CLEC/BST Service Centers and BST Repair Centers are regional.	
<b>Calculation:</b>	
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)	
<b>Report Structure:</b>	
<ul style="list-style-type: none"> <li>CLEC Aggregate</li> <li>BST/CLEC Aggregate</li> </ul>	
<b><u>DATA RETAINED RELATING TO CLEC EXPERIENCE</u></b>	<b><u>DATA RETAINED RELATING TO BST EXPERIENCE</u></b>
<ul style="list-style-type: none"> <li>CLEC Average Answer Time</li> </ul>	<ul style="list-style-type: none"> <li>BST Average Answer Time</li> </ul>
<b>Retail Analog/Benchmark:</b>	
Retail Analog Audit Verification	

## **BILLING**

<b>Report/Measurement:</b>	
Invoice Accuracy	
<b>Definition:</b>	
This measure provides the percentage accuracy of the billing invoices rendered to CLECs during the current month.	
<b>Exclusions:</b>	
<ul style="list-style-type: none"> <li>Adjustments not related to billing errors (e.g., credits for service outage, special promotion credits, adjustments to satisfy the customer).</li> </ul>	
<b>Business Rules:</b>	
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.	
<b>Calculation:</b>	
$\text{Invoice Accuracy} = (\text{Total Billed Revenues during current month}) - (\text{Billing Related Adjustments during current month}) / \text{Total Billed Revenues during current month} \times 100$	
<b>Report Structure:</b>	
<ul style="list-style-type: none"> <li>CLEC Specific</li> <li>CLEC Aggregate</li> <li>BST Aggregate</li> </ul>	
<b>Level of Disaggregation :</b>	
<ul style="list-style-type: none"> <li>Product / Invoice Type <ul style="list-style-type: none"> <li>➤ Resale</li> <li>➤ UNE</li> <li>➤ Interconnection</li> </ul> </li> <li>Geographic Scope <ul style="list-style-type: none"> <li>➤ Region</li> </ul> </li> </ul>	
<b><u>DATA RETAINED RELATING TO CLEC EXPERIENCE:</u></b>	<b><u>DATA RETAINED RELATING TO BST PERFORMANCE:</u></b>
<ul style="list-style-type: none"> <li>Report Month</li> <li>Invoice Type <ul style="list-style-type: none"> <li>➤</li> </ul> </li> <li>Total Billed Revenue</li> <li>Billing Related Adjustments</li> </ul>	<ul style="list-style-type: none"> <li>Report Month</li> <li>Invoice Type <ul style="list-style-type: none"> <li>➤ CRIS</li> <li>➤ CABS</li> </ul> </li> <li>Total Billed Revenue</li> <li>Billing Related Adjustments</li> </ul>
<b>Retail Analog/Benchmark</b>	
Retail Analog	



## **BILLING**

<b>Report/Measurement:</b>	
Mean Time to Deliver Invoices	
<b>Definition:</b>	
This measure provides the mean interval for billing invoices	
<b>Exclusions:</b>	
Any invoices rejected due to formatting or content errors.	
<b>Business Rules:</b>	
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.	
<b>Calculation:</b>	
$\text{Mean Time To Deliver Invoices} = \Sigma [(\text{Invoice Transmission Date}) - (\text{Close Date of Scheduled Bill Cycle})] / (\text{Count of Invoices Transmitted in Reporting Period})$	
<b>Report Structure:</b>	
<ul style="list-style-type: none"> <li>• CLEC Specific</li> <li>• CLEC Aggregate</li> <li>• BST Aggregate</li> </ul>	
<b>Level of Disaggregation:</b>	
<ul style="list-style-type: none"> <li>• Product / Invoice Type <ul style="list-style-type: none"> <li>➢ Resale</li> <li>➢ UNE</li> <li>➢ Interconnection</li> </ul> </li> <li>• Geographic Scope <ul style="list-style-type: none"> <li>➢ Region</li> </ul> </li> </ul>	
<b><u>DATA RETAINED RELATING TO CLEC EXPERIENCE:</u></b>	<b><u>DATA RETAINED RELATING TO BST PERFORMANCE:</u></b>
<ul style="list-style-type: none"> <li>• Report Month</li> <li>• Invoice Type <ul style="list-style-type: none"> <li>➢</li> </ul> </li> <li>• Invoice Transmission Count</li> <li>• Date of Scheduled Bill Close</li> </ul>	<ul style="list-style-type: none"> <li>• Report Month</li> <li>• Invoice Type <ul style="list-style-type: none"> <li>➢ CRIS</li> <li>➢ CABS</li> </ul> </li> <li>• Invoice Transmission Count</li> <li>• Date of Scheduled Bill Close</li> </ul>
<b>Retail Analog/Benchmark:</b>	
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**

<b>Report/Measurement:</b>	
Usage Data Delivery Accuracy	
<b>Definition:</b>	
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.	
<b>Exclusions:</b>	
None	
<b>Business Rules:</b>	
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.	
<b>Calculations:</b>	
<b>Usage Data Delivery Accuracy</b> = $\Sigma [(Total \text{ number of usage data packs sent during current month}) - (Total \text{ number of usage data packs requiring retransmission during current month})] / (Total \text{ number of usage data packs sent during current month}) \times 100$	
<b>Report Structure:</b>	
<ul style="list-style-type: none"> <li>• CLEC Specific</li> <li>• CLEC Aggregate</li> <li>• BST Aggregate</li> </ul>	
<b>Level of Disaggregation:</b>	
<ul style="list-style-type: none"> <li>• Product / Invoice Type <ul style="list-style-type: none"> <li>➢ Resale</li> <li>➢ UNE</li> <li>➢ Interconnection</li> </ul> </li> <li>• Geographic Scope <ul style="list-style-type: none"> <li>➢ Region</li> </ul> </li> </ul>	
<b><u>DATA RETAINED RELATING TO CLEC EXPERIENCE:</u></b>	<b><u>DATA RETAINED RELATING TO BST PERFORMANCE:</u></b>
<ul style="list-style-type: none"> <li>• Report Month</li> <li>• Record Type <ul style="list-style-type: none"> <li>➢ BellSouth Recorded</li> <li>➢ Non BellSouth Recorded</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>• Report Month</li> <li>• Record Type</li> </ul>
<b>Retail Analog/Benchmark:</b>	
Retail Analog	

## **BILLING**

<b>Report/Measurement:</b>	
Usage Data Delivery Completeness	
<b>Definition:</b>	
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 billing) 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.	
<b>Exclusions:</b>	
None	
<b>Business Rules:</b>	
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.	
<b>Calculation:</b>	
Usage Data Delivery Completeness = $\Sigma(\text{Total number of Recorded usage records delivered during the current month that are within thirty (30) days of the message recording date}) / \Sigma(\text{Total number of Recorded usage records delivered during the current month}) \times 100$	
<b><u>REPORT STRUCTURE</u></b>	
<ul style="list-style-type: none"> <li>• CLEC Specific</li> <li>• CLEC Aggregate</li> <li>• BST Aggregate</li> </ul>	
<b>Level of Disaggregation:</b>	
<ul style="list-style-type: none"> <li>➤</li> <li>• Geographic Scope <ul style="list-style-type: none"> <li>➤ Region</li> </ul> </li> </ul>	
<b><u>DATA RETAINED RELATING TO CLEC EXPERIENCE:</u></b>	<b><u>DATA RETAINED RELATING TO BST PERFORMANCE:</u></b>
<ul style="list-style-type: none"> <li>• Report Month</li> <li>• Record Type <ul style="list-style-type: none"> <li>➤ BellSouth Recorded</li> <li>➤ Non BellSouth Recorded</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>• Report Monthly</li> <li>• Record Type</li> </ul>
<b>Retail Analog/Benchmark:</b>	
Retail Analog	

## **BILLING**

<b>Report/Measurement:</b>	
Usage Data Delivery Timeliness	
<b>Definition:</b>	
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.	
<b>Exclusions:</b>	
None	
<b>Business Rules:</b>	
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.	
<b>Calculation:</b>	
Usage Data Delivery Timeliness = $\Sigma$ (Total number of usage records sent within six (6) calendar days from initial recording/receipt) / $\Sigma$ (Total number of usage records sent) X 100	
<b>Report Structure:</b>	
<ul style="list-style-type: none"> <li>CLEC Aggregate</li> <li>CLEC Specific</li> <li>BST Aggregate</li> </ul>	
<b>Level of Disaggregation:</b>	
<ul style="list-style-type: none"> <li>Geographic Scope <ul style="list-style-type: none"> <li>Region</li> </ul> </li> </ul>	
<b><u>DATA RETAINED RELATING TO CLEC EXPERIENCE:</u></b>	<b><u>DATA RETAINED RELATING TO BST PERFORMANCE:</u></b>
<ul style="list-style-type: none"> <li>Report Month</li> <li>Record Type <ul style="list-style-type: none"> <li>BellSouth Recorded</li> <li>Non-BellSouth Recorded</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>Report Monthly</li> <li>Record Type</li> </ul>
<b>Retail Analog/Benchmark:</b>	
Retail Analog	

## **BILLING**

<b>Report/Measurement:</b>	
Mean Time to Deliver Usage	
<b>Definition:</b>	
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.	
<b>Exclusions:</b>	
None	
<b>Business Rules:</b>	
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.	
<b>Calculation:</b>	
Mean Time to Deliver Usage = $\Sigma$ (Record volume X estimated number of days to deliver the Usage Record) / total record volume	
<b>Report Structure:</b>	
<ul style="list-style-type: none"> <li>• CLEC Aggregate</li> <li>• CLEC Specific</li> <li>• BST Aggregate</li> </ul>	
<b>Level of Disaggregation:</b>	
<ul style="list-style-type: none"> <li>• Geographic Scope <ul style="list-style-type: none"> <li>➤ Region</li> </ul> </li> </ul>	
<b><u>DATA RETAINED RELATING TO CLEC EXPERIENCE:</u></b>	<b><u>DATA RETAINED RELATING TO BST PERFORMANCE:</u></b>
<ul style="list-style-type: none"> <li>• Report Month</li> <li>• Record Type <ul style="list-style-type: none"> <li>➤ BellSouth Recorded</li> <li>➤ Non-BellSouth Recorded</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>• Report Monthly</li> <li>• Record Type</li> </ul>
<b>Retail Analog/Benchmark:</b>	
Retail Analog	

## **OPERATOR SERVICES AND DIRECTORY ASSISTANCE**

<b>Report/Measurement:</b>
Speed to Answer Performance/Average Speed to Answer – Toll
<b>Definition:</b>
Measurement of the average time in seconds calls wait before answered by a toll operator.
<b>Exclusions:</b>
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.
<b>Business Rules:</b>
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.
<b>Calculation:</b>
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.
<b>Report Structure:</b>
Reported for the aggregate of BST and CLECs <ul style="list-style-type: none"> <li>• State</li> </ul>
<b>Level of Disaggregation:</b>
None
<b><u>DATA RETAINED (ON AGGREGATE BASIS)</u></b>
For the items below, BST’s Performance Measurement Analysis Platform (PMAP) receives a final computation; therefore, no raw data file is available in PMAP. <ul style="list-style-type: none"> <li>• Month</li> <li>• Call Type (Toll)</li> <li>• Average Speed of Answer</li> </ul>
<b>Retail Analog/Benchmark</b>
Parity by Design

## **OPERATOR SERVICES AND DIRECTORY ASSISTANCE**

<b>Report/Measurement:</b>
Speed to Answer Performance/Percent Answered within “X” Seconds – Toll
<b>Definition:</b>
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.
<b>Exclusions:</b>
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.
<b>Business Rules:</b>
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.
<b>Calculation:</b>
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.
<b>Report Structure:</b>
Reported for the aggregate of BST and CLECs <ul style="list-style-type: none"> <li>• State</li> </ul>
<b>Level of Disaggregation:</b>
None
<b><u>DATA RETAINED (ON AGGREGATE BASIS)</u></b>
For the items below, BST’s Performance Measurement Analysis Platform (PMAP) receives a final computation; therefore, no raw data file is available in PMAP. <ul style="list-style-type: none"> <li>• Month</li> <li>• Call Type (Toll)</li> <li>• Average Speed of Answer</li> </ul>
<b>Retail Analog/Benchmark</b>
Parity by Design

## **OPERATOR SERVICES AND DIRECTORY ASSISTANCE**

<b>Report/Measurement:</b>
Speed to Answer Performance/Average Speed to Answer – Directory Assistance (DA)
<b>Definition:</b>
Measurement of the average time in seconds calls wait before answer by a DA operator.
<b>Exclusions:</b>
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.
<b>Business Rules:</b>
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.
<b>Calculation:</b>
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.
<b>Report Structure:</b>
Reported for the aggregate of BST and CLECs <ul style="list-style-type: none"> <li>• State</li> </ul>
<b>Level of Disaggregation:</b>
None
<b><u>DATA RETAINED (ON AGGREGATE BASIS)</u></b>
For the items below, BST’s Performance Measurement Analysis Platform (PMAP) receives a final computation; therefore, no raw data file is available in PMAP. <ul style="list-style-type: none"> <li>• Month</li> <li>• Call Type (DA)</li> <li>• Average Speed of Answer</li> </ul>
<b>Retail Analog/Benchmark</b>
Parity by Design



## **OPERATOR SERVICES AND DIRECTORY ASSISTANCE**

<b>Report/Measurement:</b>
Speed to Answer Performance/Percent Answered within “X” Seconds – Directory Assistance (DA)
<b>Definition:</b>
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.
<b>Exclusions:</b>
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.
<b>Business Rules:</b>
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.
<b>Calculation:</b>
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.
<b>Report Structure:</b>
Reported for the aggregate of BST and CLECs <ul style="list-style-type: none"> <li>• State</li> </ul>
<b>Level of Disaggregation:</b>
None
<b><u>DATA RETAINED (ON AGGREGATE BASIS)</u></b>
For the items below, BST’s Performance Measurement Analysis Platform (PMAP) receives a final computation; therefore, no raw data file is available in PMAP. <ul style="list-style-type: none"> <li>• Month</li> <li>• Call Type (DA)</li> <li>• Average Speed of Answer</li> </ul>
<b>Retail Analog/Benchmark</b>
Parity by Design

## E911

<b>Report/Measurement:</b>
E911/Timeliness
<b>Definition:</b>
Measures the percentage of batch orders for E911 database updates (to CLEC resale and BST retail records) processed successfully within a 24-hour period.
<b>Exclusions:</b>
<ul style="list-style-type: none"> <li>Any resale order canceled by a CLEC</li> <li>Facilities-based CLEC orders</li> </ul>
<b>Business Rules:</b>
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.
<b>Calculation:</b>
$\text{E911 Timeliness} = \Sigma (\text{Number of batch orders processed within 24 hours} \div \text{Total number of batch orders submitted}) \times 100$
<b>Report Structure:</b>
Reported for the aggregate of CLEC resale updates and BST retail updates <ul style="list-style-type: none"> <li>State</li> <li>Region</li> </ul>
<b>Levels of Disaggregation:</b>
None
<b><u>DATA RETAINED</u></b>
<ul style="list-style-type: none"> <li>Report month</li> <li>Aggregate data</li> </ul>
<b>Retail Analog/Benchmark</b>
Parity by Design

## E911

<b>Report/Measurement:</b>
E911/Accuracy
<b>Definition:</b>
Measures the individual E911 telephone number (TN) record updates (to CLEC resale and BST retail records) processed successfully for E911 with no errors.
<b>Exclusions:</b>
<ul style="list-style-type: none"> <li>Any resale order canceled by a CLEC</li> <li>Facilities-based CLEC orders</li> </ul>
<b>Business Rules:</b>
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.
<b>Calculation:</b>
$\text{E911 Accuracy} = \frac{\Sigma(\text{Number of record individual updates processed with no errors})}{\text{Total number of individual record updates}} \times 100$
<b>Report Structure:</b>
Reported for the aggregate of CLEC resale updates and BST retail updates <ul style="list-style-type: none"> <li>State</li> <li>Region</li> </ul>
<b>Level of Disaggregation:</b>
None
<b><u>DATA RETAINED</u></b>
<ul style="list-style-type: none"> <li>Report month</li> <li>Aggregate data</li> </ul>
<b>Retail Analog/Benchmark</b>
Parity by Design

## E911

<b>Report/Measurement:</b>
E911/Mean Interval
<b>Definition:</b>
Measures the mean interval processing of E911 batch orders (to update CLEC resale and BST retail records).
<b>Exclusions:</b>
<ul style="list-style-type: none"> <li>Any resale order canceled by a CLEC</li> <li>Facilities-based CLEC orders</li> </ul>
<b>Business Rules:</b>
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.
<b>Calculation:</b>
$\text{E911 Mean Interval} = \frac{\sum (\text{Date and time of batch order completion} - \text{Date and time of batch order submission})}{(\text{Number of batch orders completed})}$
<b>Report Structure:</b>
Reported for the aggregate of CLEC resale updates and BST retail updates
<ul style="list-style-type: none"> <li>State</li> <li>Region</li> </ul>
<b>Level of Disaggregation:</b>
None
<b><u>DATA RETAINED (ON AGGREGATE BASIS)</u></b>
<ul style="list-style-type: none"> <li>Report month</li> <li>Aggregate data</li> </ul>
<b>Retail Analog/Benchmark</b>
Parity by Design

## **TRUNK GROUP PERFORMANCE**

<b>Report/Measurement:</b>	
Trunk Group Service Report	
<b>Definition:</b>	
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.	
<b>Exclusions:</b>	
<ul style="list-style-type: none"> <li>• Trunk groups for which valid traffic data is not available</li> <li>• High use trunk groups</li> </ul>	
<b>Business Rules:</b>	
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%.	
<b>Calculation:</b>	
Measured blocking = (Total number of blocked calls) / (Total number of attempted calls) X 100	
<b>Report Structure:</b>	
<ul style="list-style-type: none"> <li>• BST Aggregate <ul style="list-style-type: none"> <li>➢ CTTG</li> <li>➢ Local</li> </ul> </li> <li>• CLEC Aggregate <ul style="list-style-type: none"> <li>➢ BST Administered CLEC Trunk</li> <li>➢ CLEC Administered CLEC Trunk</li> </ul> </li> <li>• CLEC Specific <ul style="list-style-type: none"> <li>➢ BST Administered CLEC Trunk</li> <li>➢ CLEC Administered CLEC Trunk</li> </ul> </li> </ul>	
<b>Level of Disaggregation:</b>	
State	
<b><u>DATA RETAINED RELATING TO CLEC EXPERIENCE</u></b>	<b><u>DATA RETAINED RELATING TO BST EXPERIENCE</u></b>
<ul style="list-style-type: none"> <li>• Report month</li> <li>• Total trunk groups</li> <li>• Total trunk groups for which data is available</li> <li>• Trunk groups with blocking greater than the MBT</li> <li>• Percent of trunk groups with blocking greater than the MBT</li> </ul>	<ul style="list-style-type: none"> <li>• Report month</li> <li>• Total trunk groups</li> <li>• Total trunk groups for which data is available</li> <li>• Trunk groups with blocking greater than the MBT</li> <li>• Percent of trunk groups with blocking greater than the MBT</li> </ul>
<b>Retail Analog/Benchmark:</b>	
Retail Analog	

## **TRUNK GROUP PERFORMANCE**

<b>Report/Measurement:</b>	
Trunk Group Service Detail	
<b>Definition:</b>	
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.	
<b>Exclusions:</b>	
<ul style="list-style-type: none"> <li>Trunk groups for which valid traffic data is not available</li> <li>High use trunk groups</li> </ul>	
<b>Business Rules:</b>	
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%.	
<b>Calculation:</b>	
Measured Blocking = (Total number of blocked calls) / (Total number of attempted calls) X 100	
<b>Report Structure:</b>	
<ul style="list-style-type: none"> <li>BST Specific <ul style="list-style-type: none"> <li>Traffic Identity</li> <li>TGSN</li> <li>Tandem</li> <li>End Office</li> <li>Description</li> <li>Observed Blocking</li> <li>Busy Hour</li> <li>Number Trunks</li> <li>Valid study days</li> <li>Number reports</li> <li>Remarks</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>CLEC Specific <ul style="list-style-type: none"> <li>Traffic Identity</li> <li>TGSN</li> <li>Tandem</li> <li>CLEC POT</li> <li>Description</li> <li>Observed Blocking</li> <li>Busy Hour</li> <li>Number Trunks</li> <li>Valid study days</li> <li>Number reports</li> <li>Remarks</li> </ul> </li> </ul>
<b>Level of Disaggregation:</b>	
State	
<b><u>DATA RETAINED RELATING TO CLEC EXPERIENCE</u></b>	<b><u>DATA RETAINED RELATING TO BST EXPERIENCE</u></b>
<ul style="list-style-type: none"> <li>Report month</li> <li>Total trunk groups</li> <li>Total trunk groups for which data is available</li> <li>Trunk groups with blocking greater than the MBT</li> <li>Percent of trunk groups with blocking greater than the MBT</li> <li>Traffic identity, TGSN, end points, description, busy hour, valid study days, number reports</li> </ul>	<ul style="list-style-type: none"> <li>Report month</li> <li>Total trunk groups</li> <li>Total trunk groups for which data is available</li> <li>Trunk groups with blocking greater than the MBT</li> <li>Percent of trunk groups with blocking greater than the MBT</li> <li>Traffic identity, TGSN, end points, description, busy hour, valid study days, number reports</li> </ul>
<b>Retail Analog/Benchmark:</b>	
Retail Analog	

## **COLLOCATION**

<b>Report/Measurement:</b>
Collocation/Average Response Time
<b>Definition:</b>
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.
<b>Exclusions:</b>
<ul style="list-style-type: none"> <li>• Requests to augment previously completed arrangements</li> <li>• Any application cancelled by the CLEC</li> </ul>
<b>Business Rules:</b>
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.
<b>Calculation:</b>
Average Response Time = $\Sigma(\text{Request Response Date}) - (\text{Request Submission Date}) / \text{Count of Responses}$ Returned within Reporting Period.
<b>Report Structure:</b>
<ul style="list-style-type: none"> <li>• Individual CLEC (alias) aggregate</li> <li>• Aggregate of all CLECs</li> </ul>
<b>Level of Disaggregation:</b>
<ul style="list-style-type: none"> <li>• State, Region and further geographic disaggregation as required by State Commission Order</li> <li>• Virtual</li> <li>• Physical</li> </ul>
<b>DATA RETAINED:</b>
<ul style="list-style-type: none"> <li>• Report period</li> <li>• Aggregate data</li> </ul>
<b>Retail Analog/Benchmark:</b>
Under development

## **COLLOCATION**

<b>Report/Measurement:</b>
Collocation/Average Arrangement Time
<b>Definition:</b>
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.
<b>Exclusions:</b>
<ul style="list-style-type: none"> <li>Any Bona Fide firm order cancelled by the CLEC</li> <li>Bona Fide firm orders to augment previously completed arrangements</li> <li>Time for BST to obtain permits</li> <li>Time during which the collocation contract is being negotiated</li> </ul>
<b>Business Rules:</b>
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.
<b>Calculation:</b>
Average Arrangement Time = $\Sigma(\text{Date Collocation Arrangement is Complete}) - (\text{Date Order for Collocation Arrangement Submitted}) / \text{Total Number of Collocation Arrangements Completed during Reporting Period}$ .
<b>Report Structure:</b>
<ul style="list-style-type: none"> <li>Individual CLEC (alias) aggregate</li> <li>Aggregate of all CLECs</li> </ul>
<b>Level of Disaggregation:</b>
<ul style="list-style-type: none"> <li>State, Region and further geographic disaggregation as required by State Commission Order</li> <li>Virtual</li> <li>Physical</li> </ul>
<b>DATA RETAINED:</b>
<ul style="list-style-type: none"> <li>Report period</li> <li>Aggregate data</li> </ul>
<b>Retail Analog/Benchmark:</b>
Under development



## **COLLOCATION**

<b>Report/Measurement:</b>
Collocation/Percent of Due Dates Missed
<b>Definition:</b>
Measures the percent of missed due dates for collocation arrangements.
<b>Exclusions:</b>
<ul style="list-style-type: none"> <li>Any Bona Fide firm order cancelled by the CLEC</li> <li>Bona Fide firm orders to augment previously completed arrangements</li> <li>Time for BST to obtain permits</li> <li>Time during which the collocation contract is being negotiated</li> </ul>
<b>Business Rules:</b>
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.
<b>Calculation:</b>
$\% \text{ of Due Dates Missed} = \Sigma (\text{Number of Orders not completed w/i ILEC Committed Due Date during Reporting Period}) / \text{Number of Orders Completed in Reporting Period}) \times 100$
<b>Report Structure:</b>
<ul style="list-style-type: none"> <li>Individual CLEC (alias) aggregate</li> <li>Aggregate of all CLECs</li> </ul>
<b>Level of Disaggregation:</b>
<ul style="list-style-type: none"> <li>State, Region and further geographic disaggregation as required by State Commission Order</li> <li>Virtual</li> <li>Physical</li> </ul>
<b>DATA RETAINED:</b>
<ul style="list-style-type: none"> <li>Report period</li> <li>Aggregate data</li> </ul>
<b>Retail Analog/Benchmark:</b>
Under development

**APPENDIX A: REPORTING SCOPE\***

<p><b>Standard Service Groupings</b></p>	<p><u>Pre-Order, Ordering</u></p> <ul style="list-style-type: none"> <li>• Resale Residence</li> <li>• Resale Business</li> <li>• Resale Special</li> <li>• Local Interconnection Trunks</li> <li>• UNE</li> <li>• UNE - Loops w/LNP</li> </ul> <p><u>Provisioning</u></p> <ul style="list-style-type: none"> <li>• UNE Non-Design</li> <li>• UNE Design</li> <li>• UNE Loops w/LNP</li> <li>• Local Interconnection Trunks</li> <li>• Resale Residence</li> <li>• Resale Business</li> <li>• Resale Design</li> <li>• BST Trunks</li> <li>• BST Residence Retail</li> <li>• BST Business Retail</li> </ul> <p><u>Maintenance and Repair</u></p> <ul style="list-style-type: none"> <li>• Local Interconnection Trunks</li> <li>• UNE Non-Design</li> <li>• UNE Design</li> <li>• Resale Residence</li> <li>• Resale Business</li> <li>• BST Interconnection Trunks</li> <li>• BST Residence Retail</li> <li>• BST Business Retail</li> </ul> <p><u>Local Interconnection Trunk Group Blockage</u></p> <ul style="list-style-type: none"> <li>• BST CTTG Trunk Groups</li> <li>• CLEC Trunk Groups</li> </ul>



**APPENDIX B: GLOSSARY OF ACRONYMS AND TERMS**

<b><u>A</u></b>	<b>ACD</b>	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.
	<b>AGGREGATE</b>	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.
	<b>ASR</b>	Access Service Request - A request for access service terminating delivery of carrier traffic into a Local Exchange Carrier's network.
	<b>ATLAS</b>	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.
	<b>ATLASTN</b>	ATLAS software contract for Telephone Number
<b>B</b>	<b>AUTO CLARIFICATION</b>	The number of LSRs that were electronically rejected from LESOG and electronically returned to the CLEC for correction.
	<b>BILLING</b>	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.
	<b>BOCRIS</b>	Business Office Customer Record Information System - A front-end presentation manager used by BellSouth organizations to access the CRIS database.
	<b>BRC</b>	Business Repair Center – The BellSouth Business Systems trouble receipt center which serves large business and CLEC customers.
	<b>BST</b>	BellSouth Telecommunications, Inc.
<b>C</b>	<b>CKTID</b>	A unique identifier for elements combined in a service configuration
	<b>CLEC</b>	Competitive Local Exchange Carrier
	<b>CMDS</b>	Centralized Message Distribution System - BellCore administered national system used to transfer specially formatted messages among companies.
	<b>COFFI</b>	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**

<b>C</b>	<b>COFIUSOC</b>	COFFI software contract for feature/service information
	<b>CRIS</b>	Customer Record Information System - The BellSouth proprietary corporate database and billing system for non-access customers and services.
	<b>CRSACCTS</b>	CRIS software contract for CSR information
	<b>CSR</b>	Customer Service Record
	<b>CTTG</b>	Common Transport Trunk Group - Final trunk groups between BST & Independent end offices and the BST access tandems.
<b>D</b>	<b>DESIGN</b>	Design Service is defined as any Special or Plain Old Telephone Service Order which requires BellSouth Design Engineering Activities
	<b>DISPOSITION &amp; CAUSE</b>	Types of trouble conditions, e.g. No Trouble Found, Central Office Equipment, Customer Premises Equipment, etc.
	<b>DLETH</b>	Display Lengthy Trouble History - A history report that gives all activity on a line record for trouble reports in LMOS
	<b>DLR</b>	Detail Line Record - All the basic information maintained on a line record in LMOS, e.g. name, address, facilities, features etc.
	<b>DOE</b>	Direct Order Entry System - An internal BellSouth service order entry system used by BellSouth Service Representatives to input business service orders in BellSouth format.
	<b>DSAP</b>	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.
	<b>DSAPDDI</b>	DSAP software contract for schedule information
<b>E</b>	<b>E911</b>	Provides callers access to the applicable emergency services bureau by dialing a 3-digit universal telephone number.
	<b>EDI</b>	Electronic Data Interchange - The computer-to-computer exchange of inter and/or intra company business documents in a public standard format.
<b>F</b>	<b>FATAL REJECT</b>	The number of LSRs that were electronically rejected from LEO, which checks to see if the LSR has all the required fields correctly populated
	<b>FLOW-THROUGH</b>	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.
	<b>FOC</b>	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**

<b>G</b>		
<b>H</b>	<b>HAL</b>	“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.
	<b>HALCRIS</b>	HAL software contract for CSR information
<b>I</b>	<b>ISDN</b>	Integrated Services Digital Network
<b>K</b>		
<b>L</b>	<b>LCSC</b>	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.
	<b>LEGACY SYSTEM</b>	Term used to refer to BellSouth Operations Support Systems (see OSS)
	<b>LENS</b>	Local Exchange Negotiation System - The BellSouth LAN/web server/OS application developed to provide both preordering and ordering electronic interface functions for CLECs.
	<b>LEO</b>	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.
	<b>LESOG</b>	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.
	<b>LMOS</b>	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.
	<b>LMOS HOST</b>	LMOS host computer
	<b>LMOSupd</b>	LMOS updates
	<b>LNP</b>	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.
	<b>LOOPS</b>	Transmission paths from the central office to the customer premises.
	<b>LSR</b>	Local Service Request – A request for local resale service or unbundled network elements from a CLEC.
<b>M</b>	<b>MAINTENANCE &amp; REPAIR</b>	The process and function by which trouble reports are passed to BellSouth and by which the related service problems are resolved.
	<b>MARCH</b>	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**

<b>N</b>	<b>NC</b>	“No Circuits” - All circuits busy announcement
<b>O</b>	<b>OASIS</b>	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.
	<b>OASISBSN</b>	OASIS software contract for feature/service
	<b>OASISCAR</b>	OASIS software contract for feature/service
	<b>OASISLPC</b>	OASIS software contract for feature/service
	<b>OASISMTN</b>	OASIS software contract for feature/service
	<b>OASISNET</b>	OASIS software contract for feature/service
	<b>OASISOCP</b>	OASIS software contract for feature/service
	<b>ORDERING</b>	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.
	<b>OSPCM</b>	Outside Plant Contract Management System - Provides Scheduling Information.
	<b>OSS</b>	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.  Customer has no dial tone and cannot call out.
	<b>OUT OF SERVICE</b>	
<b>P</b>	<b>POTS</b>	Plain Old Telephone Service
	<b>PREDICTOR</b>	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.
	<b>PREORDERING</b>	The process and functions by which vital information is obtained, verified, or validated prior to placing a service request.
	<b>PROVISIONING</b>	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.
	<b>PSIMS</b>	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.
	<b>PSIMSORB</b>	PSIMS software contract for feature/service

**Appendix B: Glossary of Acronyms and Terms – Continued**

<b>Q</b>		
<b>R</b>	<b>RNS</b>	Regional Negotiation System - An internal BellSouth service order entry system used by BellSouth Consumer Services to input service orders in BellSouth format.
	<b>RRC</b>	Residence Repair Center - The BellSouth Consumer Services trouble receipt center which serves residential customers.
	<b>RSAG</b>	Regional Street Address Guide - The BellSouth database, which contains street addresses validated to be accurate with state and local governments.
	<b>RSAGADDR</b>	RSAG software contract for address search
	<b>RSAGTN</b>	RSAG software contract for telephone number search
<b>S</b>	<b>SOCS</b>	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.
	<b>SOIR</b>	Service Order Interface Record - any change effecting activity to a customer account by service order that impacts 911/E911.
<b>T</b>	<b>TAFI</b>	Trouble Analysis Facilitation Interface - The BellSouth Operations System that supports trouble receipt center personnel in taking and handling customer trouble reports.
	<b>TAG</b>	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.
	<b>TN</b>	Telephone Number
	<b>TOTAL MANUAL FALLOUT</b>	The number of LSRs which are entered electronically but require manual entering into a service order generator.
<b>U</b>	<b>UNE</b>	Unbundled Network Element
<b>V</b>		
<b>W</b>	<b>WTN</b>	A unique identifier for elements combined in a service configuration
<b>X</b>		
<b>Y</b>		
<b>Z</b>		
<b>Σ</b>		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.

# EXHIBIT B

### **VSEEMIII TIER-1 SUBMETRICS**

- ❑ FOC Timeliness (Mechanized only)
- ❑ Reject Interval (Mechanized only)
- ❑ Order Completion Interval (Dispatch only) – Resale POTS
- ❑ Order Completion Interval (Dispatch only) – Resale Design
- ❑ Order Completion Interval (No Dispatch only) – UNE Loop and Port Combos
- ❑ Order Completion Interval ('w' code orders, Dispatch only) – UNE Loops
- ❑ Order Completion Interval (Dispatch only) – IC Trunks
- ❑ Percent Missed Installation Appointments – Resale POTS
- ❑ Percent Missed Installation Appointments – Resale Design
- ❑ Percent Missed Installation Appointments – UNE Loop and Port Combos
- ❑ Percent Missed Installation Appointments – UNE Loops
- ❑ Percent Provisioning Troubles within 4 Days - Resale POTS
- ❑ Percent Provisioning Troubles within 4 Days - Resale Design
- ❑ Percent Provisioning Troubles within 4 Days - UNE Loop and Port Combos
- ❑ Percent Provisioning Troubles within 4 Days - UNE Loops
- ❑ Customer Trouble Report Rate – Resale POTS
- ❑ Customer Trouble Report Rate – Resale Design
- ❑ Customer Trouble Report Rate - UNE Loop and Port Combos
- ❑ Customer Trouble Report Rate - UNE Loops
- ❑ Percent Missed Repair Appointments – Resale POTS
- ❑ Percent Missed Repair Appointments - Resale Design
- ❑ Percent Missed Repair Appointments - UNE Loop and Port Combos
- ❑ Percent Missed Repair Appointments - UNE Loops
- ❑ Maintenance Average Duration – Resale POTS
- ❑ Maintenance Average Duration – Resale Design
- ❑ Maintenance Average Duration - UNE Loop and Port Combos
- ❑ Maintenance Average Duration - UNE Loops
- ❑ Maintenance Average Duration – IC Trunks
- ❑ Percent Repeat Troubles within 30 Days – Resale POTS
- ❑ Percent Repeat Troubles within 30 Days – Resale Design
- ❑ Percent Repeat Troubles within 30 Days - UNE Loop and Port Combos
- ❑ Percent Repeat Troubles within 30 Days - UNE Loops
- ❑ Percent Trunk Blockage
- ❑ LNP Disconnect Timeliness
- ❑ LNP Percent Missed Installation Appointment
- ❑ Coordinated Customer Conversions for UNE Loops
- ❑ Coordinated Customer Conversions for LNP
- ❑ Percent Missed Collocation Due Dates

## **VSEEMIII TIER-2 SUBMETRICS**

- ☐ Percent Response Received within “X” seconds – Pre-Order OSS
- ☐ OSS Interface Availability
- ☐ Order Process Percent Flow-Through (Mechanized only)
- ☐ Order Completion Interval (Dispatch only) – Resale POTS
- ☐ Order Completion Interval (Dispatch only) – Resale Design
- ☐ Order Completion Interval (No Dispatch only) – UNE Loop and Port Combos
- ☐ Order Completion Interval (‘w’ code orders, Dispatch only) – UNE Loops
- ☐ Order Completion Interval (Dispatch only) – IC Trunks
- ☐ Percent Missed Installation Appointments – Resale POTS
- ☐ Percent Missed Installation Appointments – Resale Design
- ☐ Percent Missed Installation Appointments – UNE Loop and Port Combos
- ☐ Percent Missed Installation Appointments – UNE Loops
- ☐ Percent Provisioning Troubles within 4 Days - Resale POTS
- ☐ Percent Provisioning Troubles within 4 Days - Resale Design
- ☐ Percent Provisioning Troubles within 4 Days - UNE Loop and Port Combos
- ☐ Percent Provisioning Troubles within 4 Days - UNE Loops
- ☐ Customer Trouble Report Rate – Resale POTS
- ☐ Customer Trouble Report Rate – Resale Design
- ☐ Customer Trouble Report Rate - UNE Loop and Port Combos
- ☐ Customer Trouble Report Rate - UNE Loops
- ☐ Percent Missed Repair Appointments – Resale POTS
- ☐ Percent Missed Repair Appointments - Resale Design
- ☐ Percent Missed Repair Appointments - UNE Loop and Port Combos
- ☐ Percent Missed Repair Appointments - UNE Loops
- ☐ Maintenance Average Duration – Resale POTS
- ☐ Maintenance Average Duration – Resale Design
- ☐ Maintenance Average Duration - UNE Loop and Port Combos
- ☐ Maintenance Average Duration - UNE Loops
- ☐ Maintenance Average Duration – IC Trunks
- ☐ Percent Repeat Troubles within 30 Days – Resale POTS
- ☐ Percent Repeat Troubles within 30 Days – Resale Design
- ☐ Percent Repeat Troubles within 30 Days - UNE Loop and Port Combos
- ☐ Percent Repeat Troubles within 30 Days - UNE Loops
- ☐ Billing Timeliness
- ☐ Billing Accuracy
- ☐ Usage Data Delivery Timeliness
- ☐ Usage Data Delivery Accuracy
- ☐ Percent Trunk Blockage
- ☐ LNP Disconnect Timeliness
- ☐ LNP Percent Missed Installation Appointment
- ☐ Coordinated Customer Conversions for UNE Loops
- ☐ Coordinated Customer Conversions for LNP
- ☐ Percent Missed Collocation Due Dates

### **VSEEMIII TIER-3 SUBMETRICS**

- ❑ Percent Missed Installation Appointments – Resale POTS
- ❑ Percent Missed Installation Appointments – Resale Design
- ❑ Percent Missed Installation Appointments – UNE Loop and Port Combos
- ❑ Percent Missed Installation Appointments – UNE Loops
- ❑ Percent Missed Repair Appointments – Resale POTS
- ❑ Percent Missed Repair Appointments - Resale Design
- ❑ Percent Missed Repair Appointments - UNE Loop and Port Combos
- ❑ Percent Missed Repair Appointments - UNE Loops
- ❑ Billing Timeliness
- ❑ Billing Accuracy
- ❑ Percent Trunk Blockage
- ❑ Percent Missed Collocation Due Dates

<b>VSEEM III</b>	<b>MEASURES AND SUB-METRICS</b>	<b><u>RETAIL ANALOGUE</u></b> Resale (x) and UNEs	<b><u>BENCH MARK</u></b>
<b>Pre-Ordering</b>	Percent Response Received within "X" seconds	Retail Analogue + 4 sec	
	OSS Interface Availability	x	
<b>Ordering</b>	Percent Flow-Through Service Request (Fully Mechanized only)		90%
	Firm Order Confirmation Timeliness (Mechanized only)		95% ≤ 4 hrs
	Reject Interval (Mechanized only)		95% ≤ 1 hrs
<b>Provisioning</b>	Order Completion Interval (Dispatch only) – Resale POTS	x	
	Order Completion Interval (Dispatch only) – Resale Design	x	
	Order Completion Interval (No Dispatch only) – UNE Loop & Port Combos	Retail Residence and Business	
	Order Completion Interval (Dispatch only) – UNE Loops	Design: Retail Design Dispatch 'w' Orders Non-Design: Retail Res, Bus Dispatch 'w' Orders	
	Order Completion Interval (Dispatch only) – IC Trunks	x	
	Percent Missed Installation Appointments – Resale POTS	x	
	Percent Missed Installation Appointments – Resale Design	x	
	Percent Missed Installation Appointments – UNE Loop and Port Combos	Retail Residence and Business	
	Percent Missed Installation Appointments – UNE Loops	Design: Retail Design <sup>1</sup> Non-Design: Retail Res, Bus <sup>1</sup>	
	Percent Provisioning Troubles within 4 Days - Resale POTS	x	
	Percent Provisioning Troubles within 4 Days - Resale Design	x	
	Percent Provisioning Troubles within 4 Days - UNE Loop and Port Combos	Retail Residence and Business	
	Percent Provisioning Troubles within 4 Days - UNE Loops	Design: Retail Design <sup>1</sup> Non-Design: Retail Res, Bus <sup>1</sup>	
<b>Maintenance</b>	Customer Trouble Report Rate – Resale POTS	x	
	Customer Trouble Report Rate – Resale Design	x	
	Customer Trouble Report Rate - UNE Loop and Port Combos	Retail Residence and Business	
	Customer Trouble Report Rate - UNE Loops	Design: Retail Design <sup>1</sup> Non-Design: Retail Res, Bus <sup>1</sup>	
	Percent Missed Repair Appointments – Resale POTS	x	
	Percent Missed Repair Appointments - Resale Design	x	
	Percent Missed Repair Appointments - UNE Loop and Port Combos	Retail Residence and Business	
	Percent Missed Repair Appointments - UNE Loops	Design: Retail Design <sup>1</sup> Non-Design: Retail Res, Bus <sup>1</sup>	

NOTES: <sup>1</sup> The retail analog for UNE Non-Design is the average of all retail residence and retail business transactions for the particular month.  
The retail  
analog for UNE Design is calculated similarly using retail residence, business and design results.  
<sup>2</sup> UD = Under Development

Maintenance Continued	Maintenance Average Duration – Resale POTS	x	
	Maintenance Average Duration – Resale Design	x	
	Maintenance Average Duration - UNE Loop and Port Combos	Retail Residence and Business	
	Maintenance Average Duration - UNE Loops	Design: Retail Design <sup>1</sup> Non-Design: Retail Res, Bus <sup>1</sup>	
	Maintenance Average Duration – IC Trunks	x	
	Percent Repeat Troubles within 30 Days – Resale POTS	x	
	Percent Repeat Troubles within 30 Days – Resale Design	x	
	Percent Repeat Troubles within 30 Days - UNE Loop and Port Combos	Retail Residence and Business	
	Percent Repeat Troubles within 30 Days - UNE Loops	Design: Retail Design <sup>1</sup> Non-Design: Retail Res, Bus <sup>1</sup>	
Billing	Invoice Accuracy	x	
	Mean Time To Deliver Invoices	x	
	Usage Data Delivery Accuracy	x	
	Usage Data Delivery Timeliness	x	
Trunk Blockage	Trunk Group Service Report (Percent Trunk Blockage)	x	
LNP	Average Disconnect Timeliness Interval		UD <sup>2</sup>
	Percent Missed Installation Appointments		UD <sup>2</sup>
CC	Coordinated Customer Conversions – UNE Loop		95% ≤ 15min
Conversions	Coordinated Customer Conversions – LNP		95% ≤ 15 min
Collocation	% of Due Dates Missed		≤ 10%

NOTES: <sup>1</sup> The retail analog for UNE Non-Design is the average of all retail residence and retail business transactions for the particular month.  
The retail  
analog for UNE Design is calculated similarly using retail residence, business and design results.  
<sup>2</sup> UD = Under Development

# EXHIBIT C



## Statistical Methods for BellSouth Performance Measure Analysis

### I. Necessary Properties for a Test Methodology

The statistical process for testing if competing local exchange carriers (CLECs) customers are being treated equally with BellSouth (BST) customers involves more than just a mathematical formula. Three key elements need to be considered before an appropriate decision process can be developed. These are

- the type of data,
- the type of comparison, and
- the type of performance measure.

Once these elements are determined a test methodology should be developed that complies with the following properties.

- Like-to-Like Comparisons. When possible, data should be compared at appropriate levels, e.g. wire center, time of month, dispatched, residential, new orders. The testing process should:
  - Identify variables that may affect the performance measure.
  - Record these important confounding covariates.
  - Adjust for the observed covariates in order to remove potential biases and to make the CLEC and the ILEC units as comparable as possible.
- Aggregate Level Test Statistic. Each performance measure of interest should be summarized by one overall test statistic giving the decision maker a rule that determines whether a statistically significant difference exists. The test statistic should have the following properties.
  - The method should provide a single overall index, on a standard scale.
  - If entries in comparison cells are exactly proportional over a covariate, the aggregated index should be very nearly the same as if comparisons on the covariate had not been done.
  - The contribution of each comparison cell should depend on the number of observations in the cell.
  - Cancellation between comparison cells should be limited.
  - The index should be a continuous function of the observations.
- Production Mode Process. The decision system must be developed so that it does not require intermediate manual intervention, i.e. the process must be a “black box.”
  - Calculations are well defined for possible eventualities.
  - The decision process is an algorithm that needs no manual intervention.
  - Results should be arrived at in a timely manner.
  - The system must recognize that resources are needed for other performance measure-related processes that also must be run in a timely manner.
  - The system should be auditable, and adjustable over time.
- Balancing. The testing methodology should balance Type I and Type II Error probabilities.
  - $P(\text{Type I Error}) = P(\text{Type II Error})$  for well defined null and alternative hypotheses.

- The formula for a test's balancing critical value should be simple enough to calculate using standard mathematical functions, i.e. one should avoid methods that require computationally intensive techniques.
- Little to no information beyond the null hypothesis, the alternative hypothesis, and the number of observations should be required for calculating the balancing critical value.

In the following sections we describe appropriate testing processes that adhere as much as possible to the testing principles.

### Measurement Types

The performance measures that will undergo testing are of three types:

- 1) means
- 2) proportions, and
- 3) rates

While all three have similar characteristics (a proportion is the average of a measure that takes on only the values of 0 or 1), a proportion or rate is derived from count data while a mean is generally an average of interval measurements.

## **II. Testing Methodology – The Truncated Z**

Many covariates are chosen in order to provide deep comparison levels. In each comparison cell, a Z statistic is calculated. The form of the Z statistic may vary depending on the performance measure, but it should be distributed approximately as a standard normal, with mean zero and variance equal to one. Assuming that the test statistic is derived so that it is negative when the performance for the CLEC is worse than for the ILEC, a positive truncation is done – i.e. if the result is negative it is left alone, if the result is positive it is changed to zero. A weighted average of the truncated statistics is calculated where a cell weight depends on the volume of BST and CLEC orders in the cell. The weighted average is re-centered by the theoretical mean of a truncated distribution, and this is divided by the standard error of the weighted average. The standard error is computed assuming a fixed effects model.

### *Proportion Measures*

For performance measures that are calculated as a proportion, in each adjustment cell, the truncated Z and the moments for the truncated Z can be calculated in a direct manner. In adjustment cells where proportions are not close to zero or one, and where the sample sizes are reasonably large, a normal approximation can be used. In this case, the moments for the truncated Z come directly from properties of the standard normal distribution. If the normal approximation is not appropriate, then the Z statistic is calculated from the hypergeometric distribution. In this case, the moments of the truncated Z are calculated exactly using the hypergeometric probabilities.

### *Rate Measures*

The truncated Z methodology for rate measures has the same general structure for calculating the Z in each cell as proportion measures. For a rate measure, there are a fixed number of circuits or units for the CLEC,  $n_{2j}$  and a fixed number of units for BST,  $n_{1j}$ . Suppose that the performance measure is a "trouble rate." The modeling assumption is that the occurrence of a trouble is independent between units and the number of troubles in n circuits follows a Poisson distribution with mean  $\lambda n$  where  $\lambda$  is the probability of a trouble in 1 circuit and n is the number of circuits.

In an adjustment cell, if the number of CLEC troubles is greater than 15 and the number of BST troubles is greater than 15, then the Z test is calculated using the normal approximation to the Poisson. In this case, the moments of the truncated Z come directly from properties of the standard normal distribution. Otherwise, if there are very few troubles, the number of CLEC troubles can be modeled using a binomial distribution with n equal to the total number of troubles (CLEC plus BST troubles.) In this case, the moments for the truncated Z are calculated explicitly using the binomial distribution.

#### *Mean Measures*

For mean measures, an adjusted t statistic is calculated for each like-to-like cell which has at least 7 BST and 7 CLEC transactions. A permutation test is used when one or both of the BST and CLEC sample sizes is less than 6. Both the adjusted t statistic and the permutation calculation are described in the technical appendix.

# **APPENDIX TECHNICAL DESCRIPTION**

We start by assuming that any necessary trimming of the data is complete, and that the data are disaggregated so that comparisons are made within appropriate classes or adjustment cells that define “like” observations.

## **NOTATION AND EXACT TESTING DISTRIBUTIONS**

Below, we have detailed the basic notation for the construction of the truncated z statistic. In what follows the word “cell” should be taken to mean a like-to-like comparison cell that has both one (or more) ILEC observation and one (or more) CLEC observation.

- $L$  = the total number of occupied cells
- $j$  =  $1, \dots, L$ ; an index for the cells
- $n_{1j}$  = the number of ILEC transactions in cell  $j$
- $n_{2j}$  = the number of CLEC transactions in cell  $j$
- $n_j$  = the total number transactions in cell  $j$ ;  $n_{1j} + n_{2j}$
- $X_{1jk}$  = individual ILEC transactions in cell  $j$ ;  $k = 1, \dots, n_{1j}$
- $X_{2jk}$  = individual CLEC transactions in cell  $j$ ;  $k = 1, \dots, n_{2j}$
- $Y_{jk}$  = individual transaction (both ILEC and CLEC) in cell  $j$
- $$= \begin{cases} X_{1jk} & k = 1, \dots, n_{1j} \\ X_{2jk} & k = n_{1j} + 1, \dots, n_j \end{cases}$$
- $\Phi^{-1}(\cdot)$  = the inverse of the cumulative standard normal distribution function

For Mean Performance Measures the following additional notation is needed.

- $\bar{X}_{1j}$  = the ILEC sample mean of cell  $j$
- $\bar{X}_{2j}$  = the CLEC sample mean of cell  $j$
- $S_{1j}^2$  = the ILEC sample variance in cell  $j$
- $S_{2j}^2$  = the CLEC sample variance in cell  $j$
- $y_{jk}$  = a random sample of size  $n_{2j}$  from the set of  $Y_{j1}, \dots, Y_{jn_j}$ ;  $k = 1, \dots, n_{2j}$
- $M_j$  = the total number of distinct pairs of samples of size  $n_{1j}$  and  $n_{2j}$ ;
- $$= \binom{n_j}{n_{1j}}$$

The exact parity test is the permutation test based on the “modified Z” statistic. For large samples, we can avoid permutation calculations since this statistic will be normal (or Student’s t) to a good approximation. For small samples, where we cannot avoid permutation calculations, we have found that the difference between “modified Z” and the textbook “pooled Z” is negligible. We therefore propose to use the permutation test based on pooled Z for small samples. This decision speeds up the permutation computations considerably, because for each permutation we need only compute the sum of the CLEC sample values, and not the pooled statistic itself.

A permutation probability mass function distribution for cell  $j$ , based on the “pooled Z” can be written as

$$PM(t) = P\left(\sum_k y_{jk} = t\right) = \frac{\text{the number of samples that sum to } t}{M_j},$$

and the corresponding cumulative permutation distribution is

$$CPM(t) = P\left(\sum_k y_{jk} \leq t\right) = \frac{\text{the number of samples with sum } \leq t}{M_j}.$$

For Proportion Performance Measures the following notation is defined

- $a_{1j}$  = the number of ILEC cases possessing an attribute of interest in cell  $j$
- $a_{2j}$  = the number of CLEC cases possessing an attribute of interest in cell  $j$
- $a_j$  = the number of cases possessing an attribute of interest in cell  $j$ ;  $a_{1j} + a_{2j}$

The exact distribution for a parity test is the hypergeometric distribution. The hypergeometric probability mass function distribution for cell  $j$  is

$$HG(h) = P(H = h) = \begin{cases} \frac{\binom{n_{1j}}{h} \binom{n_{2j}}{a_j - h}}{\binom{n_j}{a_j}}, & \max(0, a_j - n_{2j}) \leq h \leq \min(a_j, n_{1j}) \\ 0 & \text{otherwise} \end{cases},$$

and the cumulative hypergeometric distribution is

$$CHG(x) = P(H \leq x) = \begin{cases} 0 & x < \max(0, a_j - n_{1j}) \\ \sum_{h=\max(0, a_j - n_{1j})}^x HG(h), & \max(0, a_j - n_{1j}) \leq x \leq \min(a_j, n_{2j}) \\ 1 & x > \min(a_j, n_{2j}) \end{cases}.$$

For Rate Measures, the notation needed is defined as

- $b_{1j}$  = the number of ILEC base elements in cell  $j$
- $b_{2j}$  = the number of CLEC base elements in cell  $j$
- $b_j$  = the total number of base elements in cell  $j$ ;  $b_{1j} + b_{2j}$
- $\bar{p}_{1j}$  = the ILEC sample rate of cell  $j$ ;  $n_{1j}/b_{1j}$
- $\bar{p}_{2j}$  = the CLEC sample rate of cell  $j$ ;  $n_{2j}/b_{2j}$
- $q_j$  = the relative proportion of CLEC elements for cell  $j$ ;  $b_{2j}/b_j$

The exact distribution for a parity test is the binomial distribution. The binomial probability mass function distribution for cell  $j$  is

$$BN(k) = P(B = k) = \begin{cases} \binom{n_j}{k} q_j^k (1 - q_j)^{n_j - k}, & 0 \leq k \leq n_j, \\ 0 & \text{otherwise} \end{cases}$$

and the cumulative binomial distribution is

$$CBN(x) = P(B \leq x) = \begin{cases} 0 & x < 0 \\ \sum_{k=0}^x BN(k), & 0 \leq x \leq n_j. \\ 1 & x > n_j \end{cases}$$

### **CALCULATING THE TRUNCATED Z**

The general methodology for calculating an aggregate level test statistic is outlined below.

1. **Calculate cell weights,  $W_j$ .** A weight based on the number of transactions is used so that a cell which has a larger number of transactions has a larger weight. The actual weight formulae will depend on the type of measure.

*Mean Measure*

$$W_j = \sqrt{\frac{n_{1j}n_{2j}}{n_j}}$$

*Proportion Measure*

$$W_j = \sqrt{\frac{n_{2j}n_{1j}}{n_j} \cdot \frac{a_j}{n_j} \cdot \left(1 - \frac{a_j}{n_j}\right)}$$

*Rate Measure*

$$W_j = \sqrt{\frac{b_{1j}b_{2j}}{b_j} \cdot \frac{n_j}{b_j}}$$

2. **In each cell, calculate a Z value,  $Z_j$ .** A Z statistic with mean 0 and variance 1 is needed for each cell.

- If  $W_j = 0$ , set  $Z_j = 0$ .
- Otherwise, the actual Z statistic calculation depends on the type of performance measure.

*Mean Measure*

$$Z_j = \Phi^{-1}(\alpha)$$

where  $\alpha$  is determined by the following algorithm.

If  $\min(n_{1j}, n_{2j}) > 6$ , then determine  $\alpha$  as

$$\alpha = P(t_{n_{1j}-1} \leq T_j),$$

that is,  $\alpha$  is the probability that a  $t$  random variable with  $n_{1j} - 1$  degrees of freedom, is less than

$$T_j = t_j + \frac{g}{6} \left( \frac{n_{1j} + 2n_{2j}}{\sqrt{n_{1j} n_{2j} (n_{1j} + n_{2j})}} \right) \left( t^2 + \frac{n_{2j} - n_{1j}}{2n_{1j} + n_{2j}} \right),$$

where

$$t_j = \frac{\bar{X}_{1j} - \bar{X}_{2j}}{s_{1j} \sqrt{\frac{1}{n_{1j}} + \frac{1}{n_{2j}}}}$$

and the coefficient  $g$  is an estimate of the skewness of the parent population, which we assume is the same in all cells. It can be estimated from the ILEC values in the largest cells. This needs to be done only once for each measure. We have found that attempting to estimate this skewness parameter for each cell separately leads to excessive variability in the "adjusted"  $t$ . We therefore use a single compromise value in all cells.

Note, that  $t_j$  is the "modified Z" statistic. The statistic  $T_j$  is a "modified Z" corrected for the skewness of the ILEC data.

If  $\min(n_{1j}, n_{2j}) \leq 6$ , and

a)  $M_j \leq 1,000$  (the total number of distinct pairs of samples of size  $n_{1j}$  and  $n_{2j}$  is 1,000 or less).

- Calculate the sample sum for all possible samples of size  $n_{2j}$ .
- Rank the sample sums from smallest to largest. Ties are dealt by using average ranks.
- Let  $R_0$  be the rank of the observed sample sum with respect all the sample sums.

$$\alpha = 1 - \frac{R_0 - 0.5}{M_j}$$

b)  $M_j > 1,000$

- Draw a random sample of 1,000 sample sums from the permutation distribution.
- Add the observed sample sum to the list. There is a total of 1001 sample sums. Rank the sample sums from smallest to largest. Ties are dealt by using average ranks.
- Let  $R_0$  be the rank of the observed sample sum with respect all the sample sums.

$$\alpha = 1 - \frac{R_0 - 0.5}{1001}.$$

### Proportion Measure

$$Z_j = \frac{n_j a_{1j} - n_{1j} a_j}{\sqrt{\frac{n_{1j} n_{2j} a_j (n_j - a_j)}{n_j - 1}}}.$$



*Rate Measure*

$$Z_j = \frac{n_{1j} - n_j q_j}{\sqrt{n_j q_j (1 - q_j)}}.$$

3. **Obtain a truncated Z value for each cell,  $Z_j^*$ .** To limit the amount of cancellation that takes place between cell results during aggregation, cells whose results suggest possible favoritism are left alone. Otherwise the cell statistic is set to zero. This means that positive equivalent Z values are set to 0, and negative values are left alone. Mathematically, this is written as

$$Z_j^* = \min(0, Z_j).$$

4. **Calculate the theoretical mean and variance of the truncated statistic under the null hypothesis of parity,  $E(Z_j^* | H_0)$  and  $\text{Var}(Z_j^* | H_0)$ .** In order to compensate for the truncation in step 3, an aggregated, weighted sum of the  $Z_j^*$  will need to be centered and scaled properly so that the final aggregate statistic follows a standard normal distribution.

- If  $W_j = 0$ , then no evidence of favoritism is contained in the cell. The formulae for calculating  $E(Z_j^* | H_0)$  and  $\text{Var}(Z_j^* | H_0)$  cannot be used. Set both equal to 0.
- If  $\min(n_{1j}, n_{2j}) > 6$  for a mean measure,  $\min\left\{a_{1j}\left(1 - \frac{a_{1j}}{n_{1j}}\right), a_{2j}\left(1 - \frac{a_{2j}}{n_{2j}}\right)\right\} > 9$  for a proportion measure, or  $\min(n_{1j}, n_{2j}) > 15$  and  $n_j q_j (1 - q_j) > 9$  for a rate measure then

$$E(Z_j^* | H_0) = -\frac{1}{\sqrt{2\pi}}, \text{ and}$$

$$\text{Var}(Z_j^* | H_0) = \frac{1}{2} - \frac{1}{2\pi}.$$

- Otherwise, determine the total number of values for  $Z_j^*$ . Let  $z_{ji}$  and  $\theta_{ji}$ , denote the values of  $Z_j^*$  and the probabilities of observing each value, respectively.

$$E(Z_j^* | H_0) = \sum_i \theta_{ji} z_{ji}, \text{ and}$$

$$\text{Var}(Z_j^* | H_0) = \sum_i \theta_{ji} z_{ji}^2 - [E(Z_j^* | H_0)]^2.$$

The actual values of the z's and  $\theta$ 's depends on the type of measure, and the sums in the equations are over all possible values of the index i.

*Mean Measure*

$$N_j = \min(M_j, 1,000), \quad i = 1, K, \quad N_j$$

$$z_{ji} = \min \left\{ 0, 1 - \Phi^{-1} \left( \frac{R_i - 0.5}{N_j} \right) \right\} \quad \text{where } R_i \text{ is the rank of sample sum } i$$

$$\theta_j = \frac{1}{N_j}$$

*Proportion Measure*

$$z_{ji} = \min \left\{ 0, \frac{n_j i - n_{1j} a_j}{\sqrt{\frac{n_{1j} n_{2j} a_j (n_j - a_j)}{n_j - 1}}} \right\}, \quad i = \min(a_j, n_{2j}), K, \max(0, a_j - n_{1j})$$

$$\theta_{ji} = \text{HG}(i)$$

*Rate Measure*

$$z_{ji} = \min \left\{ 0, \frac{i - n_j q_j}{\sqrt{n_j q_j (1 - q_j)}} \right\}, \quad i = 0, K, n_j$$

$$\theta_{ji} = \text{BN}(i)$$

5. Calculate the aggregate test statistic,  $Z^T$ .

$$Z^T = \frac{\sum_j W_j Z_j^* - \sum_j W_j E(Z_j^* | H_0)}{\sqrt{\sum_j W_j^2 \text{Var}(Z_j^* | H_0)}}$$

**The Balancing Critical Value**

There are four key elements of the statistical testing process:

1. the null hypothesis,  $H_0$ , that parity exists between ILEC and CLEC services
2. the alternative hypothesis,  $H_a$ , that the ILEC is giving better service to its own customers
3. the Truncated Z test statistic,  $Z^T$ , and
4. a critical value,  $c$

The decision rule<sup>1</sup> is

- If  $Z^T < c$  then accept  $H_a$ .
- If  $Z^T \geq c$  then accept  $H_0$ .

There are two types of error possible when using such a decision rule:

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<sup>1</sup> This decision rule assumes that a negative test statistic indicates poor service for the CLEC customer. If the opposite is true, then reverse the decision rule.

**Type I Error:** Deciding favoritism exists when there is, in fact, no favoritism.  
**Type II Error:** Deciding parity exists when there is, in fact, favoritism.

The probabilities of each type of each are:

**Type I Error:**  $\alpha = P(Z^T < c \mid H_0)$ .  
**Type II Error:**  $\beta = P(Z^T \geq c \mid H_a)$ .

We want a balancing critical value,  $c_B$ , so that  $\alpha = \beta$ .

It can be shown that.

$$c_B = \frac{\sum_j W_j M(m_j, se_j) - \sum_j W_j \frac{-1}{\sqrt{2\pi}}}{\sqrt{\sum_j W_j^2 V(m_j, se_j) + \sum_j W_j^2 \left( \frac{1}{2} - \frac{1}{2\pi} \right)}}$$

where

$$M(\mu, \sigma) = \mu \Phi\left(\frac{-\mu}{\sigma}\right) - \sigma \phi\left(\frac{-\mu}{\sigma}\right)$$

$$V(\mu, \sigma) = (\mu^2 + \sigma^2) \Phi\left(\frac{-\mu}{\sigma}\right) - \mu \sigma \phi\left(\frac{-\mu}{\sigma}\right) - M(\mu, \sigma)^2$$

$\Phi(\cdot)$  is the cumulative standard normal distribution function, and  $\phi(\cdot)$  is the standard normal density function.

This formula assumes that  $Z_j$  is approximately normally distributed within cell  $j$ . When the cell sample sizes,  $n_{1j}$  and  $n_{2j}$ , are small this may not be true. It is possible to determine the cell mean and variance under the null hypothesis when the cell sample sizes are small. It is much more difficult to determine these values under the alternative hypothesis. Since the cell weight,  $W_j$  will also be small (see calculate weights section above) for a cell with small volume, the cell mean and variance will not contribute much to the weighted sum. Therefore, the above formula provides a reasonable approximation to the balancing critical value.

The values of  $m_j$  and  $se_j$  will depend on the type of performance measure.

#### Mean Measure

For mean measures, one is concerned with two parameters in each cell, namely, the mean and variance. A possible lack of parity may be due to a difference in cell means, and/or a difference in cell variances. One possible set of hypotheses that capture this notion, and take into account the assumption that transaction are identically distributed within cells is:

$$H_0: \mu_{1j} = \mu_{2j}, \sigma_{1j}^2 = \sigma_{2j}^2$$

$$H_a: \mu_{2j} = \mu_{1j} + \delta_j \cdot \sigma_{1j}, \sigma_{2j}^2 = \lambda_j \cdot \sigma_{1j}^2 \quad \delta_j > 0, \lambda_j \geq 1 \text{ and } j = 1, \dots, L.$$

Under this form of alternative hypothesis, the cell test statistic  $Z_j$  has mean and standard error given by

$$m_j = \frac{-\delta_j}{\sqrt{\frac{1}{n_{1j}} + \frac{1}{n_{2j}}}}, \text{ and}$$

$$se_j = \sqrt{\frac{\lambda_j n_{1j} + n_{2j}}{n_{1j} + n_{2j}}}$$

### Proportion Measure

For a proportion measure there is only one parameter of interest in each cell, the proportion of transaction possessing an attribute of interest. A possible lack of parity may be due to a difference in cell proportions. A set of hypotheses that take into account the assumption that transaction are identically distributed within cells while allowing for an analytically tractable solution is:

$$H_0: \frac{p_{2j}(1-p_{1j})}{(1-p_{2j})p_{1j}} = 1$$

$$H_a: \frac{p_{2j}(1-p_{1j})}{(1-p_{2j})p_{1j}} = \psi_j \quad \psi_j > 1 \text{ and } j = 1, \dots, L.$$

These hypotheses are based on the “odds ratio.” If the transaction attribute of interest is a missed trouble repair, then an interpretation of the alternative hypothesis is that a CLEC trouble repair appointment is  $\psi_j$  times more likely to be missed than an ILEC trouble.

Under this form of alternative hypothesis, the within cell asymptotic mean and variance of  $a_{1j}$  are given by<sup>2</sup>

$$E(a_{1j}) = n_j \pi_j^{(1)}$$

$$\text{var}(a_{1j}) = \frac{n_j}{\frac{1}{\pi_j^{(1)}} + \frac{1}{\pi_j^{(2)}} + \frac{1}{\pi_j^{(3)}} + \frac{1}{\pi_j^{(4)}}}$$

where

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<sup>2</sup> Stevens, W. L. (1951) Mean and Variance of an entry in a Contingency Table. *Biometrika*, **38**, 468-470.

$$\begin{aligned}
\pi_j^{(1)} &= f_j^{(1)} \left( n_j^2 + f_j^{(2)} + f_j^{(3)} - f_j^{(4)} \right) \\
\pi_j^{(2)} &= f_j^{(1)} \left( -n_j^2 - f_j^{(2)} + f_j^{(3)} + f_j^{(4)} \right) \\
\pi_j^{(3)} &= f_j^{(1)} \left( -n_j^2 + f_j^{(2)} - f_j^{(3)} + f_j^{(4)} \right) \\
\pi_j^{(4)} &= f_j^{(1)} \left( n_j^2 \left( \frac{2}{\psi_j} - 1 \right) - f_j^{(2)} - f_j^{(3)} - f_j^{(4)} \right) \\
f_j^{(1)} &= \frac{1}{2n_j^2 \left( \frac{1}{\psi_j} - 1 \right)} \\
f_j^{(2)} &= n_j n_{1j} \left( \frac{1}{\psi_j} - 1 \right) \\
f_j^{(3)} &= n_j a_j \left( \frac{1}{\psi_j} - 1 \right) \\
f_j^{(4)} &= \sqrt{n_j^2 \left[ 4n_{1j} (n_j - a_j) \left( \frac{1}{\psi_j} - 1 \right) + \left( n_j + (a_j - n_{1j}) \left( \frac{1}{\psi_j} - 1 \right) \right)^2 \right]}
\end{aligned}$$

Recall that the cell test statistic is given by

$$Z_j = \frac{n_j a_{1j} - n_{1j} a_j}{\sqrt{\frac{n_{1j} n_{2j} a_j (n_j - a_j)}{n_j - 1}}}.$$

Using the equations above, we see that  $Z_j$  has mean and standard error given by

$$\begin{aligned}
m_j &= \frac{n_j^2 \pi_j^{(1)} - n_{1j} a_j}{\sqrt{\frac{n_{1j} n_{2j} a_j (n_j - a_j)}{n_j - 1}}}, \text{ and} \\
se_j &= \sqrt{\frac{n_j^3 (n_j - 1)}{n_{1j} n_{2j} a_j (n_j - a_j) \left( \frac{1}{\pi_j^{(1)}} + \frac{1}{\pi_j^{(2)}} + \frac{1}{\pi_j^{(3)}} + \frac{1}{\pi_j^{(4)}} \right)}}.
\end{aligned}$$

### Rate Measure

A rate measure also has only one parameter of interest in each cell, the rate at which a phenomenon is observed relative to a base unit, e.g. the number of troubles per available line. A possible lack of parity may be due to a difference in cell rates. A set of hypotheses that take into account the assumption that transaction are identically distributed within cells is:

$$H_0: r_{1j} = r_{2j}$$

$$H_a: r_{2j} = \epsilon_j r_{1j} \quad \epsilon_j > 1 \text{ and } j = 1, \dots, L.$$

Given the total number of ILEC and CLEC transactions in a cell,  $n_j$ , and the number of base elements,  $b_{1j}$  and  $b_{2j}$ , the number of ILEC transaction,  $n_{1j}$ , has a binomial distribution from  $n_j$  trials and a probability of

$$q_j^* = \frac{r_{1j}b_{1j}}{r_{1j}b_{1j} + r_{2j}b_{2j}}.$$

Therefore, the mean and variance of  $n_{1j}$ , are given by

$$\begin{aligned} E(n_{1j}) &= n_j q_j^* \\ \text{var}(n_{1j}) &= n_j q_j^* (1 - q_j^*) \end{aligned}$$

Under the null hypothesis

$$q_j^* = q_j = \frac{b_{1j}}{b_j},$$

but under the alternative hypothesis

$$q_j^* = q_j^a = \frac{b_{1j}}{b_{1j} + \varepsilon_j b_{2j}}.$$

Recall that the cell test statistic is given by

$$Z_j = \frac{n_{1j} - n_j q_j}{\sqrt{n_j q_j (1 - q_j)}}.$$

Using the relationships above, we see that  $Z_j$  has mean and standard error given by

$$\begin{aligned} m_j &= \frac{n_j (q_j^a - q_j)}{\sqrt{n_j q_j (1 - q_j)}} = (1 - \varepsilon_j) \sqrt{\frac{n_j b_{1j} b_{2j}}{b_{1j} + \varepsilon_j b_{2j}}}, \text{ and} \\ \text{se}_j &= \sqrt{\frac{q_j^a (1 - q_j^a)}{q_j (1 - q_j)}} = \sqrt{\varepsilon_j} \frac{b_j}{b_{1j} + \varepsilon_j b_{2j}}. \end{aligned}$$

### Determining the Parameters of the Alternative Hypothesis

In this appendix we have indexed the alternative hypothesis of mean measures by two sets of parameters,  $\lambda_j$  and  $\delta_j$ . Proportion and rate measures have been indexed by one set of parameters each,  $\psi_j$  and  $\varepsilon_j$  respectively. While statistical science can be used to evaluate the impact of different choices of these parameters, there is not much that an appeal to statistical principles can offer in directing specific choices. Specific choices are best left to telephony experts. Still, it is possible to comment on some aspects of these choices:

- Parameter Choices for  $\lambda_j$ . The set of parameters  $\lambda_j$  index alternatives to the null hypothesis that arise because there might be greater unpredictability or variability in the delivery of service to a CLEC customer over that which would be achieved for an otherwise comparable ILEC customer. While concerns about differences in the variability of service are important, it turns out that the truncated Z testing which is being recommended here is relatively insensitive to all but very large values of the  $\lambda_j$ . Put another way, reasonable differences in the values chosen here could make very little difference in the balancing points chosen.

- Parameter Choices for  $\delta_j$ . The set of parameters  $\delta_j$  are much more important in the choice of the balancing point than was true for the  $\lambda_j$ . The reason for this is that they directly index differences in average service. The truncated Z test is very sensitive to any such differences; hence, even small disagreements among experts in the choice of the  $\delta_j$  could be very important. Sample size matters here too. For example, setting all the  $\delta_j$  to a single value –  $\delta_j = \delta$  – might be fine for tests across individual CLECs where currently in Louisiana the CLEC customer bases are not too different. Using the same value of  $\delta$  for the overall state testing does not seem sensible, however, since the state sample would be so much larger.
- Parameter Choices for  $\psi_j$  or  $\varepsilon_j$ . The set of parameters  $\psi_j$  or  $\varepsilon_j$  are also important in the choice of the balancing point for tests of their respective measures. The reason for this is that they directly index increases in the proportion or rate of service performance. The truncated Z test is sensitive to such increases; but not as sensitive as the case of  $\delta_j$  for mean measures. Sample size matters here as well. As with mean measures, using the same value of  $\psi$  or  $\varepsilon$  for the overall state testing does not seem sensible since the state sample would be so much larger.

The bottom line here is that beyond a few general considerations, like those given above, a principled approach to the choice of the alternative hypotheses to guard against, must come from elsewhere.

## **DECISION PROCESS**

Once  $Z^T$  has been calculated, it is compared to the balancing critical value to determine if the ILEC is favoring its own customers over a CLEC's customers.

This critical value changes as the ILEC and CLEC transaction volume change. One way to make this transparent to the decision maker, is to report the difference between the test statistic and the critical value,  $diff = Z^T - c_B$ . If favoritism is concluded when  $Z^T < c_B$ , then the  $diff < 0$  indicates favoritism.

This make it very easy to determine favoritism: a positive  $diff$  suggests no favoritism, and a negative  $diff$  suggests favoritism.

# EXHIBIT D



BST VSEEM REMEDY PROCEDURE

**TIER-1 CALCULATION FOR RETAIL ANALOGUES:**

1. Calculate the overall test statistic for each CLEC;  $z_{CLEC1}^T$  (See Exhibit C)
2. Calculate the balancing critical value( $C_{B_{CLEC1}}$ ) that is associated with the alternative hypothesis (for fixed parameters  $\delta$ ,  $\psi$  or  $\epsilon$ ). (See Exhibit C)
3. If the overall test statistic is equal to or above the balancing critical value, stop here. Otherwise, go to step 4.
4. Calculate the Parity Gap by subtracting the value of step 2. from that of step 1.;  
 $z_{CLEC1}^T - C_{B_{CLEC1}}$
5. Calculate the Volume Proportion using a linear distribution with slope of  $\frac{1}{4}$ . This can be accomplished by taking the absolute value of the Parity Gap from step 4. divided by 4;  
 $ABS((z_{CLEC1}^T - C_{B_{CLEC1}}) / 4)$ . All parity gaps equal or greater to 4 will result in a volume proportion of 100%.
6. Calculate the Affected Volume by multiplying the Volume Proportion from step 5. by the Total CLEC<sub>1</sub> Volume in the negatively affected cell; where the cell value is negative. (See Exhibit C)
7. Calculate the payment to ECI by multiplying the result of step 6. by the appropriate dollar amount from the fee schedule.

So, ECI payment = Affected Volume<sub>CLEC1</sub> \* \$\$ from Fee Schedule

**Example: ECI Missed Installation Appointments (MIA) for Resale POTS**

	$n_I$	$n_C$	$MIA_I$	$MIA_C$	$z_{CLEC1}^T$	$C_B$	<b>Parity Gap</b>	Volume Proportion	Affected Volume
State	50000	600	9%	16%	-1.92	-0.21	<b>1.71</b>	0.4275	
Cell					<u><math>z_{CLEC1}</math></u>				
1		150	0.091	0.112	-1.994				64
2		75	0.176	0.098	0.734				
3		10	0.128	0.333	-2.619				4
4		50	0.158	0.242	-2.878				21
5		15	0.245	0.075	1.345				
6		200	0.156	0.130	0.021				
7		30	0.166	0.233	-0.600				13
8		20	0.106	0.127	-0.065				9
9		40	0.193	0.218	-0.918				17
10		10	0.160	0.235	-0.660				4
									<hr/> 133

where  $n_I$  = ILEC observations and  $n_C$  = ECI observations

Payout for ECI is (133 units) \* (\$100/unit) = \$13,300

**TIER-2 CALCULATION for RETAIL ANALOGUES:**

1. Tier-2 is triggered by three monthly failures of any VSEEM submetric in the same quarter.
2. Calculate the overall test statistic for the CLEC Aggregate using all transactions from the calendar quarter;  $z_{CLECA}^T$
3. Calculate the balancing critical value( $C_{B_{CLEC1}}$ ) that is associated with the alternative hypothesis (for fixed parameters  $\delta$ ,  $\psi$  or  $\epsilon$ ). (See Exhibit C)
4. If the overall test statistic is equal to or above the balancing critical value for the calendar quarter, stop here. Otherwise, go to step 5.
5. Calculate the Parity Gap by subtracting the value of step 3. from that of step 2.;  
 $z_{CLECA}^T - C_{B_{CLECA}}$
6. Calculate the Volume Proportion using a linear distribution with slope of  $\frac{1}{4}$ . This can be accomplished by dividing the Parity Gap from step 5. by 4;  $ABS((z_{CLECA}^T - C_{B_{CLECA}}) / 4)$ . All parity gaps equal or greater to 4 will result in a volume proportion of 100%.
7. Calculate the Affected Volume by multiplying the Volume Proportion from step 6. by the Total  $CLECA_A$  Volume (CLEC Aggregate) in the negatively affected cell; where the cell value is negative (See Exhibit C).
8. Calculate the payment to State Designated Agency by multiplying the result of step 7. by the appropriate dollar amount from the fee schedule.

So, State Designated Agency payment = Affected Volume $_{CLECA}$  \* \$\$ from Fee Schedule

**Example: CLEC-A Missed Installation Appointments (MIA) for Resale POTS**

State Quarter1	$n_I$	$n_C$	$MIA_I$	$MIA_C$	$z_{CLECA}^T$	$C_B$	Parity Gap	Volume Proportion	Affected Volume
	180000	2100	9%	16%	-1.92	-0.21	<b>1.71</b>	0.4275	
Cell					<u><math>z_{CLECA}</math></u>				
1		500	0.091	0.112	-1.994				214
2		300	0.176	0.098	0.734				
3		80	0.128	0.333	-2.619				34
4		205	0.158	0.242	-2.878				88
5		45	0.245	0.075	1.345				
6		605	0.156	0.130	0.021				
7		80	0.166	0.233	-0.600				34
8		40	0.106	0.127	-0.065				17

9	165	0.193	0.218	-0.918
10	80	0.160	0.235	-0.660

71
34
<hr/> 492

where  $n_i$  = ILEC observations and  $n_c$  = CLEC-A observations

Payout for CLEC-A is (492 units) \* (\$300/unit) = \$147,600

### Tier-3

Tier-3 uses the monthly CLEC Aggregate results in a given State. Tier-3 is triggered when five of the twelve Tier-3 sub-metrics experience consecutive failures in a given calendar quarter. The table below displays a situation that would trigger a Tier-3 failure, and one that would not.

Process	Measures	TIER-3 FAILURE X = Miss			NOT A TIER-3 FAILURE X = Miss		
		Jan	Feb	Mar	Jan	Feb	Mar
Percent Missed Installation Appointments	Resale POTS	X	X	X	X		
	Resale Design	X			X	X	X
	UNE Loop & Port Combo		X				
	UNE Loops	X	X	X			
Percent Missed Repair Appointments	Resale POTS	X	X	X	X		X
	Resale Design		X	X		X	
	UNE Loop & Port Combo					X	X
	UNE Loops				X		
Billing	Billing Accuracy	X	X	X			
	Billing Timeliness				X	X	X
Trunk Blockage	Percent Trunk Blockage	X	X	X			
Collocation	Percent Missed Collocation Due Dates						

Tier-3 is effective immediately after quarter results, and can only be lifted when two of the five failed sub-metrics show compliance for two consecutive months in the following quarter.

All tiers standalone, such that triggering Tier-3 will not cease payout of any Tier-1 or Tier-2 failures.

TIER-1 CALCULATION FOR BENCHMARKS:

1. For each CLEC, with five or more observations, calculate monthly performance results for the State.
2. CLECs having observations (sample sizes) between 5 and 30 will use Table I below:

TABLE I SMALL SAMPLE SIZE TABLE  
(95% Confidence)

Sample Size	Equivalent 90% Benchmark	Equivalent 95% Benchmark	Sample Size	Equivalent 90% Benchmark	Equivalent 95% Benchmark
5	60.00%	80.00%	16	75.00%	87.50%
6	66.67%	83.33%	17	76.47%	82.35%
7	71.43%	85.71%	18	77.78%	83.33%
8	75.00%	75.00%	19	78.95%	84.21%
9	66.67%	77.78%	20	80.00%	85.00%
10	70.00%	80.00%	21	76.19%	85.71%
11	72.73%	81.82%	22	77.27%	86.36%
12	75.00%	83.33%	23	78.26%	86.96%
13	76.92%	84.62%	24	79.17%	87.50%
14	78.57%	85.71%	25	80.00%	88.00%
15	73.33%	86.67%	26	80.77%	88.46%
			27	81.48%	88.89%
			28	78.57%	89.29%
			29	79.31%	86.21%
			30	80.00%	86.67%

3. If the percentage (or equivalent percentage for small samples) is equal to or below the benchmark standard, stop here. Otherwise, go to step 4.
4. Determine the Volume Proportion by taking the difference between the benchmark and the actual performance result.
5. Calculate the Affected Volume by multiplying the Volume Proportion from step 4. by the Total CLEC<sub>1</sub> Volume.
6. Calculate the payment to ECI by multiplying the result of step 5. by the appropriate dollar amount from the fee schedule.

So, ECI payment = Affected Volume<sub>CLEC1</sub> \* \$\$ from Fee Schedule

**Example: ECI Missed Installation Appointments (MIA) for UNE Loops**

	$n_c$	Benchmark	$MIA_c$	Volume Proportion	Affected Volume
State	600	9%	12%	.03	18

Payout for ECI is (18 units) \* (\$400/unit) = \$7,200

**TIER-1 CALCULATION FOR BENCHMARKS (IN THE FORM OF A TARGET):**

1. For each, with five or more observations, CLEC calculate monthly performance results for the State.
2. CLECs having observations (sample sizes) between 5 and 30 will use Table I above.
3. Calculate the interval distribution based on the same data set used in step 1.
4. If the 'percent within' is equal to or exceeds the benchmark standard, stop here. Otherwise, go to step 5.
5. Determine the Volume Proportion by taking the difference between 100% and the actual performance result.
6. Calculate the Affected Volume by multiplying the Volume Proportion from step 5. by the Total  $CLEC_1$  Volume.
7. Calculate the payment to ECI by multiplying the result of step 6. by the appropriate dollar amount from the fee schedule.

So, ECI payment = Affected Volume $_{CLEC1}$  \* \$\$ from Fee Schedule

**Example: ECI Reject Timeliness**

	$n_c$	Benchmark	Reject Timeliness $_c$	Volume Proportion	Affected Volume
State	600	95% within 1 hour	93% within 1 hour	.07	42

Payout for ECI is (42 units) \* (\$100/unit) = \$4,200

**TIER-2 CALCULATIONS for BENCHMARKS:**

Tier-2 calculations for benchmark measures are the same as the Tier-1 benchmark calculations except the CLEC Aggregate data having failed for three months in a given calendar quarter is being assessed.

# EXHIBIT E

**Table-1**

**LIQUIDATED DAMAGES TABLE FOR TIER-1 MEASURES**

<b>PER AFFECTED ITEM</b>						
	Month 1	Month 2	Month3	Month4	Month 5	Month 6
Ordering	\$40	\$50	\$60	\$70	\$80	\$90
Provisioning	\$100	\$125	\$175	\$250	\$325	\$500
Provisioning UNE (Coordinated Customer Conversions)	\$400	\$450	\$500	\$550	\$650	\$800
Maintenance and Repair	\$100	\$125	\$175	\$250	\$325	\$500
Maintenance and Repair UNE	\$400	\$450	\$500	\$550	\$650	\$800
LNP	\$150	\$250	\$500	\$600	\$700	\$800
IC Trunks	\$100	\$125	\$175	\$250	\$325	\$500
Collocation	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000

**Table-2**

**VOLUNTARY PAYMENTS FOR TIER-2 MEASURES**

	<b>Per Affected Item</b>
OSS	
Pre-Ordering	\$20
Ordering	\$60
Provisioning	\$300
UNE Provisioning (Coordinated Customer Conversions)	\$875
Maintenance and Repair	\$300
UNE Maintenance and Repair	\$875
Billing	\$1.00
LNP	\$500
IC Trunks	\$500
Collocation	\$15,000

**AGREEMENT IMPLEMENTATION TEMPLATE (Residence)**  
**for**  
**ECI**  
**BellSouth Standard Interconnection Agreement**

<b>Agreement Effective Date:</b>	<b>Agreement Expiration Date:</b>
<b>Account Manager:</b>	<b>Account Manager Tel No:</b>

<b>Attachment Name/Number</b>	<b>Section Number</b>	<b>Version Date</b>	<b>Planned Activities</b>
Terms/Conditions PartA	1	2/29/00	
	2	2/29/00	
	3	2/29/00	
	4	2/29/00	
	5	2/29/00	
	6	2/29/00	
	7	2/29/00	
	8	2/29/00	
	9	2/29/00	
	10	2/29/00	
	11	2/29/00	
	12	2/29/00	
	13	2/29/00	
	14	2/29/00	
	15	2/29/00	
	16	2/29/00	
	17	2/29/00	
	18	2/29/00	
	19	2/29/00	
	20	2/29/00	
	21	2/29/00	
	22	2/29/00	
	23	2/29/00	
	24	2/29/00	
	25	2/29/00	
	26	2/29/00	
Terms/Conditions Part B		2/29/00	
1-Resale	1	2/29/00	



**AGREEMENT IMPLEMENTATION TEMPLATE (Residence)**  
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**ECI**  
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<b>Attachment Name/Number</b>	<b>Section Number</b>	<b>Version Date</b>	<b>Planned Activities</b>
	2	2/29/00	
	3	2/29/00	
	4	2/29/00	
	5	2/29/00	
	6	2/29/00	
	7	2/29/00	
	8	2/29/00	
	9	2/29/00	
	10	2/29/00	
	11	2/29/00	
	12	2/29/00	
	13	2/29/00	
	Exhibit A	2/29/00	
	Exhibit B	2/29/00	
	Exhibit C	2/29/00	
	Exhibit D	2/29/00	
	Exhibit E	2/29/00	
	Exhibit F	2/29/00	
	Exhibit G	2/29/00	
		2/29/00	
2-Network Elements & Other Services	1	2/29/00	
	2	2/29/00	
	3	2/29/00	
	4	2/29/00	
	5	2/29/00	
	6	2/29/00	
	7	2/29/00	
	8	2/29/00	
	9	2/29/00	
	10	2/29/00	

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<b>Attachment Name/Number</b>	<b>Section Number</b>	<b>Version Date</b>	<b>Planned Activities</b>
	11	2/29/00	
	12	2/29/00	
	13	2/29/00	
	14	2/29/00	
	15	2/29/00	
	16	2/29/00	
	17	2/29/00	
	Exhibit A	2/29/00	
	Exhibit B	2/29/00	
	Exhibit C	2/29/00	
3-Local Interconnection	1	2/29/00	
	2	2/29/00	
	3	2/29/00	
	4	2/29/00	
	5	2/29/00	
	6	2/29/00	
	7	2/29/00	
	8	2/29/00	
	Exhibit A	2/29/00	
	Exhibit B	2/29/00	
	Exhibit C	2/29/00	
	Exhibit D	2/29/00	
	Exhibit E	2/29/00	
4-Physical Collocation	1	2/29/00	
	2	2/29/00	
	3	2/29/00	
	4	2/29/00	
	5	2/29/00	
	6	2/29/00	
	7	2/29/00	
	8	2/29/00	

**AGREEMENT IMPLEMENTATION TEMPLATE (Residence)**  
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<b>Attachment Name/Number</b>	<b>Section Number</b>	<b>Version Date</b>	<b>Planned Activities</b>
	9	2/29/00	
	10	2/29/00	
	11	2/29/00	
	12	2/29/00	
	13	2/29/00	
	14	2/29/00	
	Exhibit A	2/29/00	
	Exhibit B	2/29/00	
5-Access to Numbers & Number Portability	1	2/29/00	
	2	2/29/00	
	3	2/29/00	
	4	2/29/00	
	5	2/29/00	
	6	2/29/00	
	7	2/29/00	
	8	2/29/00	
	Exhibit A	2/29/00	
6-Ordering/Provisioning	1	2/29/00	
	2	2/29/00	
	3	2/29/00	
7-Billing & Billing Accuracy Certification	1	2/29/00	
	2	2/29/00	
	3	2/29/00	
	4	2/29/00	
	5	2/29/00	
	6	2/29/00	
	7	2/29/00	
	Exhibit A	2/29/00	
8-ROW/Conduits/PoleAtt	1	2/29/00	

**AGREEMENT IMPLEMENTATION TEMPLATE (Residence)**  
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**ECI**  
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<b>Attachment Name/Number</b>	<b>Section Number</b>	<b>Version Date</b>	<b>Planned Activities</b>
9-Perf Measurement	Pre-Ordering	2/29/00	
	Ordering	2/29/00	
	Provisioning	2/29/00	
	Maint/Repair	2/29/00	
	Billing	2/29/00	
	Opr Svcs/DA	2/29/00	
	E911	2/29/00	
	Trunk Grp Perf	2/29/00	
	Collocation	2/29/00	
	Appendix A	2/29/00	
	Appendix B	2/29/00	
	Appendix C	2/29/00	
10-Executive Summary		2/29/00	
		2/29/00	
11-Disaster Recovery		2/29/00	
		2/29/00	

**AGREEMENT IMPLEMENTATION TEMPLATE (Business)**  
**for**  
**ECI**  
**BellSouth Standard Interconnection Agreement**

<b>Agreement Effective Date:</b>	<b>Agreement Expiration Date:</b>
<b>Account Manager:</b>	<b>Account Manager Tel No:</b>

<b>Attachment Name</b>	<b>Section No.</b>	<b>Version Date</b>	<b>Planned Activities</b>
Terms/Conditions PartA	1		
	2		
	3		
	4		
	5		
	6		
	7		
	8		
	9		
	10		
	11		
	12		
	13		
	14		
	15		
	16		
	17		
	18		
	19		
	20		
	21		
	22		
	23		
	24		
	25		
	26		
Terms/Conditions Part B			
1-Resale	1		

**AGREEMENT IMPLEMENTATION TEMPLATE (Business)**  
**for**  
**ECI**  
**BellSouth Standard Interconnection Agreement**

<b>Attachment Name</b>	<b>Section No.</b>	<b>Version Date</b>	<b>Planned Activities</b>
	2		
	3		
	4		
	5		
	6		
	7		
	8		
	9		
	10		
	11		
	12		
	13		
	Exhibit A		
	Exhibit B		
	Exhibit C		
	Exhibit D		
	Exhibit E		
	Exhibit F		
	Exhibit G		
	Exhibit H		
2-Network Elements & Other Services	1		
	2		
	3		
	4		
	5		
	6		
	7		
	8		
	9		
	10		

**AGREEMENT IMPLEMENTATION TEMPLATE (Business)**  
**for**  
**ECI**  
**BellSouth Standard Interconnection Agreement**

Attachment Name	Section No.	Version Date	Planned Activities
	11		
	12		
	13		
	14		
	15		
	16		
	17		
	Exhibit A		
	Exhibit B		
	Exhibit C		
3-Local Interconnection	1		
	2		
	3		
	4		
	5		
	6		
	7		
	8		
	Exhibit A		
4-Physical Collocation	1		
	2		
	3		
	4		
	5		
	6		
	7		
	8		
	9		
	10		
	11		
	12		

**AGREEMENT IMPLEMENTATION TEMPLATE (Business)**  
**for**  
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**BellSouth Standard Interconnection Agreement**

Attachment Name	Section No.	Version Date	Planned Activities
	13		
	14		
	Exhibit A		
	Exhibit B		
5-Access to Numbers & Number Portability	1		
	2		
	3		
	4		
	5		
	6		
	7		
	8		
	Exhibit A		
6-Ordering/Provisioning	1		
	2		
	3		
7-Billing & Billing Accuracy Certification	1		
	2		
	3		
	4		
	5		
	6		
	7		
	Exhibit A		
8-ROW/Conduits/PoleAtt	1		
9-Perf Measurement	Pre-Ordering		
	Ordering		
	Provisioning		
	Maint/Repair		



**AGREEMENT IMPLEMENTATION TEMPLATE (Business)**  
**for**  
**ECI**  
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<b>Attachment Name</b>	<b>Section No.</b>	<b>Version Date</b>	<b>Planned Activities</b>
	Billing		
	Opr Svcs/DA		
	E911		
	Trunk Grp Perf		
	Collocation		
	Appendix A		
	Appendix B		
	Appendix C		

**Attachment 11**  
**BellSouth Disaster Recovery Plan**

Version 1Q00:05/30/00

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Interconnection Agreement.

Dated Month, day, year, Between CLEC and BellSouth

***2000  
BELLSOUTH  
DISASTER RECOVERY PLANNING  
For  
CLECS***

Version 1Q00:05/30/00

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Interconnection Agreement.

Dated Month, day, year, Between CLEC and BellSouth

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## 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.

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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

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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 BELL SOUTH OUTAGE**

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

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

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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.)

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- 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 BELL SOUTH EQUIPMENT)**

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

#### **6.0 T1 IDENTIFICATION PROCEDURES**

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

## 7.0 ACRONYMS

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

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### **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](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.

<b>UNBUNDLED COIN PORT/LOOP COMBINATION RATE MATRIX</b>									
<b>1. UNE COIN PORT/LOOP COMBINATION:</b>	<b>USOC</b>	<b>AL</b>	<b>FL</b>	<b>GA (Note 7)</b>	<b>KY</b>	<b>LA</b>	<b>MS</b>	<b>SC</b>	
<b>1.1 RECURRING CHARGES (RCs)</b>									
<b>1.1.1 UNE COIN PORTS (Note 1) (Note 2)</b>									
2-WIRE COIN 2-WAY WITHOUT OPERATOR SCREENING AND WITHOUT BLOCKING (AL, KY, LA, MS)	<b>UEPRF</b>	\$2.53	NA	NA	\$2.91	\$2.74	\$2.47	NA	
2-WIRE COIN 2-WAY WITHOUT OPERATOR SCREENING AND WITHOUT BLOCKING (SC)	<b>UEPSD</b>	NA	NA	NA	NA	NA	NA	\$4.04	
2-WIRE COIN 2-WAY WITHOUT OPERATOR SCREENING AND WITHOUT BLOCKING; WITH DIALING PARITY (Note 3) (MS)	<b>UEPMC</b>	NA	NA	NA	NA	NA	\$2.47	NA	
2-WIRE COIN 2-WAY WITH OPERATOR SCREENING (AL, KY)	<b>UEPRE</b>	\$2.53	NA	NA	\$2.91	NA	NA	NA	
2-WIRE COIN 2-WAY WITH OPERATOR SCREENING (GA)	<b>UEPGC</b>	NA	NA	\$1.89	NA	NA	NA	NA	
2-WIRE COIN 2-WAY WITH OPERATOR SCREENING AND BLOCKING: 011, 900/976, 1+DDD (AL, KY, LA, MS, SC)	<b>UEPRA</b>	\$2.53	NA	NA	\$2.91	\$2.74	\$2.47	\$4.04	
2-WIRE COIN 2-WAY WITH OPERATOR SCREENING AND BLOCKING: 011, 900/976, 1+DDD (FL)	<b>UEP2F</b>	NA	\$1.48	NA	NA	NA	NA	NA	
2-WIRE COIN 2-WAY WITH OPERATOR SCREENING AND BLOCKING: 011, 900/976, 1+DDD (GA)	<b>UEP2G</b>	NA	NA	\$1.89	NA	NA	NA	NA	
2-WIRE COIN 2-WAY WITH OPERATOR SCREENING AND BLOCKING: 011, 900/976, 1+DDD; WITH DIALING PARITY (MS)	<b>UEPMA</b>	NA	NA	NA	NA	NA	\$2.47	NA	
2-WIRE COIN 2-WAY WITH OPERATOR SCREENING AND 011 BLOCKING (AL, LA, MS)	<b>UEPRB</b>	\$2.53	NA	NA	NA	\$2.74	\$2.47	NA	
2-WIRE COIN 2-WAY WITH OPERATOR SCREENING AND 011 BLOCKING (FL)	<b>UEPFA</b>	NA	\$1.48	NA	NA	NA	NA	NA	
2-WIRE COIN 2-WAY WITH OPERATOR SCREENING AND 011 BLOCKING (GA)	<b>UEPGA</b>	NA	NA	\$1.89	NA	NA	NA	NA	
2-WIRE COIN 2-WAY WITH OPERATOR SCREENING AND 011 BLOCKING (KY)	<b>UEPKA</b>	NA	NA	NA	\$2.91	NA	NA	NA	
2-WIRE COIN 2-WAY WITH OPERATOR SCREENING	<b>UEPSH</b>	NA	NA	NA	NA	NA	NA	\$4.04	

<b>UNBUNDLED COIN PORT/LOOP COMBINATION RATE MATRIX</b>								
AND 011 BLOCKING (SC)								
2-WIRE COIN 2-WAY WITH OPERATOR SCREENING AND 011 BLOCKING; WITH DIALING PARITY (MS)	<b>UEPMB</b>	NA	NA	NA	NA	NA	\$2.47	NA
2-WIRE COIN 2-WAY WITH OPERATOR SCREENING AND BLOCKING: 011, 900/976, 1+DDD (SC)	<b>UEPSA</b>	NA	NA	NA	NA	NA	NA	\$4.04
2-WIRE COIN 2-WAY WITH OPERATOR SCREENING AND 011 BLOCKING; WITH DIALING PARITY (SC)	<b>UEPSC</b>	NA	NA	NA	NA	NA	NA	\$4.04
2-WIRE COIN 2-WAY WITH OPERATOR SCREENING AND 900/976 BLOCKING (GA)	<b>UEPGB</b>	NA	NA	\$1.89	NA	NA	NA	NA
2-WIRE COIN 2-WAY WITH OPERATOR SCREENING AND BLOCKING: 900/976, 1+DDD, 011+, AND LOCAL (AL, KY, LA, MS)	<b>UEPCD</b>	\$2.53	NA	NA	\$2.91	\$2.74	\$2.47	NA
2-WIRE COIN 2-WAY WITH OPERATOR SCREENING AND BLOCKING: 900/976, 1+DDD, 011+, AND LOCAL (FL)	<b>UEPCG</b>	NA	\$1.48	NA	NA	NA	NA	NA
2-WIRE COIN 2-WAY WITH OPERATOR SCREENING AND BLOCKING: 900/976, 1+DDD, 011+, AND LOCAL (GA)	<b>UEPCH</b>	NA	NA	\$1.89	NA	NA	NA	NA
2-WIRE COIN 2-WAY WITH OPERATOR SCREENING AND BLOCKING: 900/976, 1+DDD, 011+, AND LOCAL (SC)	<b>UEPCC</b>	NA	NA	NA	NA	NA	NA	\$4.04
2-WIRE COIN 2-WAY WITH OPERATOR SCREENING AND BLOCKING: 900/976, 1+DDD, 011+, AND LOCAL; ENHANCED CALLING OPT 3YV (SC)	<b>UEPCE</b>	NA	NA	NA	NA	NA	NA	\$4.04
2-WIRE COIN 2-WAY WITH OPERATOR SCREENING AND BLOCKING: 900/976, 1+DDD, 011+, AND LOCAL; ENHANCED CALLING OPT AP7 (SC)	<b>UEPCF</b>	NA	NA	NA	NA	NA	NA	\$4.04
2-WIRE COIN 2-WAY WITH OPERATOR SCREENING AND BLOCKING: 900/976, 1+DDD, 011+, AND LOCAL; WITH DIALING PARITY (MS)	<b>UEPCJ</b>	NA	NA	NA	NA	NA	\$2.47	NA
2-WIRE COIN OUTWARD WITHOUT BLOCKING AND WITHOUT OPERATOR SCREENING (KY, LA, MS)	<b>UEPRN</b>	NA	NA	NA	\$2.91	\$2.74	\$2.47	NA
2-WIRE COIN OUTWARD WITHOUT BLOCKING AND WITHOUT OPERATOR SCREENING (SC)	<b>UEPSG</b>	NA	NA	NA	NA	NA	NA	\$4.04
2-WIRE COIN OUTWARD WITHOUT BLOCKING AND WITHOUT OPERATOR SCREENING; WITH DIALING PARITY (MS)	<b>UEPME</b>	NA	NA	NA	NA	NA	\$2.47	NA

<b>UNBUNDLED COIN PORT/LOOP COMBINATION RATE MATRIX</b>								
2-WIRE COIN OUTWARD WITH OPERATOR SCREENING AND 011 BLOCKING (GA, KY, MS)	<b>UEPRJ</b>	NA	NA	\$1.89	\$2.91	NA	\$2.47	NA
2-WIRE COIN OUTWARD WITH OPERATOR SCREENING AND 011 BLOCKING (LA)	<b>UEPLA</b>	NA	NA	NA	NA	\$2.74	NA	NA
2-WIRE COIN OUTWARD WITH OPERATOR SCREENING AND 011 BLOCKING (SC)	<b>UEPSF</b>	NA	NA	NA	NA	NA	NA	\$4.04
2-WIRE COIN OUTWARD WITH OPERATOR SCREENING AND 011 BLOCKING (AL, FL)	<b>UEPRK</b>	\$2.53	\$1.48	NA	NA	NA	NA	NA
2-WIRE COIN OUTWARD WITH OPERATOR SCREENING AND BLOCKING: 900/976, 1+DDD, 011+ (FL)	<b>UEPOF</b>	NA	\$1.48	NA	NA	NA	NA	NA
2-WIRE COIN OUTWARD WITH OPERATOR SCREENING AND 011 BLOCKING; WITH DIALING PARITY (MS)	<b>UEPMD</b>	NA	NA	NA	NA	NA	\$2.47	NA
2-WIRE COIN OUTWARD WITH OPERATOR SCREENING AND BLOCKING: 011, 900/976, 1+DDD (AL, KY, LA, MS)	<b>UEPRH</b>	\$2.53	NA	NA	\$2.91	\$2.74	\$2.47	NA
2-WIRE COIN OUTWARD WITH OPERATOR SCREENING AND BLOCKING: 011, 900/976, 1+DDD (SC)	<b>UEPSJ</b>	NA	NA	NA	NA	NA	NA	\$4.04
2-WIRE COIN OUTWARD WITH OPERATOR SCREENING AND BLOCKING: 900/976, 1+DDD, 011+, AND LOCAL (AL, KY, LA, MS)	<b>UEPCN</b>	\$2.53	NA	NA	\$2.91	\$2.74	\$2.47	NA
2-WIRE COIN OUTWARD WITH OPERATOR SCREENING AND BLOCKING: 900/976, 1+DDD, 011+, AND LOCAL (FL, GA)	<b>UEPCQ</b>	NA	\$1.48	\$1.89	NA	NA	NA	NA
2-WIRE COIN OUTWARD WITH OPERATOR SCREENING AND BLOCKING: 900/976, 1+DDD, 011+, AND LOCAL (SC)	<b>UEPCM</b>	\$2.53	NA	NA	NA	NA	NA	\$4.04
2-WIRE COIN OUTWARD WITH OPERATOR SCREENING AND BLOCKING: 900/976, 1+DDD, 011+, AND LOCAL; WITH ENHANCED CALLING OPT 3YW (SC)	<b>UEPCP</b>	NA	NA	NA	NA	NA	NA	\$4.04
2-WIRE COIN OUTWARD WITH OPERATOR SCREENING AND BLOCKING: 900/976, 1+DDD, 011+, AND LOCAL; WITH DAILING PARITY (MS)	<b>UEPCS</b>	NA	NA	NA	NA	NA	\$2.47	NA

<b>UNBUNDLED COIN PORT/LOOP COMBINATION RATE MATRIX</b>								
<b>1.1.2 UNE 2-WIRE VOICE GRADE LOOPS (RCs)</b>								
RC – 2-WIRE VOICE GRADE LOOP – ZONE 1 (Note 6)	<b>UEPLX</b>	\$14.35	\$14.90	\$10.80	\$14.79	\$14.05	\$14.59	\$17.02
RC – 2-WIRE VOICE GRADE LOOP – ZONE 2 (Note 6)	<b>UEPLX</b>	\$23.31	\$18.51	\$12.47	\$27.68	\$24.14	\$19.33	\$25.66
RC – 2-WIRE VOICE GRADE LOOP – ZONE 3 (Note 6)	<b>UEPLX</b>	\$42.24	\$24.25	\$19.83	\$47.78	\$49.30	\$27.63	\$33.99
RC – 2-WIRE VOICE GRADE LOOP – ZONE 4 (Note 6)	<b>UEPLX</b>	NA	NA	NA	NA	NA	\$36.47	NA
<b>1.1.3 UNE COIN PORT/LOOP COMBINATION (RCs)</b>								
RC – 2-WIRE VOICE GRADE LOOP WITH APPLICABLE UNE COIN PORT – ZONE 1	<b>Note 4</b>	\$16.88	\$16.38	\$12.69	\$17.70	\$16.79	\$17.06	\$21.06
RC – 2-WIRE VOICE GRADE LOOP WITH APPLICABLE UNE COIN PORT – ZONE 2	<b>Note 4</b>	\$25.84	\$19.99	\$14.36	\$30.59	\$26.88	\$21.80	\$29.70
RC – 2-WIRE VOICE GRADE LOOP WITH APPLICABLE UNE COIN PORT – ZONE 3	<b>Note 4</b>	\$44.77	\$25.73	\$21.72	\$50.69	\$52.04	\$30.10	\$38.03
RC – 2-WIRE VOICE GRADE LOOP WITH APPLICABLE UNE COIN PORT – ZONE 4	<b>Note 4</b>	NA	NA	NA	NA	NA	\$38.94	NA
<b>1.1.4 ADDITIONAL UNE COIN PORT/LOOP (RCs)</b>								
UNE COIN PORT/LOOP COMBO USAGE (FLAT RATE)	<b>URECU</b>	\$1.56	\$1.86	\$3.59	\$2.57	\$1.81	\$4.62	\$4.05
<b>1.2 NONRECURRING CHARGES (NRC)</b>								
<b>1.2.1 CURRENTLY COMBINED UNE COIN PORT/LOOP COMBO (NRCs) (Note 8)</b>								
CONVERSION CHARGE – SWITCH AS IS – 1 <sup>ST</sup>	<b>USAC2</b>	\$2.80	\$0.1964	\$2.01	\$10.00	\$3.80	\$5.20	\$1.59
CONVERSION CHARGE – SWITCH AS IS – ADD'L	<b>USAC2</b>	\$0.41	\$0.1964	\$0.31	\$10.00	\$0.29	\$0.41	\$0.40
CONVERSION CHARGE – SWITCH WITH CHANGE – 1 <sup>ST</sup>	<b>USACC</b>	\$2.80	\$0.1964	\$2.01	\$10.00	\$3.80	\$5.20	\$1.59
CONVERSION CHARGE – SWITCH WITH CHANGE – ADD'L	<b>USACC</b>	\$0.41	\$0.1964	\$0.31	\$10.00	\$0.29	\$0.41	\$0.40



<b>UNBUNDLED COIN PORT/LOOP COMBINATION RATE MATRIX</b>								
<b>1.2.1.1 ADDITIONAL NRCs (Note 9)</b>								
SUBSEQUENT ACTIVITY (Note 5)	<b>USAS2</b>	\$10.00	\$10.00	\$10.00	\$10.00	\$10.00	\$10.00	\$10.00
<b>1.2.1.2 OSS NRCs (Note 9)</b>								
OSS LSR CHARGE, ELECTRONIC, PER LSR RECEIVED FROM THE CLEC BY ONE OF THE OSS INTERACTIVE INTERFACES	<b>SOMEK</b>	\$3.50	\$2.75	\$3.50	\$3.50	\$3.50	\$3.50	\$3.50
INCREMENTAL MANUAL SERVICE ORDER CHARGE – 1 <sup>ST</sup>	<b>SOMAN</b>	\$40.71	\$21.56	\$33.67	\$19.99	\$31.92	\$43.52	\$43.19
INCREMENTAL MANUAL SERVICE ORDER CHARGE – ADD'L	<b>SOMAN</b>	\$9.58	\$21.56	\$7.88	\$19.99	\$7.32	\$9.99	\$9.91
SUBSEQUENT DATABASE UPDATE - ELECTRONIC		\$1.44	NA	NA	NA	\$2.11	\$2.87	\$0.71
SUBSEQUENT DATABASE UPDATE – MANUAL SERVICE ORDER		\$8.25	NA	NA	NA	\$5.12	\$6.88	\$8.91
ELECTRONIC SERVICE ORDER DISCONNECT	<b>SOMEK</b>	NA	\$0.42	NA	NA	NA	NA	NA
INCREMENTAL MANUAL SERVICE ORDER DISCONNECT	<b>SOMAN</b>	\$20.00	\$3.84	\$20.00	\$20.00	\$20.00	\$20.00	\$20.00
<b>1.2.2 NOT CURRENTLY COMBINED (NRCs) (APPLICABLE IN GA AS SPECIFIED IN Note 8)</b>								
2-WIRE COIN 2-WAY WITH OPERATOR SCREENING (GA) – 1 <sup>ST</sup>	<b>UEPGC</b>	NA	NA	\$22.14	NA	NA	NA	NA
2-WIRE COIN 2-WAY WITH OPERATOR SCREENING (GA) – ADD'L	<b>UEPGC</b>	NA	NA	\$15.25	NA	NA	NA	NA
2-WIRE COIN 2-WAY WITH OPERATOR SCREENING AND BLOCKING: 011, 900/976, 1+DDD (GA) – 1 <sup>ST</sup>	<b>UEP2G</b>	NA	NA	\$22.14	NA	NA	NA	NA
2-WIRE COIN 2-WAY WITH OPERATOR SCREENING AND BLOCKING: 011, 900/976, 1+DDD (GA) – ADD'L	<b>UEP2G</b>	NA	NA	\$15.25	NA	NA	NA	NA
2-WIRE COIN 2-WAY WITH OPERATOR SCREENING AND 011 BLOCKING (GA) – 1 <sup>ST</sup>	<b>UEPGA</b>	NA	NA	\$22.14	NA	NA	NA	NA
2-WIRE COIN 2-WAY WITH OPERATOR SCREENING AND 011 BLOCKING (GA) – ADD'L	<b>UEPGA</b>	NA	NA	\$15.25	NA	NA	NA	NA
2-WIRE COIN 2-WAY WITH OPERATOR SCREENING AND 900/976 BLOCKING (GA) – 1 <sup>ST</sup>	<b>UEPGB</b>	NA	NA	\$22.14	NA	NA	NA	NA

<b>UNBUNDLED COIN PORT/LOOP COMBINATION RATE MATRIX</b>								
2-WIRE COIN 2-WAY WITH OPERATOR SCREENING AND 900/976 BLOCKING (GA) – ADD'L	<b>UEPGB</b>	NA	NA	\$15.25	NA	NA	NA	NA
2-WIRE COIN 2-WAY WITH OPERATOR SCREENING AND BLOCKING: 900/976, 1+DDD, 011+, AND LOCAL (GA) – 1 <sup>ST</sup>	<b>UEPCH</b>	NA	NA	\$22.14	NA	NA	NA	NA
2-WIRE COIN 2-WAY WITH OPERATOR SCREENING AND BLOCKING: 900/976, 1+DDD, 011+, AND LOCAL (GA) – ADD'L	<b>UEPCH</b>	NA	NA	\$15.25	NA	NA	NA	NA
2-WIRE COIN OUTWARD WITH OPERATOR SCREENING AND 011 BLOCKING (GA, KY, MS) – 1 <sup>ST</sup>	<b>UEPRJ</b>	NA	NA	\$22.14	NA	NA	NA	NA
2-WIRE COIN OUTWARD WITH OPERATOR SCREENING AND 011 BLOCKING (GA, KY, MS) – ADD'L	<b>UEPRJ</b>	NA	NA	\$15.25	NA	NA	NA	NA
2-WIRE COIN OUTWARD WITH OPERATOR SCREENING AND BLOCKING: 900/976, 1+DDD, 011+, AND LOCAL (GA) – 1 <sup>ST</sup>	<b>UEPCQ</b>	NA	NA	\$22.14	NA	NA	NA	NA
2-WIRE COIN OUTWARD WITH OPERATOR SCREENING AND BLOCKING: 900/976, 1+DDD, 011+, AND LOCAL (GA) – ADD'L	<b>UEPCQ</b>	NA	NA	\$15.25	NA	NA	NA	NA
<b>1.2.2.1 DISCONNECT NRCs (APPLICABLE IN GA AS SPECIFIED IN Note 8)</b>								
2-WIRE COIN 2-WAY WITH OPERATOR SCREENING (GA) – 1 <sup>ST</sup>	<b>UEPGC</b>	NA	NA	\$8.45	NA	NA	NA	NA
2-WIRE COIN 2-WAY WITH OPERATOR SCREENING (GA) – ADD'L	<b>UEPGC</b>	NA	NA	\$3.91	NA	NA	NA	NA
2-WIRE COIN 2-WAY WITH OPERATOR SCREENING AND BLOCKING: 011, 900/976, 1+DDD (GA) – 1 <sup>ST</sup>	<b>UEP2G</b>	NA	NA	\$8.45	NA	NA	NA	NA
2-WIRE COIN 2-WAY WITH OPERATOR SCREENING AND BLOCKING: 011, 900/976, 1+DDD (GA) – ADD'L	<b>UEP2G</b>	NA	NA	\$3.91	NA	NA	NA	NA
2-WIRE COIN 2-WAY WITH OPERATOR SCREENING AND 011 BLOCKING (GA) – 1 <sup>ST</sup>	<b>UEPGA</b>	NA	NA	\$8.45	NA	NA	NA	NA
2-WIRE COIN 2-WAY WITH OPERATOR SCREENING AND 011 BLOCKING (GA) – ADD'L	<b>UEPGA</b>	NA	NA	\$3.91	NA	NA	NA	NA
2-WIRE COIN 2-WAY WITH OPERATOR SCREENING AND 900/976 BLOCKING (GA) – 1 <sup>ST</sup>	<b>UEPGB</b>	NA	NA	\$8.45	NA	NA	NA	NA
2-WIRE COIN 2-WAY WITH OPERATOR SCREENING	<b>UEPGB</b>	NA	NA	\$3.91	NA	NA	NA	NA

<b>UNBUNDLED COIN PORT/LOOP COMBINATION RATE MATRIX</b>								
AND 900/976 BLOCKING (GA) – ADD'L								
2-WIRE COIN 2-WAY WITH OPERATOR SCREENING AND BLOCKING: 900/976, 1+DDD, 011+, AND LOCAL (GA) – 1 <sup>ST</sup>	<b>UEPCH</b>	NA	NA	\$8.45	NA	NA	NA	NA
2-WIRE COIN 2-WAY WITH OPERATOR SCREENING AND BLOCKING: 900/976, 1+DDD, 011+, AND LOCAL (GA) – ADD'L	<b>UEPCH</b>	NA	NA	\$3.91	NA	NA	NA	NA
2-WIRE COIN OUTWARD WITH OPERATOR SCREENING AND 011 BLOCKING (GA, KY, MS) – 1 <sup>ST</sup>	<b>UEPRJ</b>	NA	NA	\$8.45	NA	NA	NA	NA
2-WIRE COIN OUTWARD WITH OPERATOR SCREENING AND 011 BLOCKING (GA, KY, MS) – ADD'L	<b>UEPRJ</b>	NA	NA	\$3.91	NA	NA	NA	NA
2-WIRE COIN OUTWARD WITH OPERATOR SCREENING AND BLOCKING: 900/976, 1+DDD, 011+, AND LOCAL (GA) – 1 <sup>ST</sup>	<b>UEPCQ</b>	NA	NA	\$8.45	NA	NA	NA	NA
2-WIRE COIN OUTWARD WITH OPERATOR SCREENING AND BLOCKING: 900/976, 1+DDD, 011+, AND LOCAL (GA) – ADD'L	<b>UEPCQ</b>	NA	NA	\$3.91	NA	NA	NA	NA
<b>1.2.2.2 ADDITIONAL NRCs (APPLICABLE IN GA AS SPECIFIED IN Note 8)</b>								
SUBSEQUENT ACTIVITY (Note 5)	<b>USAS2</b>	NA	NA	\$10.00	NA	NA	NA	NA
<b>1.2.2.3 OSS NRCs (APPLICABLE IN GA AS SPECIFIED IN Note 8) (Note 9)</b>								
OSS LSR CHARGE, ELECTRONIC, PER LSR RECEIVED FROM THE CLEC BY ONE OF THE OSS INTERACTIVE INTERFACES	<b>SOMECH</b>	NA	NA	\$3.50	NA	NA	NA	NA
INCREMENTAL MANUAL SERVICE ORDER CHARGE – 1 <sup>ST</sup>	<b>SOMAN</b>	NA	NA	\$37.06	NA	NA	NA	NA
INCREMENTAL MANUAL SERVICE ORDER CHARGE – ADD'L	<b>SOMAN</b>	NA	NA	\$8.19	NA	NA	NA	NA
ELECTRONIC SERVICE ORDER DISCONNECT	<b>SOMECH</b>	NA	NA	NA	NA	NA	NA	NA
INCREMENTAL MANUAL SERVICE ORDER DISCONNECT	<b>SOMAN</b>	NA	NA	\$11.17	NA	NA	NA	NA

<b>UNBUNDLED COIN PORT/LOOP COMBINATION RATE MATRIX</b>								
<b>2. UNE COIN PORT/LOOP COMBINATION: 2.1 RECURRING CHARGES (RCs) 2.1.1 UNE COIN PORTS (Note 10) (Note 11) (Note 12)</b>	<b>USOC</b>	<b>AL</b>	<b>FL Orlando, Ft. Lauderdale , Miami</b>	<b>GA Atlanta</b>	<b>KY</b>	<b>LA New Orleans</b>	<b>MS</b>	<b>SC</b>
2-WIRE COIN 2-WAY WITHOUT OPERATOR SCREENING AND WITHOUT BLOCKING (AL, KY, LA, MS)	<b>UEPRF</b>	\$21.00	NA	NA	\$14.00	\$17.50	\$24.15	NA
2-WIRE COIN 2-WAY WITHOUT OPERATOR SCREENING AND WITHOUT BLOCKING (SC)	<b>UEPSD</b>	NA	NA	NA	NA	NA	NA	\$14.00
2-WIRE COIN 2-WAY WITHOUT OPERATOR SCREENING AND WITHOUT BLOCKING; WITH DIALING PARITY (MS)	<b>UEPMC</b>	NA	NA	NA	NA	NA	\$24.15	NA
2-WIRE COIN 2-WAY WITH OPERATOR SCREENING (AL, KY)	<b>UEPRE</b>	\$21.00	NA	NA	\$14.00	NA	NA	NA
2-WIRE COIN 2-WAY WITH OPERATOR SCREENING (GA)	<b>UEPGC</b>	NA	NA	\$17.15	NA	NA	NA	NA
2-WIRE COIN 2-WAY WITH OPERATOR SCREENING AND BLOCKING: 011, 900/976, 1+DDD (AL, KY, LA, MS, SC)	<b>UEPRA</b>	\$21.00	NA	NA	\$14.00	\$17.50	\$24.15	\$14.00
2-WIRE COIN 2-WAY WITH OPERATOR SCREENING AND BLOCKING: 011, 900/976, 1+DDD (FL)	<b>UEP2F</b>	NA	\$14.00	NA	NA	NA	NA	NA
2-WIRE COIN 2-WAY WITH OPERATOR SCREENING AND BLOCKING: 011, 900/976, 1+DDD (GA)	<b>UEP2G</b>	NA	NA	\$17.15	NA	NA	NA	NA
2-WIRE COIN 2-WAY WITH OPERATOR SCREENING AND BLOCKING: 011, 900/976, 1+DDD; WITH DIALING PARITY (MS)	<b>UEPMA</b>	NA	NA	NA	NA	NA	\$24.15	NA
2-WIRE COIN 2-WAY WITH OPERATOR SCREENING AND 011 BLOCKING (AL, LA, MS)	<b>UEPRB</b>	\$21.00	NA	NA	NA	\$17.50	\$24.15	NA
2-WIRE COIN 2-WAY WITH OPERATOR SCREENING AND 011 BLOCKING (FL)	<b>UEPFA</b>	NA	\$14.00	NA	NA	NA	NA	NA
2-WIRE COIN 2-WAY WITH OPERATOR SCREENING AND 011 BLOCKING (GA)	<b>UEPGA</b>	NA	NA	\$17.15	NA	NA	NA	NA
2-WIRE COIN 2-WAY WITH OPERATOR SCREENING AND 011 BLOCKING (KY)	<b>UEPKA</b>	NA	NA	NA	\$14.00	NA	NA	NA
2-WIRE COIN 2-WAY WITH OPERATOR SCREENING	<b>UEPSH</b>	NA	NA	NA	NA	NA	NA	\$14.00

<b>UNBUNDLED COIN PORT/LOOP COMBINATION RATE MATRIX</b>								
AND 011 BLOCKING (SC)								
2-WIRE COIN 2-WAY WITH OPERATOR SCREENING AND 011 BLOCKING; WITH DIALING PARITY (MS)	<b>UEPMB</b>	NA	NA	NA	NA	NA	\$24.15	NA
2-WIRE COIN 2-WAY WITH OPERATOR SCREENING AND BLOCKING: 011, 900/976, 1+DDD (SC)	<b>UEPSA</b>	NA	NA	NA	NA	NA	NA	\$14.00
2-WIRE COIN 2-WAY WITH OPERATOR SCREENING AND 011 BLOCKING; WITH DIALING PARITY (SC)	<b>UEPSC</b>	NA	NA	NA	NA	NA	NA	\$14.00
2-WIRE COIN 2-WAY WITH OPERATOR SCREENING AND 900/976 BLOCKING (GA)	<b>UEPGB</b>	NA	NA	\$17.15	NA	NA	NA	NA
2-WIRE COIN 2-WAY WITH OPERATOR SCREENING AND BLOCKING: 900/976, 1+DDD, 011+, AND LOCAL (AL, KY, LA, MS)	<b>UEPCD</b>	\$21.00	NA	NA	\$14.00	\$17.50	\$24.15	NA
2-WIRE COIN 2-WAY WITH OPERATOR SCREENING AND BLOCKING: 900/976, 1+DDD, 011+, AND LOCAL (FL)	<b>UEPCG</b>	NA	\$14.00	NA	NA	NA	NA	NA
2-WIRE COIN 2-WAY WITH OPERATOR SCREENING AND BLOCKING: 900/976, 1+DDD, 011+, AND LOCAL (GA)	<b>UEPCH</b>	NA	NA	\$17.15	NA	NA	NA	NA
2-WIRE COIN 2-WAY WITH OPERATOR SCREENING AND BLOCKING: 900/976, 1+DDD, 011+, AND LOCAL (SC)	<b>UEPCC</b>	NA	NA	NA	NA	NA	NA	\$14.00
2-WIRE COIN 2-WAY WITH OPERATOR SCREENING AND BLOCKING: 900/976, 1+DDD, 011+, AND LOCAL; ENHANCED CALLING OPT 3YV (SC)	<b>UEPCE</b>	NA	NA	NA	NA	NA	NA	\$14.00
2-WIRE COIN 2-WAY WITH OPERATOR SCREENING AND BLOCKING: 900/976, 1+DDD, 011+, AND LOCAL; ENHANCED CALLING OPT AP7 (SC)	<b>UEPCF</b>	NA	NA	NA	NA	NA	NA	\$14.00
2-WIRE COIN 2-WAY WITH OPERATOR SCREENING AND BLOCKING: 900/976, 1+DDD, 011+, AND LOCAL; WITH DIALING PARITY (MS)	<b>UEPCJ</b>	NA	NA	NA	NA	NA	\$24.15	NA
2-WIRE COIN OUTWARD WITHOUT BLOCKING AND WITHOUT OPERATOR SCREENING (KY, LA, MS)	<b>UEPRN</b>	NA	NA	NA	\$14.00	\$17.50	\$24.15	NA
2-WIRE COIN OUTWARD WITHOUT BLOCKING AND WITHOUT OPERATOR SCREENING (SC)	<b>UEPSG</b>	NA	NA	NA	NA	NA	NA	\$14.00
2-WIRE COIN OUTWARD WITHOUT BLOCKING AND WITHOUT OPERATOR SCREENING; WITH DIALING PARITY (MS)	<b>UEPME</b>	NA	NA	NA	NA	NA	\$24.15	NA

<b>UNBUNDLED COIN PORT/LOOP COMBINATION RATE MATRIX</b>								
2-WIRE COIN OUTWARD WITH OPERATOR SCREENING AND 011 BLOCKING (GA, KY, MS)	<b>UEPRJ</b>	NA	NA	\$17.15	\$14.00	NA	\$24.15	NA
2-WIRE COIN OUTWARD WITH OPERATOR SCREENING AND 011 BLOCKING (LA)	<b>UEPLA</b>	NA	NA	NA	NA	\$17.50	NA	NA
2-WIRE COIN OUTWARD WITH OPERATOR SCREENING AND 011 BLOCKING (SC)	<b>UEPSF</b>	NA	NA	NA	NA	NA	NA	\$14.00
2-WIRE COIN OUTWARD WITH OPERATOR SCREENING AND 011 BLOCKING (AL, FL)	<b>UEPRK</b>	\$21.00	\$14.00	NA	NA	NA	NA	NA
2-WIRE COIN OUTWARD WITH OPERATOR SCREENING AND BLOCKING: 900/976, 1+DDD, 011+ (FL)	<b>UEPOF</b>	NA	\$14.00	NA	NA	NA	NA	NA
2-WIRE COIN OUTWARD WITH OPERATOR SCREENING AND 011 BLOCKING; WITH DIALING PARITY (MS)	<b>UEPMD</b>	NA	NA	NA	NA	NA	\$24.15	NA
2-WIRE COIN OUTWARD WITH OPERATOR SCREENING AND BLOCKING: 011, 900/976, 1+DDD (AL, KY, LA, MS)	<b>UEPRH</b>	\$21.00	NA	NA	\$14.00	\$17.50	\$24.15	NA
2-WIRE COIN OUTWARD WITH OPERATOR SCREENING AND BLOCKING: 011, 900/976, 1+DDD (SC)	<b>UEPSJ</b>	NA	NA	NA	NA	NA	NA	\$14.00
2-WIRE COIN OUTWARD WITH OPERATOR SCREENING AND BLOCKING: 900/976, 1+DDD, 011+, AND LOCAL (AL, KY, LA, MS)	<b>UEPCN</b>	\$21.00	NA	NA	\$14.00	NA	\$24.15	NA
2-WIRE COIN OUTWARD WITH OPERATOR SCREENING AND BLOCKING: 900/976, 1+DDD, 011+, AND LOCAL (FL, GA)	<b>UEPCQ</b>	NA	\$14.00	\$17.15	NA	NA	NA	NA
2-WIRE COIN OUTWARD WITH OPERATOR SCREENING AND BLOCKING: 900/976, 1+DDD, 011+, AND LOCAL (SC)	<b>UEPCM</b>	NA	NA	NA	NA	NA	NA	\$14.00
2-WIRE COIN OUTWARD WITH OPERATOR SCREENING AND BLOCKING: 900/976, 1+DDD, 011+, AND LOCAL; WITH ENHANCED CALLING OPT 3YW (SC)	<b>UEPCP</b>	NA	NA	NA	NA	NA	NA	\$14.00
2-WIRE COIN OUTWARD WITH OPERATOR SCREENING AND BLOCKING: 900/976, 1+DDD, 011+, AND LOCAL; WITH DAILING PARITY (MS)	<b>UEPCS</b>	NA	NA	NA	NA	NA	\$24.15	NA

<b>UNBUNDLED COIN PORT/LOOP COMBINATION RATE MATRIX</b>								
<b>2.1.2 UNE 2-WIRE VOICE GRADE LOOPS (RCs)</b>								
RC – 2-WIRE VOICE GRADE LOOP – ZONE 1 (Note 6)	<b>UEPLX</b>	\$14.35	\$14.90	\$10.80	\$14.79	\$14.05	\$14.59	\$17.02
RC – 2-WIRE VOICE GRADE LOOP – ZONE 2 (Note 6)	<b>UEPLX</b>	\$23.31	\$18.51	\$12.47	\$27.68	\$24.14	\$19.33	\$25.66
RC – 2-WIRE VOICE GRADE LOOP – ZONE 3 (Note 6)	<b>UEPLX</b>	\$42.24	\$24.25	\$19.83	\$47.78	\$49.30	\$27.63	\$33.99
RC – 2-WIRE VOICE GRADE LOOP – ZONE 4 (Note 6)	<b>UEPLX</b>	NA	NA	NA	NA	NA	\$36.47	NA
<b>2.1.3 UNE COIN PORT/LOOP COMBINATION (RCs)</b>								
RC – 2-WIRE VOICE GRADE LOOP WITH APPLICABLE UNE COIN PORT – ZONE 1	<b>Note 4</b>	\$35.35	\$28.90	\$27.95	\$28.79	\$31.55	\$38.74	\$31.02
RC – 2-WIRE VOICE GRADE LOOP WITH APPLICABLE UNE COIN PORT – ZONE 2	<b>Note 4</b>	\$44.31	\$32.51	\$29.62	\$41.68	\$41.64	\$43.48	\$39.66
RC – 2-WIRE VOICE GRADE LOOP WITH APPLICABLE UNE COIN PORT – ZONE 3	<b>Note 4</b>	\$63.24	\$38.25	\$36.98	\$61.78	\$66.80	\$51.78	\$47.99
RC – 2-WIRE VOICE GRADE LOOP WITH APPLICABLE UNE COIN PORT – ZONE 4	<b>Note 4</b>	NA	NA	NA	NA	NA	\$60.62	NA
<b>2.1.4 ADDITIONAL UNE COIN PORT/LOOP (RCs)</b>								
UNE COIN PORT/LOOP COMBO USAGE (FLAT RATE)	<b>URECU</b>	\$1.56	\$1.86	\$3.59	\$2.57	\$1.81	\$4.62	\$4.05
<b>2.2 NONRECURRING CHARGES (NRC)</b>								
<b>2.2.1 CURRENTLY COMBINED UNE COIN PORT/LOOP COMBO (NRCs) (Note 9)</b>								
CONVERSION CHARGE – SWITCH AS IS – 1 <sup>ST</sup>	<b>USAC2</b>	\$41.50	\$41.50	\$41.50	\$41.50	\$41.50	\$41.50	\$41.50
CONVERSION CHARGE – SWITCH AS IS – ADD’L	<b>USAC2</b>	\$41.50	\$41.50	\$41.50	\$41.50	\$41.50	\$41.50	\$41.50
CONVERSION CHARGE – SWITCH WITH CHANGE – 1 <sup>ST</sup>	<b>USACC</b>	\$41.50	\$41.50	\$41.50	\$41.50	\$41.50	\$41.50	\$41.50
CONVERSION CHARGE – SWITCH WITH CHANGE – ADD’L	<b>USACC</b>	\$41.50	\$41.50	\$41.50	\$41.50	\$41.50	\$41.50	\$41.50
<b>2.2.2 NOT CURRENTLY COMBINED UNE COIN</b>								

<b>UNBUNDLED COIN PORT/LOOP COMBINATION RATE MATRIX</b>								
<b>PORT/LOOP COMBO (NRCs)</b>								
INSTALLATION CHARGE – 1 <sup>ST</sup>	<b>UEPRF</b>	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00
INSTALLATION CHARGE – ADD'L	<b>UEPRF</b>	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00
INSTALLATION CHARGE – 1 <sup>ST</sup>	<b>UEPSD</b>	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00
INSTALLATION CHARGE – ADD'L	<b>UEPSD</b>	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00
INSTALLATION CHARGE – 1 <sup>ST</sup>	<b>UEPMC</b>	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00
INSTALLATION CHARGE – ADD'L	<b>UEPMC</b>	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00
INSTALLATION CHARGE – 1 <sup>ST</sup>	<b>UEPRE</b>	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00
INSTALLATION CHARGE – ADD'L	<b>UEPRE</b>	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00
INSTALLATION CHARGE – 1 <sup>ST</sup>	<b>UEPGC</b>	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00
INSTALLATION CHARGE – ADD'L	<b>UEPGC</b>	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00
INSTALLATION CHARGE – 1 <sup>ST</sup>	<b>UEPRA</b>	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00
INSTALLATION CHARGE – ADD'L	<b>UEPRA</b>	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00
INSTALLATION CHARGE – 1 <sup>ST</sup>	<b>UEP2F</b>	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00
INSTALLATION CHARGE – ADD'L	<b>UEP2F</b>	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00
INSTALLATION CHARGE – 1 <sup>ST</sup>	<b>UEP2G</b>	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00
INSTALLATION CHARGE – ADD'L	<b>UEP2G</b>	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00
INSTALLATION CHARGE – 1 <sup>ST</sup>	<b>UEPMA</b>	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00
INSTALLATION CHARGE – ADD'L	<b>UEPMA</b>	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00
INSTALLATION CHARGE – 1 <sup>ST</sup>	<b>UEPRB</b>	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00
INSTALLATION CHARGE – ADD'L	<b>UEPRB</b>	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00
INSTALLATION CHARGE – 1 <sup>ST</sup>	<b>UEPFA</b>	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00
INSTALLATION CHARGE – ADD'L	<b>UEPFA</b>	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00
INSTALLATION CHARGE – 1 <sup>ST</sup>	<b>UEPGA</b>	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00
INSTALLATION CHARGE – ADD'L	<b>UEPGA</b>	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00
INSTALLATION CHARGE – 1 <sup>ST</sup>	<b>UEPKA</b>	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00
INSTALLATION CHARGE – ADD'L	<b>UEPKA</b>	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00
INSTALLATION CHARGE – 1 <sup>ST</sup>	<b>UEPSH</b>	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00
INSTALLATION CHARGE – ADD'L	<b>UEPSH</b>	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00
INSTALLATION CHARGE – 1 <sup>ST</sup>	<b>UEPMB</b>	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00
INSTALLATION CHARGE – ADD'L	<b>UEPMB</b>	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00
INSTALLATION CHARGE – 1 <sup>ST</sup>	<b>UEPSA</b>	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00
INSTALLATION CHARGE – ADD'L	<b>UEPSA</b>	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00
INSTALLATION CHARGE – 1 <sup>ST</sup>	<b>UEPSC</b>	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00
INSTALLATION CHARGE – ADD'L	<b>UEPSC</b>	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00
INSTALLATION CHARGE – 1 <sup>ST</sup>	<b>UEPGB</b>	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00



UNBUNDLED COIN PORT/LOOP COMBINATION RATE MATRIX								
INSTALLATION CHARGE – ADD'L	UEPGB	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00
INSTALLATION CHARGE – 1 <sup>ST</sup>	UEPCD	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00
INSTALLATION CHARGE – ADD'L	UEPCD	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00
INSTALLATION CHARGE – 1 <sup>ST</sup>	UEPCG	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00
INSTALLATION CHARGE – ADD'L	UEPCG	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00
INSTALLATION CHARGE – 1 <sup>ST</sup>	UEPCH	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00
INSTALLATION CHARGE – ADD'L	UEPCH	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00
INSTALLATION CHARGE – 1 <sup>ST</sup>	UEPCC	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00
INSTALLATION CHARGE – ADD'L	UEPCC	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00
INSTALLATION CHARGE – 1 <sup>ST</sup>	UEPCE	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00
INSTALLATION CHARGE – ADD'L	UEPCE	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00
INSTALLATION CHARGE – 1 <sup>ST</sup>	UEPCF	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00
INSTALLATION CHARGE – ADD'L	UEPCF	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00
INSTALLATION CHARGE – 1 <sup>ST</sup>	UEPCJ	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00
INSTALLATION CHARGE – ADD'L	UEPCJ	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00
INSTALLATION CHARGE – 1 <sup>ST</sup>	UEPRN	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00
INSTALLATION CHARGE – ADD'L	UEPRN	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00
INSTALLATION CHARGE – 1 <sup>ST</sup>	UEPSG	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00
INSTALLATION CHARGE – ADD'L	UEPSG	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00
INSTALLATION CHARGE – 1 <sup>ST</sup>	UEPME	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00
INSTALLATION CHARGE – ADD'L	UEPME	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00
INSTALLATION CHARGE – 1 <sup>ST</sup>	UEPRJ	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00
INSTALLATION CHARGE – ADD'L	UEPRJ	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00
INSTALLATION CHARGE – 1 <sup>ST</sup>	UEPLA	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00
INSTALLATION CHARGE – ADD'L	UEPLA	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00
INSTALLATION CHARGE – 1 <sup>ST</sup>	UEPSF	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00
INSTALLATION CHARGE – ADD'L	UEPSF	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00
INSTALLATION CHARGE – 1 <sup>ST</sup>	UEPRK	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00
INSTALLATION CHARGE – ADD'L	UEPRK	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00
INSTALLATION CHARGE – 1 <sup>ST</sup>	UEPOF	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00
INSTALLATION CHARGE – ADD'L	UEPOF	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00
INSTALLATION CHARGE – 1 <sup>ST</sup>	UEPMD	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00
INSTALLATION CHARGE – ADD'L	UEPMD	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00
INSTALLATION CHARGE – 1 <sup>ST</sup>	UEPRH	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00
INSTALLATION CHARGE – ADD'L	UEPRH	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00
INSTALLATION CHARGE – 1 <sup>ST</sup>	UEPSJ	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00

<b>UNBUNDLED COIN PORT/LOOP COMBINATION RATE MATRIX</b>								
INSTALLATION CHARGE – ADD’L	<b>UEPSJ</b>	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00
INSTALLATION CHARGE – 1 <sup>ST</sup>	<b>UEPCN</b>	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00
INSTALLATION CHARGE – ADD’L	<b>UEPCN</b>	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00
INSTALLATION CHARGE – 1 <sup>ST</sup>	<b>UEPCQ</b>	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00
INSTALLATION CHARGE – ADD’L	<b>UEPCQ</b>	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00
INSTALLATION CHARGE – 1 <sup>ST</sup>	<b>UEPCM</b>	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00
INSTALLATION CHARGE – ADD’L	<b>UEPCM</b>	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00
INSTALLATION CHARGE – 1 <sup>ST</sup>	<b>UEPCP</b>	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00
INSTALLATION CHARGE – ADD’L	<b>UEPCP</b>	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00
INSTALLATION CHARGE – 1 <sup>ST</sup>	<b>UEPCS</b>	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00
INSTALLATION CHARGE – ADD’L	<b>UEPCS</b>	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00
<b>2.2.3 ADDITIONAL NRCs (Note 9)</b>								
SUBSEQUENT ACTIVITY (Note 5)	<b>USAS2</b>	\$10.00	\$10.00	\$10.00	\$10.00	\$10.00	\$10.00	\$10.00
<b>2.2.4 OSS NRCs (Note 9)</b>								
OSS LSR CHARGE, ELECTRONIC, PER LSR RECEIVED FROM THE CLEC BY ONE OF THE OSS INTERACTIVE INTERFACES	<b>SOMEK</b>	\$3.50	\$2.75	\$3.50	\$3.50	\$3.50	\$3.50	\$3.50
INCREMENTAL MANUAL SERVICE ORDER CHARGE – 1 <sup>ST</sup>	<b>SOMAN</b>	\$40.71	\$21.56	\$33.67	\$19.99	\$31.92	\$43.52	\$43.19
INCREMENTAL MANUAL SERVICE ORDER CHARGE – ADD’L	<b>SOMAN</b>	\$9.58	\$21.56	\$7.88	\$19.99	\$7.32	\$9.99	\$9.91
SUBSEQUENT DATABASE UPDATE - ELECTRONIC		\$1.44	NA	NA	NA	\$2.11	\$2.87	\$0.71
SUBSEQUENT DATABASE UPDATE – MANUAL SERVICE ORDER		\$8.25	NA	NA	NA	\$5.12	\$6.88	\$8.91
ELECTRONIC SERVICE ORDER DISCONNECT	<b>SOMEK</b>	NA	\$0.42	NA	NA	NA	NA	NA
INCREMENTAL MANUAL SERVICE ORDER DISCONNECT	<b>SOMAN</b>	\$20.00	\$3.84	\$20.00	\$20.00	\$20.00	\$20.00	\$20.00
<b>3. ADDITIONAL USOCs (APPLICABLE IN ALL STATES) (Note 9)</b>								
UNBUNDLED CONTACT NAME	<b>UNECN</b>	NA	NA	NA	NA	NA	NA	NA
LOCAL NUMBER PORTABILITY	<b>LNPCX</b>	NA	NA	NA	NA	NA	NA	NA

UNBUNDLED COIN PORT/LOOP COMBINATION RATE MATRIX								
<b>NOTES:</b>								
1. The UNE Coin Port rate within this section includes all available features in GA, KY.								
2. Rates within this section apply for "Currently Combined" (and "Not Currently Combined" as noted in GA) UNE Coin Port/Loop Combinations ordered by the CLEC within all MSAs of the states listed to serve end users with less than four (4) DS0 equivalent lines; and for all MSAs of the states listed, except Orlando, Ft. Lauderdale, Miami, Atlanta and New Orleans, to serve end users with four (4) or more DS0 equivalent lines.								
3. As clarification, the term Dialing Parity refers to the BellSouth local calling plans that BellSouth must provide to comply with local dialing parity. The CLEC may request such a local calling scope with its UNE port/loop combination by selecting the appropriate USOC.								
4. There is not a unique UNE Coin Port/Loop Combination USOC. The service is ordered by submitting the UNE Coin Port USOC.								
5. Subsequent Activity is charged for service order activity after the line has been established as a UNE Combination. This charge is in addition to other applicable NRCs, such as OSS charges and installation charges.								
6. This Amendment contains Deaveraged Loop Rates by Zone. 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-1's interconnection agreement.								
7. In Georgia the UNE Coin Port Recurring Rates within this section will apply for "Currently Combined" as well as "Not Currently Combined" Port/Loop Combinations except for the Atlanta MSA if the CLEC is serving an end user with four or more DS0 equivalent lines.								
8. The nonrecurring charges in this category apply to "Not Currently Combined" UNE Coin Port/Loop Combinations in GA only, except for the Atlanta MSA if the CLEC is serving an end user with four or more DS0 equivalent lines.								
9. The USOCs listed within this category will appear on the CLEC's bill with the charges listed but are not required on the Local Service Request (LSR) when ordering.								
10. Rates within this section apply (1) if the CLEC is ordering a UNE Coin Port/loop Combination that is "Currently Combined" or "Not Currently Combined" to serve an end user with four or more DS0 equivalent lines in the Orlando, Ft. Lauderdale, Miami, Atlanta or New Orleans MSAs or (2) if the CLEC is ordering a UNE Coin Port/loop Combination that is "Not Currently Combined" to serve an end user in any MSA in AL, FL, KY, LA, MS or SC.								
11. The UNE Coin Port rate within this section includes all available features.								
12. BellSouth currently is developing the billing capability to bill unbundled recurring port rates for this section 2.1.1. In the interim, BellSouth shall bill the recurring unbundled port rates listed in 1.1.1 of this Exhibit 1 and shall true-up the billing differences once the billing capability is developed.								

**First Amendment to the  
Interconnection Agreement between  
Ernest Communications, Inc. and  
BellSouth Telecommunications, Inc.  
Dated April 27, 2000.**

Pursuant to this Amendment ("Amendment"), Ernest Communications, Inc. ("ECI") and BellSouth Telecommunications, Inc. ("BellSouth"), hereinafter referred to collectively as the "Parties", hereby agree to amend the Interconnection Agreement between BellSouth and ECI dated April 27, 2000 ("Interconnection Agreement").

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

1. The following paragraphs will be added to Attachment 2 as sections 5.4.7 and 5.4.7.1 respectively:

5.4.7. 2-wire voice grade coin port, shared interoffice transport, and 2-wire analog loop. This Unbundled Coin port/loop combination is to be utilized with a payphone set capable of performing coin phone functions such as call rating, coin return, and timing within the set itself.

5.4.7.1. The Unbundled Coin port/loop combination is currently available in BellSouth's serving territory in Alabama, Florida, Georgia, Kentucky, Louisiana, Mississippi and South Carolina. BellSouth's target date for making this combination available in North Carolina and Tennessee is March 31, 2001.

2. Section 5.3.2.1 will be deleted in its entirety and replaced with a new section 5.3.2.1 as follows:

5.3.2.1 Where BellSouth is not required to provide circuit switching pursuant to section 5.1 of the Interconnection Agreement, rates for circuit switching are as set forth in Exhibit C of this Attachment.

3. Rates for the Unbundled Coin Port/Loop Combinations are attached hereto as Exhibit 1.

4. All other provisions of the Interconnection Agreement dated April 27, 2000 shall remain unchanged and in full force and effect until the expiration date.

5. Either or both of the Parties is authorized to submit this Amendment to the appropriate regulatory agencies for approval subject to section 252(e) of the Federal Telecommunications Act of 1996.

IN WITNESS WHEREOF, the Parties hereto have caused this Amendment to be executed by their respective duly authorized representatives on the date indicated below.

**BellSouth Telecommunications, Inc.**

**Ernest Communications, Inc.**

By: Signature on File

By: Signature on File

Name: Pat Finlen

Name: Paul Masters

Title: Managing Director

Title: President

Date: 11/02/00

Date: 10/27/00

**AMENDMENT  
TO THE INTERCONNECTION AGREEMENT  
BETWEEN  
ERNEST COMMUNICATIONS, INC.  
AND  
BELLSOUTH TELECOMMUNICATIONS, INC.  
DATED April 27, 2000**

Pursuant to this Amendment, (the "Amendment"), Ernest Communications, Inc. ("ECI"), and BellSouth Telecommunications, Inc. ("BellSouth"), hereinafter referred to collectively as the "Parties," hereby agree to amend that certain Interconnection Agreement between the Parties dated April 27, 2000 ("Agreement").

WHEREAS, BellSouth and Ernest Communications entered into the Agreement on April 27, 2000, and;

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

1. Attachment 2, Exhibit C of the Agreement is hereby modified to include a rate for Directory Assistance Access Service Calls in Tennessee as follows:

	TN Rate
Directory Assistance Access Service Calls, per call	\$0.275

2. All of the other provisions of the Agreement, dated April 27, 2000 shall remain in full force and effect.
3. Either or both of the Parties are authorized to submit this Amendment to the respective state regulatory authorities for approval subject to Section 252(e) of the Federal Telecommunications Act of 1996.

IN WITNESS WHEREOF, the Parties hereto have caused this Amendment to be executed by their respective duly authorized representatives on the date indicated below.

**Ernest Communications, Inc.**

**BellSouth Telecommunications, Inc.**

By: Original Signature on File

By: Original Signature on File

Name: Paul Masters

Name: Chris Boltz

Title: President

Title: Managing Director

Date: 6/11/01

Date: 6/20/01

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**Amendment to the Interconnection Agreement  
By and Between BellSouth Telecommunications, Inc.  
And  
Ernest Communications, Inc.  
Dated April 27, 2000**

This Agreement refers to the Interconnection Agreement ("the Agreement") entered into by Ernest Communications, Inc. ("ECI") and BellSouth Telecommunications, Inc. ("BellSouth") on April 27, 2000. This Amendment ("Amendment") is made by and between ECI and BellSouth and shall be deemed effective on the date executed by ECI and BellSouth.

NOW THEREFORE, in consideration of the mutual provisions contained herein and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, ECI and BellSouth (individually, a "Party" and collectively, the "Parties") hereby covenant and agree as follows:

1. The Parties hereby mutually agree to delete in its entirety the rate of "N/A" for the rate element for "8XX Access Ten Digit Screening (all types), per call" for Florida in Exhibit C of Attachment 2 of the Agreement and to replace it with the new rate "\$0.0006531".
2. All of the other provisions of the Interconnection Agreement shall remain unchanged and in full force and effect.
3. Either or both of the Parties are authorized to submit this Amendment to the appropriate State Public Service Commissions or other Regulatory Agencies for approval subject to Section 252 (e) of the Federal Telecommunications Act of 1996.

IN WITNESS WHEREOF, the Parties hereto have caused this Amendment to be executed by their respective duly authorized representatives on the date indicated below.

**Ernest Communications, Inc.**

Original Signature on File

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**Signature**  
**Paul Masters**

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**Name**

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**President**

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**Title**  
**6/14/01**

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**Date**

**BellSouth Telecommunications, Inc.**

Original Signature on File

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**Signature**  
**C. W. Boltz**

---

**Name**

---

**Managing Director**

---

**Title**  
**6/20/01**

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**Date**



**AMENDMENT  
TO THE  
INTERCONNECTION AGREEMENT BETWEEN  
ERNEST COMMUNICATIONS, INC.  
AND  
BELLSOUTH TELECOMMUNICATIONS, INC.  
DATED APRIL 27, 2000  
ALABAMA, FLORIDA, GEORGIA, KENTUCKY, LOUISIANA (TSP ),  
MISSISSIPPI, NORTH CAOLINA, SOUTH CAROLINA AND TENNESSEE**

Pursuant to this Amendment, (the "Amendment"), Ernest Communications, Inc. ("ECI"), and BellSouth Telecommunications, Inc. ("BellSouth"), hereinafter referred to collectively as the "Parties," hereby agree to amend that certain Interconnection Agreement between the Parties dated April 27, 2000 ("Agreement").

WHEREAS, BellSouth and ECI entered into the Agreement on April 27, 2000, and;

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

1. Attachment 2 of the Agreement is hereby amended to include a new section 3.1.3.1 and all its subsections as follows:
  - 3.1.3.1 Unbundled Local Switching, together with Common Transport and, if necessary, Tandem Switching, provides to ECI local subscribers local calling and the ability to presubscribe to a primary carrier for intraLATA toll service and a primary carrier for interLATA toll service.
    - 3.1.3.1.1 Provided that ECI purchases unbundled local switching from BellSouth and uses the BellSouth CIC for its end users' LPIC or if a BellSouth local end user selects BellSouth as its LPIC, then the Parties will consider as local any calls originated by an ECI local end user, or originated by a BellSouth local end user and terminated to an ECI local end user, where such calls originate and terminate in the same LATA, except for those calls originated and terminated through switched access arrangements (i.e., calls that are transported by a party other than BellSouth). For such calls, BellSouth will charge ECI the UNE elements for the BellSouth facilities utilized. Neither Party shall bill the other originating or terminating switched access charges for such calls.

Intercarrier compensation for local calls between BellSouth and ECI shall be as described in BellSouth's UNE Local Call Flows set forth on BellSouth's web site.

- 3.1.3.1.2 Where ECI purchases unbundled local switching from BellSouth but does not use the BellSouth CIC for its end users' LPIC, BellSouth will consider as local those direct dialed telephone calls that originate from an ECI end user and terminate within the basic local calling area or within the extended local calling areas and that are dialed using 7 or 10 digits as defined and specified in Section A3 of BellSouth's General Subscriber Services Tariffs. For such local calls, BellSouth will charge ECI the UNE elements for the BellSouth facilities utilized. Intercarrier compensation for local calls between BellSouth and ECI shall be as described in BellSouth's UNE Local Call Flows set forth on BellSouth's web site.
  - 3.1.3.1.3 For any calls that originate and terminate through switched access arrangements (i.e., calls that are transported by a party other than BellSouth), BellSouth shall bill ECI the UNE elements for the BellSouth facilities utilized. Each Party may bill the toll provider originating or terminating switched access charges, as appropriate.
  - 3.1.3.1.4 Reverse billed toll calls, such as intraLATA 800 calls, calling card calls and third party billed calls, where BellSouth is the carrier shall also be considered as local calls and ECI shall not bill BellSouth originating or terminating switched access for such calls.
  - 3.1.3.1.5 BellSouth shall assess retroactive charges for UNE transport and switching associated with using the BellSouth LPIC if a CLEC has been able to previously select BellSouth as the end user LPIC prior to the option allowing the selection of a BellSouth provided LATA-wide local calling area being offered.
- 2. All of the other provisions of the Agreement, dated April 27, 2000, shall remain in full force and effect.
  - 3. Either or both of the Parties is authorized to submit this Amendment to the respective state regulatory authorities for approval subject to Section 252(e) of the Federal Telecommunications Act of 1996.

IN WITNESS WHEREOF, the Parties hereto have caused this  
Amendment to be executed by their respective duly authorized  
representatives on the date indicated below.

**Ernest Communications, Inc.**

By: Original Signature on File

Name: Paul Masters

Title: President

Date: 6/11/01

**BellSouth Telecommunications, Inc.**

By: Original Signature on File

Name: C.W. Boltz

Title: Managing Director

Date: 6/20/01

AMENDMENT TO  
INTERCONNECTION AGREEMENT BETWEEN  
BELLSOUTH TELECOMMUNICATIONS, INC.  
AND ERNEST COMMUNICATIONS, INC.  
DATED APRIL 27, 2000  
TENNESSEE

This Agreement (the "Amendment") is made and entered into between BellSouth Telecommunications, Inc. ("BellSouth") a Georgia corporation, and Ernest Communications, Inc. ("ECI") a Georgia corporation.

WHEREAS, The Parties desire to amend that certain Interconnection Agreement between BellSouth and ECI dated April 27, 2000 (the "Interconnection Agreement"), in order to incorporate rates established by the Tennessee Regulatory Authority ("TRA") in Docket Number 97-01262, on December 19, 2000, as amended by BellSouth's corrected submissions of January 31, 2001 and February 12, 2001;

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

1. Those permanent rates established by the TRA in Docket No. 97-01262 for certain Unbundled Network Elements and Local Interconnection in Tennessee are as set forth in Exhibit 1-TN attached hereto and incorporated herein by this reference.

2. To the extent that any product or service set forth in Exhibit 2-TN corresponds to a product or service set forth in the Interconnection Agreement, all rate elements and rates associated with such product or service in the Interconnection Agreement are hereby deleted and replaced with the corresponding rates and rate elements in Exhibit 1-TN.

3. Any rate element and rate for products or services in the Interconnection Agreement that is not expressly replaced by the rates and rate elements set forth in Exhibit 1-TN as described in paragraph 2 above shall remain in full force and effect in accordance with the terms of the Interconnection Agreement.

4. To the extent ECI and BellSouth have not previously negotiated terms and conditions corresponding to any rate element set forth in Exhibit 1-TN, then any Order for such element shall be provisioned in accordance to the terms and conditions set forth in the Competitive Local Exchange Carrier Tariff for the State of Tennessee, incorporated herein by this reference.

5. The Parties agree that all of the other provisions of the Interconnection Agreement, dated April 27, 2000, shall remain in full force and effect.

6. The Parties further agree that either or both of the Parties is authorized to submit this Amendment to the Tennessee Regulatory Authority or other regulatory body having jurisdiction over the subject matter of this Amendment, for approval subject to Section 252(e) of the federal Telecommunications Act of 1996.

This Amendment is made effective upon the date that it is signed by both Parties.

IN WITNESS WHEREOF, the parties hereto have caused this Amendment to be executed by their respective duly authorized representatives on the data indicated below.

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<b>BellSouth Telecommunications, Inc.</b>	<b>Ernest Communications, Inc.</b>
<b>Original Signature on File</b>	<b>Original Signature on File</b>
<b>By: C. W. Boltz</b>	<b>By: Paul Masters</b>
<b>Title: Managing Director</b>	<b>Title: President</b>
<b>Date: 7/5/01</b>	<b>Date: 6/29/01</b>

ODUF/EODUF  
Tennessee

		UNBUNDLED NETWORK ELEMENT	UNBUNDLED NETWORK ELEMENT AS STATED IN DOCKET 97-01262	Not in TRA Docket 97- 01262	Zone	BCS	USOC	RATES				OSS RATES					
												Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic- Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l
								Rec	First	Add'l	First	Add'l	SOMECS	SOMAN	SOMAN	SOMAN	SOMAN
		ODUF/EODUF/CMDS/CNAM-Resale															
		OPTIONAL DAILY USAGE FILE (ODUF)															
		ODUF: Recording, per message	OSS OLEC Daily Usage File Recording per message				N/A	\$0.0000044									
		ODUF: Message Processing, per message	OSS OLEC Daily Usage File Message Distribution per message				N/A	\$0.0027366									
		ODUF: Message Processing, per Magnetic Tape provisioned	OSS OLEC Daily Usage File Message Distribution per magnetic tape provisioned				N/A	\$52.75									
		ODUF: Data Transmission (CONNECT:DIRECT), per message	OSS OLEC Daily Usage File Data Transmission (Connect: Direct), per message				N/A	\$0.0000339									

**Unbundled Network Elements  
TENNESSEE**

	UNBUNDLED NETWORK ELEMENT	UNBUNDLED NETEORK ELEMENT AS STATED IN DOCKET 97-01262	Not in TRA Docket 97- 01262	Zone	BCS	USOC	RATES					OSS RATES					
												Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l
							Rec	First	Add'l	First	Add'l						
												SOMECS	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN
	Geographically Deaveraged UNE Zones and applicable rates have been established for certain services, as shown in this Agreement. Where Geographically Deaveraged UNE Zones and applicable rates are established, Statewide rates are obsolete. Further, BellSouth is in the process of enhancing its billing systems in order to accomodate this Geographically Deaveraged UNE Zone Rate Structure. Until these enhancements are accomplished, the UNE Zone 1 rate will be billed for all services residing in Zones 1, 2, 3 or 4, i.e., once billing enhancements are complete, all applicable UNE Zone rates reflected in this Agreement will be billed. Reference Internet Website <a href="http://www.interconnection.bellsouth.com/become_clec/docs/interconnection/deavuzns.pdf">http://www.interconnection.bellsouth.com/become_clec/docs/interconnection/deavuzns.pdf</a> to view Geographically Deaveraged UNE Zone Designations by Central Office.																
	<b>UNBUNDLED EXCHANGE ACCESS LOOP</b>																
	<b>2-WIRE ANALOG VOICE GRADE LOOP</b>																
	2-Wire Analog Voice Grade Loop - Service Level 1- Zone 1	2-Wire Analog Voice Grade Loop - Service Level 1 - Zone 1		1	UEANL	UEAL2	\$13.19	\$31.99	\$20.02	\$10.65	\$1.41			\$20.35	\$10.54	\$13.32	
	2-Wire Analog Voice Grade Loop - Service Level 1- Zone 2	2-Wire Analog Voice Grade Loop - Service Level 1 - Zone 2		2	UEANL	UEAL2	\$17.23	\$31.99	\$20.02	\$10.65	\$1.41			\$20.35	\$10.54	\$13.32	
	2-Wire Analog Voice Grade Loop - Service Level 1- Zone 3	2-Wire Analog Voice Grade Loop - Service Level 1 - Zone 3		3	UEANL	UEAL2	\$22.53	\$31.99	\$20.02	\$10.65	\$1.41			\$20.35	\$10.54	\$13.32	
	Manual Order Coordination for UVL-SL1s (per loop)*	2-WAVGL - SL1 - Manual Order Coordination			UEANL	UEAMC		\$36.52	\$36.52	\$9.18	\$9.18						
	Order Coordination for Specified Conversion Time for UVL-SL1 (per LSR) *	2-WAVGL - SL1 - Order Coordination for Specified Conversion Time			UEANL	OCOSL		\$34.29	\$34.29								
	2-Wire Analog Voice Grade Loop - Service Level 2 w/Loop or Ground Start Signaling - Zone 1	2-Wire Analog Voice Grade Loop - Service Level 2 - Zone 1		1	UEA	UEAL2	\$16.56	\$75.06	\$48.20	\$28.70	\$17.64			\$20.35	\$10.54	\$13.32	
	2-Wire Analog Voice Grade Loop - Service Level 2 w/Loop or Ground Start Signaling - Zone 2	2-Wire Analog Voice Grade Loop - Service Level 2 - Zone 2		2	UEA	UEAL2	\$21.63	\$75.06	\$48.20	\$28.70	\$17.64			\$20.35	\$10.54	\$13.32	
	2-Wire Analog Voice Grade Loop - Service Level 2 w/Loop or Ground Start Signaling - Zone 3	2-Wire Analog Voice Grade Loop - Service Level 2 - Zone 3		3	UEA	UEAL2	\$28.28	\$75.06	\$48.20	\$28.70	\$17.64			\$20.35	\$10.54	\$13.32	
	Order Coordination for Specified Conversion Time (per LSR)	2-WAVGL - SL2 - Order Coordination for Specified Conversion Time			UEA	OCOSL		\$34.29	\$34.29								
	2-Wire Analog Voice Grade Loop - Service Level 2 w/Reverse Battery Signaling - Zone 1	2-Wire Analog Voice Grade Loop - Service Level 2 - Zone 1		1	UEA	UEAR2	\$16.56	\$75.06	\$48.20	\$28.70	\$17.64			\$20.35	\$10.54	\$13.32	
	2-Wire Analog Voice Grade Loop - Service Level 2 w/Reverse Battery Signaling - Zone 2	2-Wire Analog Voice Grade Loop - Service Level 2 - Zone 2		2	UEA	UEAR2	\$21.63	\$75.06	\$48.20	\$28.70	\$17.64			\$20.35	\$10.54	\$13.32	
	2-Wire Analog Voice Grade Loop - Service Level 2 w/Reverse Battery Signaling - Zone 3	2-Wire Analog Voice Grade Loop - Service Level 2 - Zone 3		3	UEA	UEAR2	\$28.28	\$75.06	\$48.20	\$28.70	\$17.64			\$20.35	\$10.54	\$13.32	
	Order Coordination for Specified Conversion Time (per LSR)	2-WAVGL - SL2 - Order Coordination for Specified Conversion Time			UEA	OCOSL		\$34.29	\$34.29								

**Unbundled Network Elements  
TENNESSEE**

	UNBUNDLED NETWORK ELEMENT	UNBUNDLED NETEORK ELEMENT AS STATED IN DOCKET 97-01262	Not in TRA Docket 97- 01262	Zone	BCS	USOC	RATES					OSS RATES					
												Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l
							Rec	First	Add'l	First	Add'l						
												SOMECS	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN
	<b>4-WIRE ANALOG VOICE GRADE LOOP</b>																
	4-Wire Analog Voice Grade Loop - Zone 1	4-Wire Analog Voice Grade Loop - Zone 1		1	UEA	UEAL4	\$24.70	\$122.76	\$85.57	\$76.35	\$39.16			\$20.35	\$10.54	\$13.32	
	4-Wire Analog Voice Grade Loop - Zone 2	4-Wire Analog Voice Grade Loop - Zone 2		2	UEA	UEAL4	\$32.25	\$122.76	\$85.57	\$76.35	\$39.16			\$20.35	\$10.54	\$13.32	
	4-Wire Analog Voice Grade Loop - Zone 3	4-Wire Analog Voice Grade Loop - Zone 3		3	UEA	UEAL4	\$42.17	\$122.76	\$85.57	\$76.35	\$39.16			\$20.35	\$10.54	\$13.32	
	Order Coordination for Specified Conversion Time (per LSR)	4-Wire AVGL - Order Coordination for Specified Conversion Time			UEA	OCOSL		\$34.29	\$34.29								
	<b>2-WIRE ISDN DIGITAL GRADE LOOP</b>																
	2-Wire ISDN Digital Grade Loop - Zone 1	2-Wire ISDN Digital Grade Loop - Zone 1		1	UDN	U1L2X	\$22.00	\$142.76	\$88.88	\$76.35	\$39.16			\$20.35	\$10.54	\$13.32	
	2-Wire ISDN Digital Grade Loop - Zone 2	2-Wire ISDN Digital Grade Loop - Zone 2		2	UDN	U1L2X	\$29.02	\$142.76	\$88.88	\$76.35	\$39.16			\$20.35	\$10.54	\$13.32	
	2-Wire ISDN Digital Grade Loop - Zone 3	2-Wire ISDN Digital Grade Loop - Zone 3		3	UDN	U1L2X	\$37.95	\$142.76	\$88.88	\$76.35	\$39.16			\$20.35	\$10.54	\$13.32	
	Order Coordination For Specified Conversion Time (per LSR)	2-Wire ISDN Digital Grade Loop - Order Coordination for Specified Conversion Time			UDN	OCOSL		\$34.29	\$34.29								
	<b>2-WIRE ASYMMETRICAL DIGITAL SUBSCRIBER LINE (ADSL) COMPATIBLE LOOP</b>																
	2-Wire ADSL Compatible Loop <u>including</u> Man Svc Inquiry and Facility Reservation - Zone 1	2-Wire ADSL Compatible Loop - Zone 1		1	UAL	UAL2X	\$13.82	\$270.01	\$234.63	\$74.54	\$39.14			\$20.35	\$10.54	\$13.32	
	2-Wire ADSL Compatible Loop <u>including</u> Man Svc Inquiry and Facility Reservation - Zone 2	2-Wire ADSL Compatible Loop - Zone 2		2	UAL	UAL2X	\$18.05	\$270.01	\$234.63	\$74.54	\$39.14			\$20.35	\$10.54	\$13.32	
	2-Wire ADSL Compatible Loop <u>including</u> Man Svc Inquiry and Facility Reservation - Zone 3	2-Wire ADSL Compatible Loop - Zone 3		3	UAL	UAL2X	\$23.60	\$270.01	\$234.63	\$74.54	\$39.14			\$20.35	\$10.54	\$13.32	
	Order Coordination for Specified Conversion Time	2-Wire ADSL Digital Grade Loop - Order Coordination for Specified Conversion Time			UAL	OCOSL		\$34.29	\$34.29								
	<b>2-WIRE HIGH BIT RATE DIGITAL SUBSCRIBER LINE (HDSL) COMPATIBLE LOOP</b>																
	2-Wire HDSL Compatible Loop <u>including</u> manual service inquiry and facility reservation - Zone 1	2-Wire High Bit Rate DSL Compatible Loop - Zone 1		1	UHL	UHL2X	\$10.83	\$270.01	\$234.63	\$74.54	\$39.14			\$20.35	\$10.54	\$13.32	
	2-Wire HDSL Compatible Loop <u>including</u> manual service inquiry and facility reservation - Zone 2	2-Wire High Bit Rate DSL Compatible Loop - Zone 2		2	UHL	UHL2X	\$14.15	\$270.01	\$234.63	\$74.54	\$39.14			\$20.35	\$10.54	\$13.32	
	2-Wire HDSL Compatible Loop <u>including</u> manual service inquiry and facility reservation - Zone 3	2-Wire High Bit Rate DSL Compatible Loop - Zone 3		3	UHL	UHL2X	\$18.50	\$270.01	\$234.63	\$74.54	\$39.14			\$20.35	\$10.54	\$13.32	
	Order Coordination for Specified Conversion Time	2-Wire HDSL Loop - Order Coordination for Specified Conversion Time			UHL	OCOSL		\$34.29	\$34.29								
	<b>4-WIRE HIGH BIT RATE DIGITAL SUBSCRIBER LINE (HDSL) COMPATIBLE LOOP</b>																
	4-Wire HDSL Compatible Loop <u>including</u> manual service inquiry and facility reservation - Zone 1	4-Wire HDSL Compatible Loop - Zone 1		1	UHL	UHL4X	\$13.93	\$279.60	\$244.22	\$74.54	\$39.14			\$20.35	\$10.54	\$13.32	



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		UNBUNDLED NETWORK ELEMENT	UNBUNDLED NETEORK ELEMENT AS STATED IN DOCKET 97-01262	Not in TRA Docket 97- 01262	Zone	BCS	USOC	RATES					OSS RATES					
								Rec	First	Add'l	First	Add'l	Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l
		4-Wire HDSL Compatible Loop <u>including</u> manual service inquiry and facility reservation - Zone 2	4-Wire HDSL Compatible Loop - Zone 2		2	UHL	UHL4X	\$18.20	\$279.60	\$244.22	\$74.54	\$39.14			\$20.35	\$10.54	\$13.32	
		4-Wire HDSL Compatible Loop <u>including</u> manual service inquiry and facility reservation - Zone 3	4-Wire HDSL Compatible Loop - Zone 3		3	UHL	UHL4X	\$23.80	\$279.60	\$244.22	\$74.54	\$39.14			\$20.35	\$10.54	\$13.32	
		Order Coordination for Specified Conversion Time	4-Wire HDSL Loop Order Coordination for Specified Conversion Time			UHL	OCOSL		\$34.29	\$34.29								
		4-WIRE DS1 DIGITAL LOOP																
		4-Wire DS1 Digital Loop - Zone 1	4-Wire DS1 Digital Loop - Zone 1		1	USL	USLXX	\$57.73	\$313.08	\$219.72	\$96.86	\$40.45			\$18.98	\$8.43	\$11.95	\$0.00
		4-Wire DS1 Digital Loop - Zone 2	4-Wire DS1 Digital Loop - Zone 2		2	USL	USLXX	\$75.40	\$313.08	\$219.72	\$96.86	\$40.45			\$18.98	\$8.43	\$11.95	\$0.00
		4-Wire DS1 Digital Loop - Zone 3	4-Wire DS1 Digital Loop - Zone 3		3	USL	USLXX	\$98.59	\$313.08	\$219.72	\$96.86	\$40.45			\$18.98	\$8.43	\$11.95	\$0.00
		Order Coordination for Specified Conversion Time	4-Wire DS1 Loop - Order Coordination for Specified Conversion Time			USL	OCOSL		\$34.59	\$34.59								
		4-WIRE 56 OR 64 KBPS DIGITAL GRADE LOOP																
		4-Wire 56 Kbps Digital Grade Loop - Zone 1	4-Wire 56 or 64 Kbps Digital Grade Loop - Zone 1		1	UDL	UDL56	\$31.10	\$207.01	\$141.38	\$90.70	\$44.18			\$20.35	\$10.54	\$13.32	
		4-Wire 56 Kbps Digital Grade Loop - Zone 2	4-Wire 56 or 64 Kbps Digital Grade Loop - Zone 2		2	UDL	UDL56	\$40.61	\$207.01	\$141.38	\$90.70	\$44.18			\$20.35	\$10.54	\$13.32	
		4-Wire 56 Kbps Digital Grade Loop - Zone 3	4-Wire 56 or 64 Kbps Digital Grade Loop - Zone 3		3	UDL	UDL56	\$53.11	\$207.01	\$141.38	\$90.70	\$44.18			\$20.35	\$10.54	\$13.32	
		Order Coordination for Specified Conversion Time	4-Wire 56/64 kbps Dig. GL - Order Coordination for Specified Conversion Time			UDL	OCOSL		\$34.29	\$34.29								
		4-Wire 64 Kbps Digital Grade Loop - Zone 1	4-Wire 56 or 64 Kbps Digital Grade Loop - Zone 1		1	UDL	UDL64	\$31.10	\$207.01	\$141.38	\$90.70	\$44.18			\$20.35	\$10.54	\$13.32	
		4-Wire 64 Kbps Digital Grade Loop - Zone 2	4-Wire 56 or 64 Kbps Digital Grade Loop - Zone 2		2	UDL	UDL64	\$40.61	\$207.01	\$141.38	\$90.70	\$44.18			\$20.35	\$10.54	\$13.32	
		4-Wire 64 Kbps Digital Grade Loop - Zone 3	4-Wire 56 or 64 Kbps Digital Grade Loop - Zone 3		3	UDL	UDL64	\$53.11	\$207.01	\$141.38	\$90.70	\$44.18			\$20.35	\$10.54	\$13.32	
		Order Coordination for Specified Conversion Time	4-Wire 56/64 kbps Dig. GL - Order Coordination for Specified Conversion Time			UDL	OCOSL		\$34.29	\$34.29								
		SUB-LOOPS																
		Sub-Loop Distribution																
		Sub-Loop - Per Cross Box Location - CLEC Feeder Facility Set-Up		*		UEANL	USBSA		\$517.25	\$517.25				\$20.35	\$10.54	\$13.32		
		Sub-Loop - Per Cross Box Location - Per 25 Pair Panel Set-Up		*		UEANL	USBSB		\$42.68	\$42.68				\$20.35	\$10.54	\$13.32		
		Sub-Loop Distribution Per 2-Wire Analog Voice Grade Loop - Statewide	Loop Distribution - per 2-WAVGL		sw	UEANL	USBN2	\$10.02	\$148.84	\$112.34	\$73.14	\$36.65			\$20.35	\$10.54	\$13.32	
		Sub-Loop Distribution - Order Coordination, per sub-loop pair		*		UEANL	USBMC		\$36.52									
		Sub-Loop Distribution - Order Coordination for Specified Time Conversion, per LSR	Sub-Loop Distribution - Order Coordination for Specified Conversion Time			UEANL	OCOSL		\$34.29									

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	UNBUNDLED NETWORK ELEMENT	UNBUNDLED NETEORK ELEMENT AS STATED IN DOCKET 97-01262	Not in TRA Docket 97-01262	Zone	BCS	USOC	RATES					OSS RATES					
							Rec	First	Add'l	First	Add'l	Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l
												SOMECH	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN
	<b>Sub-Loop Feeder</b>																
	DS0 Set-up per Cross Box location - CLEC Distribution Facility set-up (for access to Feeder)		*		UEA, UDN, UCL, UDL	USBF W		\$517.25	\$517.25					\$20.35	\$10.54	\$13.32	
	DS0 Set-up per Cross Box location - per 25 pair pasnel set-up (for access to Feeder)		*		UEA, UDN, UCL, UDL	USBFX		\$42.68	\$42.68					\$20.35	\$10.54	\$13.32	
	Sub-Loop Feeder- Per 2-Wire Analog Voice Grade Ground-Start Loop - Statewide	Loop Feeder per 2-WAVGL		sw	UEA	USBF A	\$12.05	\$122.24	\$85.05	\$76.35	\$39.16			\$20.35	\$10.54	\$13.32	
	Sub-Loop Feeder- Per 2-Wire Analog Voice Grade Loop-Start Loop - Statewide	Loop Feeder per 2-WAVGL		sw	UEA	USBF B	\$12.05	\$122.24	\$85.05	\$76.35	\$39.16			\$20.35	\$10.54	\$13.32	
	Sub-Loop Feeder - Per 2-Wire Analog Voice Grade Reverse Battery Loop - Statewide	Loop Feeder per 2-WAVGL		sw	UEA	USBF C	\$12.05	\$122.24	\$85.05	\$76.35	\$39.16			\$20.35	\$10.54	\$13.32	
	Sub-Loop Feeder - Order Coordination for Specified Conversion Time, per LSR	Sub-Loop Feeder - Order Coordination for Specified Conversion Time			UEA	OCOSL		\$34.29									
	<b>Network Interface Device (NID)</b>																
	Network Interface Device Cross Connect	NID per 2-Wire Loop			W	UNDC2	\$1.15	\$0.74				\$3.50		\$19.99	\$19.99	\$19.99	\$19.99
	Network Interface Device Cross Connect	NID per 4-Wire Loop			W	UNDC4	\$1.27	\$0.74				\$3.50		\$19.99	\$19.99	\$19.99	\$19.99
	<b>UNBUNDLED LOOP CONCENTRATION</b>																
	Loop Channelization System	Loop Channelization system - DLC (Inside CO)			ULC	ULCCS	\$307.07	\$307.34	\$74.37	\$4.18		\$3.50		\$20.35	\$10.54	\$13.32	
	CO Channel Interface - 2-Wire Voice Grade	CO Channel Interface - 2-Wire Voice Grade			ULC	ULCC2	\$1.20	\$9.57	\$9.52	\$8.66	\$8.60	\$3.50		\$20.35	\$10.54	\$13.32	
	Unbundled Loop Concentration - Channel Interface-2 Wire Voice-Loop Start or Ground Start	CO Channel Interface - 2-Wire Voice Grade			UEA	ULCC2	\$1.20	\$9.57	\$9.52	\$8.66	\$8.60	\$3.50		\$20.35	\$10.54	\$13.32	
	<b>UNBUNDLED SUB-LOOP CONCENTRATION (OUTSIDE CO)</b>																
	Loop Concentration - Channelization System	Loop Concentration - Channelization System (Outside CO)			TBD	UCT8A	\$328.28	\$651.09	\$283.42	\$207.92	\$50.94	\$3.50		\$20.35	\$10.54	\$13.32	
	Remote Channel Interface - 2-Wire Voice Grade Loop	Loop Concentration - Remote Channel Interface - 2-WAVGL (Outside CO)			TBD	ULCC2	\$0.88	\$9.43	\$9.40	\$4.71	\$4.70	\$3.50		\$20.35	\$10.54	\$13.32	
	Loop Concentration - Remote terminal Cabinet (Outside CO)	Loop Concentration - Remote Terminal Cabinet (Outside CO)					ICB					\$3.50					
	Channel Interface - 2 Wire Voice-Loop Start or Ground Start	Loop Concentration - Remote Channel Interface - 2-WAVGL (Outside CO)			TBD	ULCC2	\$0.88	\$9.43	\$9.40	\$4.71	\$4.70	\$3.50		\$20.35	\$10.54	\$13.32	
	<b>UNBUNDLED LOCAL EXCHANGE SWITCHING(PORTS)</b>																
	<b>Exchange Ports</b>																
	Exchange Ports - 2-Wire Analog Line Port- Res.	Exchange Ports - 2-Wire Analog Line Port (Res./Bus.)			UEPSR	UEPRL	\$1.89	\$9.93	\$9.19	\$3.66	\$2.92			\$20.35	\$10.54	\$13.32	\$1.40

**Unbundled Network Elements  
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		UNBUNDLED NETWORK ELEMENT	UNBUNDLED NETEORK ELEMENT AS STATED IN DOCKET 97-01262	Not in TRA Docket 97-01262	Zone	BCS	USOC	RATES				OSS RATES						
								Rec					Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l
									Nonrecurring		Nonrecurring							
									Disconnect		Disconnect							
First	Add'l	First	Add'l	SOMECH	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN									
Note: Although the Port rate includes all available vertical features in TN, the desired feature(s) will need to be ordered.)																		
		Exchange Ports - 2-Wire Analog Line Port with Caller ID - Res.	Exchange Ports - 2-Wire Analog Line Port (Res./Bus.)			UEPSR	UEPRC	\$1.89	\$9.93	\$9.19	\$3.66	\$2.92			\$20.35	\$10.54	\$13.32	\$1.40
		Exchange Ports - 2-Wire Analog Line Port outgoing only - Res.	Exchange Ports - 2-Wire Analog Line Port (Res./Bus.)			UEPSR	UEPRO	\$1.89	\$9.93	\$9.19	\$3.66	\$2.92			\$20.35	\$10.54	\$13.32	\$1.40
		Exchange Ports - 2-Wire VG unbundled TN extended local dialing parity Port with Caller ID - Res.	Exchange Ports - 2-Wire Analog Line Port (Res./Bus.)			UEPSR	UEPAQ	\$1.89	\$9.93	\$9.19	\$3.66	\$2.92			\$20.35	\$10.54	\$13.32	\$1.40
		Exchange Ports - 2-Wire VG unbundled Tennessee Area Calling port with Caller ID - Res (F2R)	Exchange Ports - 2-Wire Analog Line Port (Res./Bus.)			UEPSR	UEPAK	\$1.89	\$9.93	\$9.19	\$3.66	\$2.92			\$20.35	\$10.54	\$13.32	\$1.40
		Exchange Ports - 2-Wire VG unbundled Tennessee Area Calling port with Caller ID - Res (TACER)	Exchange Ports - 2-Wire Analog Line Port (Res./Bus.)			UEPSR	UEPAL	\$1.89	\$9.93	\$9.19	\$3.66	\$2.92			\$20.35	\$10.54	\$13.32	\$1.40
		Exchange Ports - 2-Wire VG unbundled Tennessee Area Calling port with Caller ID - Res (TACSR)	Exchange Ports - 2-Wire Analog Line Port (Res./Bus.)			UEPSR	UEPAM	\$1.89	\$9.93	\$9.19	\$3.66	\$2.92			\$20.35	\$10.54	\$13.32	\$1.40
		Exchange Ports - 2-Wire VG unbundled Tennessee Area Calling port with Caller ID - Res (1MF2X)	Exchange Ports - 2-Wire Analog Line Port (Res./Bus.)			UEPSR	UEPAN	\$1.89	\$9.93	\$9.19	\$3.66	\$2.92			\$20.35	\$10.54	\$13.32	\$1.40
		Exchange Ports - 2-Wire VG unbundled Tennessee Area Calling port with Caller ID - Res (2MR)	Exchange Ports - 2-Wire Analog Line Port (Res./Bus.)			UEPSR	UEPAO	\$1.89	\$9.93	\$9.19	\$3.66	\$2.92			\$20.35	\$10.54	\$13.32	\$1.40
		Exchange Ports - 2-Wire VG unbundled res, low usage line port with Caller ID (LUM)	Exchange Ports - 2-Wire Analog Line Port (Res./Bus.)			UEPSR	UEPAP	\$1.89	\$9.93	\$9.19	\$3.66	\$2.92			\$20.35	\$10.54	\$13.32	\$1.40
		Subsequent Activity		*		UEPSR	USASC		\$10.00	\$10.00								
		All Available Vertical Features	[Exchange Ports includes all Applicable Features.]			UEPSR	UEPVF	\$0.00	\$0.00	\$0.00								
		Exchange Ports - 2-Wire Analog Line Port without Caller ID - Bus	Exchange Ports - 2-Wire Analog Line Port (Res./Bus.)			UEPSB	UEPBL	\$1.89	\$9.93	\$9.19	\$3.66	\$2.92			\$20.35	\$10.54	\$13.32	\$1.40
		Exchange Ports - 2-Wire VG unbundled Line Port with unbundled port with Caller+E484 ID - Bus.	Exchange Ports - 2-Wire Analog Line Port (Res./Bus.)			UEPSB	UEPBC	\$1.89	\$9.93	\$9.19	\$3.66	\$2.92			\$20.35	\$10.54	\$13.32	\$1.40
		Exchange Ports - 2-Wire Analog Line Port outgoing only - Bus.	Exchange Ports - 2-Wire Analog Line Port (Res./Bus.)			UEPSB	UEPBO	\$1.89	\$9.93	\$9.19	\$3.66	\$2.92			\$20.35	\$10.54	\$13.32	\$1.40
		Exchange Ports - 2-Wire VG unbundled TN extended local dialing parity Port with Caller ID - Bus.	Exchange Ports - 2-Wire Analog Line Port (Res./Bus.)			UEPSB	UEPAV	\$1.89	\$9.93	\$9.19	\$3.66	\$2.92			\$20.35	\$10.54	\$13.32	\$1.40
		Exchange Ports - 2-Wire VG unbundled incoming only port with Caller ID - Bus	Exchange Ports - 2-Wire Analog Line Port (Res./Bus.)			UEPSB	UEPB1	\$1.89	\$9.93	\$9.19	\$3.66	\$2.92			\$20.35	\$10.54	\$13.32	\$1.40
		Exchange Ports - 2-Wire VG unbundled TN Bus 2-Way Area Calling Port Economy Option - Bus (TACC1)	Exchange Ports - 2-Wire Analog Line Port (Res./Bus.)			UEPSB	UEPAC	\$1.89	\$9.93	\$9.19	\$3.66	\$2.92			\$20.35	\$10.54	\$13.32	\$1.40
		Exchange Ports - 2-Wire VG unbundled TN Bus 2-Way Area Calling Port Standard Option - Bus (TACC2)	Exchange Ports - 2-Wire Analog Line Port (Res./Bus.)			UEPSB	UEPAD	\$1.89	\$9.93	\$9.19	\$3.66	\$2.92			\$20.35	\$10.54	\$13.32	\$1.40
		Exchange Ports-2-Wire VG unbundled TN Bus 2-Way Collierville & Memphis Local Calling Port-Bus (B2F)	Exchange Ports - 2-Wire Analog Line Port (Res./Bus.)			UEPSB	UEPAE	\$1.89	\$9.93	\$9.19	\$3.66	\$2.92			\$20.35	\$10.54	\$13.32	\$1.40
		Subsequent Activity		*		UEPSB	USASC		\$10.00	\$10.00								
		All Available Vertical Features	[Exchange Ports includes all Applicable Features.]			UEPSB	UEPVF	\$0.00	\$0.00	\$0.00								
		Exchange Ports - 4-Wire Analog Voice Grade Port	Exchange Ports - 4-Wire Analog Voice Grade Port				UEP4A	\$8.27	\$9.93	\$9.19	\$3.66	\$2.92			\$20.35	\$10.54	\$13.32	\$1.40
		Subsequent Activity		*			USASC		\$10.00	\$10.00								

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	UNBUNDLED NETWORK ELEMENT	UNBUNDLED NETWORK ELEMENT AS STATED IN DOCKET 97-01262	Not in TRA Docket 97-01262	Zone	BCS	USOC	RATES					OSS RATES					
							Rec	First	Add'l	First	Add'l	Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l
												SOMECD	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN
	All Available Vertical Features	[Exchange Ports includes all Applicable Features.]				UEPVF	\$0.00	\$0.00	\$0.00								
	Exchange Ports - 2-Wire DID Port	Exchange Ports - 2-Wire DID Port			UEPEX	UEPP2	\$8.97	\$47.75	\$47.01	\$9.21	\$8.47			\$20.35	\$10.54	\$13.32	\$1.40
	Subsequent Activity		*		UEPEX	USASC		\$10.00	\$10.00								
	All Available Vertical Features	[Exchange Ports includes all Applicable Features.]			UEPEX	UEPVF	\$0.00	\$0.00	\$0.00								
	Exchange Ports - DDITS Port - 4-Wire DS1 Port with DID capability	Exchange Ports - 4-Wire DID Port			UEPDD	UEPDD	\$35.74	\$75.93	\$38.15	\$8.77	\$8.04			\$20.35	\$10.54	\$13.32	\$1.40
	Subsequent Activity		*		UEPDD	USACP		\$10.00	\$10.00								
	Exchange Ports - 2-Wire ISDN Port (See Notes below.)	Exchange Ports - 2-Wire ISDN Port			U1PMA	U1PMA	\$16.26	\$30.23	\$29.49	\$4.10	\$4.10			\$41.43	\$42.17	\$9.80	\$9.80
	Subsequent Activity		*		UEPDD	USASC		\$10.00	\$10.00								
	All Available Vertical Features	[Exchange Ports includes all Applicable Features.]			UEPDD	UEPVF	\$0.00	\$0.00	\$0.00								
	<b>NOTE:</b> 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.																
	<b>NOTE:</b> Access to B Channel or D Channel Packet capabilities will be available only through BFR/New Business Request Process. Rates for the packet capabilities will be determined via the Bona Fide Request/New																
	Exchange Ports - 2-Wire ISDN Port -- Channel Profiles		*			U1UMA	\$0.00	\$0.00	\$0.00								
	Exchange Ports - 4-Wire ISDN DS1 Port	Exchange Ports - 4-Wire ISDN DS1 Port			UEPEX	UEPEX	\$75.04	\$148.66	\$147.18	\$38.46	\$36.98			\$40.69	\$42.17	\$9.07	\$10.54
	2-Wire VG Unbundled 2-Way PBX Trunk - Res	Exchange Ports - 2-Wire Analog Line Port (PBX)			UEPSE	UEPRD	\$1.79	\$9.93	\$9.19	\$3.66	\$2.92			\$20.35	\$10.54	\$13.32	\$1.40
	2-Wire VG Line Side Unbundled 2-Way PBX Trunk - Bus	Exchange Ports - 2-Wire Analog Line Port (PBX)			UEPSP	UEPPC	\$1.79	\$9.93	\$9.19	\$3.66	\$2.92			\$20.35	\$10.54	\$13.32	\$1.40
	2-Wire VG Line Side Unbundled Outward PBX Trunk - Bus	Exchange Ports - 2-Wire Analog Line Port (PBX)			UEPSP	UEPPO	\$1.79	\$9.93	\$9.19	\$3.66	\$2.92			\$20.35	\$10.54	\$13.32	\$1.40
	2-Wire VG Line Side Unbundled Incoming PBX Trunk - Bus	Exchange Ports - 2-Wire Analog Line Port (PBX)			UEPSP	UEPP1	\$1.79	\$9.93	\$9.19	\$3.66	\$2.92			\$20.35	\$10.54	\$13.32	\$1.40
	2-Wire Analog Long Distance Terminal PBX Trunk - Bus	Exchange Ports - 2-Wire Analog Line Port (PBX)			UEPSP	UEPLD	\$1.79	\$9.93	\$9.19	\$3.66	\$2.92			\$20.35	\$10.54	\$13.32	\$1.40
	2-Wire Analog TN 2-Way Calling Plan PBX Trunk - Bus	Exchange Ports - 2-Wire Analog Line Port (PBX)			UEPSP	UEPT2	\$1.79	\$9.93	\$9.19	\$3.66	\$2.92			\$20.35	\$10.54	\$13.32	\$1.40
	2-Wire TN Outward Calling Plan PBX Trunk - Bus	Exchange Ports - 2-Wire Analog Line Port (PBX)			UEPSP	UEPTO	\$1.79	\$9.93	\$9.19	\$3.66	\$2.92			\$20.35	\$10.54	\$13.32	\$1.40
	2-Wire Voice Unbundled PBX LD Terminal Ports	Exchange Ports - 2-Wire Analog Line Port (PBX)			UEPSP	UEPLD	\$1.79	\$9.93	\$9.19	\$3.66	\$2.92			\$20.35	\$10.54	\$13.32	\$1.40
	2-Wire Voice Unbundled 2-Way PBX Tennessee Calling Port	Exchange Ports - 2-Wire Analog Line Port (PBX)			UEPSP	UEPT2	\$1.79	\$9.93	\$9.19	\$3.66	\$2.92			\$20.35	\$10.54	\$13.32	\$1.40
	2-Wire Voice Unbundled 1-Way Outgoing PBX Tennessee Calling Port	Exchange Ports - 2-Wire Analog Line Port (PBX)			UEPSP	UEPTO	\$1.79	\$9.93	\$9.19	\$3.66	\$2.92			\$20.35	\$10.54	\$13.32	\$1.40
	2-Wire Vice Unbundled 2-Way PBX Usage Port	Exchange Ports - 2-Wire Analog Line Port (PBX)			UEPSP	UEPXA	\$1.79	\$9.93	\$9.19	\$3.66	\$2.92			\$20.35	\$10.54	\$13.32	\$1.40
	2-Wire Voice Unbundled PBX Toll Terminal Hotel Ports	Exchange Ports - 2-Wire Analog Line Port (PBX)			UEPSP	UEPXB	\$1.79	\$9.93	\$9.19	\$3.66	\$2.92			\$20.35	\$10.54	\$13.32	\$1.40
	2-Wire Voice Unbundled PBX LD DDD Terminals Port	Exchange Ports - 2-Wire Analog Line Port (PBX)			UEPSP	UEPXC	\$1.79	\$9.93	\$9.19	\$3.66	\$2.92			\$20.35	\$10.54	\$13.32	\$1.40

**Unbundled Network Elements  
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	UNBUNDLED NETWORK ELEMENT	UNBUNDLED NETEORK ELEMENT AS STATED IN DOCKET 97-01262	Not in TRA Docket 97- 01262	Zone	BCS	USOC	RATES					OSS RATES					
							Rec	First	Add'l	First	Add'l	Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l
												SOMECS	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN
	2-Wire Voice Unbundled PBX LD Terminal Switchboard Port	Exchange Ports - 2-Wire Analog Line Port (PBX)			UEPSP	UEPXD	\$1.79	\$9.93	\$9.19	\$3.66	\$2.92			\$20.35	\$10.54	\$13.32	\$1.40
	2-Wire Voice Unbundled PBX LD Terminal Switchboard IDD Capable Port	Exchange Ports - 2-Wire Analog Line Port (PBX)			UEPSP	UEPXE	\$1.79	\$9.93	\$9.19	\$3.66	\$2.92			\$20.35	\$10.54	\$13.32	\$1.40
	2-Wire Voice Unbundled 2-Way PBX Hotel/Hospital Economy Administrative Calling Port	Exchange Ports - 2-Wire Analog Line Port (PBX)			UEPSP	UEPXL	\$1.79	\$9.93	\$9.19	\$3.66	\$2.92			\$20.35	\$10.54	\$13.32	\$1.40
	2-Wire Voice Unbundled 2-Way PBX Hotel/Hospital Economy Room Calling Port	Exchange Ports - 2-Wire Analog Line Port (PBX)			UEPSP	UEPXM	\$1.79	\$9.93	\$9.19	\$3.66	\$2.92			\$20.35	\$10.54	\$13.32	\$1.40
	2-Wire Voice Unbundled 1-Way Outgoing PBX Hotel/Hospital Economy Admin Calling Port TN Calling Port	Exchange Ports - 2-Wire Analog Line Port (PBX)			UEPSP	UEPXN	\$1.79	\$9.93	\$9.19	\$3.66	\$2.92			\$20.35	\$10.54	\$13.32	\$1.40
	2-Wire Voice Unbundled 1-Way Outgoing PBX Hotel/Hospital Discount Room Calling Port	Exchange Ports - 2-Wire Analog Line Port (PBX)			UEPSP	UEPXO	\$1.79	\$9.93	\$9.19	\$3.66	\$2.92			\$20.35	\$10.54	\$13.32	\$1.40
	2-Wire Voice Unbundled 1-Way Outgoing PBX Measured Port	Exchange Ports - 2-Wire Analog Line Port (PBX)			UEPSP	UEPXS	\$1.79	\$9.93	\$9.19	\$3.66	\$2.92			\$20.35	\$10.54	\$13.32	\$1.40
	2-Wire Voice Unbundled PBX Collierville and Memphis Calling Port	Exchange Ports - 2-Wire Analog Line Port (PBX)			UEPSP	UEPXU	\$1.79	\$9.93	\$9.19	\$3.66	\$2.92			\$20.35	\$10.54	\$13.32	\$1.40
	2-Wire Voice Unbundled 2-Way PBX Tennessee RegionServ Calling Port	Exchange Ports - 2-Wire Analog Line Port (PBX)			UEPSP	UEPXV	\$1.79	\$9.93	\$9.19	\$3.66	\$2.92			\$20.35	\$10.54	\$13.32	\$1.40
	Subsequent Activity		*		UEPSP	USASC		\$10.00	\$10.00								
	All Available Vertical Features	[Exchange Ports includes all Applicable Features.]			UEPSP	UEPVF	\$0.00	\$0.00	\$0.00								
	Exchange Ports - Coin Port	Exchange Ports - Coin Port					\$2.11	\$9.93	\$9.19	\$3.66	\$2.92			\$20.35	\$10.54	\$13.32	\$1.40
	<b>UNBUNDLED LOCAL SWITCHING, PORT USAGE</b>																
	<b>End Office Switching (Port Usage)</b>																
	End Office Switching Function, Per MOU	End Office Switching Function					\$0.0008041										
	End Office Trunk Port - Shared, Per MOU	End Office Interoffice Trunk Port - Shared, per MOU															
	<b>Tandem Switching (Port Usage) (Local or Access Tandem)</b>																
	Tandem Switching Function Per MOU	Tandem Switching Function					\$0.0009778										
	Tandem Trunk Port - Shared, Per MOU	Tandem Interoffice Trunk Port - Shared, per MOU															
	<b>UNBUNDLED TRANSPORT</b>																
	<b>COMMON TRANSPORT (Shared)</b>																
	Common Transport - Per Mile, Per MOU	Common Transport - per mile, per MOU					\$0.0000064										
	Common Transport - Facilities Termination Per MOU	Common Transport - Facilities Termination per MOU					\$0.0003871										
	<b>INTEROFFICE CHANNEL - DEDICATED TRANSPORT - VOICE GRADE</b>																
	Interoffice Channel - Dedicated Transport - 2-Wire Voice Grade - Per Mile per month	Interoffice Transport - Dedicated - Voice Grade - per mile per MOU			U1TVX	1L5XX	\$0.0174										
	Interoffice Channel - Dedicated Transport- 2-Wire Voice Grade - Facility Termination per month	Interoffice Transport - Dedicated - 2-Wire Voice Grade - Facility Termination			U1TVX	U1TV2	\$18.58	\$55.39	\$17.37	\$27.96	\$3.51			\$20.35	\$21.09	\$9.80	\$10.54

**Unbundled Network Elements  
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	UNBUNDLED NETWORK ELEMENT	UNBUNDLED NETEORK ELEMENT AS STATED IN DOCKET 97-01262	Not in TRA Docket 97- 01262	Zone	BCS	USOC	RATES					OSS RATES					
												Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l
							Rec	First	Add'l	First	Add'l						
												SOMECH	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN
	Interoffice Channel - Dedicated Transport - 2-Wire Voice Grade Rev Bat. - Per Mile per month	Interoffice Transport - Dedicated - Voice Grade - per mile per MOU			U1TVX	1L5XX	\$0.0174										
	Interoffice Channel-Dedicated Transport- 2-Wire Voice Grade Rev Bat.-Facility Termination per month	Interoffice Transport - Dedicated - 2-Wire Voice Grade - Facility Termination			U1TVX	U1TR2	\$18.58	\$55.39	\$17.37	\$27.96	\$3.51			\$20.35	\$21.09	\$9.80	\$10.54
	<b>INTEROFFICE CHANNEL - DEDICATED TRANSPORT- 56/64 KBPS</b>																
	Interoffice Channel - Dedicated Transport - 56 kbps - per mile per month	Interoffice Transport - Dedicated - DSO - 56/64 kbps - per mile			U1TDX	1L5XX	\$0.0174										
	Interoffice Channel - Dedicated Transport - 56 kbps - Facility Termination per month	Interoffice Transport - Dedicated - DSO - 56/64 kbps - Facility Termination			U1TDX	U1TD5	\$17.98	\$55.39	\$17.37	\$27.96	\$3.51			\$20.35	\$21.09	\$9.80	\$10.54
	Interoffice Channel - Dedicated Transport - 64 kbps - per mile per month	Interoffice Transport - Dedicated - DSO - 56/64 kbps - per mile			U1TDX	1L5XX	\$0.0174										
	Interoffice Channel - Dedicated Transport - 64 kbps - Facility Termination per month	Interoffice Transport - Dedicated - DSO - 56/64 kbps - Facility Termination			U1TDX	U1TD6	\$17.98	\$55.39	\$17.37	\$27.96	\$3.51			\$20.35	\$21.09	\$9.80	\$10.54
	<b>INTEROFFICE CHANNEL - DEDICATED TRANSPORT - DS1</b>																
	Interoffice Channel - Dedicated Channel - DS1 - Per Mile per month	Interoffice Transport - Dedicated - DS1 - per mile			U1TD1	1L5XX	\$0.3562										
	Interoffice Channel - Dedicated Tranport - DS1 - Facility Termination per month	Interoffice Transport - Dedicated - DS1 - Facility Termination			U1TD1	U1TF1	\$77.86	\$112.40	\$76.27	\$19.55	\$14.99			\$20.35	\$21.09	\$9.80	\$10.54
	<b>LOCAL CHANNEL - DEDICATED TRANSPORT</b>																
	Local Channel - Dedicated - 2-Wire Voice Grade Per Mile per month		*		ULDVX	1L5NC	\$0.00										
	Local Channel - Dedicated - 2-Wire Voice Grade per month - Zone 1	Local Channel - Dedicated - 2-Wire Voice Grade [shown here deaveraged]		1	ULDVX	ULDV2	\$17.18	\$199.33	\$24.16	\$54.81	\$4.80			\$20.35	\$10.54	\$13.30	\$0.00
	Local Channel - Dedicated - 2-Wire Voice Grade per month - Zone 2	Local Channel - Dedicated - 2-Wire Voice Grade [shown here deaveraged]		2	ULDVX	ULDV2	\$22.44	\$199.33	\$24.16	\$54.81	\$4.80			\$20.35	\$10.54	\$13.30	\$0.00
	Local Channel - Dedicated - 2-Wire Voice Grade per month - Zone 3	Local Channel - Dedicated - 2-Wire Voice Grade [shown here deaveraged]		3	ULVDX	ULDV2	\$29.34	\$199.33	\$24.16	\$54.81	\$4.80			\$20.35	\$10.54	\$13.30	\$0.00
	Local Channel - Dedicated - 2-Wire Voice Grade Rev. Bat. Per Mile per month		*		ULDVX	1L5NC	\$0.00										
	Local Channel - Dedicated - 2-Wire Voice Grade Rev. Bat. Per month - Zone 1	Local Channel - Dedicated - 2-Wire Voice Grade [shown here deaveraged]		1	ULDVX	ULDR2	\$17.18	\$199.33	\$24.16	\$54.81	\$4.80			\$20.35	\$10.54	\$13.30	\$0.00
	Local Channel - Dedicated - 2-Wire Voice Grade Rev. Bat. Per Month - Zone 2	Local Channel - Dedicated - 2-Wire Voice Grade [shown here deaveraged]		2	ULDVX	ULDR2	\$22.44	\$199.33	\$24.16	\$54.81	\$4.80			\$20.35	\$10.54	\$13.30	\$0.00
	Local Channel - Dedicated - 2-Wire Voice Grade Rev. Bat. Per Month - Zone 3	Local Channel - Dedicated - 2-Wire Voice Grade [shown here deaveraged]		3	ULDVX	ULDR2	\$29.34	\$199.33	\$24.16	\$54.81	\$4.80			\$20.35	\$10.54	\$13.30	\$0.00
	Local Channel - Dedicated - 4-Wire Voice Grade Per Mile per month		*		ULDDX	1L5NC	\$0.00										
	Local Channel - Dedicated - 4-Wire Voice Grade per month - Zone 1	Local Channel - Dedicated - 4-Wire Voice Grade [shown here deaveraged]		1	ULDDX	ULDV4	\$18.18	\$201.53	\$24.83	\$55.52	\$5.51			\$20.35	\$10.54	\$13.30	\$0.00
	Local Channel - Dedicated - 4-Wire Voice Grade per month - Zone 2	Local Channel - Dedicated - 4-Wire Voice Grade [shown here deaveraged]		2	ULDDX	ULDV4	\$23.74	\$201.53	\$24.83	\$55.52	\$5.51			\$20.35	\$10.54	\$13.30	\$0.00

**Unbundled Network Elements  
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	UNBUNDLED NETWORK ELEMENT	UNBUNDLED NETEORK ELEMENT AS STATED IN DOCKET 97-01262	Not in TRA Docket 97-01262	Zone	BCS	USOC	RATES					OSS RATES					
							Rec	First	Add'l	First	Add'l	SOME C	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN
	Local Channel - Dedicated - 4-Wire Voice Grade per month - Zone 3	Local Channel - Dedicated - 4-Wire Voice Grade [shown here deaveraged]		3	ULDDX	ULDV4	\$31.05	\$201.53	\$24.83	\$55.52	\$5.51			\$20.35	\$10.54	\$13.30	\$0.00
	Local Channel - Dedicated - DS1 Per Mile per month		*		ULDD1	1L5NC	\$0.00										
	Local Channel - Dedicated - DS1 per month - Zone 1	Local Channel - Dedicated DS1 [shown here deaveraged]		1	ULDD1	ULDF1	\$36.24	\$277.35	\$233.26	\$33.18	\$22.30			\$45.68	\$1.76	\$21.75	\$1.76
	Local Channel - Dedicated - DS1 per month - Zone 2	Local Channel - Dedicated DS1 [shown here deaveraged]		2	ULDD1	ULDF1	\$47.33	\$277.35	\$233.26	\$33.18	\$22.30			\$45.68	\$1.76	\$21.75	\$1.76
	Local Channel - Dedicated - DS1 per month - Zone 3	Local Channel - Dedicated DS1 [shown here deaveraged]		3	ULDD1	ULDF1	\$61.89	\$277.35	\$233.26	\$33.18	\$22.30			\$45.68	\$1.76	\$21.75	\$1.76
<b>MULTIPLEXERS</b>																	
	Channelization - DS1 to DS0 Channel System	Channelization - Channel System DS1 to DSO			UXTD1	MQ1	\$80.77	\$141.87	\$77.11	\$14.51	\$13.46			\$20.35	\$9.80	\$11.49	\$1.18
	OCU-DP COCI (data) - DS1 to DS0 Channel System - per month (2.4-64kbs)	Interface Unit - Interface DS1 to DSO - OCU - DP Card			UDL	1D1DD	\$1.82	\$6.07	\$4.66					\$20.35	\$9.80	\$11.49	\$1.18
	2-wire ISDN COCI (BRITE) - DS1 to DS0 Channel Systsem - per month	Interface Unit - Interface DS1 to DSO - Brite Card			UDN	UC1CA	\$3.10	\$6.07	\$4.66					\$20.35	\$9.80	\$11.49	\$1.18
	Voice Grade COCI - DS1 to DS0 Channel System - per month	Interface Unit - Interface DS1 to DSO - Voice Grade Card			UEA	1D1VG	\$91	\$6.07	\$4.66					\$20.35	\$9.80	\$11.49	\$1.18
	DS3 to DS1 Channel System per month	Channelization - Channel System DS3 to DS1			UXTD3	MQ3	\$222.98	\$308.03	\$108.47	\$44.47	\$42.62			\$20.35	\$9.80	\$11.49	\$1.18
	STS1 to DS1 Channel System per month	Channelization - Channel System DS3 to DS1			UXTS1	MQ3	\$222.98	\$308.03	\$108.47	\$44.47	\$42.62			\$20.35	\$9.80	\$11.49	\$1.18
	DS3 Interface Unit (DS1 COCI) used with Loop per month	Interface Unit - Interface DS3 to DS1			USL	UC1D1	\$17.58	\$6.07	\$4.66					\$20.35	\$9.80	\$11.49	\$1.18
	DS3 Interface Unit (DS1 COCI) used with Local Channel per month	Interface Unit - Interface DS3 to DS1			ULDD1	UC1D1	\$17.58	\$6.07	\$4.66					\$20.35	\$9.80	\$11.49	\$1.18
	DS3 Interface Unit (DS1 COCI) used with Interoffice Channel per month	Interface Unit - Interface DS3 to DS1			U1TD1	UC1D1	\$17.58	\$6.07	\$4.66					\$20.35	\$9.80	\$11.49	\$1.18
<b>DARK FIBER</b>																	
	Dark Fiber, Four Fiber Strands, Per Route Mile or Fraction Thereof per month - Local Channel	Dark Fiber, per 4 fiber strands, per route mile or fraction thereof			UDF	1L5DC	\$53.23										
	NRC Dark Fiber - Local Channel	Dark Fiber, per 4 fiber strands, per route mile or fraction thereof			UDF	UDFC4		\$1,219.22	\$169.75	\$453.22	\$339.34						
	Dark Fiber, Four Fiber Strands, Per Route Mile or Fraction Thereof per month - Interoffice Channel	Dark Fiber, per 4 fiber strands, per route mile or fraction thereof			UDF	1L5DF	\$53.23										
	NRC Dark Fiber - Interoffice Channel	Dark Fiber, per 4 fiber strands, per route mile or fraction thereof			UDF	UDF14		\$1,219.22	\$169.75	\$453.22	\$339.34						
	Dark Fiber, Four Fiber Strands, Per Route Mile or Fraction Thereof per month - Local Loop	Dark Fiber, per 4 fiber strands, per route mile or fraction thereof			UDF	1L5DL	\$53.23										
	NRC Dark Fiber - Local Loop	Dark Fiber, per 4 fiber strands, per route mile or fraction thereof			UDF	UDFL4		\$1,219.22	\$169.75	\$453.22	\$339.34						
<b>8XX ACCESS TEN DIGIT SCREENING</b>																	
	8XX Access Ten Digit Screening, Per Call	800 Access Ten digit screening (800 ATDS) per call					\$0.0005192										
	8XX Access Ten Digit Screening, Reservation Charge Per 8XX Number Reserved	800 Access Ten digit screening Reservation Charge per 800 Number Reserved				N8R1X		\$5.21	\$0.76					\$20.35			

**Unbundled Network Elements  
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		UNBUNDLED NETWORK ELEMENT	UNBUNDLED NETEORK ELEMENT AS STATED IN DOCKET 97-01262	Not in TRA Docket 97- 01262	Zone	BCS	USOC	RATES					OSS RATES						
								Rec					Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l	
									Nonrecurring		Nonrecurring								
									Disconnect		Disconnect								
								Rec	First	Add'l	First	Add'l	SOME C	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN
		8XX Access Ten Digit Screening, Per 8XX No. Established W/O POTS Translations	800 Access Ten digit screening per 800 # established w/o POTS Translations							\$11.47	\$1.46	\$7.34	\$0.7602			\$20.35		\$13.28	
		8XX Access Ten Digit Screening, Per 8XX No. Established With POTS Translations	800 Access Ten digit screening per 800 # established with POTS Translations				N8FTX			\$11.47	\$1.46	\$7.34	\$0.7602			\$20.35		\$13.28	
		8XX Access Ten Digit Screening, Customized Area of Service Per 8XX Number	800 Access Ten digit screening Customized Area of Service per 800 Number				N8FCX			\$4.47	\$2.24								
		8XX Access Ten Digit Screening, Multiple InterLATA CXR Routing Per CXR Requested Per 8XX No.	800 ATDS, Multiple InterLATA CXR Routing per CXR Requested per 800 #				N8FMX			\$5.23	\$3.00								
		8XX Access Ten Digit Screening, Change Charge Per Request	800 Access Ten digit screening, Change Charge per Request				N8FAX			\$5.97	\$0.76				\$20.35				
		8XX Access Ten Digit Screening, Call Handling and Destination Features	800 Access Ten digit screening, Call Handling and Destination Features				N8FDX			\$4.47									
LINE INFORMATION DATA BASE ACCESS (LIDB)																			
		LIDB Common Transport Per Query	LIDB Common Transport per Query				OQT	\$0.0000354											
		LIDB Validation Per Query	LIDB Validation per Query				OQU	\$0.0117403											
		LIDB Originating Point Code Establishment or Change	LIDB Originating Point Code Establishment or Change							\$49.03					\$20.35				
SIGNALING (CCS7)																			
		CCS7 Signaling Termination, Per STP Port	CCS7 Signaling Termination per STP Port					\$138.41											
		CCS7 Signaling Usage, Per TCAP Message	CCS7 Signaling Usage per TCAP Message					\$0.0000916											
		CCS7 Signaling Connection, Per link (A link)	CCS7 Signaling Connection per 56 kbps facility					\$17.84	\$130.84						\$20.35				
		CCS7 Signaling Connection, Per link (B link) (also known as D link)	CCS7 Signaling Connection per 56 kbps facility					\$17.84	\$130.84						\$20.35				
		CCS7 Signaling Usage, Per ISUP Message	CCS7 Signaling Usage, per call setup message					\$0.0000373											
		CCS7 Signaling Usage Surrogate, per link per LATA	CCS7 Signaling Usage Surrogate, per 56 kbps facility per LATA per month					\$352.30							\$20.35				
SELECTIVE ROUTING																			
		Selective Routing Per Unique Line Class Code Per Request Per Switch	Selective Routing (Interim Solution Line Class Codes) per Unique Line Class Code per Request per Switch				USRCR		\$179.60						\$20.35				
AIN - BELL SOUTH AIN SMS ACCESS SERVICE																			
		AIN SMS Access Service - Service Establishment, Per State, Initial Setup	AIN SMS Access Service - Service Establishment, per State, Initial Setup				CAMSE		\$135.56										
		AIN SMS Access Service - Port Connection - Dial/Shared Access	AIN SMS Access Service - Port Connection - Dial/Shared Access				CAMDP		\$41.75										
		AIN SMS Access Service - Port Connection - ISDN Access	AIN SMS Access Service - Port Connection - ISDN Access				CAM1P		\$41.75										



**Unbundled Network Elements  
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	UNBUNDLED NETWORK ELEMENT	UNBUNDLED NETEORK ELEMENT AS STATED IN DOCKET 97-01262	Not in TRA Docket 97- 01262	Zone	BCS	USOC	RATES				OSS RATES					
											Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l
							Rec	First	Add'l	First	Add'l					
													SOMECH	SOMAN	SOMAN	SOMAN
	AIN SMS Access Service - User Identification Codes - Per User ID Code	AIN SMS Access Service - User Identification Codes - Per User ID Code				CAMAU		\$96.63								
	AIN SMS Access Service - Security Card, Per User ID Code, Initial or Replacement	AIN SMS Access Service - Security Card, per User ID Code, Initial or Replacement				CAMRC		\$113.67								
	AIN SMS Access Service - Storage, Per Unit (100 Kilobytes)	AIN SMS Access Service - Storage, per unit (100 kilobytes)					\$0.0024									
	AIN SMS Access Service - Session, Per Minute	AIN SMS Access Service - Session, per minute					\$0.0820123									
	AIN SMS Access Service - Company Performed Session, Per Minute	AIN SMS Access Service - company performed session, per minute					\$2.27									
<b>AIN - BELLSOUTH AIN TOOLKIT SERVICE</b>																
	AIN Toolkit Service - Service Establishment Charge, Per State, Initial Setup	AIN TS - Service Establishment Charge per State, Initial Setup				BAPSC		\$132.04								
	AIN Toolkit Service - Training Session, Per Customer	AIN TS - Training Session, per Customer				BAPVX		\$7,915								
	AIN Toolkit Service - Trigger Access Charge, Per Trigger, Per DN, Term. Attempt	AIN TS - Trigger Access Charge, per Trigger per DN, Term Attempt				BAPTT		\$31.21								
	AIN Toolkit Service - Trigger Access Charge, Per Trigger, Per DN, Off-Hook Delay	AIN TS - Trigger Access Charge, per Trigger per DN, Off Hook Delay				BAPTD		\$31.21								
	AIN Toolkit Service - Trigger Access Charge, Per Trigger, Per DN, Off-Hook Immediate	AIN TS - Trigger Access Charge, per Trigger per DN, Off Hook Immediate				BAPTM		\$31.21								
	AIN Toolkit Service - Trigger Access Charge, Per Trigger, Per DN, 10-Digit PODP	AIN TS - Trigger Access Charge, per Trigger per DN, 10-Digit PODP				BAPTO		\$85.24								
	AIN Toolkit Service - Trigger Access Charge, Per Trigger, Per DN, CDP	AIN TS - Trigger Access Charge, per Trigger per DN, CDP				BAPTC		\$85.24								
	AIN Toolkit Service - Trigger Access Charge, Per Trigger, Per DN, Feature Code	AIN TS - Trigger Access Charge, per Trigger per DN, Feature Code				BAPTF		\$85.24								
	AIN Toolkit Service - Query Charge, Per Query	AIN TS - Query Charge, Per Query					\$0.0211882									
	AIN Toolkit Service - Type 1 Node Charge, Per AIN Toolkit Subscription, Per Node, Per Query	AIN TS - Type 1 Node Charge, per AIN Toolkit subscription, per Node, per query					\$0.0054774									
	AIN Toolkit Service - SCP Storage Charge, Per SMS Access Account, Per 100 Kilobytes	AIN TS - SCP Storage charge, per SMS access account, per 100 kilobytes					\$1.50									
	AIN Toolkit Service - Monthly report - Per AIN Toolkit Service Subscription	AIN TS - Monthly Report - per AIN TS Subscription				BAPMS	\$17.43	\$33.52								
	AIN Toolkit Service - Special Study - Per AIN Toolkit Service Subscription	AIN TS - Special Study - per AIN TS Subscription				BAPLS	\$0.1321116	\$36.23								
	AIN Toolkit Service - Call Event Report - Per AIN Toolkit Service Subscription	AIN TS - Call Event Report - per AIN TS Subscription				BAPDS	\$17.35	\$33.52								
	AIN Toolkit Service - Call Event Special Study - Per AIN Toolkit Service Subscription	AIN TS - Call Event Special Study - per AIN TS Subscription				BAPES	\$0.0511435	\$36.23								
<b>ODUF/EDOUF/ADUF/CMDS</b>																

**Unbundled Network Elements  
TENNESSEE**

		UNBUNDLED NETWORK ELEMENT	UNBUNDLED NETEORK ELEMENT AS STATED IN DOCKET 97-01262	Not in TRA Docket 97- 01262	Zone	BCS	USOC	RATES					OSS RATES						
														Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l
												Nonrecurring							
												Disconnect							
										Nonrecurring									
Rec	First	Add'l	First	Add'l	SOMECD	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN								
	OPTIONAL DAILY USAGE FILE (ODUF)																		
		ODUF: Recording, per message	OSS OLEC Daily Usage File Recording per message					\$0.0000044											
		ODUF: Message Processing, per message	OSS OLEC Daily Usage File Message Distribution per message					\$0.0027366											
		ODUF: Message Processing, per Magnetic Tape provisioned	OSS OLEC Daily Usage File Message Distribution per magnetic tape provisioned					\$52.75											
		ODUF: Data Transmission (CONNECT:DIRECT), per message	OSS OLEC Daily Usage File Data Transmission (Connect: Direct), per message					\$0.0000339											
	UNBUNDLED PORT/LOOP COMBINATIONS - COST BASED RATES																		
		Cost Based Rates are applied where BellSouth is required by FCC and/or State Commission rule to provide Unbundled Local Switching or Switch Ports. BellSouth is required to offer unbundled port/loop combinations that are Currently Combined in Tennessee unless the end user has four or more DS0 equivalent lines and is in Zone 1 of																	
		In the absence of ordered rates by a State Commission, the recurring rates for combinations of port/loop 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.																	
		Vertical features shall apply to the Unbundled Port/Loop Combination - Cost Based Rate section in the same manner as they are applied to the Stand-Alone Unbundled Port section of this Rate Exhibit.																	
		End Office and Tandem Switching Usage and Common Transport Usage rates in the Port section of this rate exhibit shall apply to all combinations of loop/port network elements except for UNE Coin Port/Loop Combinations which have a flat rate usage charge (USOC: URECU).																	
		For Currently Combined Combos in TN, the nonrecurring charges shall be those identified in the Nonrecurring Charges - Currently Combined sections.																	
	2-WIRE VOICE GRADE LOOP WITH 2-WIRE LINE PORT (RES)																		
	UNE Port/Loop Combination Rates																		
		2-Wire VG Loop/Port Combo - Zone 1	2-Wire Voice Grade Loop with 2- Wire Line Port - Zone 1		1			\$14.18											
		2-Wire VG Loop/Port Combo - Zone 2	2-Wire Voice Grade Loop with 2- Wire Line Port - Zone 2		2			\$18.01											
		2-Wire VG Loop/Port Combo - Zone 3	2-Wire Voice Grade Loop with 2- Wire Line Port - Zone 3		3			\$23.02											

**Unbundled Network Elements  
TENNESSEE**

	UNBUNDLED NETWORK ELEMENT	UNBUNDLED NETEORK ELEMENT AS STATED IN DOCKET 97-01262	Not in TRA Docket 97- 01262	Zone	BCS	USOC	RATES				OSS RATES						
							Rec					Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l
								First	Add'l	First	Add'l						
										SOMECH	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN		
	UNE Loop Rates																
	2-Wire Voice Grade Loop (SL1) - Zone 1		**	1	UEPRX	UEPLX	\$12.29										
	2-Wire Voice Grade Loop (SL1) - Zone 2		**	2	UEPRX	UEPLX	\$16.12										
	2-Wire Voice Grade Loop (SL1) - Zone 3		**	3	UEPRX	UEPLX	\$21.13										
	2-Wire Voice Grade Line Port Rates (Res)																
	2-Wire voice unbundled port - residence		**		UEPRX	UEPRL	\$1.89										
	2-Wire voice unbundled port with Caller ID - res		**		UEPRX	UEPRC	\$1.89										
	2-Wire voice unbundled port outgoing only - res		**		UEPRX	UEPRO	\$1.89										
	2-Wire voice Grade unbundled Tennessee extended local dialing parity port with Caller ID - res		**		UEPRX	UEPAQ	\$1.89										
	2-Wire voice unbundled Tennessee Area Calling port with Caller ID - res (F2R)		**		UEPRX	UEPAK	\$1.89										
	2-Wire voice unbundled Tennessee Area Calling port with Caller ID - res (TACER)		**		UEPRX	UEPAL	\$1.89										
	2-Wire voice unbundled Tennessee Area Calling port with Caller ID - res (TACSR)		**		UEPRX	UEPAM	\$1.89										
	2-Wire voice unbundled Tennessee Area Calling port with Caller ID - res (1MF2X)		**		UEPRX	UEPAN	\$1.89										
	2-Wire voice unbundled Tennessee Area Calling port with Caller ID - res (2MR)		**		UEPRX	UEPAO	\$1.89										
	2-Wire voice unbundles res, low usage line port with Caller ID (LUM)		**		UEPRX	UEPAP	\$1.89										
	FEATURES																
	All Available Vertical Features	[Exchange Ports includes all Applicable Features.]	**		UEPRX	UEPVF	\$0.00	\$0.00	\$0.00								
	LOCAL NUMBER PORTABILITY																
	Local Number Portability (1 per port)		**		UEPRX	LNPCX	\$0.35										
	NONRECURRING CHARGES (NRCs) - CURRENTLY COMBINED																
	2-Wire Voice Grade Loop / Line Port Combination - Conversion - Switch-as-is	2-Wire Voice Grade Loop/Line Port Combo - Switch-as-is			UEPRX	USAC2		\$1.03	\$0.29				\$30.89	\$7.03			
	2-Wire Voice Grade Loop / Line Port Combination - Conversion - Switch with change		*		UEPRX	USACC		\$1.03	\$0.29				\$30.89	\$7.03			
	2-Wire Voice Grade Loop / Line Port Combination - Conversion - Subsequent Database Update	2-Wire Voice Grade Loop/Line Port Combo - Subsequent Database Update						\$0.76					\$7.97				
	ADDITIONAL NRCs																
	2-Wire Voice Grade Loop/Line Port Combination - Subsequent Activity		**		UEPRX	USAS2		\$10.00	\$10.00								
	2-WIRE VOICE GRADE LOOP WITH 2-WIRE LINE PORT (BUS)																
	UNE Port/Loop Combination Rates																
	2-Wire VG Loop/Port Combo - Zone 1	2-Wire Voice Grade Loop with 2-Wire Line Port - Zone 1		1			\$14.18										
	2-Wire VG Loop/Port Combo - Zone 2	2-Wire Voice Grade Loop with 2-Wire Line Port - Zone 2		2			\$18.01										

**Unbundled Network Elements  
TENNESSEE**

		UNBUNDLED NETWORK ELEMENT	UNBUNDLED NETEORK ELEMENT AS STATED IN DOCKET 97-01262	Not in TRA Docket 97- 01262	Zone	BCS	USOC	RATES				OSS RATES						
								Rec	Nonrecurring		Disconnect		Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l
									First	Add'l	First	Add'l						
		2-Wire VG Loop/Port Combo - Zone 3	2-Wire Voice Grade Loop with 2-Wire Line Port - Zone 3		3			\$23.02										
		UNE Loop Rates																
		2-Wire Voice Grade Loop (SL1) - Zone 1	**	1	UEPBX	UEPLX	\$12.29											
		2-Wire Voice Grade Loop (SL1) - Zone 2	**	2	UEPBX	UEPLX	\$16.12											
		2-Wire Voice Grade Loop (SL1) - Zone 3	**	3	UEPBX	UEPLX	\$21.13											
		2-Wire Voice Grade Line Port (Bus)																
		2-Wire voice unbundled port without Caller ID - bus	**		UEPBX	UEPBL	\$1.89											
		2-Wire voice unbundled port with Caller + E484 ID - bus	**		UEPBX	UEPBC	\$1.89											
		2-Wire voice unbundled port outgoing only - bus	**		UEPBX	UEPBO	\$1.89											
		2-Wire voice Grade unbundled Tennessee extended local dialing parity port with Caller ID - bus	**		UEPBX	UEPAV	\$1.89											
		2-Wire voice unbundled incoming only port with Caller ID - Bus	**		UEPBX	UPEB1	\$1.89											
		2-Wire voice unbundled Tennessee Bus 2-Way Area Calling Port Economy Option (TACC1)	**		UEPBX	UEPAC	\$1.89											
		2-Wire voice unbundled Tennessee Bus 2-Way Area Calling Port Standard Option (TACC2)	**		UEPBX	UEPAD	\$1.89											
		2-Wire voice unbundled Tennessee Bus 2-Way Collierville and Memphis Local Calling Port (B2F)	**		UEPBX	UEPAE	\$1.89											
		LOCAL NUMBER PORTABILITY																
		Local Number Portability (1 per port)	**		UEPBX	LNPCX	\$0.35											
		FEATURES																
		All Available Vertical Features	[Exchange Ports includes all Applicable Features.]	**		UEPBX	UEPVF	\$0.00	\$0.00	\$0.00								
		NONRECURRING CHARGES (NRCs) - CURRENTLY COMBINED																
		2-Wire Voice Grade Loop / Line Port Combination - Conversion - Switch-as-is	2-Wire Voice Grade Loop/Line Port Combo - Switch-as-is			UEPBX	USAC2		\$1.03	\$0.29			\$30.89	\$7.03				
		2-Wire Voice Grade Loop / Line Port Combination - Conversion - Switch with change		*		UEPBX	USACC		\$1.03	\$0.29			\$30.89	\$7.03				
		2-Wire Voice Grade Loop / Line Port Combination - Conversion - Subsequent Database Update	2-Wire Voice Grade Loop/Line Port Combo - Subsequent Database Update						\$0.76				\$7.97					
		ADDITIONAL NRCs																
		2-Wire Voice Grade Loop/Line Port Combination - Subsequent Activity		**		UEPBX	USAS2		\$10.00	\$10.00								
		2-WIRE VOICE GRADE LOOP WITH 2-WIRE LINE PORT (RES - PBX)																
		UNE Port/Loop Combination Rates																

**Unbundled Network Elements  
TENNESSEE**

		UNBUNDLED NETWORK ELEMENT	UNBUNDLED NETEORK ELEMENT AS STATED IN DOCKET 97-01262	Not in TRA Docket 97- 01262	Zone	BCS	USOC	RATES				OSS RATES						
								Rec					Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l
									Nonrecurring		Nonrecurring							
									Disconnect		Disconnect							
								First	Add'l	First	Add'l	SOMECE	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN	
		2-Wire VG Loop/Port Combo - Zone 1	2-Wire Voice Grade Loop with 2-Wire Line Port - Zone 1		1			\$14.18										
		2-Wire VG Loop/Port Combo - Zone 2	2-Wire Voice Grade Loop with 2-Wire Line Port - Zone 2		2			\$18.01										
		2-Wire VG Loop/Port Combo - Zone 3	2-Wire Voice Grade Loop with 2-Wire Line Port - Zone 3		3			\$23.02										
		UNE Loop Rates																
		2-Wire Voice Grade Loop (SL 1) - Zone 1		**	1	UEPRG	UEPLX	\$12.39										
		2-Wire Voice Grade Loop (SL 1) - Zone 2		**	2	UEPRG	UEPLX	\$16.22										
		2-Wire Voice Grade Loop (SL 1) - Zone 3		**	3	UEPRG	UEPLX	\$21.23										
		2-Wire Voice Grade Line Port Rates (RES - PBX)																
		2-Wire VG Unbundled Combination 2-Way PBX Trunk Port - Res		**		UEPRG	UEPRD	\$1.79										
		LOCAL NUMBER PORTABILITY																
		Local Number Portability (1 per port)		**		UEPRG	LNPCP	\$3.15										
		FEATURES																
		All Available Vertical Features	[Exchange Ports includes all Applicable Features.]	**		UEPRG	UEPVF	\$0.00	\$0.00	\$0.00								
		NONRECURRING CHARGES (NRCs) - CURRENTLY COMBINED																
		2-Wire Voice Grade Loop/ Line Port Combination (PBX) - Conversion - Switch-As-Is	2-Wire Voice Grade Loop/Line Port Combo - Switch-as-is			UEPRG	USAC2		\$1.03	\$0.29				\$30.89	\$7.03			
		2-Wire Voice Grade Loop/ Line Port Combination (PBX) - Conversion - Switch with Change		*		UEPRG	USACC		\$1.03	\$0.29				\$30.89	\$7.03			
		2-Wire Voice Grade Loop / Line Port Combination - Conversion - Subsequent Database Update	2-Wire Voice Grade Loop/Line Port Combo - Subsequent Database Update						\$0.76					\$7.97				
		ADDITIONAL NRCs																
		2-Wire Voice Grade Loop/ Line Port Combination (PBX) - Subsequent Activity		**		UEPRG	USAS2		\$10.00	\$10.00				\$30.89	\$7.03			
		2-WIRE VOICE GRADE LOOP WITH 2-WIRE LINE PORT (BUS - PBX)																
		UNE Port/Loop Combination Rates																
		2-Wire VG Loop/Port Combo - Zone 1	2-Wire Voice Grade Loop with 2-Wire Line Port - Zone 1		1			\$14.18										
		2-Wire VG Loop/Port Combo - Zone 2	2-Wire Voice Grade Loop with 2-Wire Line Port - Zone 2		2			\$18.01										
		2-Wire VG Loop/Port Combo - Zone 3	2-Wire Voice Grade Loop with 2-Wire Line Port - Zone 3		3			\$23.02										
		UNE Loop Rates																
		2-Wire Voice Grade Loop (SL 1) - Zone 1		**	1	UEPPX	UEPLX	\$12.39										
		2-Wire Voice Grade Loop (SL 1) - Zone 2		**	2	UEPPX	UEPLX	\$16.22										
		2-Wire Voice Grade Loop (SL 1) - Zone 3		**	3	UEPPX	UEPLX	\$21.23										
		2-Wire Voice Grade Line Port Rates (BUS - PBX)																

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	UNBUNDLED NETWORK ELEMENT	UNBUNDLED NETEORK ELEMENT AS STATED IN DOCKET 97-01262	Not in TRA Docket 97- 01262	Zone	BCS	USOC	RATES				OSS RATES						
							Rec					Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l
								Nonrecurring		Disconnect							
							First	Add'l	First	Add'l							
	Line Side Unbundled Combination 2-Way PBX Trunk Port - Bus		**		UEPPX	UEPPC	\$1.79										
	Line Side Unbundled Outward PBX Trunk Port - Bus		**		UEPPX	UEPPO	\$1.79										
	Line Side Unbundled Incoming PBX Trunk Port - Bus		**		UEPPX	UEPP1	\$1.79										
	2-Wire Voice Unbundled PBX LD Terminal Ports		**		UEPPX	UEPLD	\$1.79										
	2-Wire Voice Unbundled 2-Way Combination PBX Tennessee Calling Port		**		UEPPX	UEPT2	\$1.79										
	2-Wire Voice Unbundled 1-Way Outgoing PBX Tennessee Calling Port		**		UEPPX	UEPTO	\$1.79										
	2-Wire Voice Unbundled 2-Way Combination PBX Usage Port		**		UEPPX	UEPXA	\$1.79										
	2-Wire Voice Unbundled PBX Toll Terminal Hotel Ports		**		UEPPX	UEPXB	\$1.79										
	2-Wire Voice Unbundled PBX LD DDD Terminals Port		**		UEPPX	UEPXC	\$1.79										
	2-Wire Voice Unbundled PBX LD Terminal Switchboard Port		**		UEPPX	UEPXD	\$1.79										
	2-Wire Voice Unbundled PBX LD Terminal Switchboard IDD Capable Port		**		UEPPX	UEPXE	\$1.79										
	2-Wire Voice Unbundled 2-Way PBX Hotel/Hospital Economy Administrative Calling Port		**		UEPPX	UEPXL	\$1.79										
	2-Wire Voice Unbundled 2-Way PBX Hotel/Hospital Economy Room Calling Port		**		UEPPX	UEPXM	\$1.79										
	2-Wire Voice Unbundled 1-Way Outgoing PBX Hotel/Hospital Economy Admin Calling Port TN Calling Port		**		UEPPX	UEPXN	\$1.79										
	2-Wire Voice Unbundled 1-Way Outgoing PBX Hotel/Hospital Discount Room Calling Port		**		UEPPX	UEPXO	\$1.79										
	2-Wire Voice Unbundled 1-Way Outgoing PBX Measured Port		**		UEPPX	UEPXS	\$1.79										
	2-Wire Voice Unbundled PBX Collierville and Memphis Calling Port		**		UEPPX	UEPXU	\$1.79										
	2-Wire Voice Unbundled 2-Way PBX Tennessee RegionServ Calling Port		**		UEPPX	UEPXV	\$1.79										
	LOCAL NUMBER PORTABILITY																
	Local Number Portability (1 per port)		**		UEPPX	LNPCP	\$3.15										
	FEATURES																
	All Available Vertical Features	[Exchange Ports includes all Applicable Features.]	**		UEPPX	UEPVF	\$0.00	\$0.00	\$0.00								
	NONRECURRING CHARGES (NRCs) - CURRENTLY COMBINED																
	2-Wire Voice Grade Loop/ Line Port Combination (PBX) - Conversion - Switch-As-Is	2-Wire Voice Grade Loop/Line Port Combo - Switch-as-is			UEPPX	USAC2		\$1.03	\$0.29				\$30.89	\$7.03			
	2-Wire Voice Grade Loop/ Line Port Combination (PBX) - Conversion - Switch with Change		*		UEPPX	USACC		\$1.03	\$0.29				\$30.89	\$7.03			

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	UNBUNDLED NETWORK ELEMENT	UNBUNDLED NETEORK ELEMENT AS STATED IN DOCKET 97-01262	Not in TRA Docket 97- 01262	Zone	BCS	USOC	RATES				OSS RATES						
							Rec					Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l
								Nonrecurring		Nonrecurring							
								Disconnect		Disconnect							
							First	Add'l	First	Add'l	SOME C	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN	
	2-Wire Voice Grade Loop / Line Port Combination - Conversion - Subsequent Database Update	2-Wire Voice Grade Loop/Line Port Combo - Subsequent Database Update						\$0.76						\$7.97			
	ADDITIONAL NRCs																
	2-Wire Voice Grade Loop/ Line Port Combination (PBX) - Subsequent Activity		**		UEPPX	USAS2		\$10.00	\$10.00					\$30.89	\$7.03		
	2-WIRE VOICE GRADE LOOP- BUS ONLY - WITH 2-WIRE DID TRUNK PORT																
	UNE Port/Loop Combination Rates																
	2-Wire VG Loop/2-Wire DID Trunk Port Combo - Zone 1	2-Wire Voice Grade Loop with 2- Wire DID Trunk Port - Zone 1		1			\$18.38										
	2-Wire VG Loop/2-Wire DID Trunk Port Combo - Zone 2	2-Wire Voice Grade Loop with 2- Wire DID Trunk Port - Zone 2		2			\$19.87										
	2-Wire VG Loop/2-Wire DID Trunk Port Combo - Zone 3	2-Wire Voice Grade Loop with 2- Wire DID Trunk Port - Zone 3		3			\$25.52										
	NONRECURRING CHARGES - CURRENTLY COMBINED																
	2-Wire Voice Grade Loop / 2-Wire DID Trunk Port Combination - Switch-as-is	2-Wire Voice Grade Loop with 2- Wire DID Trunk Port Combo - Switch-as-is			UEPPX	USAC1		\$8.76	\$5.75					\$41.43	\$9.80		
	2-Wire Voice Grade Loop / 2-Wire DID Trunk Port Combination Conversion with Changes		*		UEPPX	USA1C		\$8.76	\$5.75		\$3.50			\$41.43	\$9.80	\$20.00 \$20.00	
	Telephone Number/Trunk Group Establishment Charges																
	DID Trunk Termination (One Per Port)		**		UEPPX	NDT	\$0.00	\$0.00	\$0.00		\$3.50			\$41.43	\$9.80	\$20.00 \$20.00	
	DID Numbers, Establish Trunk Group and Provide First Group of 20 DID Numbers		**		UEPPX	NDZ	\$0.00	\$0.00	\$0.00		\$3.50			\$41.43	\$9.80	\$20.00 \$20.00	
	Additional DID Numbers for each Group of 20 DID Numbers		**		UEPPX	ND4	\$0.00	\$0.00	\$0.00		\$3.50			\$41.43	\$9.80	\$20.00 \$20.00	
	DID Numbers, Non- consecutive DID Numbers , Per Number		**		UEPPX	ND5	\$0.00	\$0.00	\$0.00		\$3.50			\$41.43	\$9.80	\$20.00 \$20.00	
	LOCAL NUMBER PORTABILITY																
	Local Number Portability (1 per port)		**		UEPPX	LNPCP	\$3.15	\$0.00	\$0.00								
	2-WIRE ISDN DIGITAL GRADE LOOP WITH 2-WIRE ISDN DIGITAL LINE SIDE PORT																
	UNE Port/Loop Combination Rates																
	2W ISDN Digital Grade Loop/2W ISDN Digital Line Side Port - Zone 1	2-Wire ISDN Digital Grade Loop with 2-Wire ISDN Digital Line Side Port - Zone 1		1			\$32.27							\$19.99	\$19.99	\$20.00 \$20.00	
	2W ISDN Digital Grade Loop/2W ISDN Digital Line Side Port - Zone 2	2-Wire ISDN Digital Grade Loop with 2-Wire ISDN Digital Line Side Port - Zone 2		2			\$34.78							\$19.99	\$19.99	\$20.00 \$20.00	
	2W ISDN Digital Grade Loop/2W ISDN Digital Line Side Port - Zone 3	2-Wire ISDN Digital Grade Loop with 2-Wire ISDN Digital Line Side Port - Zone 3		3			\$44.32							\$19.99	\$19.99	\$20.00 \$20.00	
	NONRECURRING CHARGES - CURRENTLY COMBINED																

**Unbundled Network Elements  
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	UNBUNDLED NETWORK ELEMENT	UNBUNDLED NETEORK ELEMENT AS STATED IN DOCKET 97-01262	Not in TRA Docket 97- 01262	Zone	BCS	USOC	RATES				OSS RATES						
							Rec	Nonrecurring		Nonrecurring		Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l
								First	Add'l	First	Add'l						
	2-Wire ISDN Digital Grade Loop / 2-Wire ISDN Line Side Port Combination - Conversion	2-Wire ISDN Digital Grade Loop 2-Wire ISDN Line Side Port Combo - Switch-as-is			UEPPB	USACB		\$117.23	\$117.23			\$3.50		\$19.99	\$19.99	\$20.00	\$20.00
	ADDITIONAL NRCs																
	2-Wire ISDN Digital Grade Loop / 2-Wire ISDN Line Side Port Combination-Non Feature Subs Activity	2-Wire ISDN Digital Grade Loop 2-Wire ISDN Line Side Port Combo - Non Feature Subsequent Activity			UEPPB	USASB		\$212.88				\$3.50		\$19.99	\$19.99	\$20.00	\$20.00
	LOCAL NUMBER PORTABILITY																
	Local Number Portability (1 per port)		**		UEPPR	LNPCX	\$0.35	\$0.00	\$0.00								
	B-CHANNEL USER PROFILE ACCESS:																
	CVS/CSD (DMS/5ESS)		**		UEPPB	U1UCA	\$0.00	\$0.00	\$0.00								
	CVS (EWSD)		**		UEPPB	U1UCB	\$0.00	\$0.00	\$0.00								
	CSD		**		UEPPB	U1UCC	\$0.00	\$0.00	\$0.00								
	B-CHANNEL AREA PLUS USER PROFILE ACCESS: (AL,KY,LA,MS SC,MS, & TN)																
	CVS/CSD (DMS/5ESS)		**		UEPPB	U1UCD	\$0.00	\$0.00	\$0.00								
	CVS (EWSD)		**		UEPPB	U1UCE	\$0.00	\$0.00	\$0.00								
	CSD		**		UEPPB	U1UCF	\$0.00	\$0.00	\$0.00								
	USER TERMINAL SERVICE PROFILE (EWSD		**		UEPPB	U1UMA	\$0.00	\$0.00	\$0.00								
	VERTICAL FEATURES																
	One per Channel B User Profile		**		UEPPB	UEPVF	\$0.00	\$0.00	\$0.00								
	4-WIRE DS1 DIGITAL LOOP WITH 4-WIRE ISDN DS1 DIGITAL TRUNK PORT																
	UNE Port/Loop Combination Rates																
	4W DS1 Digital Loop/4W ISDN DS1 Digital Trunk Port - Zone 1	4-Wire DS1 Digital Loop with 4- Wire ISDN DS1 Digital Trunk Port - Zone 1		1			\$132.58						\$19.99	\$19.99	\$20.00	\$20.00	
	4W DS1 Digital Loop/4W ISDN DS1 Digital Trunk Port - Zone 2	4-Wire DS1 Digital Loop with 4- Wire ISDN DS1 Digital Trunk Port - Zone 2		2			\$150.25						\$19.99	\$19.99	\$20.00	\$20.00	
	4W DS1 Digital Loop/4W ISDN DS1 Digital Trunk Port - Zone 3	4-Wire DS1 Digital Loop with 4- Wire ISDN DS1 Digital Trunk Port - Zone 3		3			\$173.44						\$19.99	\$19.99	\$20.00	\$20.00	
	NONRECURRING CHARGES - CURRENTLY COMBINED																
	4-Wire DS1 Digital Loop / 4-Wire ISDN DS1 Digital Trunk Port Combination - Conversion-Switch-as-is	4-Wire DS1 Digital Loop with 4- Wire ISDN DS1 Digital Trunk Port Combo - Switch-as-is			UEPPP	USACP		\$328.53	\$328.53				\$19.99	\$19.99	\$20.00	\$20.00	
	ADDITIONAL NRCs																
	4-Wire DS1 Dig Loop / 4-Wire ISDN DS1 Dig Trunk Port Combination-Sub Channel Activation-Per Channel	4-Wire DS1 Digital Loop with 4- Wire ISDN DS1 Digital Trunk Port Combo - Subsequent Channel Activation - Per Channel			UEPPP	USASP		\$28.39					\$19.99	\$19.99	\$20.00	\$20.00	



**Unbundled Network Elements  
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		UNBUNDLED NETWORK ELEMENT	UNBUNDLED NETEORK ELEMENT AS STATED IN DOCKET 97-01262	Not in TRA Docket 97- 01262	Zone	BCS	USOC	RATES					OSS RATES					
								Rec					Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l
									Nonrecurring		Disconnect							
		4-Wire DS1 Dig Loop / 4-Wire ISDN DS1 Dig Trunk Port Combination-Sub Inward/2-Way Telephone Numbers	4-Wire DS1 Digital Loop with 4-Wire ISDN DS1 Digital Trunk Port Combo - Subsequent Inward/2-way Telephone Numbers			UEPPP	PR7TG		\$0.94					\$19.99	\$19.99	\$20.00	\$20.00	
		4-Wire DS1 Dig Loop / 4-Wire ISDN DS1 Dig Trunk Port Combination-Sub Outward Telephone Numbers	4-Wire DS1 Digital Loop with 4-Wire ISDN DS1 Digital Trunk Port Combo - Subsequent Outward Telephone Numbers			UEPPP	PR7TP		\$22.36					\$19.99	\$19.99	\$20.00	\$20.00	
		4-Wire DS1 Dig Loop / 4-Wire ISDN DS1 Dig Trunk Port Combination-Subsequent Inward Telephone Numbers	4-Wire DS1 Digital Loop with 4-Wire ISDN DS1 Digital Trunk Port Combo - Subsequent Inward Telephone Numbers			UEPPP	PR7ZT		\$44.71					\$19.99	\$19.99	\$20.00	\$20.00	
		4-Wire DS1 Dig Loop / 4-Wire ISDN DS1 Dig Trunk Port Combination-Subsequent Service Order Per Order	4-Wire DS1 Digital Loop with 4-Wire ISDN DS1 Digital Trunk Port Combo - Subsequent Service Order Per Order			UEPPP	USASP		\$189.76					\$19.99	\$19.99	\$20.00	\$20.00	
		LOCAL NUMBER PORTABILITY																
		Local Number Portability (1 per port)		**		UEPPP	LNPCN	\$1.75										
		INTERFACE (Provsioning Only)																
		Voice/Data		**		UEPPP	PR71V	\$0.00										
		Digital Data		**		UEPPP	PR71D	\$0.00										
		Inward Data		**		UEPPP	PR71E	\$0.00										
		CALL TYPES																
		Inward		**		UEPPP	PR7C1	\$0.00										
		Outward		**		UEPPP	PR7C0	\$0.00										
		Two-way		**		UEPPP	PR7CC	\$0.00										
		4-WIRE DS1 DIGITAL LOOP WITH 4-WIRE DDITS TRUNK PORT																
		UNE Port/Loop Combination Rates																
		4W DS1 Digital Loop/4W DDITS Trunk Port - Zone 1	4-Wire DS1 Digital Loop With 4-Wire DID Trunk Port - Zone 1		1			\$93.28										
		4W DS1 Digital Loop/4W DDITS Trunk Port - Zone 2	4-Wire DS1 Digital Loop With 4-Wire DID Trunk Port - Zone 2		2			\$110.95										
		4W DS1 Digital Loop/4W DDITS Trunk Port - Zone 3	4-Wire DS1 Digital Loop With 4-Wire DID Trunk Port - Zone 3		3			\$134.14										
		NONRECURRING CHARGES - CURRENTLY COMBINED																
		4-Wire DS1 Digital Loop / 4-Wire DDITS Trunk Port Combination - Switch-as-is	4-Wire DS1 Digital Loop/4-Wire DID Trunk Port Combo - Switch-as-is			UEPDC	USAC4		\$312.91	\$312.91		\$3.50		\$19.99	\$19.99	\$20.00	\$20.00	
		4-Wire DS1 Digital Loop / 4-Wire DDITS Trunk Port Combination - Conversion with DS1 Changes		*		UEPDC	USAW A		\$312.91	\$312.91		\$3.50		\$19.99	\$19.99	\$20.00	\$20.00	
		4-Wire DS1 Digital Loop / 4-Wire DDITS Trunk Port Combination - Conversion with Change - Trunk	4-Wire DS1 Digital Loop/4-Wire DID Trunk Port Combo - Switch-as-is			UEPDC	USAW B		\$312.91	\$312.91		\$3.50		\$19.99	\$19.99	\$20.00	\$20.00	
		ADDITIONAL NRCs																

**Unbundled Network Elements  
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		UNBUNDLED NETWORK ELEMENT	UNBUNDLED NETEORK ELEMENT AS STATED IN DOCKET 97-01262	Not in TRA Docket 97-01262	Zone	BCS	USOC	RATES					OSS RATES					
								Rec					Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l
									First	Add'l	First	Add'l						
		4-Wire DS1 Dig Loop / 4-Wire DDITS Trunk Port Combination-Subsequent Service Activity Per Svc Order	4-Wire DS1 Digital Loop 4-Wire DID Trunk Port Combo - Subsequent Service Order Per Order			UEPDC	USAS4		\$94.88	\$94.88			\$3.50		\$19.99	\$19.99	\$20.00	\$20.00
		4-Wire DS1 Dig Loop/4-Wire DDITS Trk Port Combination-NRC-Sub Channel Activation-Per Chanl-2-Way Trk	4-Wire DS1 Digital Loop/4-Wire DID Trunk Port Combo - Subsequent Channel Activation Per Channel			UEPDC	UDTTA		\$108.67				\$3.50		\$19.99	\$19.99	\$20.00	\$20.00
		4-Wire DS1 Dig Loop/4-Wire DDITS Trk Port Combo-Sub Channel Activation-Per Chanl-1-Way Outward Trk	4-Wire DS1 Digital Loop/4-Wire DID Trunk Port Combo - Subsequent Channel Activation Per Channel			UEPDC	UDTTB		\$108.67				\$3.50		\$19.99	\$19.99	\$20.00	\$20.00
		4-Wire DS1 Dig Loop/4-Wire DDITS Trk Port Combo-Sub Chan Activation-Per Chan-1-Way Inwrd Trk w/o DID	4-Wire DS1 Digital Loop/4-Wire DID Trunk Port Combo - Subsequent Channel Activation Per Channel			UEPDC	UDTTC		\$108.67				\$3.50		\$19.99	\$19.99	\$20.00	\$20.00
		4-Wire DS1 Dig Loop/4-Wire DDITS Trk Port Combo-Sub Chan Activation-Per Chan-1-Way Inwd Trk with DID	4-Wire DS1 Digital Loop/4-Wire DID Trunk Port Combo - Subsequent Channel Activation Per Channel			UEPDC	UDTTD		\$108.67				\$3.50		\$19.99	\$19.99	\$20.00	\$20.00
		4-Wire DS1 Dig Loop/4-Wire DDITS Trk Port Combo-Sub Chan Activ'n-Per Chan-2-Way DID with User Trans	4-Wire DS1 Digital Loop/4-Wire DID Trunk Port Combo - Subsequent Channel Activation Per Channel			UEPDC	UDTTE		\$108.67				\$3.50		\$19.99	\$19.99	\$20.00	\$20.00
		4-Wire DS1 Digital Loop / 4-Wire DDITS Trunk Port Combination - Subsequent Signaling Changes	4-Wire DS1 Digital Loop 4-Wire DID Trunk Port Combo - Subsequent Signaling Changes			UEPDC			\$22.92				\$3.50		\$19.99	\$19.99	\$20.00	\$20.00
		4-Wire DS1 Digital Loop / 4-Wire DDITS Trunk Port Combination - Subsequent Service Order Per Order	4-Wire DS1 Digital Loop 4-Wire DID Trunk Port Combo - Subsequent Service Order Per Order			UEPDC	USAS4		\$94.88	\$94.88			\$3.50		\$19.99	\$19.99	\$20.00	\$20.00
		4-Wire DS1 Dig Loop/4-Wire ISDN DS1 Digital Trunk Port Combination - Subsequent Telephone Numbers	4-Wire DS1 Digital Loop 4-Wire DID Trunk Port Combo - Subsequent Telephone Numbers			UEPDC			\$88.68				\$3.50		\$19.99	\$19.99	\$20.00	\$20.00
		BIPOLAR 8 ZERO SUBSTITUTION																
		Superframe Format - Conversion or New Install		**		UEPDC	CC0SF	\$0.00	\$0.00	\$0.00								
		Extended Superframe Format - Conversion or New Install		**		UEPDC	CC0EF	\$0.00	\$0.00	\$0.00								
		Superframe Format - Subsequent Activity		**		UEPDC	CCOSF	\$0.00	\$590.00	\$590.00			\$3.50		\$19.99	\$19.99	\$20.00	\$20.00
		Extended Superframe Format - Subsequent Activity		**		UEPDC	CCOEF	\$0.00	\$590.00	\$590.00			\$3.50		\$19.99	\$19.99	\$20.00	\$20.00
		Alternate Mark Inversion																
		Superframe Format		**		UEPDC	MCOSF		\$0.00	\$0.00								
		Extended SuperFrame Format		**		UEPDC	MCOP O		\$0.00	\$0.00								
		Telephone Number/Trunk Group Establishment Charges																
		Telephone Number for 2-Way Trunk Group		**		UEPDC	UDTGX	\$0.00					\$3.50		\$19.99	\$19.99	\$20.00	\$20.00
		Telephone Number for 1-Way Outward Trunk Group		**		UEPDC	UDTGY	\$0.00					\$3.50		\$19.99	\$19.99	\$20.00	\$20.00

**Unbundled Network Elements  
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		UNBUNDLED NETWORK ELEMENT	UNBUNDLED NETEORK ELEMENT AS STATED IN DOCKET 97-01262	Not in TRA Docket 97- 01262	Zone	BCS	USOC	RATES				OSS RATES							
														Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l
										Nonrecurring		Disconnect							
										Rec	First	Add'l	First						
		Telephone Number for 1-Way Inward Trunk Group Without DID		**		UEPDC	UDTGZ	\$0.00					\$3.50		\$19.99	\$19.99	\$20.00	\$20.00	
		DID Numbers, Establish Trunk Group and Provide First Group of 20 DID Numbers		**		UEPDC	NDZ	\$0.00					\$3.50		\$19.99	\$19.99	\$20.00	\$20.00	
		Additional DID Numbers for each Group of 20 DID Numbers		**		UEPDC	ND4	\$0.00					\$3.50		\$19.99	\$19.99	\$20.00	\$20.00	
		DID Numbers, Non- consecutive DID Numbers , Per Number		**		UEPDC	ND5	\$0.00					\$3.50		\$19.99	\$19.99	\$20.00	\$20.00	
		<b>Dedicated DS1 (Interoffice Channel Mileage) - FX/FCO for 4-Wire DS1 Digital Loop with 4- Wire DDITS Trunk Port</b>																	
		Interoffice Channel Mileage - Fixed rate 0- 8 miles (Facilities Termination)		**		UEPDC	1LNO1	\$75.83					\$3.50		\$19.99	\$19.99	\$20.00	\$20.00	
		Interoffice Channel Mileage - Additional rate per mile - 0-8 miles		**		UEPDC	1LNOA	\$0.3525					\$3.50		\$19.99	\$19.99	\$20.00	\$20.00	
		Interoffice Channel Mileage - Fixed rate 9- 25 miles (Facilities Termination)		**		UEPDC	1LNO2	\$0.0000											
		Interoffice Channel Mileage - Additional rate per mile - 9-25 miles		**		UEPDC	1LNOB	\$0.3525					\$3.50		\$19.99	\$19.99	\$20.00	\$20.00	
		Interoffice Channel Mileage - Fixed rate 25+ miles (Facilities Termination)		**		UEPDC	1LNO3	\$0.0000											
		Interoffice Channel Mileage - Additional rate per mile - 25+ miles		**		UEPDC	1LNOC	\$0.3525					\$3.50		\$19.99	\$19.99	\$20.00	\$20.00	
		Activated		**		UEPDC	LNPCP	\$3.15											
		Central Office Terminating Point		**		UEPDC	CTG	\$0.00											
		<b>ENHANCED EXTENDED LINK (EELs)</b>																	
		<b>NOTE:</b> New (not currently combined) loop/transport (EEL) combinations are only available in density Zone 1 of the Nashville MSA in TN for customers w/ 4 or more lines.																	
		element recurring and Switch As Is Charges apply. For new EELs, network element recurring and nonrecurring apply (no Switch As Is Charge).																	
		<b>2-WIRE VOICE GRADE EXTENDED LOOP WITH DEDICATED DS1 INTEROFFICE TRANSPORT (EEL)</b>																	
		First 2-Wire Analog Voice Grade Loop - SL2/DS1 Interofficed Transport Combination - Zone 1	2-Wire Voice Grade Extended Loop With DS1 Dedicated Interoffice Transport (First 2-Wire Voice Grade with DS1 excluding mileage) - Zone 1		1	UNCVX	UEAL2	\$176.10											
		First 2-Wire Analog Voice Grade Loop - SL2/DS1 Interofficed Transport Combination - Zone 2	2-Wire Voice Grade Extended Loop With DS1 Dedicated Interoffice Transport (First 2-Wire Voice Grade with DS1 excluding mileage) - Zone 2		2	UNCVX	UEAL2	\$181.17											
		First 2-Wire Analog Voice Grade Loop - SL2/DS1 Interofficed Transport Combination - Zone 3	2-Wire Voice Grade Extended Loop With DS1 Dedicated Interoffice Transport (First 2-Wire Voice Grade with DS1 excluding mileage) - Zone 3		3	UNCVX	UEAL2	\$187.82											
		Interoffice Transport - Dedicated - DS1 combination - Per Mile per month	Interoffice Transport Dedicated DS1 - Per Mile			UNC1X	1L5XX	\$0.3562											

**Unbundled Network Elements  
TENNESSEE**

	UNBUNDLED NETWORK ELEMENT	UNBUNDLED NETEORK ELEMENT AS STATED IN DOCKET 97-01262	Not in TRA Docket 97- 01262	Zone	BCS	USOC	RATES				OSS RATES					
											Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l
							Rec	First	Add'l	First	Add'l					
												SOMECH	SOMAN	SOMAN	SOMAN	SOMAN
	Each Additional 2-Wire Analog VG Loop-SL2 in the same DS1 Interoffice Transport Combination-Zone 1	2-Wire Voice Grade Extended Loop With DS1 Dedicated Interoffice Transport (Additional 2-Wire Voice Grade Loop in same DS1 excluding mileage) - Zone 1		1	UNCVX	UEAL2	\$17.47									
	Each Additional 2-Wire Analog VG Loop-SL2 in the same DS1 Interoffice Transport Combination-Zone 2	2-Wire Voice Grade Extended Loop With DS1 Dedicated Interoffice Transport (Additional 2-Wire Voice Grade Loop in same DS1 excluding mileage) - Zone 2		2	UNCVX	UEAL2	\$22.54									
	Each Additional 2-Wire Analog VG Loop-SL2 in the same DS1 Interoffice Transport Combination-Zone 3	2-Wire Voice Grade Extended Loop With DS1 Dedicated Interoffice Transport (Additional 2-Wire Voice Grade Loop in same DS1 excluding mileage) - Zone 3		3	UNCVX	UEAL2	\$29.19									
	Nonrecurring Currently Combined Network Elements Switch -As-Is Charge	Non-Recurring Cost for Extended Loop or Local Channel and Interoffice Combination - Switch-as-is			UNC1X	UNCCC		\$52.73	\$24.62	\$9.12	\$9.12					
	<b>4-WIRE VOICE GRADE EXTENDED LOOP WITH DEDICATED DS1 INTEROFFICE TRANSPORT (EEL)</b>															
	First 4-Wire Analog Voice Grade Loop/DS1 Interoffice Transport Combination - Zone 1	4-Wire Voice Grade Extended Loop With DS1 Dedicated Interoffice Transport (First 4-Wire 56 or 64 kbps Digital Grade Loop with DS1 excluding mileage) - Zone 1		1	UNCVX	UEAL4	\$184.24									
	First 4-Wire Analog Voice Grade Loop/DS1 Interoffice Transport Combination - Zone 2	4-Wire Voice Grade Extended Loop With DS1 Dedicated Interoffice Transport (First 4-Wire 56 or 64 kbps Digital Grade Loop with DS1 excluding mileage) - Zone 2		2	UNCVX	UEAL4	\$191.80									
	First 4-Wire Analog Voice Grade Loop/DS1 Interoffice Transport Combination - Zone 3	4-Wire Voice Grade Extended Loop With DS1 Dedicated Interoffice Transport (First 4-Wire 56 or 64 kbps Digital Grade Loop with DS1 excluding mileage) - Zone 3		3	UNCVX	UEAL4	\$201.72									
	Interoffice Transport - Dedicated - DS1 combination - Per Mile Per Month	Interoffice Transport - Dedicated - DS1 - Per Mile			UNC1X	1L5XX	\$0.3562									
	Additional 4-Wire Analog Voice Grade Loop in same DS1 Interoffice Transport Combination - Zone 1	4-Wire Voice Grade Extended Loop With DS1 Dedicated Interoffice Transport (Additional 4-Wire 56 or 64 kbps in same DS1 excluding mileage) -Zone 1		1	UNCVX	UEAL4	\$25.61									
	Additional 4-Wire Analog Voice Grade Loop in same DS1 Interoffice Transport Combination - Zone 2	4-Wire Voice Grade Extended Loop With DS1 Dedicated Interoffice Transport (Additional 4-Wire 56 or 64 kbps in same DS1 excluding mileage) -Zone 2		2	UNCVX	UEAL4	\$33.17									

**Unbundled Network Elements  
TENNESSEE**

		UNBUNDLED NETWORK ELEMENT	UNBUNDLED NETEORK ELEMENT AS STATED IN DOCKET 97-01262	Not in TRA Docket 97-01262	Zone	BCS	USOC	RATES				OSS RATES						
								Rec					Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l
									Nonrecurring		Nonrecurring							
									Disconnect		Disconnect							
								First	Add'l	First	Add'l	SOMECE	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN	
		Additional 4-Wire Analog Voice Grade Loop in same DS1 Interoffice Transport Combination - Zone 3	4-Wire Voice Grade Extended Loop With DS1 Dedicated Interoffice Transport (Additional 4-Wire 56 or 64 kbps in same DS1 excluding mileage) -Zone 3		3	UNCVX	UEAL4	\$43.09										
		Nonrecurring Currently Combined Network Elements Switch -As-Is Charge	Non-Recurring Cost for Extended Loop or Local Channel and Interoffice combination Switch-as-is			UNC1X	UNCCC		\$52.73	\$24.62	\$9.12	\$9.12						
4-WIRE 56 KBPS EXTENDED DIGITAL LOOP WITH DEDICATED DS1 INTEROFFICE TRANSPORT (EEL)																		
		First 4-Wire 56Kbps Digital Grade Loop/DS1 Interoffice Transport Combination - Zone 1	4-Wire 56 or 64 kbps Extended Digital Loop With Dedicated DS1 Interoffice Transport (First 4-Wire 56 or 64 kbps Digital Grade Loop with DS1 excluding mileage) - Zone 1		1	UNCDX	UDL56	\$190.64										
		First 4-Wire 56Kbps Digital Grade Loop/DS1 Interoffice Transport Combination - Zone 2	4-Wire 56 or 64 kbps Extended Digital Loop With Dedicated DS1 Interoffice Transport (First 4-Wire 56 or 64 kbps Digital Grade Loop with DS1 excluding mileage) - Zone 2		2	UNCDX	UDL56	\$200.16										
		First 4-Wire 56Kbps Digital Grade Loop/DS1 Interoffice Transport Combination - Zone 3	4-Wire 56 or 64 kbps Extended Digital Loop With Dedicated DS1 Interoffice Transport (First 4-Wire 56 or 64 kbps Digital Grade Loop with DS1 excluding mileage) - Zone 3		3	UNCDX	UDL56	\$212.65										
		Interoffice Transport - Dedicated - DS1 combination - Per Mile Per Month	Interoffice Transport - Dedicated - DS1 - Per Mile			UNC1X	1L5XX	\$0.3562										
		Additional 4-Wire 56Kbps Digital Grade Loopin same DS1 Interoffice Transport Combination - Zone 1	4-Wire 56 or 64 kbps Extended Digital Loop With Dedicated DS1 Interoffice Transport (Additional 4-Wire 56 or 64 kbps Digital Grade Loop in same DS1 excluding mileage) -Zone 1		1	UNCDX	UDL56	\$32.01										
		Additional 4-Wire 56Kbps Digital Grade Loopin same DS1 Interoffice Transport Combination - Zone 2	4-Wire 56 or 64 kbps Extended Digital Loop With Dedicated DS1 Interoffice Transport (Additional 4-Wire 56 or 64 kbps Digital Grade Loop in same DS1 excluding mileage) -Zone 2		2	UNCDX	UDL56	\$41.52										
		Additional 4-Wire 56Kbps Digital Grade Loopin same DS1 Interoffice Transport Combination - Zone 3	4-Wire 56 or 64 kbps Extended Digital Loop With Dedicated DS1 Interoffice Transport (Additional 4-Wire 56 or 64 kbps Digital Grade Loop in same DS1 excluding mileage) -Zone 3		3	UNCDX	UDL56	\$54.02										
		Nonrecurring Currently Combined Network Elements Switch -As-Is Charge	Nonrecurring Cost for Extended Loop or Local Channel and Interoffice Combination Switch-as-is			UNC1X	UNCCC		\$52.73	\$24.62	\$9.12	\$9.12						
4-WIRE 64 KBPS EXTENDED DIGITAL LOOP WITH DEDICATED DS1 INTEROFFICE TRANSPORT (EEL)																		

**Unbundled Network Elements  
TENNESSEE**

	UNBUNDLED NETWORK ELEMENT	UNBUNDLED NETEORK ELEMENT AS STATED IN DOCKET 97-01262	Not in TRA Docket 97-01262	Zone	BCS	USOC	RATES				OSS RATES					
							Rec	First	Add'l	First	Add'l	SOMECE	SOMAN	SOMAN	SOMAN	SOMAN
	First 4-Wire 64Kbps Digital Grade Loop/DS1 Interoffice Transport Combination - Zone 1	4-Wire 56 or 64 kbps Extended Digital Loop With Dedicated DS1 Interoffice Transport (First 4-Wire 56 or 64 kbps Digital Grade Loop with DS1 excluding mileage) - Zone 1		1	UNCDX	UDL64	\$190.64									
	First 4-Wire 64Kbps Digital Grade Loop/DS1 Interoffice Transport Combination - Zone 2	4-Wire 56 or 64 kbps Extended Digital Loop With Dedicated DS1 Interoffice Transport (First 4-Wire 56 or 64 kbps Digital Grade Loop with DS1 excluding mileage) - Zone 2		2	UNCDX	UDL64	\$200.16									
	First 4-Wire 64Kbps Digital Grade Loop/DS1 Interoffice Transport Combination - Zone 3	4-Wire 56 or 64 kbps Extended Digital Loop With Dedicated DS1 Interoffice Transport (First 4-Wire 56 or 64 kbps Digital Grade Loop with DS1 excluding mileage) - Zone 3		3	UNCDX	UDL64	\$212.65									
	Interoffice Transport - Dedicated - DS1 combination - Per Mile Per Month	Interoffice Transport - Dedicated - DS1 - Per Mile			UNC1X	1L5XX	\$0.3562									
	Additional 4-Wire546Kbps Digital Grade Loopin same DS1 Interoffice Transport Combination - Zone 1	4-Wire 56 or 64 kbps Extended Digital Loop With Dedicated DS1 Interoffice Transport (Additional 4-Wire 56 or 64 kbps Digital Grade Loop in same DS1 excluding mileage) -Zone 1		1	UNCDX	UDL64	\$32.01									
	Additional 4-Wire546Kbps Digital Grade Loopin same DS1 Interoffice Transport Combination - Zone 2	4-Wire 56 or 64 kbps Extended Digital Loop With Dedicated DS1 Interoffice Transport (Additional 4-Wire 56 or 64 kbps Digital Grade Loop in same DS1 excluding mileage) -Zone 2		2	UNCDX	UDL64	\$41.52									
	Additional 4-Wire546Kbps Digital Grade Loopin same DS1 Interoffice Transport Combination - Zone 3	4-Wire 56 or 64 kbps Extended Digital Loop With Dedicated DS1 Interoffice Transport (Additional 4-Wire 56 or 64 kbps Digital Grade Loop in same DS1 excluding mileage) -Zone 3		3	UNCDX	UDL64	\$54.02									
	Nonrecurring Currently Combined Network Elements Switch -As-Is Charge	Nonrecurring Cost for Extended Loop or Local Channel and Interoffice Combination Switch-as-is			UNC1X	UNCCC		\$52.73	\$24.62	\$9.12	\$9.12					
	<b>2-WIRE VOICE GRADE DEDICATED EXTENDED LOCAL CHANNEL WITH DEDICATED DS1 INTEROFFICE TRANSPORT (EEL)</b>															
	First 2-Wire Local Channel with/DS1 Interoffice Transport Combination - Zone 1	Extended 2-Wire Voice Grade Dedicated Local Channel with Dedicated DS1 Interoffice Transport (First 2-Wire Local Channel with DS1 excluding mileage) - Zone 1		1			\$176.72									
	First 2-Wire Local Channel with/DS1 Interoffice Transport Combination - Zone 2	Extended 2-Wire Voice Grade Dedicated Local Channel with Dedicated DS1 Interoffice Transport (First 2-Wire Local Channel with DS1 excluding mileage) - Zone 2		2			\$181.98									

**Unbundled Network Elements  
TENNESSEE**

		UNBUNDLED NETWORK ELEMENT	UNBUNDLED NETEORK ELEMENT AS STATED IN DOCKET 97-01262	Not in TRA Docket 97-01262	Zone	BCS	USOC	RATES				OSS RATES												
												Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l							
																		Nonrecurring	Nonrecurring	Disconnect				
																					First	Add'l	First	Add'l
										SOME	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN									
		First 2-Wire Local Channel with/DS1 Interoffice Transport Combination - Zone 3	Extended 2-Wire Voice Grade Dedicated Local Channel with Dedicated DS1 Interoffice Transport (First 2-Wire Local Channel with DS1 excluding mileage) - Zone 3		3			\$188.88																
		Interoffice Transport - Dedicated - DS1 combination - Per Mile Per Month	Interoffice Transport - Dedicated - DS1 - Per Mile			UNC1X	U1TF1	\$0.3562																
		Additional 2-Wire Voice Grade Channel in Same DSI Interoffice Transport Combination - Zone 1	Extended 2-Wire Voice Grade Dedicated Local Channel with Dedicated DS1 Interoffice Transport (Additional 2-Wire Voice Grade Channel in same DS1 excluding mileage) -Zone 1		1			\$18.09																
		Additional 2-Wire Voice Grade Channel in Same DSI Interoffice Transport Combination - Zone 2	Extended 2-Wire Voice Grade Dedicated Local Channel with Dedicated DS1 Interoffice Transport (Additional 2-Wire Voice Grade Channel in same DS1 excluding mileage) -Zone 2		2			\$23.35																
		Additional 2-Wire Voice Grade Channel in Same DSI Interoffice Transport Combination - Zone 3	Extended 2-Wire Voice Grade Dedicated Local Channel with Dedicated DS1 Interoffice Transport (Additional 2-Wire Voice Grade Channel in same DS1 excluding mileage) -Zone 3		3			\$30.25																
		Nonrecurring Currently Combined Network Elements Switch -As-Is Charge	Nonrecurring Cost for Extended Loop or Local Channel and Interoffice combination Switch-as-is			UNC1X	UNCCC		\$52.73	\$24.62	\$9.12	\$9.12												
4-WIRE VOICE GRADE DEDICATED EXTENDED LOCAL CHANNEL WITH DEDICATED DS1 INTEROFFICE TRANSPORT (EEL)																								
		First 4-Wire Local Channel with/DS1 Interoffice Transport Combination - Zone 1	Extended 4-Wire Voice Grade Dedicated Local Channel with Dedicated DS1 Interoffice Transport (First 4-Wire Local Channel with DS1 excluding mileage) - Zone 1		1			\$177.73																
		First 4-Wire Local Channel with/DS1 Interoffice Transport Combination - Zone 2	Extended 4-Wire Voice Grade Dedicated Local Channel with Dedicated DS1 Interoffice Transport (First 4-Wire Local Channel with DS1 excluding mileage) - Zone 2		2			\$183.29																
		First 4-Wire Local Channel with/DS1 Interoffice Transport Combination - Zone 3	Extended 4-Wire Voice Grade Dedicated Local Channel with Dedicated DS1 Interoffice Transport (First 4-Wire Local Channel with DS1 excluding mileage) - Zone 3		3			\$190.59																
		Interoffice Transport - Dedicated - DS1 combination - Per Mile Per Month	Interoffice Transport - Dedicated - DS1 - Per Mile			UNC1X	U1TF1	\$0.3562																

**Unbundled Network Elements  
TENNESSEE**

	UNBUNDLED NETWORK ELEMENT	UNBUNDLED NETEORK ELEMENT AS STATED IN DOCKET 97-01262	Not in TRA Docket 97- 01262	Zone	BCS	USOC	RATES				OSS RATES					
											Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l
							Rec	First	Add'l	First	Add'l					
	Additional 4-Wire Voice Grade Channel in Same DSI Interoffice Transport Combination - Zone 1	Extended 4-Wire Voice Grade Dedicated Local Channel with Dedicated DS1 Interoffice Transport (Additional 4-Wire Voice Grade Channel in same DS1 excluding mileage) -Zone 1		1			\$19.09									
	Additional 4-Wire Voice Grade Channel in Same DSI Interoffice Transport Combination - Zone 2	Extended 4-Wire Voice Grade Dedicated Local Channel with Dedicated DS1 Interoffice Transport (Additional 4-Wire Voice Grade Channel in same DS1 excluding mileage) -Zone 2		2			\$24.66									
	Additional 4-Wire Voice Grade Channel in Same DSI Interoffice Transport Combination - Zone 3	Extended 4-Wire Voice Grade Dedicated Local Channel with Dedicated DS1 Interoffice Transport (Additional 4-Wire Voice Grade Channel in same DS1 excluding mileage) -Zone 3		3			\$31.96									
	Nonrecurring Currently Combined Network Elements Switch -As-Is Charge	Nonrecurring Cost for Extended Loop or Local Channel and Interoffice Combination Switch-as-is			UNC1X	UNCCC		\$52.73	\$24.62	\$9.12	\$9.12					
	<b>4-WIRE DS1 DIGITAL EXTENDED LOOP WITH DEDICATED DS1 INTEROFFICE TRANSPORT (EEL)</b>															
	First 4-Wire DS1 Digital Loop in Combination with DS1 Interoffice Transport - Zone 1	Extended 4-Wire DS1 Digital Loop With Dedicated DS1 Interoffice Transport (First 4-Wire DS1 Digital Loop with DS1 excluding mileage) - Zone 1		1	UNC1X	USLXX	\$135.59									
	First 4-Wire DS1 Digital Loop in Combination with DS1 Interoffice Transport - Zone 2	Extended 4-Wire DS1 Digital Loop With Dedicated DS1 Interoffice Transport (First 4-Wire DS1 Digital Loop with DS1 excluding mileage) - Zone 2		2	UNC1X	USLXX	\$153.26									
	First 4-Wire DS1 Digital Loop in Combination with DS1 Interoffice Transport - Zone 3	Extended 4-Wire DS1 Digital Loop With Dedicated DS1 Interoffice Transport (First 4-Wire DS1 Digital Loop with DS1 excluding mileage) - Zone 3		3	UNC1X	USLXX	\$176.45									
	Interoffice Transport - Dedicated - DS1 combination - Facility Termination Per Month	Interoffice Transport - Dedicated - DS1 - Per Mile			UNC1X	U1TF1	\$0.3562									
	Additional 4-Wire DS1 Digital Loop in same same DS1 Interoffice Transport Combination - Zone 1	Extended 4-Wire DS1 Digital Loop With Dedicated DS1 Interoffice Transport (Additional 4-Wire DS1 Digital Loop in same DS1 excluding mileage) - Zone 1		1	UNC1X	USLXX	\$57.73									
	Additional 4-Wire DS1 Digital Loop in same same DS1 Interoffice Transport Combination - Zone 2	Extended 4-Wire DS1 Digital Loop With Dedicated DS1 Interoffice Transport (Additional 4-Wire DS1 Digital Loop in same DS1 excluding mileage) - Zone 2		2	UNC1X	USLXX	\$75.40									



**Unbundled Network Elements  
TENNESSEE**

		UNBUNDLED NETWORK ELEMENT	UNBUNDLED NETEORK ELEMENT AS STATED IN DOCKET 97-01262	Not in TRA Docket 97- 01262	Zone	BCS	USOC	RATES				OSS RATES						
								Rec	Nonrecurring		Nonrecurring		Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l
									First	Add'l	First	Add'l						
		Additional 4-Wire DS1 Digital Loop in same same DS1 Interoffice Transport Combination - Zone 3	Extended 4-Wire DS1 Digital Loop With Dedicated DS1 Interoffice Transport (Additional 4- Wire DS1 Digital Loop in same DS1 excluding mileage) - Zone 3		3	UNC1X	USLXX	\$98.59										
		Nonrecurring Currently Combined Network Elements Switch -As-Is Charge	Nonrecurring Cost for Extended Loop or Local Channel and Interoffice Combination Switch- as-is			UNC1X	UNCCC		\$52.73	\$24.62	\$9.12	\$9.12						
Currently Combined Network Transport Elements (Non-Switched Combinations Resulting from a Conversion)																		
		Local Channel - Dedicated - 2-Wire VG																
		Monthly Recurring per month		**		UNCVX	ULDV2	\$19.43	\$199.33	\$24.16	\$54.81	\$4.80		\$20.35	\$10.54	\$13.30		
		Monthly Recurring per mile per month		**		UNCVX	1L5NC	\$0.00										
		Local Channel - Dedicated - 2-Wire VG - Rev																
		Monthly Recurring per month		**		UNCVX	ULDR2	\$19.43	\$199.33	\$24.16	\$54.81	\$4.80		\$20.35	\$10.54	\$13.30		
		Monthly Recurring per mile per month		**		UNCVX	1L5NC	\$0.00										
		Local Channel - Dedicated - 4-Wire VG																
		Monthly Recurring per month		**		UNCVX	ULDV4	\$20.56	\$201.53	\$24.83	\$55.52	\$5.51		\$20.35	\$10.54	\$13.30		
		Monthly Recurring per mile per month		**		UNCVX	1L5NC	\$0.00										
		Local Channel - Dedicated - DS1																
		DS1 Monthly Recurring per month		**		UNC1X	ULDF1	\$20.56	\$201.53	\$24.83	\$55.52	\$5.51		\$20.35	\$10.54	\$13.30		
		Monthly Recurring per mile per month		**		UNC1X	1L5NC	\$0.00										
		Interoffice Channel - Dedicated - 2-wire VG																
		Interoffice Channel - Dedicated 2-wire VG - per mile per month		**		UNCVX	1L5XX	\$0.0174										
		Interoffice Channel - Dedicated 2-wire VG - Facility Termination per month		**		UNCVX	U1TV2	\$18.58	\$55.39	\$17.37	\$27.96	\$3.51		\$20.35	\$21.09	\$9.80	\$10.54	
		Interoffice Channel - Dedicated - 2-wire VG Rev Battery																
		nteroffice Channel - Dedicated 2-wire VG - per mile per month		**		UNCVX	1L5XX	\$0.02										
		nteroffice Channel - Dedicated 2-wire VG - Facility Termination per month		**		UNCVX	U1TR2	\$18.58	\$55.39	\$17.37	\$27.96	\$3.51		\$20.35	\$21.09	\$9.80	\$10.54	
		Interoffice Channel - Dedicated - 56kbps																
		Interoffice Channel - Dedicated- 56 kbps - per mile per month		**		UNCDX	1L5XX	\$0.0174										
		Interoffice Channel - Dedicated - 56 kbps - Facility Termination per month		**		UNCDX	U1TD5	\$17.98	\$55.39	\$17.37	\$27.96	\$3.51		\$20.35	\$21.09	\$9.80	\$10.54	
		Interoffice Channel - Dedicated - 64kbps																
		Interoffice Channel - Dedicated - 64 kbps - per mile per month		**		UNCDX	1L5XX	\$0.02										
		Interoffice Channel - Dedicated - 64 kbps - Facility Termination per month		**		UNCDX	U1TD6	\$17.98	\$55.39	\$17.37	\$27.96	\$3.51		\$20.35	\$21.09	\$9.80	\$10.54	
		Interoffice Channel - Dedicated - DS1																

**Unbundled Network Elements  
TENNESSEE**

	UNBUNDLED NETWORK ELEMENT	UNBUNDLED NETEORK ELEMENT AS STATED IN DOCKET 97-01262	Not in TRA Docket 97- 01262	Zone	BCS	USOC	RATES					OSS RATES					
							Rec					Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l
								First	Add'l	First	Add'l						
										SOMECS	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN		
	Interoffice Channel - Dedicated - DS1 - per mile per month		**		UNC1X	1L5XX	\$0.3562										
	Interoffice Channel - Dedicated - DS1 - Facility Termination per month		**		UNC1X	U1TF1	\$77.86	\$112.40	\$76.27	\$19.55	\$14.99			\$20.35	\$21.09	\$9.80	\$10.54
	Local Loop - Dedicated - 2-Wire VG																
	Local Loop - Dedicated - 2-Wire VG - Monthly Recurring per month - Zone 1		**	1	UNCVX	UEAL2	\$16.56	\$75.06	\$48.20	\$28.70	\$17.64			\$20.35	\$10.54	\$13.32	
	Local Loop - Dedicated - 2-Wire VG - Monthly Recurring per month - Zone 2		**	2	UNCVX	UEAL2	\$21.63	\$192.97	\$140.72	\$28.70	\$17.64			\$20.35	\$10.54	\$13.32	
	Local Loop - Dedicated - 2-Wire VG - Monthly Recurring per month - Zone 3		**	3	UNCVX	UEAL2	\$28.28	\$192.97	\$140.72	\$28.70	\$17.64			\$20.35	\$10.54	\$13.32	
	Local Loop - Dedicated - 2-Wire VG - Monthly Recurring per mile per month		**		UNCVX	1L5ND	\$0.00										
	Local Loop - Dedicated - 2-Wire VG - Rev																
	Local Loop - Dedicated - 2-Wire VG - Rev Bat - Monthly Recurring per month - Zone		**	1	UNCVX	UEAR2	\$16.56	\$75.06	\$48.20	\$28.70	\$17.64			\$20.35	\$10.54	\$13.32	
	Local Loop - Dedicated - 2-Wire VG - Rev Bat - Monthly Recurring per month - Zone		**	2	UNCVX	UEAR2	\$21.63	\$192.97	\$140.72	\$28.70	\$17.64			\$20.35	\$10.54	\$13.32	
	Local Loop - Dedicated - 2-Wire VG - Rev Bat - Monthly Recurring per month - Zone		**	3	UNCVX	UEAR2	\$28.28	\$192.97	\$140.72	\$28.70	\$17.64			\$20.35	\$10.54	\$13.32	
	Monthly Recurring per mile per month		**		UNCVX	1L5ND	\$0.00										
	Local Loop - Dedicated - 4-Wire VG																
	Local Loop - Dedicated - 4-Wire VG - Monthly Recurring per month - Zone 1		**	1	UNCVX	UEAL4	\$24.70	\$122.76	\$85.57	\$76.35	\$39.16			\$20.35	\$10.54	\$13.32	
	Local Loop - Dedicated - 4-Wire VG - Monthly Recurring per month - Zone 2		**	2	UNCVX	UEAL4	\$32.25	\$122.76	\$85.57	\$76.35	\$39.16			\$20.35	\$10.54	\$13.32	
	Local Loop - Dedicated - 4-Wire VG - Monthly Recurring per month - Zone 3		**	3	UNCVX	UEAL4	\$42.17	\$122.76	\$85.57	\$76.35	\$39.16			\$20.35	\$10.54	\$13.32	
	Monthly Recurring per mile per month		**		UNCVX	1L5ND	\$0.00										
	Local Loop - Dedicated - 2-Wire ISDN Digital																
	Local Loop - Dedicated - 2-Wire ISDN - Monthly Recurring per month - Zone 1		**	1	UNCVX	U1L2X	\$22.00	\$142.76	\$88.88	\$76.35	\$39.16			\$20.35	\$10.54	\$13.32	
	Local Loop - Dedicated - 2-Wire ISDN - Monthly Recurring per month - Zone 2		**	2	UNCVX	U1L2X	\$29.02	\$142.76	\$88.88	\$76.35	\$39.16			\$20.35	\$10.54	\$13.32	
	Local Loop - Dedicated - 2-Wire ISDN - Monthly Recurring per month - Zone 3		**	3	UNCVX	U1L2X	\$37.95	\$142.76	\$88.88	\$76.35	\$39.16			\$20.35	\$10.54	\$13.32	
	Monthly Recurring per mile per month		**		UNCVX	1L5ND	\$0.00										
	Local Loop - Dedicated - 4-Wire 56 kbps																
	Local Loop - Dedicated - 4-Wire 56 kbps Digital - Monthly Recurring per month - Zone 1		**	1	UNCVX	UDL56	\$31.10	\$207.01	\$141.38	\$90.70	\$44.18			\$20.35	\$10.54	\$13.32	
	Local Loop - Dedicated - 4-Wire 56 kbps Digital - Monthly Recurring per month - Zone 2		**	2	UNCVX	UDL56	\$40.61	\$207.01	\$141.38	\$90.70	\$44.18			\$20.35	\$10.54	\$13.32	
	Local Loop - Dedicated - 4-Wire 56 kbps Digital - Monthly Recurring per month - Zone 3		**	3	UNCVX	UDL56	\$53.11	\$207.01	\$141.38	\$90.70	\$44.18			\$20.35	\$10.54	\$13.32	
	4-Wire 56 kbps Digital Grade Loop per mile per month		**		UNCVX	1L5ND	\$0.00										

**Unbundled Network Elements  
TENNESSEE**

		UNBUNDLED NETWORK ELEMENT	UNBUNDLED NETEORK ELEMENT AS STATED IN DOCKET 97-01262	Not in TRA Docket 97- 01262	Zone	BCS	USOC	RATES					OSS RATES					
								Rec	Nonrecurring		Nonrecurring		Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l
									First	Add'l	First	Add'l						
		Local Loop - Dedicated - 4-Wire 64 kbps Digital - Monthly Recurring per month - Zone 1	**	1	UNCVX	UDL64	\$31.10	\$207.01	\$141.38	\$90.70	\$44.18			\$20.35	\$10.54	\$13.32		
		Local Loop - Dedicated - 4-Wire 64 kbps Digital - Monthly Recurring per month - Zone 2	**	2	UNCVX	UDL64	\$40.61	\$207.01	\$141.38	\$90.70	\$44.18			\$20.35	\$10.54	\$13.32		
		Local Loop - Dedicated - 4-Wire 64 kbps Digital - Monthly Recurring per month - Zone 3	**	3	UNCVX	UDL64	\$53.11	\$207.01	\$141.38	\$90.70	\$44.18			\$20.35	\$10.54	\$13.32		
		4-Wire 64 kbps Digital Grade Loop per mile per month	**		UNCVX	1L5ND	\$0.00											
		Local Loop - Dedicated - DS1																
		Local Loop - Dedicated - DS1 - Monthly Recurring per month - Zone 1	**	1	UNC1X	USLXX	\$57.73	\$313.08	\$219.72	\$96.86	\$40.45			\$18.98	\$8.43	\$11.95		
		Local Loop - Dedicated - DS1 - Monthly Recurring per month - Zone 2	**	2	UNC1X	USLXX	\$75.40	\$313.08	\$219.72	\$96.86	\$40.45			\$18.98	\$8.43	\$11.95		
		Local Loop - Dedicated - DS1 - Monthly Recurring per month - Zone 3	**	3	UNC1X	USLXX	\$98.59	\$313.08	\$219.72	\$96.86	\$40.45			\$18.98	\$8.43	\$11.95		
		Local Loop - Dedicated - DS1 - Monthly Recurring per mile per month	**		UNC1X	1L5ND	\$0.00											
		DS1 Channelization																
		DS1 to DS0 Channel System per month	**		UNC1X	MQ1	\$80.77	\$141.87	\$77.11	\$14.51	\$13.46			\$20.35	\$9.80	\$11.49	\$1.18	
		OCU-DP COCI (data) - DS1 to DS0 Channel System - per month (2.4-64kbs)	**		UNCDX	1D1DD	\$1.82	\$6.07	\$4.66					\$20.35	\$9.80	\$11.49	\$1.18	
		2-wire ISDN COCI (BRITE) - DS1 to DS0 Channel Systsem - per month	**		UNCNX	UC1CA	\$3.10	\$6.07	\$4.66					\$20.35	\$9.80	\$11.49	\$1.18	
		Voice Grade COCI - DS1 to DS0 Channel System - per month	**		UNCVX	1D1VG	\$0.91	\$6.07	\$4.66					\$20.35	\$9.80	\$11.49	\$1.18	
		MULTIPLEXERS																
		DS3 to DS1 Channel System per month	**		UNC3X	MQ3	\$222.98	\$308.03	\$108.47	\$44.47	\$42.62			\$20.35	\$9.80	\$11.49	\$1.18	
		STS1 to DS1 Channel System per month	**		UNCSX	MQ3	\$222.98	\$308.03	\$108.47	\$44.47	\$42.62			\$20.35	\$9.80	\$11.49	\$1.18	
		DS3 Interface Unit (DS1 COCI) used with Loop per month	**		UNC1X	UC1D1	\$17.58	\$6.07	\$4.66					\$20.35	\$9.80	\$11.49	\$1.18	
		* Rates for these elements, products or services were not ordered by the TRA in Docket No. 97-01262. However, such elements, products or services are necessary for the provision of other elements, products or services for which permanent rates were ordered.																
		** Rates for these elements, products or services are related to a combination(s) ordered by the TRA in Docket No. 97-01262.																

**LOCAL INTERCONNECTION  
Tennessee**

	UNBUNDLED NETWORK ELEMENT	UNBUNDLED NETWORK ELEMENT AS STATED IN DOCKET 97-01262	Not in TRA Docket 97- 01262	Zone	BCS	USOC	RATES				OSS RATES						
							Rec	Nonrecurring		Disconnect		Svc Order Sub-mitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic- Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l
								First	Add'l	First	Add'l						
LOCAL INTERCONNECTION (CALL TRANSPORT AND TERMINATION)																	
END OFFICE SWITCHING																	
End Office Switching Function, Per MOU		End office switching function					\$0.0008041										
TANDEM SWITCHING																	
Tandem Switching Function Per MOU		Tandem switching function					\$0.0009778										
LOCAL INTERCONNECTION (TRANSPORT)																	
COMMON TRANSPORT (Shared)																	
Common Transport - Per Mile, Per MOU		Common transport - per mile, per MOU					\$0.0000064										
Common Transport - Facilities Termination Per MOU		Common Transport - Facilities Termination per MOU					\$0.0003871										
INTEROFFICE CHANNEL - DEDICATED TRANSPORT - VOICE GRADE																	
Interoffice Channel - Dedicated Transport - 2- Wire Voice Grade - Per Mile per month		Interoffice Transport - Dedicated - Voice Grade			U1TVX	1L5XF	\$0.0174										
Interoffice Channel - Dedicated Transport- 2- Wire Voice Grade - Facility Termination per month		Interoffice Transport - Dedicated - 2-Wire Voice Grade - Facility Termination			U1TVX	1L5XF	\$18.58	\$55.39	\$17.37	\$27.96	\$3.51		\$20.35	\$21.09	\$9.80	\$10.54	
INTEROFFICE CHANNEL - DEDICATED TRANSPORT - 56/64 KBPS																	
Interoffice Channel - Dedicated Transport - 56 kbps - per mile per month		Interoffice Transport - Dedicated DSO - 56/64 kbps - Interoffice Transport - Dedicated - DSO - per mile			U1TDX	1L5XK	\$0.0174										
Interoffice Channel - Dedicated Transport - 56 kbps - Facility Termination per month		Interoffice Transport - Dedicated DSO - 56/64 kbps - Interoffice Transport - Dedicated - DSO - Facility Termination			U1TDX	1L5XK	\$17.98	\$55.39	\$17.37	\$27.96	\$3.51		\$20.35	\$21.09	\$9.80	\$10.54	
Interoffice Channel - Dedicated Transport - 64 kbps - per mile per month		Interoffice Transport - Dedicated DSO - 56/64 kbps - Interoffice Transport - Dedicated - DSO - per mile			U1TDX	1L5XK	\$0.0174										
Interoffice Channel - Dedicated Transport - 64 kbps - Facility Termination per month		Interoffice Transport - Dedicated DSO - 56/64 kbps - Interoffice Transport - Dedicated - DSO - Facility Termination			U1TDX	1L5XK	\$17.98	\$55.39	\$17.37	\$27.96	\$3.51		\$20.35	\$21.09	\$9.80	\$10.54	
INTEROFFICE CHANNEL - DEDICATED TRANSPORT - DS1																	
Interoffice Channel - Dedicated Channel - DS1 - Per Mile per month		Interoffice Transport - Dedicated - DS1 - per mile			U1TD1	1L5XIL	\$0.3562										
Interoffice Channel - Dedicated Tranport - DS1 - Facility Termination per month		Interoffice Transport - Dedicated - DS1 - Facility Termination			U1TD1	1L5XIL	\$77.86	\$112.40	\$76.27	\$19.55	\$14.99		\$20.35	\$21.09	\$9.80	\$10.54	
LOCAL CHANNEL - DEDICATED TRANSPORT																	
Local Channel - Dedicatd - 2-Wire Voice Grade per month - Zone 1		Local Channel - Dedicated - 2-Wire Voice Grade [shown here deaveraged]		1	ULDVX	TEFV3	\$17.18	\$199.33	\$24.16	\$54.81	\$4.80		\$20.35	\$10.54	\$13.30	\$0.00	
Local Channel - Dedicatd - 2-Wire Voice Grade per month - Zone 2		Local Channel - Dedicated - 2-Wire Voice Grade [shown here deaveraged]		2	ULDVX	TEFV3	\$22.44	\$199.33	\$24.16	\$54.81	\$4.80		\$20.35	\$10.54	\$13.30	\$0.00	
Local Cahnnel - Dedicated 2-Wire Voice Grade per month - Zone 3		Local Channel - Dedicated - 2-Wire Voice Grade [shown here deaveraged]		3	ULDVX	TEFV3	\$29.34	\$199.33	\$24.16	\$54.81	\$4.80		\$20.35	\$10.54	\$13.30	\$0.00	
Local Channel - Dedicated - 4-Wire Voice Grade per month - Zone 1		Local Channel - Dedicated - 4-Wire Voice Grade [shown here deaveraged]		1	ULDDX	TEFV4	\$18.18	\$201.53	\$24.83	\$55.52	\$5.51		\$20.35	\$10.54	\$13.30	\$0.00	
Local Channel - Dedicated - 4-Wire Voice Grade per month - Zone 2		Local Channel - Dedicated - 4-Wire Voice Grade [shown here deaveraged]		2	ULDDX	TEFV4	\$23.74	\$201.53	\$24.83	\$55.52	\$5.51		\$20.35	\$10.54	\$13.30	\$0.00	
Local Channel - Dedicated - 4-Wire Voice Grade per month - Zone 3		Local Channel - Dedicated - 4-Wire Voice Grade [shown here deaveraged]		3	ULDDX	TEFV4	\$31.05	\$201.53	\$24.83	\$55.52	\$5.51		\$20.35	\$10.54	\$13.30	\$0.00	
Local Channel - Dedicated - DS1 per month - Zone 1		Local Channel - Dedicated - Dedicated DS1 [shown here deaveraged]		1	ULDD1	TEFHG	\$36.24	\$277.35	\$233.26	\$33.18	\$22.30		\$45.68	\$1.76	\$21.75	\$1.76	

LOCAL INTERCONNECTION  
Tennessee

		UNBUNDLED NETWORK ELEMENT	UNBUNDLED NETWORK ELEMENT AS STATED IN DOCKET 97-01262	Not in TRA Docket 97- 01262	Zone	BCS	USOC	RATES					OSS RATES									
													Svc Order Sub-mitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic- Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l				
																			Nonrecurring		Disconnect	
																			Nonrecurring		Disconnect	
																			Rec	First	Add'l	First
		Local Channel - Dedicated - DS1 per month - Zone 2	Local Channel - Dedicated - Dedicated DS1 [shown here deaveraged]		2	ULDD1	TEFHG	\$47.33	\$277.35	\$233.26	\$33.18	\$22.30			\$45.68	\$1.76	\$21.75	\$1.76				
		Local Channel - Dedicated - DS1 per month - Zone 3	Local Channel - Dedicated - Dedicated DS1 [shown here deaveraged]		3	ULDD1	TEFHG	\$61.89	\$277.35	\$233.26	\$33.18	\$22.30			\$45.68	\$1.76	\$21.75	\$1.76				
		MULTIPLEXERS																				
		Channelization - DS1 to DS0 Channel System	Channelization - Channel System DS1 to DSO			UXTD1	SATC1	\$80.77	\$141.87	\$77.11	\$14.51	\$13.46			\$20.35	\$9.80	\$11.49	\$1.18				
		OCU-DP COCI (data) - DS1 to DS0 Channel System - per month (2.4-64kbs)	Interface Unit - Interface DS1 to DSO - OCU - DP Card			UDL	SATSA	\$1.82	\$6.07	\$4.66					\$20.35	\$9.80	\$11.49	\$1.18				
		2-wire ISDN COCI (BRITE) - DS1 to DS0 Channel System - per month	Interface Unit - Interface DS1 to DSO - Brite Card			UDN	SATSA	\$3.10	\$6.07	\$4.66					\$20.35	\$9.80	\$11.49	\$1.18				
		Voice Grade COCI - DS1 to DS0 Channel System - per month	Interface Unit - Interface DS1 to DSO - Voice Grade Card			UEA	SATSA	\$ .91	\$6.07	\$4.66					\$20.35	\$9.80	\$11.49	\$1.18				
		DS3 to DS1 Channel System per month	Channelization - Channel System DS3 to DS1			UXTD3	SATCS	\$222.98	\$308.03	\$108.47	\$44.47	\$42.62			\$20.35	\$9.80	\$11.49	\$1.18				
		DS3 Interface Unit (DS1 COCI) per month	Interface Unit - Interface DS3 to DS1			USL	SATCO	\$17.58	\$6.07	\$4.66					\$20.35	\$9.80	\$11.49	\$1.18				

ODUF/ADUF/CMD5  
Tennessee

		UNBUNDLED NETWORK ELEMENT	UNBUNDLED NETWORK ELEMENT AS STATED IN DOCKET 97-01262	Not In TRA Docket 97- 01262	Zone	BCS	USOC	RATES				OSS RATES								
													Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l		
										Nonrecurring		Nonrecurring								
											Nonrecurring								Disconnect	
											Rec	First							Add'l	First
		ODUF/EDOUF/ADUF/CMD5																		
		OPTIONAL DAILY USAGE FILE (ODUF)																		
		ODUF: Recording, per message	OSS OLEC Daily Usage File Recording per message				N/A	\$0.0000044												
		ODUF: Message Processing, per message	OSS OLEC Daily Usage File Message Distribution per message				N/A	\$0.0027366												
		ODUF: Message Processing, per Magnetic Tape provisioned	OSS OLEC Daily Usage File Message Distribution per magnetic tape provisioned				N/A	\$52.75												
		ODUF: Data Transmission (CONNECT:DIRECT), per message	OSS OLEC Daily Usage File Data Transmission (Connect: Direct), per message				N/A	\$0.0000339												

2-WIRE ANALOG VOICE GRADE LOOP  
4-WIRE ANALOG VOICE GRADE LOOP  
2-WIRE ISDN DIGITAL GRADE LOOP  
2-WIRE ASYMMETRICAL DIGITAL SUBSCRIBER LINE (ADSL) COMPATIBLE LOOP  
2-WIRE HIGH BIT RATE DIGITAL SUBSCRIBER LINE (HDSL) COMPATIBLE LOOP  
4-WIRE HIGH BIT RATE DIGITAL SUBSCRIBER LINE (HDSL) COMPATIBLE LOOP  
4-WIRE DS1 DIGITAL LOOP  
4-WIRE 56 OR 64 Kbps DIGITAL GRADE LOOP  
SUB-LOOP DISTRIBUTION  
SUB-LOOP FEEDER  
NETWORK INTERFACE DEVICE (NID)  
UNBUNDLED LOOP CONCENTRATION  
UNBUNDLED SUB-LOOP CONCENTRATION (OUTSIDE CO)  
UNBUNDLED LOCAL EXCHANGE SWITCHING(PORTS)  
UNBUNDLED LOCAL SWITCHING, PORT USAGE  
COMMON TRANSPORT (SHARED)  
INTEROFFICE CHANNEL - DEDICATED TRANSPORT - VOICE GRADE  
INTEROFFICE CHANNEL - DEDICATED TRANSPORT- 56/64 Kbps  
INTEROFFICE CHANNEL - DEDICATED TRANSPORT - DS1  
LOCAL CHANNEL - DEDICATED TRANSPORT  
MULTIPLEXERS  
DARK FIBER  
8XX ACCESS TEN DIGIT SCREENING  
LINE INFORMATION DATA BASE ACCESS (LIDB)  
SIGNALING (CCS7)  
SELECTIVE ROUTING  
AIN - BELL SOUTH AIN SMS ACCESS SERVICE  
AIN - BELL SOUTH AIN TOOLKIT SERVICE  
OPTIONAL DAILY USAGE FILE (ODUF)  
UNBUNDLED PORT/LOOP COMBINATIONS - COST BASED RATES  
2-WIRE VOICE GRADE LOOP WITH 2-WIRE LINE PORT (RES)  
2-WIRE VOICE GRADE LOOP WITH 2-WIRE LINE PORT (BUS)  
2-WIRE VOICE GRADE LOOP WITH 2-WIRE LINE PORT (RES - PBX)  
2-WIRE VOICE GRADE LOOP WITH 2-WIRE LINE PORT (BUS - PBX)  
2-WIRE VOICE GRADE LOOP- BUS ONLY - WITH 2-WIRE DID TRUNK PORT  
2-WIRE ISDN DIGITAL GRADE LOOP WITH 2-WIRE ISDN DIGITAL LINE SIDE PORT  
4-WIRE DS1 DIGITAL LOOP WITH 4-WIRE ISDN DS1 DIGITAL TRUNK PORT  
4-WIRE DS1 DIGITAL LOOP WITH 4-WIRE DDITS TRUNK PORT  
2-WIRE VOICE GRADE EXTENDED LOOP WITH DEDICATED DS1 INTEROFFICE TRANSPORT (EEL)  
4-WIRE VOICE GRADE EXTENDED LOOP WITH DEDICATED DS1 INTEROFFICE TRANSPORT (EEL)  
4-WIRE 56 Kbps EXTENDED DIGITAL LOOP WITH DEDICATED DS1 INTEROFFICE TRANSPORT (EEL)  
4-WIRE 64 Kbps EXTENDED DIGITAL LOOP WITH DEDICATED DS1 INTEROFFICE TRANSPORT (EEL)  
2-WIRE VOICE GRADE DEDICATED EXTENDED LOCAL CHANNEL WITH DEDICATED DS1 INTEROFFICE TRANSPORT (EEL)  
4-WIRE VOICE GRADE DEDICATED EXTENDED LOCAL CHANNEL WITH DEDICATED DS1 INTEROFFICE TRANSPORT (EEL)  
4-WIRE DS1 DIGITAL EXTENDED LOOP WITH DEDICATED DS1 INTEROFFICE TRANSPORT (EEL)

**AMENDMENT  
TO THE  
AGREEMENT BETWEEN  
ERNEST COMMUNICATIONS, INC.  
AND  
BELLSOUTH TELECOMMUNICATIONS, INC.  
DATED APRIL 27, 2000**

Pursuant to this Amendment, (the "Amendment"), Ernest Communications, Inc. ("ECI") a Georgia corporation, and BellSouth Telecommunications, Inc. ("BellSouth") a Georgia corporation, hereinafter referred to collectively as the "Parties," hereby agree to amend that certain Interconnection Agreement between the Parties dated April 27, 2000 ("Agreement").

WHEREAS, BellSouth and ECI entered into the Agreement on April 27, 2000 for the states of Alabama, Florida, Georgia, Kentucky, Louisiana (TSP), Mississippi, North Carolina, South Carolina and Tennessee, and;

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

1. Attachment 2, Exhibit C of the Agreement is hereby modified to include the rates for 2-Wire Voice Grade Loop with 2-Wire Line Port PBX for Loop/Port Combinations and attached hereto as Exhibit 1.
2. All of the other provisions of the Agreement, dated April 27, 2000, shall remain in full force and effect.
3. Either or both of the Parties is authorized to submit this Amendment to the respective state regulatory authorities for approval subject to Section 252(e) of the Federal Telecommunications Act of 1996.

IN WITNESS WHEREOF, the Parties hereto have caused this Amendment to be executed by their respective duly authorized representatives on the date indicated below.



<b>BellSouth Telecommunications, Inc.</b>	<b>Ernest Communications, Inc.</b>
<b>By: Original Signature on File</b>	<b>By: Original Signature on File</b>
<b>Name: C. W. Boltz</b>	<b>Name: Paul Masters</b>
<b>Title: Managing Director</b>	<b>Title: President</b>
<b>Date: 7/5/01</b>	<b>Date: 6/29/01</b>

**BELLSOUTH / CLEC -1 RATES**  
**Unbundled Network Elements**  
**ALABAMA**

Attachment 2  
Exhibit C  
Rates - Page 1

CATEGORY	NOTES	UNBUNDLED NETWORK ELEMENT	Interim	Zone	BCS	USOC	RATES				OSS RATES					
											Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l
								Nonrecurring		Nonrecurring						
									Disconnect							
							Rec	First	Add'l	First	Add'l	SOMECH	SOMAN	SOMAN	SOMAN	SOMAN
<p>Geographically Deaveraged UNE Zones and applicable rates have been established for certain services, as shown in this Agreement. Where Geographically Deaveraged UNE Zones and applicable rates are established, Statewide rates are obsolete. Further, BellSouth is in the process of enhancing its billing systems in order to accommodate this Geographically Deaveraged UNE Zone Rate Structure. Until these enhancements are accomplished, estimated to be mid 2001, the UNE Zone 1 rate will be billed for all services residing in Zones 1, 2, 3 or 4, i.e., Rates for services residing in UNE Zones 2, 3 and UNE Zone 4, where applicable, will not be billed. Once billing enhancements are complete, all applicable UNE Zone rates reflected in this Agreement will be billed. Reference Internet Website <a href="http://www.interconnection.bellsouth.com/become_clec/docs/interconnection/deavuzns.pdf">http://www.interconnection.bellsouth.com/become_clec/docs/interconnection/deavuzns.pdf</a> to view Geographically Deaveraged UNE Zone Designations by Central Office.</p>																
<b>UNBUNDLED PORT/LOOP COMBINATIONS</b>																
		<b>UNBUNDLED PORT/LOOP COMBINATIONS - COST BASED RATES</b>														
<p>Cost Based Rates are applied where BellSouth is required by FCC and/or State Commission rule to provide Unbundled Local Switching or Switch Ports.</p> <p>Features shall apply to the Unbundled Port/Loop Combination - Cost Based Rate section in the same manner as they are applied to the Stand-Alone Unbundled Port section of this Rate Exhibit.</p> <p>End Office and Tandem Switching Usage and Common Transport Usage rates in the Port section of this rate exhibit shall apply to all combinations of loop/port network elements except for UNE Coin Port/Loop Combinations.</p> <p>For Georgia, the recurring UNE Port and Loop charges listed apply to Currently Combined and Not Currently Combined Combos and the first and additional Port nonrecurring charges apply to Not Currently Combined Combos. For Currently Combined Combos in GA and all other states, the nonrecurring charges shall be those identified in the Nonrecurring - Currently Combined sections.</p>																
		<b>2-WIRE VOICE GRADE LOOP WITH 2-WIRE LINE PORT (RES - PBX)</b>														
		<b>UNE Port/Loop Combination Rates</b>														
		2-Wire VG Loop/Port Combo - Zone 1		1			\$16.55									
		2-Wire VG Loop/Port Combo - Zone 2		2			\$25.51									
		2-Wire VG Loop/Port Combo - Zone 3		3			\$44.44									
		<b>UNE Loop Rates</b>														
		2-Wire Voice Grade Loop (SL 1) - Zone 1		1	UEPRG	UEPLX	\$14.35									
		2-Wire Voice Grade Loop (SL 1) - Zone 2		2	UEPRG	UEPLX	\$23.31									
		2-Wire Voice Grade Loop (SL 1) - Zone 3		3	UEPRG	UEPLX	\$42.24									
		<b>2-Wire Voice Grade Line Port Rates (RES - PBX)</b>														
		2-Wire VG Unbundled Combination 2-Way PBX Trunk Port - Res			UEPRG	UEPRD	\$2.20				\$3.50		\$40.71	\$9.58		
		<b>LOCAL NUMBER PORTABILITY</b>														
		Local Number Portability (1 per port)			UEPRG	LNPCP	\$3.5									
		<b>FEATURES</b>														
		All Features Offered			UEPRG	UEPVF	\$5.55	\$0.0	\$0.0		\$3.50		\$40.71	\$9.58		

**BELLSOUTH / CLEC -1 RATES**  
**Unbundled Network Elements**  
**ALABAMA**

Attachment 2  
Exhibit C  
Rates - Page 2

CATEGORY	NOTES	UNBUNDLED NETWORK ELEMENT	Interim	Zone	BCS	USOC	RATES				OSS RATES					
							Rec	First	Add'l	First	Add'l	SOMEC	SOMAN	SOMAN	SOMAN	SOMAN
		<b>NONRECURRING CHARGES (NRCs) - CURRENTLY COMBINED</b>														
		2-Wire Voice Grade Loop/ Line Port Combination (PBX) - Conversion - Switch-As-Is			UEPRG	USAC2		\$2.80	\$0.41			\$3.50		\$40.71	\$9.58	
		2-Wire Voice Grade Loop/ Line Port Combination (PBX) - Conversion - Switch with Change			UEPRG	USACC		\$2.80	\$0.41			\$3.50		\$40.71	\$9.58	
		2-Wire Voice Grade Loop / Line Port Combination - Conversion - Subsequent Database Update						\$1.44						\$8.25		
		<b>ADDITIONAL NRCs</b>														
		2-Wire Voice Grade Loop/ Line Port Combination (PBX) - Subsequent Activity			UEPRG	USAS2	\$0.0	\$0.0	\$0.0			\$3.50	\$19.99			
		PBX Subsequent Activity - Change/Rearrange Multiline Hunt Group						\$14.64	\$14.64			\$3.5	\$19.99			
		<b>2-WIRE VOICE GRADE LOOP WITH 2-WIRE LINE PORT (BUS - PBX)</b>														
		<b>UNE Port/Loop Combination Rates</b>														
		2-Wire VG Loop/Port Combo - Zone 1		1				\$16.55								
		2-Wire VG Loop/Port Combo - Zone 2		2				\$25.51								
		2-Wire VG Loop/Port Combo - Zone 3		3				\$44.44								
		<b>UNE Loop Rates</b>														
		2-Wire Voice Grade Loop (SL 1) - Zone 1		1	UEPPX	UEPLX		\$14.35								
		2-Wire Voice Grade Loop (SL 1) - Zone 2		2	UEPPX	UEPLX		\$23.31								
		2-Wire Voice Grade Loop (SL 1) - Zone 3		3	UEPPX	UEPLX		\$42.24								
		<b>2-Wire Voice Grade Line Port Rates (BUS - PBX)</b>														
		Line Side Unbundled Combination 2-Way PBX Trunk Port - Bus			UEPPX	UEPPC		\$2.20				\$3.50		\$40.71	\$9.58	
		Line Side Unbundled Outward PBX Trunk Port - Bus			UEPPX	UEPPO		\$2.20				\$3.50		\$40.71	\$9.58	
		Line Side Unbundled Incoming PBX Trunk Port - Bus			UEPPX	UEPP1		\$2.20				\$3.50		\$40.71	\$9.58	
		2-Wire Voice Unbundled 2-Way Combination PBX Alabama Calling Port			UEPPX	UEPA2		\$2.20				\$3.50		\$40.71	\$9.58	
		2-Wire Voice Unbundled PBX LD Terminal Ports			UEPPX	UEPLD		\$2.20				\$3.50		\$27.37	\$9.58	
		2-Wire Voice Unbundled 2-Way Combination PBX Usage Port			UEPPX	UEPXA		\$2.20				\$3.50		\$40.71	\$9.58	
		2-Wire Voice Unbundled PBX Toll Terminal Hotel Ports			UEPPX	UEPXB		\$2.20				\$3.50		\$40.71	\$9.58	
		2-Wire Voice Unbundled PBX LD DDD Terminals Port			UEPPX	UEPXC		\$2.20				\$3.50		\$40.71	\$9.58	
		2-Wire Voice Unbundled PBX LD Terminal Switchboard Port			UEPPX	UEPXD		\$2.20				\$3.50		\$40.71	\$9.58	
		2-Wire Voice Unbundled PBX LD Terminal Switchboard IDD Capable Port			UEPPX	UEPXE		\$2.20				\$3.50		\$40.71	\$9.58	
		2-Wire Voice Unbundled 2-Way PBX Hotel/Hospital Economy Administrative Calling Port			UEPPX	UEPXL		\$2.20				\$3.50		\$40.71	\$9.58	
		2-Wire Voice Unbundled 2-Way PBX Hotel/Hospital Economy Room Calling Port			UEPPX	UEPXM		\$2.20				\$3.50		\$40.71	\$9.58	
		2-Wire Voice Unbundled 1-Way Outgoing PBX Hotel/Hospital Discount Room Calling Port			UEPPX	UEPXO		\$2.20				\$3.50		\$40.71	\$9.58	
		2-Wire Voice Unbundled 1-Way Outgoing PBX Measured Port			UEPPX	UEPXS		\$2.20				\$3.50		\$40.71	\$9.58	
		<b>LOCAL NUMBER PORTABILITY</b>														
		Local Number Portability (1 per port)			UEPPX	LNPCP		\$3.15								
		<b>FEATURES</b>														
		All Features Offered			UEPPX	UEPVF		\$5.55	\$0.0	\$0.0		\$3.50		\$40.71	\$9.58	
		<b>NONRECURRING CHARGES (NRCs) - CURRENTLY COMBINED</b>														
		2-Wire Voice Grade Loop/ Line Port Combination (PBX) - Conversion - Switch-As-Is			UEPPX	USAC2		\$2.80	\$0.41			\$3.50		\$40.71	\$9.58	

**BELLSOUTH / CLEC -1 RATES**  
**Unbundled Network Elements**  
**ALABAMA**

Attachment 2  
Exhibit C  
Rates - Page 3

							RATES				OSS RATES					
											Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l
							Nonrecurring		Nonrecurring							
									Disconnect							
CATEGORY	NOTES	UNBUNDLED NETWORK ELEMENT	Interim	Zone	BCS	USOC	Rec	First	Add'l	First	Add'l	SOMECH	SOMAN	SOMAN	SOMAN	SOMAN
		2-Wire Voice Grade Loop/ Line Port Combination (PBX) - Conversion - Switch with Change			UEPPX	USACC		\$2.80	\$0.41			\$3.50		\$40.71	\$9.58	
		2-Wire Voice Grade Loop / Line Port Combination - Conversion - Subsequent Database Update						\$1.44						\$8.25		
		<b>ADDITIONAL NRCs</b>														
		2-Wire Voice Grade Loop/ Line Port Combination (PBX) - Subsequent Activity			UEPPX	USAS2	\$0.0	\$0.0	\$0.0			\$3.50	\$19.99			
		PBX Subsequent Activity - Change/Rearrange Multiline Hunt Group						\$14.64	\$14.64			\$3.5	\$19.99			

Attachment 2  
Exhibit C  
Rates - Page 4

Version 2Q01: 06/15/01

**BELLSOUTH / CLEC -1 RATES**  
**Unbundled Network Elements**  
**FLORIDA**

Attachment 2  
Exhibit C  
Rates - Page 5

CATEGORY	NOTES	UNBUNDLED NETWORK ELEMENT	Interim	Zone	BCS	USOC	RATES				OSS RATES					
							Rec	First	Add'l	First	Add'l	SOMEC	SOMAN	SOMAN	SOMAN	SOMAN
								Nonrecurring		Nonrecurring					Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l
										Disconnect						
		<b>NONRECURRING CHARGES (NRCs) - CURRENTLY COMBINED</b>														
		2-Wire Voice Grade Loop/ Line Port Combination (PBX) - Conversion - Switch-As-Is			UEPRG	USAC2		\$15.82	\$3.80			\$3.50		\$21.56	\$21.56	\$3.84
		2-Wire Voice Grade Loop/ Line Port Combination (PBX) - Conversion - Switch with Change			UEPRG	USACC		\$15.82	\$3.80			\$3.50		\$21.56	\$21.56	\$3.84
		<b>ADDITIONAL NRCs</b>														
		2-Wire Voice Grade Loop/ Line Port Combination (PBX) - Subsequent Activity			UEPRG	USAS2	\$0.0	\$0.0	\$0.0			\$3.50	\$19.99			
		PBX Subsequent Activity - Change/Rearrange Multiline Hunt Group						\$14.64	\$14.64			\$3.5	\$19.99			
		<b>2-WIRE VOICE GRADE LOOP WITH 2-WIRE LINE PORT (BUS - PBX)</b>														
		<b>UNE Port/Loop Combination Rates</b>														
		2-Wire VG Loop/Port Combo - Zone 1		1			\$16.25									
		2-Wire VG Loop/Port Combo - Zone 2		2			\$19.86									
		2-Wire VG Loop/Port Combo - Zone 3		3			\$25.60									
		<b>UNE Loop Rates</b>														
		2-Wire Voice Grade Loop (SL 1) - Zone 1		1	UEPPX	UEPLX	\$14.90									
		2-Wire Voice Grade Loop (SL 1) - Zone 2		2	UEPPX	UEPLX	\$18.51									
		2-Wire Voice Grade Loop (SL 1) - Zone 3		3	UEPPX	UEPLX	\$24.25									
		<b>2-Wire Voice Grade Line Port Rates (BUS - PBX)</b>														
		Line Side Unbundled Combination 2-Way PBX Trunk Port - Bus			UEPPX	UEPPC	\$1.35					\$3.50		\$21.56	\$21.56	\$3.84
		Line Side Unbundled Outward PBX Trunk Port - Bus			UEPPX	UEPPO	\$1.35					\$3.50		\$21.56	\$21.56	\$3.84
		Line Side Unbundled Incoming PBX Trunk Port - Bus			UEPPX	UEPP1	\$1.35					\$3.50		\$21.56	\$21.56	\$3.84
		2-Wire Voice Unbundled PBX LD Terminal Ports			UEPPX	UEPLD	\$1.35					\$3.50		\$21.56	\$21.56	\$3.84
		2-Wire Voice Unbundled 2-Way Combination PBX Usage Port			UEPPX	UEPXA	\$1.35					\$3.50		\$21.56	\$21.56	\$3.84
		2-Wire Voice Unbundled PBX Toll Terminal Hotel Ports			UEPPX	UEPXB	\$1.35					\$3.50		\$21.56	\$21.56	\$3.84
		2-Wire Voice Unbundled PBX LD DDD Terminals Port			UEPPX	UEPXC	\$1.35					\$3.50		\$21.56	\$21.56	\$3.84
		2-Wire Voice Unbundled PBX LD Terminal Switchboard Port			UEPPX	UEPXD	\$1.35					\$3.50		\$21.56	\$21.56	\$3.84
		2-Wire Voice Unbundled PBX LD Terminal Switchboard IDD Capable Port			UEPPX	UEPXE	\$1.35					\$3.50		\$21.56	\$21.56	\$3.84
		2-Wire Voice Unbundled 2-Way PBX Hotel/Hospital Economy Administrative Calling Port			UEPPX	UEPXL	\$1.35					\$3.50		\$21.56	\$21.56	\$3.84
		2-Wire Voice Unbundled 2-Way PBX Hotel/Hospital Economy Room Calling Port			UEPPX	UEPXM	\$1.35					\$3.50		\$21.56	\$21.56	\$3.84
		2-Wire Voice Unbundled 1-Way Outgoing PBX Hotel/Hospital Discount Room Calling Port			UEPPX	UEPXO	\$1.35					\$3.50		\$21.56	\$21.56	\$3.84
		2-Wire Voice Unbundled 1-Way Outgoing PBX Measured Port			UEPPX	UEPXS	\$1.35					\$3.50		\$21.56	\$21.56	\$3.84
		<b>LOCAL NUMBER PORTABILITY</b>														
		Local Number Portability (1 per port)			UEPPX	LNPCP	\$3.15									
		<b>FEATURES</b>														
		All Features Offered			UEPPX	UEPVF	\$3.40	\$0.0	\$0.0			\$3.50		\$21.56	\$21.56	\$3.84
		<b>NONRECURRING CHARGES (NRCs) - CURRENTLY COMBINED</b>														
		2-Wire Voice Grade Loop/ Line Port Combination (PBX) - Conversion - Switch-As-Is			UEPPX	USAC2		\$15.82	\$3.80			\$3.50		\$21.56	\$21.56	\$3.84
		2-Wire Voice Grade Loop/ Line Port Combination (PBX) - Conversion - Switch with Change			UEPPX	USACC		\$15.82	\$3.80			\$3.50		\$21.56	\$21.56	\$3.84
		<b>ADDITIONAL NRCs</b>														

**BELLSOUTH / CLEC -1 RATES**  
**Unbundled Network Elements**  
**FLORIDA**

Attachment 2  
Exhibit C  
Rates - Page 6

							RATES					OSS RATES					
												Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l
CATEGORY	NOTES	UNBUNDLED NETWORK ELEMENT	Interim	Zone	BCS	USOC	Rec	First	Add'l	First	Add'l	SOME	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN
		2-Wire Voice Grade Loop/ Line Port Combination (PBX) - Subsequent Activity			UEPPX	USAS2	\$0.0	\$0.0	\$0.0			\$3.50	\$19.99				
		PBX Subsequent Activity - Change/Rearrange Multiline Hunt Group						\$14.64	\$14.64			\$3.5	\$19.99				

**BELLSOUTH / CLEC -1 RATES**  
**Unbundled Network Elements**  
**GEORGIA**

Attachment 2  
Exhibit C  
Rates - Page 7

							RATES				OSS RATES					
											Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l
							Nonrecurring		Nonrecurring							
									Disconnect							
CATEGORY	NOTES	UNBUNDLED NETWORK ELEMENT	Interim	Zone	BCS	USOC	Rec	First	Add'l	First	Add'l	SOMECH	SOMAN	SOMAN	SOMAN	SOMAN
	Geographically Deaveraged UNE Zones and applicable rates have been established for certain services, as shown in this Agreement. Where Geographically Deaveraged UNE Zones and applicable rates are established, Statewide rates are obsolete. Further, BellSouth is in the process of enhancing its billing systems in order to accommodate this Geographically Deaveraged UNE Zone Rate Structure. Until these enhancements are accomplished, estimated to be mid 2001, the UNE Zone 1 rate will be billed for all services residing in Zones 1, 2, 3 or 4, i.e., Rates for services residing in UNE Zones 2, 3 and UNE Zone 4, where applicable, will not be billed. Once billing enhancements are complete, all applicable UNE Zone rates reflected in this Agreement will be billed. Reference Internet Website <a href="http://www.interconnection.bellsouth.com/become_clec/docs/interconnection/deavuzns.pdf">http://www.interconnection.bellsouth.com/become_clec/docs/interconnection/deavuzns.pdf</a> to view Geographically Deaveraged UNE Zone Designations by Central Office.															
<b>UNBUNDLED PORT/LOOP COMBINATIONS</b>																
	<b>UNBUNDLED PORT/LOOP COMBINATIONS - COST BASED RATES</b>															
	Cost Based Rates are applied where BellSouth is required by FCC and/or State Commission rule to provide Unbundled Local Switching or Switch Ports.															
	Features shall apply to the Unbundled Port/Loop Combination - Cost Based Rate section in the same manner as they are applied to the Stand-Alone Unbundled Port section of this Rate Exhibit.															
	End Office and Tandem Switching Usage and Common Transport Usage rates in the Port section of this rate exhibit shall apply to all combinations of loop/port network elements except for UNE Coin Port/Loop Combinations.															
	For Georgia, the recurring UNE Port and Loop charges listed apply to Currently Combined and Not Currently Combined Combos and the first and additional Port nonrecurring charges apply to Not Currently Combined Combos. For Currently Combined Combos in GA and all other states, the nonrecurring charges shall be those identified in the Nonrecurring - Currently Combined sections.															
	<b>2-WIRE VOICE GRADE LOOP WITH 2-WIRE LINE PORT (RES - PBX)</b>															
	<b>UNE Port/Loop Combination Rates</b>															
		2-Wire VG Loop/Port Combo - Zone 1		1				\$12.59								
		2-Wire VG Loop/Port Combo - Zone 2		2				\$14.26								
		2-Wire VG Loop/Port Combo - Zone 3		3				\$21.62								
	<b>UNE Loop Rates</b>															
		2-Wire Voice Grade Loop (SL 1) - Zone 1		1	UEPRG	UEPLX		\$10.80								
		2-Wire Voice Grade Loop (SL 1) - Zone 2		2	UEPRG	UEPLX		\$12.47								
		2-Wire Voice Grade Loop (SL 1) - Zone 3		3	UEPRG	UEPLX		\$19.83								
	<b>2-Wire Voice Grade Line Port Rates (RES - PBX)</b>															
		2-Wire VG Unbundled Combination 2-Way PBX Trunk Port - Res			UEPRG	UEPRD		\$1.79	\$22.14	\$15.25	\$8.45	\$3.91	\$3.50	\$33.67	\$7.88	
	<b>LOCAL NUMBER PORTABILITY</b>															
		Local Number Portability (1 per port)			UEPRG	LNPCP		\$3.5								
	<b>FEATURES</b>															
		All Features Offered			UEPRG	UEPVF		\$0.00	\$0.0	\$0.0		\$3.5	\$33.67	\$7.88		



**BELLSOUTH / CLEC -1 RATES**  
**Unbundled Network Elements**  
**GEORGIA**

Attachment 2  
Exhibit C  
Rates - Page 8

CATEGORY	NOTES	UNBUNDLED NETWORK ELEMENT	Interim	Zone	BCS	USOC	Rec	RATES				OSS RATES					
								First	Add'l	First	Add'l	SOMEC	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN
Nonrecurring		Nonrecurring															
									Disconnect								
CATEGORY	NOTES	UNBUNDLED NETWORK ELEMENT	Interim	Zone	BCS	USOC	Rec	First	Add'l	First	Add'l	SOMEC	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN
	NONRECURRING CHARGES (NRCs) - CURRENTLY COMBINED																
		2-Wire Voice Grade Loop/ Line Port Combination (PBX) - Conversion - Switch-As-Is			UEPRG	USAC2		\$2.01	\$0.3108			\$3.50		\$33.67	\$7.88		
		2-Wire Voice Grade Loop/ Line Port Combination (PBX) - Conversion - Switch with Change			UEPRG	USACC		\$2.01	\$0.3108			\$3.50		\$33.67	\$7.88		
	ADDITIONAL NRCs																
		2-Wire Voice Grade Loop/ Line Port Combination (PBX) - Subsequent Activity			UEPRG	USAS2	\$0.0	\$0.0	\$0.0			\$3.50	\$19.99				
		PBX Subsequent Activity - Change/Rearrange Multiline Hunt Group						\$14.64	\$14.64			\$3.5	\$19.99				
	2-WIRE VOICE GRADE LOOP WITH 2-WIRE LINE PORT (BUS - PBX)																
	UNE Port/Loop Combination Rates																
		2-Wire VG Loop/Port Combo - Zone 1		1			\$12.59										
		2-Wire VG Loop/Port Combo - Zone 2		2			\$14.26										
		2-Wire VG Loop/Port Combo - Zone 3		3			\$21.62										
	UNE Loop Rates																
		2-Wire Voice Grade Loop (SL 1) - Zone 1		1	UEPPX	UEPLX	\$10.80										
		2-Wire Voice Grade Loop (SL 1) - Zone 2		2	UEPPX	UEPLX	\$12.47										
		2-Wire Voice Grade Loop (SL 1) - Zone 3		3	UEPPX	UEPLX	\$19.83										
	2-Wire Voice Grade Line Port Rates (BUS - PBX)																
		Line Side Unbundled Combination 2-Way PBX Trunk Port - Bus			UEPPX	UEPPC	\$1.79	\$22.14	\$15.25	\$8.45	\$3.91	\$3.50		\$33.67	\$7.88		
		Line Side Unbundled Outward PBX Trunk Port - Bus			UEPPX	UEPPO	\$1.79	\$22.14	\$15.25	\$8.45	\$3.91	\$3.50		\$33.67	\$7.88		
		Line Side Unbundled Incoming PBX Trunk Port - Bus			UEPPX	UEPP1	\$1.79	\$22.14	\$15.25	\$8.45	\$3.91	\$3.50		\$33.67	\$7.88		
		2-Wire Voice Unbundled PBX LD Terminal Ports			UEPPX	UEPLD	\$1.79	\$22.14	\$15.25	\$8.45	\$3.91	\$3.50		\$33.67	\$7.88		
		2-Wire Voice Unbundled 2-Way Combination PBX Usage Port			UEPPX	UEPXA	\$1.79	\$22.14	\$15.25	\$8.45	\$3.91	\$3.50		\$37.06	\$7.88		
		2-Wire Voice Unbundled PBX Toll Terminal Hotel Ports			UEPPX	UEPXB	\$1.79	\$22.14	\$15.25	\$8.45	\$3.91	\$3.50		\$33.67	\$7.88		
		2-Wire Voice Unbundled PBX LD DDD Terminals Port			UEPPX	UEPXC	\$1.79	\$22.14	\$15.25	\$8.45	\$3.91	\$3.50		\$33.67	\$7.88		
		2-Wire Voice Unbundled PBX LD Terminal Switchboard Port			UEPPX	UEPXD	\$1.79	\$22.14	\$15.25	\$8.45	\$3.91	\$3.50		\$33.67	\$7.88		
		2-Wire Voice Unbundled PBX LD Terminal Switchboard IDD Capable Port			UEPPX	UEPXE	\$1.79	\$22.14	\$15.25	\$8.45	\$3.91	\$3.50		\$33.67	\$7.88		
		2-Wire Voice Unbundled 2-Way PBX Hotel/Hospital Economy Administrative Calling Port			UEPPX	UEPXL	\$1.79	\$22.14	\$15.25	\$8.45	\$3.91	\$3.50		\$33.67	\$7.88		
		2-Wire Voice Unbundled 2-Way PBX Hotel/Hospital Economy Room Calling Port			UEPPX	UEPXM	\$1.79	\$22.14	\$15.25	\$8.45	\$3.91	\$3.50		\$33.67	\$7.88		
		2-Wire Voice Unbundled 1-Way Outgoing PBX Hotel/Hospital Discount Room Calling Port			UEPPX	UEPXO	\$1.79	\$22.14	\$15.25	\$8.45	\$3.91	\$3.50		\$33.67	\$7.88		
		2-Wire Voice Unbundled 1-Way Outgoing PBX Measured Port			UEPPX	UEPXS	\$1.79	\$22.14	\$15.25	\$8.45	\$3.91	\$3.50		\$33.67	\$7.88		
	LOCAL NUMBER PORTABILITY																
		Local Number Portability (1 per port)			UEPPX	LNPCP	\$3.15										
	FEATURES																
		All Features Offered			UEPPX	UEPVF	\$0.00	\$0.0	\$0.0			\$3.5		\$33.67	\$7.88		
	NONRECURRING CHARGES (NRCs) - CURRENTLY COMBINED																
		2-Wire Voice Grade Loop/ Line Port Combination (PBX) - Conversion - Switch-As-Is			UEPPX	USAC2		\$2.01	\$0.3108			\$3.50		\$33.67	\$7.88		
		2-Wire Voice Grade Loop/ Line Port Combination (PBX) - Conversion - Switch with Change			UEPPX	USACC		\$2.01	\$0.3108			\$3.50		\$33.67	\$7.88		

BELLSOUTH / CLEC -1 RATES  
Unbundled Network Elements  
GEORGIA

Attachment 2  
Exhibit C  
Rates - Page 9

							RATES					OSS RATES					
												Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l
CATEGORY	NOTES	UNBUNDLED NETWORK ELEMENT	Interim	Zone	BCS	USOC	Rec	First	Add'l	First	Add'l	SOMECH	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN
	ADDITIONAL NRCs																
		2-Wire Voice Grade Loop/ Line Port Combination (PBX) - Subsequent Activity			UEPPX	USAS2	\$0.0	\$0.0	\$0.0			\$3.50	\$19.99				
		PBX Subsequent Activity - Change/Rearrange Multiline Hunt Group						\$14.64	\$14.64			\$3.5	\$19.99				

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Exhibit C  
Rates - Page 10

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Attachment 2  
Exhibit C  
Rates - Page 11

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**BELLSOUTH / CLEC -1 RATES**  
**Unbundled Network Elements**  
**KENTUCKY**

Attachment 2  
Exhibit C  
Rates - Page 12

							RATES					OSS RATES					
												Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l
CATEGORY	NOTES	UNBUNDLED NETWORK ELEMENT	Interim	Zone	BCS	USOC	Rec	First	Add'l	First	Add'l	SOMEK	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN
		2-Wire Voice Grade Loop/ Line Port Combination (PBX) - Conversion - Switch-As-Is			UEPPX	USAC2		\$10.00	\$10.00			\$3.50		\$19.99	\$19.99		
		2-Wire Voice Grade Loop/ Line Port Combination (PBX) - Conversion - Switch with Change			UEPPX	USACC		\$10.00	\$10.00			\$3.50		\$19.99	\$19.99		
		<b>ADDITIONAL NRCs</b>															
		2-Wire Voice Grade Loop/ Line Port Combination (PBX) - Subsequent Activity			UEPPX	USAS2	\$0.0	\$0.0	\$0.0			\$3.50	\$19.99				
		PBX Subsequent Activity - Change/Rearrange Multiline Hunt Group						\$14.64	\$14.64			\$3.5	\$19.99				

Attachment 2  
Exhibit C  
Rates - Page 13

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**BELLSOUTH / CLEC -1 RATES**  
**Unbundled Network Elements**  
**LOUISIANA**

Attachment 2  
Exhibit C  
Rates - Page 14

CATEGORY	NOTES	UNBUNDLED NETWORK ELEMENT	Interim	Zone	BCS	USOC	RATES				OSS RATES					
							Rec	First	Add'l	First	Add'l	SOMEC	SOMAN	SOMAN	SOMAN	SOMAN
		<b>NONRECURRING CHARGES (NRCs) - CURRENTLY COMBINED</b>														
		2-Wire Voice Grade Loop/ Line Port Combination (PBX) - Conversion - Switch-As-Is			UEPRG	USAC2		\$3.80	\$0.29			\$3.50		\$31.92	\$7.32	
		2-Wire Voice Grade Loop/ Line Port Combination (PBX) - Conversion - Switch with Change			UEPRG	USACC		\$3.80	\$0.29			\$3.50		\$31.92	\$7.32	
		2-Wire Voice Grade Loop / Line Port Combination - Conversion - Subsequent Database Update						\$2.11						\$5.12		
		<b>ADDITIONAL NRCs</b>														
		2-Wire Voice Grade Loop/ Line Port Combination (PBX) - Subsequent Activity			UEPRG	USAS2	\$0.0	\$0.0	\$0.0			\$3.50	\$19.99			
		PBX Subsequent Activity - Change/Rearrange Multiline Hunt Group						\$14.64	\$14.64			\$3.5	\$19.99			
		<b>2-WIRE VOICE GRADE LOOP WITH 2-WIRE LINE PORT (BUS - PBX)</b>														
		<b>UNE Port/Loop Combination Rates</b>														
		2-Wire VG Loop/Port Combo - Zone 1		1			\$16.60									
		2-Wire VG Loop/Port Combo - Zone 2		2			\$26.69									
		2-Wire VG Loop/Port Combo - Zone 3		3			\$51.85									
		<b>UNE Loop Rates</b>														
		2-Wire Voice Grade Loop (SL 1) - Zone 1		1	UEPPX	UEPLX	\$14.05									
		2-Wire Voice Grade Loop (SL 1) - Zone 2		2	UEPPX	UEPLX	\$24.14									
		2-Wire Voice Grade Loop (SL 1) - Zone 3		3	UEPPX	UEPLX	\$49.30									
		<b>2-Wire Voice Grade Line Port Rates (BUS - PBX)</b>														
		Line Side Unbundled Combination 2-Way PBX Trunk Port - Bus			UEPPX	UEPPC	\$2.55					\$3.50		\$31.92	\$7.32	
		Line Side Unbundled Outward PBX Trunk Port - Bus			UEPPX	UEPPO	\$2.55					\$3.50		\$31.92	\$7.32	
		Line Side Unbundled Incoming PBX Trunk Port - Bus			UEPPX	UEPP1	\$2.55					\$3.50		\$31.92	\$7.32	
		2-Wire Voice Unbundled 2-Way Combination PBX Louisiana Calling Port			UEPPX	UEPL2	\$2.55					\$3.50		\$31.92	\$7.32	
		2-Wire Voice Unbundled PBX LD Terminal Ports			UEPPX	UEPLD	\$2.55					\$3.50		\$31.92	\$7.32	
		2-Wire Voice Unbundled 2-Way Combination PBX Usage Port			UEPPX	UEPXA	\$2.55					\$3.50		\$31.92	\$7.32	
		2-Wire Voice Unbundled PBX Toll Terminal Hotel Ports			UEPPX	UEPXB	\$2.55					\$3.50		\$31.92	\$7.32	
		2-Wire Voice Unbundled PBX LD DDD Terminals Port			UEPPX	UEPXC	\$2.55					\$3.50		\$31.92	\$7.32	
		2-Wire Voice Unbundled PBX LD Terminal Switchboard Port			UEPPX	UEPXD	\$2.55					\$3.50		\$31.92	\$7.32	
		2-Wire Voice Unbundled PBX LD Terminal Switchboard IDD Capable Port			UEPPX	UEPXE	\$2.55					\$3.50		\$31.92	\$7.32	
		2-Wire Voice Unbundled 2-Way PBX Louisiana Local Optional Calling Port			UEPPX	UEP XK	\$2.55					\$3.50		\$31.92	\$7.32	
		2-Wire Voice Unbundled 2-Way PBX Hotel/Hospital Economy Administrative Calling Port			UEPPX	UEPXL	\$2.55					\$3.50		\$31.92	\$7.32	
		2-Wire Voice Unbundled 2-Way PBX Hotel/Hospital Economy Room Calling Port			UEPPX	UEPXM	\$2.55					\$3.50		\$31.92	\$7.32	
		2-Wire Voice Unbundled 1-Way Outgoing PBX Hotel/Hospital Discount Room Calling Port			UEPPX	UEP XO	\$2.55					\$3.50		\$31.92	\$7.32	
		2-Wire Voice Unbundled 1-Way Outgoing PBX Louisiana Local Discount Calling Port			UEPPX	UEPXP	\$2.55					\$3.50		\$31.92	\$7.32	
		2-Wire Voice Unbundled 1-Way Outgoing PBX Measured Port			UEPPX	UEPXS	\$2.55					\$3.50		\$31.92	\$7.32	
		<b>LOCAL NUMBER PORTABILITY</b>														
		Local Number Portability (1 per port)			UEPPX	LNPCP	\$3.15									
		<b>FEATURES</b>														
		All Features Offered			UEPPX	UEPVF	\$8.28	\$0.0	\$0.0			\$3.50		\$31.92	\$7.32	

**BELLSOUTH / CLEC -1 RATES**  
**Unbundled Network Elements**  
**LOUISIANA**

Attachment 2  
Exhibit C  
Rates - Page 15

							RATES				OSS RATES					
											Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l
CATEGORY	NOTES	UNBUNDLED NETWORK ELEMENT	Interim	Zone	BCS	USOC	Rec	First	Add'l	First	Add'l	SOMECH	SOMAN	SOMAN	SOMAN	SOMAN
		<b>NONRECURRING CHARGES (NRCs) - CURRENTLY COMBINED</b>														
		2-Wire Voice Grade Loop/ Line Port Combination (PBX) - Conversion - Switch-As-Is			UEPPX	USAC2		\$3.80	\$0.29			\$3.50		\$31.92	\$7.32	
		2-Wire Voice Grade Loop/ Line Port Combination (PBX) - Conversion - Switch with Change			UEPPX	USACC		\$3.80	\$0.29			\$3.50		\$31.92	\$7.32	
		2-Wire Voice Grade Loop / Line Port Combination - Conversion - Subsequent Database Update						\$2.11						\$5.12		
		<b>ADDITIONAL NRCs</b>														
		2-Wire Voice Grade Loop/ Line Port Combination (PBX) - Subsequent Activity			UEPPX	USAS2	\$0.0	\$0.0	\$0.0			\$3.50	\$19.99			
		PBX Subsequent Activity - Change/Rearrange Multiline Hunt Group						\$14.64	\$14.64			\$3.5	\$19.99			



**BELLSOUTH / CLEC -1 RATES**  
**Unbundled Network Elements**  
**MISSISSIPPI**

Attachment 2  
Exhibit C  
Rates - Page 16

							RATES				OSS RATES					
											Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l
							Nonrecurring		Nonrecurring							
CATEGORY	NOTES	UNBUNDLED NETWORK ELEMENT	Interim	Zone	BCS	USOC	Rec	First	Add'l	First	Add'l	SOMECH	SOMAN	SOMAN	SOMAN	SOMAN
	Geographically Deaveraged UNE Zones and applicable rates have been established for certain services, as shown in this Agreement. Where Geographically Deaveraged UNE Zones and applicable rates are established, Statewide rates are obsolete. Further, BellSouth is in the process of enhancing its billing systems in order to accommodate this Geographically Deaveraged UNE Zone Rate Structure. Until these enhancements are accomplished, estimated to be mid 2001, the UNE Zone 1 rate will be billed for all services residing in Zones 1, 2, 3 or 4, i.e., Rates for services residing in UNE Zones 2, 3 and UNE Zone 4, where applicable, will not be billed. Once billing enhancements are complete, all applicable UNE Zone rates reflected in this Agreement will be billed. Reference Internet Website <a href="http://www.interconnection.bellsouth.com/become_clec/docs/interconnection/deavuzns.pdf">http://www.interconnection.bellsouth.com/become_clec/docs/interconnection/deavuzns.pdf</a> to view Geographically Deaveraged UNE Zone Designations by Central Office.															
<b>UNBUNDLED PORT/LOOP COMBINATIONS</b>																
	<b>UNBUNDLED PORT/LOOP COMBINATIONS - COST BASED RATES</b>															
	Cost Based Rates are applied where BellSouth is required by FCC and/or State Commission rule to provide Unbundled Local Switching or Switch Ports.															
	Features shall apply to the Unbundled Port/Loop Combination - Cost Based Rate section in the same manner as they are applied to the Stand-Alone Unbundled Port section of this Rate Exhibit.															
	End Office and Tandem Switching Usage and Common Transport Usage rates in the Port section of this rate exhibit shall apply to all combinations of loop/port network elements except for UNE Coin Port/Loop Combinations.															
	For Georgia, the recurring UNE Port and Loop charges listed apply to Currently Combined and Not Currently Combined Combos and the first and additional Port nonrecurring charges apply to Not Currently Combined Combos. For Currently Combined Combos in GA and all other states, the nonrecurring charges shall be those identified in the Nonrecurring - Currently Combined sections.															
	<b>2-WIRE VOICE GRADE LOOP WITH 2-WIRE LINE PORT (RES - PBX)</b>															
	<b>UNE Port/Loop Combination Rates</b>															
		2-Wire VG Loop/Port Combo - Zone 1		1				\$16.71								
		2-Wire VG Loop/Port Combo - Zone 2		2				\$21.45								
		2-Wire VG Loop/Port Combo - Zone 3		3				\$29.75								
		2-Wire VG Loop/Port Combo - Zone 4		4				\$38.59								
	<b>UNE Loop Rates</b>															
		2-Wire Voice Grade Loop (SL 1) - Zone 1		1	UEPRG	UEPLX		\$14.59								
		2-Wire Voice Grade Loop (SL 1) - Zone 2		2	UEPRG	UEPLX		\$19.33								
		2-Wire Voice Grade Loop (SL 1) - Zone 3		3	UEPRG	UEPLX		\$27.63								
		2-Wire Voice Grade Loop (SL 1) - Zone 4		4	UEPRG	UEPLX		\$36.47								
	<b>2-Wire Voice Grade Line Port Rates (RES - PBX)</b>															
		2-Wire VG Unbundled Combination 2-Way PBX Trunk Port - Res			UEPRG	UEPRD		\$2.12				\$3.50		\$43.52	\$9.99	
	<b>LOCAL NUMBER PORTABILITY</b>															
		Local Number Portability (1 per port)			UEPRG	LNPCP		\$3.5								

**BELLSOUTH / CLEC -1 RATES**  
**Unbundled Network Elements**  
**MISSISSIPPI**

Attachment 2  
Exhibit C  
Rates - Page 17

							RATES				OSS RATES					
											Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l
Nonrecurring		Nonrecurring														
								Disconnect								
CATEGORY	NOTES	UNBUNDLED NETWORK ELEMENT	Interim	Zone	BCS	USOC	Rec	First	Add'l	First	Add'l	SOMEC	SOMAN	SOMAN	SOMAN	SOMAN
	FEATURES															
		All Features Offered			UEPRG	UEPVF	\$6.75	\$0.0	\$0.0			\$3.5		\$43.52	\$9.99	
		NONRECURRING CHARGES (NRCs) - CURRENTLY COMBINED														
		2-Wire Voice Grade Loop/ Line Port Combination (PBX) - Conversion - Switch-As-Is			UEPRG	USAC2		\$5.20	\$0.41			\$3.50		\$43.52	\$9.99	
		2-Wire Voice Grade Loop/ Line Port Combination (PBX) - Conversion - Switch with Change			UEPRG	USACC		\$5.20	\$0.41			\$3.50		\$43.52	\$9.99	
		2-Wire Voice Grade Loop / Line Port Combination - Conversion - Subsequent Database Update						\$2.87						\$6.88		
		ADDITIONAL NRCs														
		2-Wire Voice Grade Loop/ Line Port Combination (PBX) - Subsequent Activity			UEPRG	USAS2	\$0.0	\$0.0	\$0.0			\$3.50	\$19.99			
		PBX Subsequent Activity - Change/Rearrange Multiline Hunt Group						\$14.64	\$14.64			\$3.5	\$19.99			
		2-WIRE VOICE GRADE LOOP WITH 2-WIRE LINE PORT (BUS - PBX)														
		UNE Port/Loop Combination Rates														
		2-Wire VG Loop/Port Combo - Zone 1		1			\$16.71									
		2-Wire VG Loop/Port Combo - Zone 2		2			\$21.45									
		2-Wire VG Loop/Port Combo - Zone 3		3			\$29.75									
		2-Wire VG Loop/Port Combo - Zone 4		4			\$38.59									
		UNE Loop Rates														
		2-Wire Voice Grade Loop (SL 1) - Zone 1		1	UEPPX	UEPLX	\$14.59									
		2-Wire Voice Grade Loop (SL 1) - Zone 2		2	UEPPX	UEPLX	\$19.33									
		2-Wire Voice Grade Loop (SL 1) - Zone 3		3	UEPPX	UEPLX	\$27.63									
		2-Wire Voice Grade Loop (SL 1) - Zone 4		4	UEPPX	UEPLX	\$36.47									
		2-Wire Voice Grade Line Port Rates (BUS - PBX)														
		Line Side Unbundled Combination 2-Way PBX Trunk Port - Bus			UEPPX	UEPPC	\$2.12					\$3.50		\$43.52	\$9.99	
		Line Side Unbundled Outward PBX Trunk Port - Bus			UEPPX	UEPPO	\$2.12					\$3.50		\$43.52	\$9.99	
		Line Side Unbundled Incoming PBX Trunk Port - Bus			UEPPX	UEPP1	\$2.12					\$3.50		\$43.52	\$9.99	
		2-Wire Voice Unbundled PBX LD Terminal Ports			UEPPX	UEPLD	\$2.12					\$3.50		\$43.52	\$9.99	
		2-Wire Voice Unbundled 2-Way Combination PBX Usage Port			UEPPX	UEPXA	\$2.12					\$3.50		\$43.52	\$9.99	
		2-Wire Voice Unbundled PBX Toll Terminal Hotel Ports			UEPPX	UEPXB	\$2.12					\$3.50		\$43.52	\$9.99	
		2-Wire Voice Unbundled PBX LD DDD Terminals Port			UEPPX	UEPXC	\$2.12					\$3.50		\$43.52	\$9.99	
		2-Wire Voice Unbundled PBX LD Terminal Switchboard Port			UEPPX	UEPXD	\$2.12					\$3.50		\$43.52	\$9.99	
		2-Wire Voice Unbundled PBX LD Terminal Switchboard IDD Capable Port			UEPPX	UEPXE	\$2.12					\$3.50		\$43.52	\$9.99	
		2-Wire Voice Unbundled 2-Way PBX Hotel/Hospital Economy Administrative Calling Port			UEPPX	UEPXL	\$2.12					\$3.50		\$43.52	\$9.99	
		2-Wire Voice Unbundled 2-Way PBX Hotel/Hospital Economy Room Calling Port			UEPPX	UEPXM	\$2.12					\$3.50		\$43.52	\$9.99	
		2-Wire Voice Unbundled 1-Way Outgoing PBX Hotel/Hospital Discount Room Calling Port			UEPPX	UEPXO	\$2.12					\$3.50		\$43.52	\$9.99	
		2-Wire Voice Unbundled 2-Way PBX Mississippi Local Economy Calling Port			UEPPX	UEPXQ	\$2.12					\$3.50		\$43.52	\$9.99	
		2-Wire Voice Unbundled 2-Way PBX Mississippi Local Optional Calling Port			UEPPX	UEPXR	\$2.12					\$3.50		\$43.52	\$9.99	
		2-Wire Voice Unbundled 1-Way Outgoing PBX Measured Port			UEPPX	UEPXS	\$2.12					\$3.50		\$43.52	\$9.99	
		LOCAL NUMBER PORTABILITY														
		Local Number Portability (1 per port)			UEPPX	LNPCP	\$3.15									
	FEATURES															

**BELLSOUTH / CLEC -1 RATES**  
**Unbundled Network Elements**  
**MISSISSIPPI**

Attachment 2  
Exhibit C  
Rates - Page 18

CATEGORY	NOTES	UNBUNDLED NETWORK ELEMENT	Interim	Zone	BCS	USOC	RATES					OSS RATES					
							Rec	First	Add'l	First	Add'l	Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l
		All Features Offered			UEPPX	UEPVF	\$6.75	\$0.0	\$0.0			\$3.5		\$43.52	\$9.99		
		<b>NONRECURRING CHARGES (NRCs) - CURRENTLY COMBINED</b>															
		2-Wire Voice Grade Loop/ Line Port Combination (PBX) - Conversion - Switch-As-Is			UEPPX	USAC2		\$5.20	\$0.41			\$3.50		\$43.52	\$9.99		
		2-Wire Voice Grade Loop/ Line Port Combination (PBX) - Conversion - Switch with Change			UEPPX	USACC		\$5.20	\$0.41			\$3.50		\$43.52	\$9.99		
		2-Wire Voice Grade Loop / Line Port Combination - Conversion - Subsequent Database Update						\$2.87						\$6.88			
		<b>ADDITIONAL NRCs</b>															
		2-Wire Voice Grade Loop/ Line Port Combination (PBX) - Subsequent Activity			UEPPX	USAS2	\$0.0	\$0.0	\$0.0			\$3.50	\$19.99				
		PBX Subsequent Activity - Change/Rearrange Multiline Hunt Group						\$14.64	\$14.64			\$3.5	\$19.99				

**BELLSOUTH / CLEC -1 RATES**  
**Unbundled Network Elements**  
**NORTH CAROLINA**

Attachment 2  
Exhibit C  
Rates - Page 19

							RATES				OSS RATES					
											Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l
							Nonrecurring		Nonrecurring							
CATEGORY	NOTES	UNBUNDLED NETWORK ELEMENT	Interim	Zone	BCS	USOC	Rec	First	Add'l	First	Add'l	SOMECH	SOMAN	SOMAN	SOMAN	SOMAN
<p>Geographically Deaveraged UNE Zones and applicable rates have been established for certain services, as shown in this Agreement. Where Geographically Deaveraged UNE Zones and applicable rates are established, Statewide rates are obsolete. Further, BellSouth is in the process of enhancing its billing systems in order to accommodate this Geographically Deaveraged UNE Zone Rate Structure. Until these enhancements are accomplished, estimated to be mid 2001, the UNE Zone 1 rate will be billed for all services residing in Zones 1, 2, 3 or 4, i.e., Rates for services residing in UNE Zones 2, 3 and UNE Zone 4, where applicable, will not be billed. Once billing enhancements are complete, all applicable UNE Zone rates reflected in this Agreement will be billed. Reference Internet Website <a href="http://www.interconnection.bellsouth.com/become_clec/docs/interconnection/deavuzns.pdf">http://www.interconnection.bellsouth.com/become_clec/docs/interconnection/deavuzns.pdf</a> to view Geographically Deaveraged UNE Zone Designations by Central Office.</p>																
<b>UNBUNDLED PORT/LOOP COMBINATIONS</b>																
	<b>UNBUNDLED PORT/LOOP COMBINATIONS - COST BASED RATES</b>															
	Cost Based Rates are applied where BellSouth is required by FCC and/or State Commission rule to provide Unbundled Local Switching or Switch Ports.															
	Features shall apply to the Unbundled Port/Loop Combination - Cost Based Rate section in the same manner as they are applied to the Stand-Alone Unbundled Port section of this Rate Exhibit.															
	End Office and Tandem Switching Usage and Common Transport Usage rates in the Port section of this rate exhibit shall apply to all combinations of loop/port network elements except for UNE Coin Port/Loop Combinations.															
	For Georgia, the recurring UNE Port and Loop charges listed apply to Currently Combined and Not Currently Combined Combos and the first and additional Port nonrecurring charges apply to Not Currently Combined Combos. For Currently Combined Combos in GA and all other states, the nonrecurring charges shall be those identified in the Nonrecurring - Currently Combined sections.															
	<b>2-WIRE VOICE GRADE LOOP WITH 2-WIRE LINE PORT (RES - PBX)</b>															
	<b>UNE Port/Loop Combination Rates</b>															
	2-Wire VG Loop/Port Combo - Statewide		sw					\$16.46								
	<b>UNE Loop Rates</b>															
	2-Wire Voice Grade Loop (SL 1) - Statewide		sw		UEPRG	UEPLX		\$14.18								
	<b>2-Wire Voice Grade Line Port Rates (RES - PBX)</b>															
	2-Wire VG Unbundled Combination 2-Way PBX Trunk Port - Res				UEPRG	UEPRD		\$2.28				\$3.50		\$40.18	\$9.45	
	<b>LOCAL NUMBER PORTABILITY</b>															
	Local Number Portability (1 per port)				UEPRG	LNPCP		\$3.5								
	<b>FEATURES</b>															
	All Features Offered				UEPRG	UEPVF		\$3.4	\$0.0	\$0.0		\$3.5		\$40.18	\$9.45	
	<b>NONRECURRING CHARGES (NRCs) - CURRENTLY COMBINED</b>															
	2-Wire Voice Grade Loop/ Line Port Combination (PBX) - Conversion - Switch-As-Is				UEPRG	USAC2		\$2.77	\$0.40			\$3.50		\$40.18	\$9.45	

**BELLSOUTH / CLEC -1 RATES**  
**Unbundled Network Elements**  
**NORTH CAROLINA**

Attachment 2  
Exhibit C  
Rates - Page 20

CATEGORY	NOTES	UNBUNDLED NETWORK ELEMENT	Interim	Zone	BCS	USOC	RATES				OSS RATES					
							Rec	First	Add'l	First	Add'l	SOMEC	SOMAN	SOMAN	SOMAN	SOMAN
		2-Wire Voice Grade Loop/ Line Port Combination (PBX) - Conversion - Switch with Change			UEPRG	USACC		\$2.77	\$0.40			\$3.50		\$40.18	\$9.45	
		2-Wire Voice Grade Loop / Line Port Combination - Conversion - Subsequent Database Update						\$1.42						\$10.27		
		<b>ADDITIONAL NRCs</b>														
		2-Wire Voice Grade Loop/ Line Port Combination (PBX) - Subsequent Activity			UEPRG	USAS2	\$0.0	\$0.0	\$0.0			\$3.50	\$19.99			
		PBX Subsequent Activity - Change/Rearrange Multiline Hunt Group						\$14.64	\$14.64			\$3.5	\$19.99			
		<b>2-WIRE VOICE GRADE LOOP WITH 2-WIRE LINE PORT (BUS - PBX)</b>														
		<b>UNE Port/Loop Combination Rates</b>														
		2-Wire VG Loop/Port Combo - Statewide		SW			\$16.46									
		<b>UNE Loop Rates</b>														
		2-Wire Voice Grade Loop (SL 1) - Statewide		SW	UEPPX	UEPLX	\$14.18									
		<b>2-Wire Voice Grade Line Port Rates (BUS - PBX)</b>														
		Line Side Unbundled Combination 2-Way PBX Trunk Port - Bus			UEPPX	UEPPC	\$2.28					\$3.50		\$40.18	\$9.45	
		Line Side Unbundled Outward PBX Trunk Port - Bus			UEPPX	UEPPO	\$2.28					\$3.50		\$40.18	\$9.45	
		Line Side Unbundled Incoming PBX Trunk Port - Bus			UEPPX	UEPP1	\$2.28					\$3.50		\$40.18	\$9.45	
		2-Wire Voice Unbundled PBX LD Terminal Ports			UEPPX	UEPLD	\$2.28					\$3.50		\$40.18	\$9.45	
		2-Wire Voice Unbundled 2-Way Combination PBX Usage Port			UEPPX	UEPXA	\$2.28					\$3.50		\$40.18	\$9.45	
		2-Wire Voice Unbundled PBX Toll Terminal Hotel Ports			UEPPX	UEPXB	\$2.28					\$3.50		\$40.18	\$9.45	
		2-Wire Voice Unbundled PBX LD DDD Terminals Port			UEPPX	UEPXC	\$2.28					\$3.50		\$40.18	\$9.45	
		2-Wire Voice Unbundled PBX LD Terminal Switchboard Port			UEPPX	UEPXD	\$2.28					\$3.50		\$40.18	\$9.45	
		2-Wire Voice Unbundled PBX LD Terminal Switchboard IDD Capable Port			UEPPX	UEPXE	\$2.28					\$3.50		\$40.18	\$9.45	
		2-Wire Voice Unbundled 2-Way PBX Hotel/Hospital Economy Administrative Calling Port			UEPPX	UEPXL	\$2.28					\$3.50		\$40.18	\$9.45	
		2-Wire Voice Unbundled 2-Way PBX Hotel/Hospital Economy Room Calling Port			UEPPX	UEPXM	\$2.28					\$3.50		\$40.18	\$9.45	
		2-Wire Voice Unbundled 1-Way Outgoing PBX Hotel/Hospital Discount Room Calling Port			UEPPX	UEPXO	\$2.28					\$3.50		\$40.18	\$9.45	
		2-Wire Voice Unbundled 1-Way Outgoing PBX Measured Port			UEPPX	UEPXS	\$2.28					\$3.50		\$40.18	\$9.45	
		<b>LOCAL NUMBER PORTABILITY</b>														
		Local Number Portability (1 per port)			UEPPX	LNPCP	\$3.15									
		<b>FEATURES</b>														
		All Features Offered			UEPPX	UEPVF	\$3.4	\$0.0	\$0.0			\$3.5		\$40.18	\$9.45	
		<b>NONRECURRING CHARGES (NRCs) - CURRENTLY COMBINED</b>														
		2-Wire Voice Grade Loop/ Line Port Combination (PBX) - Conversion - Switch-As-Is			UEPPX	USAC2		\$2.77	\$0.40			\$3.50		\$40.18	\$9.45	
		2-Wire Voice Grade Loop/ Line Port Combination (PBX) - Conversion - Switch with Change			UEPPX	USACC		\$2.77	\$0.40			\$3.50		\$40.18	\$9.45	
		2-Wire Voice Grade Loop / Line Port Combination - Conversion - Subsequent Database Update						\$1.42						\$10.27		
		<b>ADDITIONAL NRCs</b>														
		2-Wire Voice Grade Loop/ Line Port Combination (PBX) - Subsequent Activity			UEPPX	USAS2	\$0.0	\$0.0	\$0.0			\$3.50	\$19.99			
		PBX Subsequent Activity - Change/Rearrange Multiline Hunt Group						\$14.64	\$14.64			\$3.5	\$19.99			

**BELLSOUTH / CLEC -1 RATES**  
**Unbundled Network Elements**  
**SOUTH CAROLINA**

Attachment 2  
Exhibit C  
Rates - Page 21

							RATES				OSS RATES						
											Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l	
CATEGORY	NOTES	UNBUNDLED NETWORK ELEMENT	Interim	Zone	BCS	USOC	Rec	First	Add'l	First	Add'l	SOMECH	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN
	Geographically Deaveraged UNE Zones and applicable rates have been established for certain services, as shown in this Agreement. Where Geographically Deaveraged UNE Zones and applicable rates are established, Statewide rates are obsolete. Further, BellSouth is in the process of enhancing its billing systems in order to accomodate this Geographically Deaveraged UNE Zone Rate Structure. Until these enhancements are accomplished, estimated to be mid 2001, the UNE Zone 1 rate will be billed for all services residing in Zones 1, 2, 3 or 4, i.e., Rates for services residing in UNE Zones 2, 3 and UNE Zone 4, where applicable, will not be billed. Once billing enhancements are complete, all applicable UNE Zone rates reflected in this Agreement will be billed. Reference Internet Website <a href="http://www.interconnection.bellsouth.com/become_clec/docs/interconnection/deavuzns.pdf">http://www.interconnection.bellsouth.com/become_clec/ docs/interconnection/deavuzns.pdf</a> to view Geographically Deaveraged UNE Zone Designations by Central Office.																
UNBUNDLED PORT/LOOP COMBINATIONS																	
UNBUNDLED PORT/LOOP COMBINATIONS - COST BASED RATES																	
																	</

**BELLSOUTH / CLEC -1 RATES**  
**Unbundled Network Elements**  
**SOUTH CAROLINA**

Attachment 2  
Exhibit C  
Rates - Page 22

CATEGORY	NOTES	UNBUNDLED NETWORK ELEMENT	Interim	Zone	BCS	USOC	RATES					OSS RATES					
												Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l
							Nonrecurring		Nonrecurring								
									Disconnect								
CATEGORY	NOTES	UNBUNDLED NETWORK ELEMENT	Interim	Zone	BCS	USOC	Rec	First	Add'l	First	Add'l	SOMECE	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN
		<b>NONRECURRING CHARGES (NRCs) - CURRENTLY COMBINED</b>															
		2-Wire Voice Grade Loop/ Line Port Combination (PBX) - Conversion - Switch-As-Is			UEPRG	USAC2		\$1.59	\$0.40			\$3.50		\$43.19	\$9.91		
		2-Wire Voice Grade Loop/ Line Port Combination (PBX) - Conversion - Switch with Change			UEPRG	USACC		\$1.59	\$0.40			\$3.50		\$43.19	\$9.91		
		2-Wire Voice Grade Loop / Line Port Combination - Conversion - Subsequent Database Update						\$0.71						\$8.91			
		<b>ADDITIONAL NRCs</b>															
		2-Wire Voice Grade Loop/ Line Port Combination (PBX) - Subsequent Activity			UEPRG	USAS2	\$0.0	\$0.0	\$0.0			\$3.50	\$19.99				
		PBX Subsequent Activity - Change/Rearrange Multiline Hunt Group						\$14.64	\$14.64			\$3.5	\$19.99				
		<b>2-WIRE VOICE GRADE LOOP WITH 2-WIRE LINE PORT (BUS - PBX)</b>															
		<b>UNE Port/Loop Combination Rates</b>															
		2-Wire VG Loop/Port Combo - Zone 1		1				\$20.71									
		2-Wire VG Loop/Port Combo - Zone 2		2				\$29.35									
		2-Wire VG Loop/Port Combo - Zone 3		3				\$37.68									
		<b>UNE Loop Rates</b>															
		2-Wire Voice Grade Loop (SL 1) - Zone 1		1	UEPPX	UEPLX	\$17.02										
		2-Wire Voice Grade Loop (SL 1) - Zone 2		2	UEPPX	UEPLX	\$25.66										
		2-Wire Voice Grade Loop (SL 1) - Zone 3		3	UEPPX	UEPLX	\$33.99										
		<b>2-Wire Voice Grade Line Port Rates (BUS - PBX)</b>															
		Line Side Unbundled Combination 2-Way PBX Trunk Port - Bus			UEPPX	UEPPC	\$3.69					\$3.50		\$43.19	\$9.91		
		Line Side Unbundled Outward PBX Trunk Port - Bus			UEPPX	UEPPD	\$3.69					\$3.50		\$43.19	\$9.91		
		Line Side Unbundled Incoming PBX Trunk Port - Bus			UEPPX	UEPP1	\$3.69					\$3.50		\$43.19	\$9.91		
		2-Wire Voice Unbundled PBX LD Terminal Ports			UEPPX	UEPLD	\$3.69					\$3.50		\$43.19	\$9.91		
		2-Wire Voice Unbundled 2-Way Combination PBX Usage Port			UEPPX	UEPXA	\$3.69					\$3.50		\$43.19	\$9.91		
		2-Wire Voice Unbundled PBX Toll Terminal Hotel Ports			UEPPX	UEPXB	\$3.69					\$3.50		\$43.19	\$9.91		
		2-Wire Voice Unbundled PBX LD DDD Terminals Port			UEPPX	UEPXC	\$3.69					\$3.50		\$43.19	\$9.91		
		2-Wire Voice Unbundled PBX LD Terminal Switchboard Port			UEPPX	UEPXD	\$3.69					\$3.50		\$43.19	\$9.91		
		2-Wire Voice Unbundled PBX LD Terminal Switchboard IDD Capable Port			UEPPX	UEPXE	\$3.69					\$3.50		\$43.19	\$9.91		
		2-Wire Voice Unbundled 2-Way PBX Hotel/Hospital Economy Administrative Calling Port			UEPPX	UEPXL	\$3.69					\$3.50		\$43.19	\$9.91		
		2-Wire Voice Unbundled 2-Way PBX Hotel/Hospital Economy Room Calling Port			UEPPX	UEPXM	\$3.69					\$3.50		\$43.19	\$9.91		
		2-Wire Voice Unbundled 1-Way Outgoing PBX Hotel/Hospital Discount Room Calling Port			UEPPX	UEPXO	\$3.69					\$3.50		\$43.19	\$9.91		
		2-Wire Voice Unbundled 1-Way Outgoing PBX Measured Port			UEPPX	UEPXS	\$3.69					\$3.50		\$43.19	\$9.91		
		2-Wire Voice Unbundled 2-Way PBX South Carolina Area Plus Calling Port			UEPPX	UEPXT	\$3.69					\$3.50		\$43.19	\$9.91		
		<b>LOCAL NUMBER PORTABILITY</b>															
		Local Number Portability (1 per port)			UEPPX	LNPCP	\$3.15										
		<b>FEATURES</b>															
		All Features Offered			UEPPX	UEPVF	\$6.29	\$0.0	\$0.0			\$3.5		\$43.19	\$9.91		
		<b>NONRECURRING CHARGES (NRCs) - CURRENTLY COMBINED</b>															
		2-Wire Voice Grade Loop/ Line Port Combination (PBX) - Conversion - Switch-As-Is			UEPPX	USAC2		\$1.59	\$0.40			\$3.50		\$43.19	\$9.91		

**BELLSOUTH / CLEC -1 RATES**  
**Unbundled Network Elements**  
**SOUTH CAROLINA**

Attachment 2  
Exhibit C  
Rates - Page 23

							RATES					OSS RATES					
												Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l
CATEGORY	NOTES	UNBUNDLED NETWORK ELEMENT	Interim	Zone	BCS	USOC	Rec	First	Add'l	First	Add'l	SOMECH	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN
		2-Wire Voice Grade Loop/ Line Port Combination (PBX) - Conversion - Switch with Change			UEPPX	USACC		\$1.59	\$0.40			\$3.50		\$43.19	\$9.91		
		2-Wire Voice Grade Loop / Line Port Combination - Conversion - Subsequent Database Update						\$0.71						\$8.91			
		<b>ADDITIONAL NRCs</b>															
		2-Wire Voice Grade Loop/ Line Port Combination (PBX) - Subsequent Activity			UEPPX	USAS2	\$0.0	\$0.0	\$0.0			\$3.50	\$19.99				
		PBX Subsequent Activity - Change/Rearrange Multiline Hunt Group						\$14.64	\$14.64			\$3.5	\$19.99				



**BELLSOUTH / CLEC-1 RATES**  
**Unbundled Network Elements**  
**TENNESSEE**

Attachment 2  
Exhibit C  
Rates - Page 24

						RATES					OSS RATES					
											Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l
							Nonrecurring		Nonrecurring							
									Disconnect							
CATEGORY	NOTES	UNBUNDLED NETWORK ELEMENT	Interim	Zone	BCS	USOC	Rec	First	Add'l	First	Add'l	SOMEK	SOMAN	SOMAN	SOMAN	SOMAN
Geographically Deaveraged UNE Zones and applicable rates have been established for certain services, as shown in this Agreement. Where Geographically Deaveraged UNE Zones and applicable rates are established, Statewide rates are obsolete. Further, BellSouth is in the process of enhancing its billing systems in order to accommodate this Geographically Deaveraged UNE Zone Rate Structure. Until these enhancements are accomplished, estimated to be mid 2001, the UNE Zone 1 rate will be billed for all services residing in Zones 1, 2, 3 or 4, i.e., Rates for services residing in UNE Zones 2, 3 and UNE Zone 4, where applicable, will not be billed. Once billing enhancements are complete, all applicable UNE Zone rates reflected in this Agreement will be billed. Reference Internet Website <a href="http://www.interconnection.bellsouth.com/become_clec/docs/interconnection/deavuzns.pdf">http://www.interconnection.bellsouth.com/become_clec/docs/interconnection/deavuzns.pdf</a> to view Geographically Deaveraged UNE Zone Designations by Central Office.																
<b>UNBUNDLED PORT/LOOP COMBINATIONS</b>																
<b>UNBUNDLED PORT/LOOP COMBINATIONS - COST BASED RATES</b>																
Cost Based Rates are applied where BellSouth is required by FCC and/or State Commission rule to provide Unbundled Local Switching or Switch Ports.																
Features shall apply to the Unbundled Port/Loop Combination - Cost Based Rate section in the same manner as they are applied to the Stand-Alone Unbundled Port section of this Rate Exhibit.																
End Office and Tandem Switching Usage and Common Transport Usage rates in the Port section of this rate exhibit shall apply to all combinations of loop/port network elements except for UNE Coin Port/Loop Combinations.																
For Georgia, the recurring UNE Port and Loop charges listed apply to Currently Combined and Not Currently Combined Combos and the first and additional Port nonrecurring charges apply to Not Currently Combined Combos. For Currently Combined Combos in GA and all other states, the nonrecurring charges shall be those identified in the Nonrecurring - Currently Combined sections.																
<b>2-WIRE VOICE GRADE LOOP WITH 2-WIRE LINE PORT (RES - PBX)</b>																
<b>UNE Port/Loop Combination Rates</b>																
		2-Wire VG Loop/Port Combo - Zone 1		1												
		2-Wire VG Loop/Port Combo - Zone 2		2												
		2-Wire VG Loop/Port Combo - Zone 3		3												
		2-Wire Voice Grade Loop (SL 1) - Zone 1		1	UEPRG	UEPLX										
		2-Wire Voice Grade Loop (SL 1) - Zone 2		2	UEPRG	UEPLX										
		2-Wire Voice Grade Loop (SL 1) - Zone 3		3	UEPRG	UEPLX										
<b>2-Wire Voice Grade Line Port Rates (RES - PBX)</b>																
		2-Wire VG Unbundled Combination 2-Way PBX Trunk Port - Res			UEPRG	UEPRD								\$30.89	\$7.03	
<b>LOCAL NUMBER PORTABILITY</b>																
		Local Number Portability (1 per port)			UEPRG	LNPCP										
<b>FEATURES</b>																
		All Features Offered			UEPRG	UEPVF		\$0.0	\$0.0	\$0.0		\$3.5		\$30.89	\$7.03	
<b>NONRECURRING CHARGES (NRCs) - CURRENTLY COMBINED</b>																

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**BELLSOUTH / CLEC-1 RATES**  
**Unbundled Network Elements**  
**TENNESSEE**

Attachment 2  
Exhibit C  
Rates - Page 26

						RATES					OSS RATES					
											Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l
							Nonrecurring		Nonrecurring							
									Disconnect							
CATEGORY	NOTES	UNBUNDLED NETWORK ELEMENT	Interim	Zone	BCS	USOC	Rec	First	Add'l	First	Add'l	SOMECH	SOMAN	SOMAN	SOMAN	SOMAN
		<b>NONRECURRING CHARGES (NRCs) - CURRENTLY COMBINED</b>														
		2-Wire Voice Grade Loop/ Line Port Combination (PBX) - Conversion - Switch-As-Is			UEPPX	USAC2		\$1.03	\$0.29				\$30.89	\$7.03		
		2-Wire Voice Grade Loop/ Line Port Combination (PBX) - Conversion - Switch with Change			UEPPX	USACC		\$1.03	\$0.29				\$30.89	\$7.03		
		2-Wire Voice Grade Loop / Line Port Combination - Conversion - Subsequent Database Update						\$0.76					\$7.97			
		<b>ADDITIONAL NRCs</b>														
		2-Wire Voice Grade Loop/ Line Port Combination (PBX) - Subsequent Activity			UEPPX	USAS2	\$0.0	\$0.0	\$0.0			\$3.5	\$19.99			
		PBX Subsequent Activity - Change/Rearrange Multiline Hunt Group						\$14.64	\$14.64			\$3.5	\$19.99			

**AMENDMENT  
TO THE  
AGREEMENT BETWEEN  
ERNEST COMMUNICATIONS, INC.  
AND  
BELLSOUTH TELECOMMUNICATIONS, INC.  
DATED APRIL 27, 2000**

Pursuant to this Amendment, (the "Amendment"), Ernest Communications, Inc. ("ECI") a Georgia corporation, and BellSouth Telecommunications, Inc. ("BellSouth") a Georgia corporation, hereinafter referred to collectively as the "Parties," hereby agree to amend that certain Interconnection Agreement between the Parties dated April 27, 2000 ("Agreement").

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

1. Section 5.4.7.1 will be deleted in its entirety and replaced with a new Section 5.4.7.1 in Attachment 2 of the Agreement as follows:  
  
5.4.7.1 The Unbundled Coin Port/Loop Combinations is available in BellSouth's serving territory in Alabama, Florida, Georgia, Kentucky, Louisiana, Mississippi, North Carolina, South Carolina and Tennessee.
2. Section 5.2.3 will be deleted in its entirety and replaced with a new Section 5.2.3 in Attachment 2 of the Agreement as follows:  
  
5.2.3 In Georgia and Tennessee, BellSouth shall provide combinations of port and loop network elements to ECI regardless of whether such combinations are Currently Combined except in those locations where BellSouth is not required to provide unbundled local circuit switching, as set forth in Section 5.1.2 above. The rates for such combinations shall be the cost based rates set forth in Exhibit C of this Attachment.
3. The following paragraphs will be added new to Attachment 2 as Sections 5.2.4, 5.2.5 and 5.2.6.  
  
5.2.4 In all other states, BellSouth shall provide to ECI 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 local circuit switching, as set forth in Sections 5.1.1 and 5.1.2 above. The rates for such combinations shall be the cost based rates set forth in Exhibit C of this Attachment.

5.2.5 In all states other than Georgia and Tennessee, except in those locations where BellSouth is not required to provide unbundled local circuit switching, as set forth in Sections 5.1.1 and 5.1.2, BellSouth shall provide to ECI combinations of port and loop network elements that are not Currently Combined. The rates for such combinations shall be the market based rates set forth in Exhibit C of this Attachment.

5.2.6 In those locations where BellSouth is not required to provide unbundled local circuit switching, as set forth in Sections 5.1.1 and 5.1.2, BellSouth shall provide to ECI combinations of port and loop network elements whether or not such combinations are Currently Combined. The rates for such Currently Combined or not Currently Combined combinations are the market based rates as set forth in Exhibit C.

4. Rates for the Unbundled Coin Port/Loop Combinations for the states of North Carolina and Tennessee are attached hereto as Exhibit 1.
5. All of the other provisions of the Agreement, dated April 27, 2000, shall remain in full force and effect.
6. Either or both of the Parties is authorized to submit this Amendment to the respective state regulatory authorities for approval subject to Section 252(e) of the Federal Telecommunications Act of 1996.

IN WITNESS WHEREOF, the Parties hereto have caused this Amendment to be executed by their respective duly authorized representatives on the date indicated below.

<b>BellSouth Telecommunications, Inc.</b>	<b>Ernest Communications, Inc.</b>
<b>By: Original Signature on File</b>	<b>By: Original Signature on File</b>
<b>Name: C. W. Boltz</b>	<b>Name: Paul Masters</b>
<b>Title: Managing Director</b>	<b>Title: President</b>
<b>Date: 8-7-01</b>	<b>Date: 8-7-01</b>

## **Exhibit 1**

CATEGORY	NOTES	UNBUNDLED NETWORK ELEMENT	Interim	Zone	BCS	USOC	RATES					OSS RATES					
												Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l
							Nonrecurring		Nonrecurring								
							Disconnect		Disconnect								
							Rec	First	Add'l	First	Add'l	SOMEC	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN
	The "Zone" shown in the sections for stand-alone loops or loops as part of a combination refers to Geographically Deaveraged UNE Zones. To view Geographically Deaveraged UNE Zone Designations by Central Office, refer to Internet Website: <a href="http://www.interconnection.bellsouth.com/become_a_clec/html/interconnection.htm">http://www.interconnection.bellsouth.com/become_a_clec/html/interconnection.htm</a>																
UNBUNDLED PORT/LOOP COMBINATIONS																	
UNBUNDLED PORT/LOOP COMBINATIONS - COST BASED RATES																	
Cost Based Rates are applied where BellSouth is required by FCC and/or State Commission rule to provide Unbundled Local Switching or Switch Ports.																	
Features shall apply to the Unbundled Port/Loop Combination - Cost Based Rate section in the same manner as they are applied to the Stand-Alone Unbundled Port section of this Rate Exhibit.																	
End Office and Tandem Switching Usage and Common Transport Usage rates in the Port section of this rate exhibit shall apply to all combinations of loop/port network elements except for UNE Coin Port/Loop Combinations.																	
For Georgia and Tennessee, the recurring UNE Port and Loop charges listed apply to Currently Combined and Not Currently Combined Combos and the first and additional Port nonrecurring charges apply to Not Currently Combined Combos. For Currently Combined Combos in GA, TN and all other states, the nonrecurring charges shall be those identified in the Nonrecurring - Currently Combined sections.																	
2-WIRE VOICE GRADE LOOP WITH 2-WIRE ANALOG LINE COIN PORT																	
UNE Port/Loop Combination Rates																	
2-Wire VG Coin Port/Loop Combo – Statewide																	
UNE Loop Rates																	
2-Wire Voice Grade Loop (SL1) - Statewide					UEPCO	UEPLX	\$14.18										
2-Wire Voice Grade Line Ports (COIN)																	
2-Wire Coin 2-Way without Operator Screening and without Blocking (NC)					UEPCO	UEPND	\$2.62	\$22.14	\$15.25	\$8.45	\$3.91			\$40.18	\$9.45		
2-Wire Coin 2-Way with Operator Screening (NC)					UEPCO	UEPNC	\$2.62	\$22.14	\$15.25	\$8.45	\$3.91			\$40.18	\$9.45		
2-Wire Coin 2-Way with Operator Screening and Blocking: 011, 900/976, 1+DDD (NC, TN)					UEPCO	UEPRP	\$2.62	\$22.14	\$15.25	\$8.45	\$3.91			\$40.18	\$9.45		
2-Wire Coin 2-Way with Operator Screening and 011 Blocking (NC)					UEPCO	UEPNB	\$2.62	\$22.14	\$15.25	\$8.45	\$3.91			\$40.18	\$9.45		
2-Wire Coin 2-Way with Operator Screening: 900 Blocking: 900/976, 1+DDD, 011+, and Local (NC, TN)					UEPCO	UEPCA	\$2.62	\$22.14	\$15.25	\$8.45	\$3.91			\$40.18	\$9.45		
2-Wire Coin Outward with Operator Screening and 011 Blocking (NC)					UEPCO	UEPNE	\$2.62	\$22.14	\$15.25	\$8.45	\$3.91			\$40.18	\$9.45		
2-Wire Coin Outward with Operator Screening and Blocking: 900/976, 1+DDD, 011+, and Local (NC)					UEPCO	UEPCL	\$2.62	\$22.14	\$15.25	\$8.45	\$3.91			\$40.18	\$9.45		
2-Wire 2-Way Smartline with 900/976 (all states except LA)					UEPCO	UEPCK	\$2.62	\$22.14	\$15.25	\$8.45	\$3.91			\$40.18	\$9.45		
2-Wire Coin Outward Smartline with 900/976 (all states except LA)					UEPCO	UEPCR	\$2.62	\$22.14	\$15.25	\$8.45	\$3.91			\$40.18	\$9.45		
ADDITIONAL UNE COIN PORT/LOOP (RC)																	
UNE Coin Port/Loop Combo Usage (Flat Rate)					UEPCO	URECU	\$3.7	\$0.0	\$0.0								
LOCAL NUMBER PORTABILITY																	
Local Number Portability (1 per port)					UEPCO	LNPCX	\$0.35										
NONRECURRING CHARGES - CURRENTLY COMBINED																	
2-Wire Voice Grade Loop / Line Port Combination - Conversion - Switch-as-is					UEPCO	USAC2		\$2.77	\$0.40					\$40.18	\$9.45		
2-Wire Voice Grade Loop / Line Port Combination - Conversion - Switch with change					UEPCO	USACC		\$2.77	\$0.40					\$40.18	\$9.45		
ADDITIONAL NRCs																	
2-Wire Voice Grade Loop/Line Port Combination - Subsequent Activity					UEPCO	USAS2		\$0.0	\$0.0					\$40.18	\$9.45		
UNBUNDLED PORT LOOP COMBINATIONS - MARKET RATES																	

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NOTES	UNBUNDLED NETWORK ELEMENT	Interim	Zone	BCS	USOC	RATES				OSS RATES					
										Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l
						Nonrecurring		Nonrecurring							
						Disconnect		Disconnect							
						Rec	First	Add'l	First	Add'l	SOMECD	SOMAN	SOMAN	SOMAN	SOMAN
	2-Wire Voice Grade Loop/Line Port Combination - Subsequent Activity			UEPCO	USAS2		\$0.0	\$0.0				\$30.89	\$7.03		
UNBUNDLED PORT LOOP COMBINATIONS - MARKET RATES															
Market Rates shall apply where BellSouth is not required to provide unbundled local switching or switch ports per FCC and/or State Commission rules.															
These scenarios include:															
1. Unbundled port/loop combinations that are Not Currently Combined in all of the BellSouth states except as noted for Georgia and Tennessee.															
2. Unbundled port/loop combinations that are Currently Combined or Not Currently Combined in Zone 1 of the Top 8 MSAs in BellSouth's region for end users with 4 or more DS0 equivalent lines.															
The Top 8 MSAs in BellSouth's region are: FL (Orlando, Ft. Lauderdale, Miami); GA (Atlanta); LA (New Orleans); NC (Greensboro-Winston Salem-Highpoint/Charlotte-Gastonia-Rock Hill); TN (Nashville).															
BellSouth currently is developing the billing capability to mechanically bill the recurring unbundled port Market Rates in this section as well as the nonrecurring Market Rates in this section for Currently Combined port/loop combinations in Zone 1 of the Top 8 MSAs in BellSouth's region for end users with 4 or more DS0 equivalent lines. In the interim, BellSouth shall bill the rates in the Cost-Based section preceding in lieu of such Market Rates and reserves the right to true-up the billing difference.															
The Market Rate for unbundled ports includes all available features in all states.															
End Office and Tandem Switching Usage and Common Transport Usage rates in the Port section of this rate exhibit shall apply to all combinations of loop/port network elements except for UNE Coin Port/Loop Combinations which have a flat rate usage charge (USOC: URECU).															
For Not Currently Combined scenarios where Market Rates apply, the Nonrecurring charges are listed in the First and Additional NRC columns for each Port USOC. For Currently Combined scenarios, the Nonrecurring charges are listed in the NRC - Currently Combined section. Additional NRCs may apply also and are categorized accordingly.															
2-WIRE VOICE GRADE LOOP WITH 2-WIRE ANALOG LINE COIN PORT															
UNE Port/Loop Combination Rates															
	2-Wire VG Coin Port/Loop Combo – Zone 1						\$26.48								
	2-Wire VG Coin Port/Loop Combo – Zone 2						\$30.31								
	2-Wire VG Coin Port/Loop Combo – Zone 3						\$35.32								
UNE Loop Rates															
	2-Wire Voice Grade Loop (SL1) - Zone 1			UEPCO	UEPLX		\$12.48								
	2-Wire Voice Grade Loop (SL1) - Zone 2			UEPCO	UEPLX		\$16.31								
	2-Wire Voice Grade Loop (SL1) - Zone 3			UEPCO	UEPLX		\$21.32								
2-Wire Voice Grade Line Port Rates (Coin)															
	2-Wire Coin 2-Way without Operator Screening and without Blocking (TN)			UEPCO	UEPTB	\$14.00	\$90.00	\$90.00				\$30.89	\$7.03		
	2-Wire Coin 2-Way with Operator Screening and Blocking: 011, 900/976, 1+DDD (NC, TN)			UEPCO	UEPRP	\$14.00						\$30.89	\$7.03		
	2-Wire Coin 2-Way with Operator Screening and 011 Blocking (TN)			UEPCO	UEPTA	\$14.00	\$90.00	\$90.00				\$30.89	\$7.03		
	2-Wire Coin 2-Way with Operator Screening and Blocking: 900/976, 1+DDD, 011+, and Local (NC, TN)			UEPCO	UEPCA	\$14.00	\$90.00	\$90.00				\$30.89	\$7.03		
	2-Wire Coin Outward with Operator Screening and 011 Blocking (TN)			UEPCO	UEPTC	\$14.00	\$90.00	\$90.00				\$30.89	\$7.03		
	2-Wire Coin Outward with Operator Screening and Blocking: 900/976, 1+DDD, 011+, and Local (TN)			UEPCO	UEPOT	\$14.00	\$90.00	\$90.00				\$30.89	\$7.03		
LOCAL NUMBER PORTABILITY															
	Local Number Portability (1 per port)			UEPCO	LNPCX	\$0.35									
NONRECURRING CHARGES - CURRENTLY COMBINED															
	2-Wire Voice Grade Loop/ Line Port Combination - Switch-As-Is			UEPCO	USAC2		\$41.5	\$41.5							

UNBUNDLED NETWORK ELEMENTS  
Tennessee

NOTES	UNBUNDLED NETWORK ELEMENT	Interim	Zone	BCS	USOC	RATES					OSS RATES					
											Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic- Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l
							Nonrecurring		Nonrecurring							
							Disconnect		Disconnect							
						Rec	First	Add'l	First	Add'l	SOMECE	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN
	2-Wire Voice Grade Loop/ Line Port Combination - Switch with Change			UEPCO	USACC		\$41.5	\$41.5								
ADDITIONAL NRCs																
	2-Wire Voice Grade Loop/ Line Port Combination - Subsequent			UEPCO	USAS2		\$0.0	\$0.0								

## **Attachment 2**

### **Network Elements and Other Services**

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## ACCESS TO NETWORK ELEMENTS AND OTHER SERVICES

### 1. Introduction

- 1.1 This Attachment sets forth rates, terms and conditions for Network Elements and combinations of Network Elements that BellSouth agrees to offer to ECI in accordance with its obligations under Section 251(c)(3) of the Act. Additionally, this Attachment sets forth the rates, terms and conditions for other services BellSouth makes available to ECI. The price for each Network Element and combination of Network Elements and other services are set forth in Exhibit B of this Agreement. Additionally, the provision of a particular Network Element or service may require ECI to purchase other Network Elements or services.
- 1.2 For purposes of this Agreement, “Network Element” is defined to mean a facility or equipment ECI used in the provision of a telecommunications service. For purposes of this Agreement, combinations of Network Elements shall be referred to as “Combinations.”
- 1.3 BellSouth shall, upon request of ECI, and to the extent technically feasible, provide to ECI access to its Network Elements for the provision of ECI’s telecommunications services. If no rate is identified in this Agreement, 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.
- 1.4 ECI may purchase Network Elements and other services from BellSouth for the purpose of combining such network elements in any manner ECI chooses to provide telecommunication services to its intended users, including recreating existing BellSouth services. With the exception of the sub-loop Network Elements which are located outside of the central office, BellSouth shall deliver the Network Elements purchased by ECI to the designated ECI collocation space.
- 1.5 BellSouth shall comply with the requirements as set forth in the technical references within this Attachment 2.
- 1.6 **Rates**
- 1.6.1 The prices that ECI shall pay to BellSouth for Network Elements and Other Services are set forth in Exhibit B to this Attachment. If ECI purchases a service(s) from a tariff, all terms and conditions and rates as set forth in such tariff shall apply.
- 1.6.2 Cancellation Charges. If ECI 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.

- 1.6.3 Expedite Charges. For expedited requests by ECI, expedited charges will apply for intervals less than the standard interval as outlined in the BellSouth Product and Services Interval Guide. The charges as outlined in BellSouth's FCC No. 1 Tariff, Section 5, will apply.
- 1.6.4 Order cancellation and expedite charges will apply in accordance with the terms and conditions specified in Attachment 6.
- 1.6.5 If ECI modifies an order (Order Modification Charge (OMC)) after being sent a Firm Order Confirmation (FOC) from BellSouth, any costs incurred by BellSouth to accommodate the modification will be paid by ECI in accordance with FCC No. 1 Tariff, Section 5.
- 1.6.6 A one-month minimum billing period shall apply to all UNE conversions or new installations.
- 2. Unbundled Loops**
- 2.1 General**
- 2.1.1 The local loop Network Element ("Loop") is defined as a transmission facility between a distribution frame (or its equivalent) in BellSouth's central office and the loop demarcation point at an end-user 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.
- 2.1.2 The provisioning of a Loop to ECI's collocation space will require cross-office cabling and cross-connections within the central office to connect the Loop to a local switch or to other transmission equipment. These cross-connects are separate components, that are not considered a part of the Loop, and thus, have a separate charge.
- 2.1.3 To the extent available within BellSouth's network at a particular location, BellSouth will offer Loops capable of supporting telecommunications services. If a requested loop type is not available, and cannot be made available through BellSouth's Unbundled Loop Modification process, then ECI can use the Special Construction process to request that BellSouth place facilities in order to meet ECI's loop requirements. Standard Loop intervals shall not apply to the Special Construction process.
- 2.1.4 Where facilities are available, BellSouth will install Loops in compliance with BellSouth's Products and Services Interval Guide available at the website at <http://www.interconnection.bellsouth.com>. For orders of 15 or more Loops, the installation and any applicable Order Coordination as described below will be handled on a project basis, and the intervals will be set by the BellSouth project

manager for that order. When Loops require a Service Inquiry (SI) prior to issuing the order to determine if facilities are available, the interval for the SI process is separate from the installation interval.

- 2.1.5 The Loop shall be provided to ECI in accordance with BellSouth's TR73600 Unbundled Local Loop Technical Specification and applicable industry standard technical references.
- 2.1.6 ECI may utilize the unbundled Loops to provide any telecommunications service it wishes, so long as such services are consistent with industry standards and BellSouth's TR73600.
- 2.1.7 BellSouth will only provision, maintain and repair the Loops to the standards that are consistent with the type of Loop ordered. In those cases where ECI 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 Loop will be maintained as an unbundled copper Loop (UCL), and ECI shall pay the recurring and non-recurring charges for a UCL. For non-service specific loops (e.g. UCL, Loops modified by ECI using the Unbundled Loop Modification (ULM) process), BellSouth will only support that the Loop has copper continuity and balanced tip-and-ring.
- 2.1.8 **Loop Testing/Trouble Reporting**
  - 2.1.8.1 ECI is responsible for testing and isolating troubles on the Loops. ECI must test and isolate trouble to the BellSouth portion of a designed unbundled loop (e.g., UVL-SL2, UCL-D, etc.) before reporting repair to the UNE Center. At the time of the trouble report, ECI will be required to provide the results of the ECI test which indicate a problem on the BellSouth provided loop.
  - 2.1.8.2 Once ECI has isolated a trouble to the BellSouth provided Loop, and had issued a trouble report to BellSouth on the Loop, BellSouth will take the actions necessary to repair the Loop if a trouble actually exists. BellSouth will repair these Loops in the same time frames that BellSouth repairs similarly situated Loops to its end users.
  - 2.1.8.3 If ECI reports a trouble on a non-designed loop (e.g., UVL-SL1, UCL-ND, etc.) and no trouble actually exists, BellSouth will charge ECI for any dispatching and testing (both inside and outside the CO) required by BellSouth in order to confirm the loop's working status.
- 2.1.9 **Order Coordination and Order Coordination-Time Specific**
  - 2.1.9.1 "Order Coordination" (OC) allows BellSouth and ECI to coordinate the installation of the SL2 Loops, Unbundled Digital Loops (UDL) and other Loops where OC may be purchased as an option, to ECI's facilities to limit end user service outage. OC is available when the Loop is provisioned over an existing



circuit that is currently providing service to the end user. OC for physical conversions will be scheduled at BellSouth's discretion during normal working hours on the committed due date. OC shall be provided in accordance with the chart set forth below.

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

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

## 2.2 **Unbundled Voice Loops (UVLs)**

2.2.1 BellSouth shall make available the following UVLs:

2.2.1.1 2-wire Analog Voice Grade Loop – SL1

2.2.1.2 2-wire Analog Voice Grade Loop – SL2

2.2.1.3 4-wire Analog Voice Grade Loop

2.2.2 Unbundled Voice Loops (UVL) may be provisioned using any type of facility that will support voice grade services. This may include loaded copper, non-loaded copper, digital loop carrier systems, fiber or a combination of any of these facilities. BellSouth, in the normal course of maintaining, repairing, and configuring its network, may also change the facilities that are used to provide any

given voice grade circuit. This change may occur at any time. In these situations, BellSouth will only ensure that the newly provided facility will support voice grade services. BellSouth will not guarantee that ECI will be able to continue to provide any advanced services over the new facility. BellSouth will offer UVL in two different service levels - Service Level One (SL1) and Service Level Two (SL2).

2.2.3 Unbundled Voice Loop - SL1 (UVL-SL1) loops are 2-wire loop start circuits, will be non-designed, and will not have remote access test points. OC will be offered as a chargeable option on SL1 loops when reuse of existing facilities has been requested by ECI. ECI may also order OC-TS when a specified conversion time is requested. OC-TS is a chargeable option for any coordinated order and is billed in addition to the OC charge. An Engineering Information (EI) document can be ordered as chargeable option. The EI document provides loop make up information which is similar to the information normally provided in a Design Layout Record. Upon issuance of a non-coordinated order in the service order system, SL1 loops will be activated on the due date in the same manner and time frames that BellSouth normally activates POTS-type loops for its end users.

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

### 2.3 **Unbundled Digital Loops**

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

2.3.2 BellSouth shall make available the following UDLs:

2.3.2.1 2-wire Unbundled ISDN Digital Loop

2.3.2.2 2-wire Universal Digital Channel (IDSL Compatible)

2.3.2.3 2-wire Unbundled ADSL Compatible Loop

2.3.2.4 2-wire Unbundled HDSL Compatible Loop

2.3.2.5 4-wire Unbundled HDSL Compatible Loop

- 2.3.2.6 4-wire Unbundled DS1 Digital Loop
- 2.3.2.7 4-wire Unbundled Digital Loop/DS0 – 64 kbps, 56 kbps and below
- 2.3.2.8 DS3 Loop
- 2.3.2.9 STS-1 Loop
- 2.3.2.10 OC3 Loop
- 2.3.2.11 OC12 Loop
- 2.3.2.12 OC48 Loop
- 2.3.3 2-Wire Unbundled ISDN Digital Loops will be provisioned according to industry standards for 2-Wire Basic Rate ISDN services and will come standard with a test point, Order Coordination, and a DLR. ECI 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. BellSouth will not reconfigure its ISDN-capable loop to support IDSL service.
- 2.3.3.1 The Universal Digital Channel (UDC) (also known as IDSL-compatible Loop) is intended to be compatible with IDSL service and has the same physical characteristics and transmission specifications as BellSouth's ISDN-capable loop. These specifications are listed in BellSouth's TR73600.
- 2.3.3.2 The UDC may be provisioned on copper or through a Digital Loop Carrier (DLC) system. When UDC Loops are provisioned using a DLC system, the Loops will be provisioned on time slots that are compatible with data-only services such as IDSL.
- 2.3.4 2-Wire ADSL-Compatible Loop. This is a designed loop that is provisioned according to Revised Resistance Design (RRD) criteria and may be up to 18kft long and may have up to 6kft of bridged tap (inclusive of loop length). The loop is a 2-wire circuit and will come standard with a test point, Order Coordination, and a DLR.
- 2.3.5 2-Wire or 4-Wire HDSL-Compatible Loop. This is a designed loop that is provisioned according to Carrier Serving Area (CSA) criteria and may be up to 12,000 feet long and may have up to 2,500 feet of bridged tap (inclusive of loop length). It may be a 2-wire or 4-wire circuit and will come standard with a test point, Order Coordination, and a DLR.

- 2.3.6 4-Wire Unbundled DS1 Digital Loop. This is a designed 4-wire loop that is provisioned according to industry standards for DS1 or Primary Rate ISDN services and will come standard with a test point, Order Coordination, and a DLR.
- 2.3.7 4-Wire Unbundled Digital/DS0 Loop. These are designed 4-wire loops that may be configured as 64kbps, 56kbps, 19kbps, and other sub-rate speeds associated with digital data services and will come standard with a test point, Order Coordination, and a DLR.
- 2.3.8 DS3 Loop. DS3 Loop is a two-point digital transmission path, which provides for simultaneous two-way transmission of serial, bipolar, return-to-zero isochronous digital electrical signals at a transmission rate of 44.736 megabits per second (Mbps) that is dedicated to the use of the ordering CLEC in its provisioning of local exchange and associated exchange access services. It may provide transport for twenty-eight (28) DS1 channels, each of which provides the digital equivalent of twenty-four analog voice grade channels. The interface to unbundled dedicated DS3 transport is a metallic-based electrical interface.
- 2.3.9 STS-1 Loop. STS-1 Loop is a high-capacity digital transmission path with SONET VT1.5 mapping that is dedicated for the use of the ordering customer for the purpose of provisioning local exchange and associated exchange access services. It is a two-point digital transmission path, which provides for simultaneous two-way transmission of serial bipolar return-to-zero synchronous digital electrical signals at a transmission rate of 51.84 megabits per second (Mbps). It may provide transport for twenty-eight (28) DS1 channels, each of which provides the digital equivalent of twenty-four analog voice grade channels. The interface to unbundled dedicated STS-1 transport is a metallic-based electrical interface.
- 2.3.10 OC3 Loop/OC12 Loop/OC48 Loop. OC3/OC-12/OC-48 Loops are optical two-point transmission paths that are dedicated to the use of the ordering CLEC in its provisioning of local exchange and associated exchange access services. The physical interface for all optical transport is optical fiber. This interface standard allows for transport of many different digital signals using a basic building block or base transmission rate of 51.84 megabits per second (Mbps). Higher rates are direct multiples of the base rate. The following rates are applicable: OC-3 - 155.52 Mbps; OC12 - 622.08 Mbps; and OC-48 - 2488 Mbps.
- 2.3.11 DS3 and above services come with a test point and a DLR. Mileage is airline miles, rounded up and a minimum of one mile applies. BellSouth TR 73501 LightGate<sup>®</sup>Service Interface and Performance Specifications, Issue D, June 1995 applies to DS3 and above services.
- 2.4 **Unbundled Copper Loops (UCL)**

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

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

2.4.2.1 The UCL-D will be provisioned as a dry copper twisted pair loop that is unencumbered by any intervening equipment (e.g., filters, load coils, range extenders, digital loop carrier, or repeaters). The UCL-D will be offered in two versions - Short and Long.

2.4.2.2 A short UCL-D (18,000 feet or less) is provisioned according to Resistance Design parameters, may have up to 6,000 feet of bridged tap and will have up to 1300 ohms of resistance.

2.4.2.3 The long UCL-D (beyond 18,000 feet) is provisioned as a dry copper twisted pair longer than 18,000 feet and may have up to 12,000 feet of bridged tap and up to 2800 ohms of resistance.

2.4.2.4 The UCL-D is a designed circuit, is provisioned with a test point and comes standard with a DLR. OC is required on UCLs where a reuse of existing facilities has been requested by ECI.

2.4.2.5 These loops are not intended to support any particular services and may be utilized by ECI to provide a wide-range of telecommunications services so long as those services do not adversely affect BellSouth's network. This facility will include a Network Interface Device (NID) at the customer's location for the purpose of connecting the loop to the customer's inside wire.

2.4.2.6 BellSouth will make available the following UCL-Ds:

2.4.2.6.1 2-Wire UCL-D/short

2.4.2.6.2 2-Wire UCL-D/long

2.4.2.6.3 4-Wire UCL-D/short

2.4.2.6.4 4-Wire UCL-D/long

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

2.4.3.1 The UCL-ND is provisioned as a dedicated 2-wire metallic transmission facility from BellSouth's Main Distribution Frame to a customer's premises (including the NID). The UCL-ND will be a "dry copper" facility in that it will not have any intervening equipment such as load coils, repeaters, or digital access main lines

(“DAMLs”), and may have up to 6,000 feet of bridged tap between the end user’s premises and the serving wire center. The UCL-ND typically will be 1300 Ohms resistance and in most cases will not exceed 18,000 feet in length, although the UCL-ND will not have a specific length limitation. For loops less than 18,000 feet and with less than 1300 Ohms resistance, the loop will provide a voice grade transmission channel suitable for loop start signaling and the transport of analog voice grade signals. The UCL-ND will not be designed and will not be provisioned with either a DLR or a test point.

- 2.4.3.2 The UCL-ND facilities may be mechanically assigned using BellSouth’s assignment systems. Therefore, the Loop Make Up process is not required to order and provision the UCL-ND. However, ECI can request Loop Make Up for which additional charges would apply.
- 2.4.3.3 At an additional charge, BellSouth also will make available Loop Testing so that ECI may request further testing on the UCL-ND.
- 2.4.3.4 UCL-ND loops are not intended to support any particular service and may be utilized by ECI to provide a wide-range of telecommunications services so long as those services do not adversely affect BellSouth’s network. The UCL-ND will include a Network Interface Device (NID) at the customer’s location for the purpose of connecting the loop to the customer’s inside wire.
- 2.4.3.5 Order Coordination (OC) will be provided as a chargeable option and may be utilized when the UCL-ND provisioning is associated with the reuse of BellSouth facilities. Order Coordination -Time Specific (OC-TS) does not apply to this product.
- 2.4.3.6 ECI may use BellSouth’s Unbundled Loop Modification (ULM) offering to remove bridge tap and/or load coils from any loop within the BellSouth network. Therefore, some loops that would not qualify as UCL-ND could be transformed into loops that do qualify, using the ULM process.

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

- 2.5.1 Line 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, bridged taps, low pass filters, and range extenders.
- 2.5.2 BellSouth shall condition Loops, as requested by ECI, whether or not BellSouth offers advanced services to the End User on that Loop.
- 2.5.3 In some instances, ECI will require access to a copper twisted pair loop unfettered by any intervening equipment (e.g., filters, load coils, range extenders, etc.), so that ECI can use the loop for a variety of services by attaching appropriate

terminal equipment at the ends. ECI will determine the type of service that will be provided over the loop. BellSouth's Unbundled Loop Modifications (ULM) process will be used to determine the costs and feasibility of conditioning the loops as requested. Rates for ULM are as set forth in Exhibit B of this Attachment.

2.5.4 In those cases where ECI 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.

2.5.5 The Unbundled Loop Modifications (ULM) offering provides the following elements: 1) removal of devices on 2-wire or 4-wire Loops equal to or less than 18,000 feet; 2) removal of devices on 2-wire or 4-wire Loops longer than 18,000 feet; and 3) removal of bridged-taps on loops of any length.

2.5.6 ECI shall request Loop make up information pursuant to this Attachment prior to submitting a service inquiry and/or a LSR for the Loop type that ECI desires BellSouth to condition.

## 2.6 **Loop Provisioning Involving Integrated Digital Loop Carriers**

2.6.1 Where ECI has requested an Unbundled Loop and BellSouth uses Integrated Digital Loop Carrier (IDLC) systems to provide the local service to the end user and BellSouth has a suitable alternate facility available, BellSouth will make such alternative facilities available to ECI. If a suitable alternative facility is not available, then to the extent it is technically feasible, BellSouth will make alternative arrangements available to ECI (e.g. hairpinning).

2.6.2 BellSouth will select one of the following arrangements:

1. Roll the circuit(s) from the IDLC to any spare copper that exists to the customer premises.
2. Roll the circuit(s) from the IDLC to an existing DLC that is not integrated.
3. If capacity exists, provide "side-door" porting through the switch.
4. If capacity exists, provide "DACS-door" porting (if the IDLC routes through a DACS prior to integration into the switch).

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

2.6.4 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. ECI will then have the option of paying the one-time SC rates to place the loop.

## 2.7 **Network Interface Device (NID)**



- 2.7.1 The NID is defined as any means of interconnection of end-user customer premises wiring to BellSouth's distribution plant, such as a cross-connect device used for that purpose. The NID is a single-line termination device or that portion of a multiple-line termination device required to terminate a single line or circuit at the premises. The NID features two independent chambers or divisions that separate the service provider's network from the end user's customer-premises wiring. Each chamber or division contains the appropriate connection points or posts to which the service provider and the end user each make their connections. The NID provides a protective ground connection and is capable of terminating cables such as twisted pair cable.
- 2.7.1.1 BellSouth shall permit ECI to connect ECI's Loop facilities the end-user's customer-premises wiring through the BellSouth NID or at any other technically feasible point.
- 2.7.2 **Access to NID**
- 2.7.2.1 ECI may access the end user's customer-premises wiring by any of the following means and ECI shall not disturb the existing form of electrical protection and shall maintain the physical integrity of the NID:
- 2.7.2.1.1 1) BellSouth shall allow ECI to connect its loops directly to BellSouth's multi-line residential NID enclosures that have additional space and are not used by BellSouth or any other telecommunications carriers to provide service to the premises.
- 2.7.2.1.2 2) Where an adequate length of the end user's customer premises wiring is present and environmental conditions permit, either Party may remove the customer premises wiring from the other Party's NID and connect such wiring to that Party's own NID;
- 2.7.2.1.3 3) Enter the subscriber access chamber or dual chamber NID enclosures for the purpose of extending a connect divisioned or spliced jumper wire from the customer premises wiring through a suitable "punch-out" hole of such NID enclosures; or
- 2.7.2.1.4 4) Request BellSouth to make other rearrangements to the end user customer premises wiring terminations or terminal enclosure on a time and materials cost basis.
- 2.7.2.2 In no case shall either Party remove or disconnect the other Party's loop facilities from either Party's NIDs, enclosures, or protectors unless the applicable Commission has expressly permitted the same and the disconnecting Party provides prior notice to the other Party. In such cases, it shall be the responsibility of the Party disconnecting loop facilities to leave undisturbed the existing form of electrical protection and to maintain the physical integrity of the NID. It will be

ECI'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. Furthermore, it shall be the responsibility of the disconnecting Party, once the other Party's loop has been disconnected from the NID, to reconnect the disconnected loop to a nationally recognized testing laboratory listed station protector, which has been grounded as per Article 800 of the National Electrical Code. If no spare station protector exists in the NID, the disconnected loop must be appropriately cleared, capped and stored.

- 2.7.2.3 In no case shall either Party remove or disconnect ground wires from BellSouth's NIDs, enclosures, or protectors.
- 2.7.2.4 In no case shall either Party remove or disconnect NID modules, protectors, or terminals from BellSouth's NID enclosures.
- 2.7.2.5 Due to the wide variety of NID enclosures and outside plant environments, BellSouth will work with ECI to develop specific procedures to establish the most effective means of implementing this section if the procedures set forth herein do not apply to the NID in question.
- 2.7.3 Technical Requirements
  - 2.7.3.1 The NID shall provide an accessible point of interconnection and shall maintain a connection to ground.
  - 2.7.3.2 If an existing NID is accessed, it shall be capable of transferring electrical analog or digital signals between the end user's customer premises and the Distribution Media and/or cross connect to ECI's NID.
  - 2.7.3.3 Existing BellSouth NIDS will be provided in "as is" condition. ECI may request BellSouth do additional work to the NID on a time and material basis. When ECI deploys its own local loops with respect to multiple-line termination devices, ECI shall specify the quantity of NIDs connections that it requires within such device.
- 2.8 **Sub-loop Elements**
  - 2.8.1 Where facilities permit, BellSouth shall offer access to its Unbundled Sub Loop (USL) and Unbundled Sub-loop Concentration (USLC) System.
  - 2.8.2 **Unbundled Sub-Loop Distribution**
    - 2.8.2.1 The unbundled sub-loop distribution facility is a dedicated transmission facility that BellSouth provides from an end user's point of demarcation to a BellSouth cross-connect device. The BellSouth cross-connect device may be located within a remote terminal (RT) or a stand-alone cross-box in the field or in the equipment room of a building. The unbundled sub-loop distribution media is a copper twisted

pair that can be provisioned as a 2 Wire or 4 Wire facility. BellSouth will make the following available sub-loop distribution offerings where facilities permit:

Unbundled Sub-Loop Distribution – Voice Grade

Unbundled Copper Sub-Loop

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

- 2.8.2.2 Unbundled Sub-Loop Distribution – Voice Grade (USLD-VG) is a sub-loop facility from the cross-box in the field up to and including the point of demarcation, at the end user's premises and may have load coils.
- 2.8.2.3 Unbundled Copper Sub-Loop (UCSL) is a copper facility of any length provided from the cross-box in the field up to and including the end-user's point of demarcation. If available, this facility will not have any intervening equipment such as load coils between the end-user and the cross-box.
- 2.8.2.4 If ECI requests a UCSL and it is not available, ECI may request the Sub-Loop facility be modified pursuant to the ULM process request to remove load coils and/or bridged taps. If load coils and/or bridged taps are removed, the facility will be classified as a UCSL.
- 2.8.2.5 Unbundled Sub-Loop Distribution – Intrabuilding Network Cable (USLD-INC) is the distribution facility inside a building or between buildings on the same continuous property which is not separated by a public street or road. USLD-INC includes the facility from the cross-connect device in the building equipment room up to and including the point of demarcation, at the end user's premises.
- 2.8.2.6 BellSouth will install a cross connect panel in the building equipment room for the purpose of accessing USLD-INC pairs from a building equipment room. The cross-connect panel will function as a single point of interconnection (SPOI) for USLD-INC and will be accessible by multiple carriers as space permits. BellSouth will place cross-connect blocks in 25-pair increments for ECI's use on this cross-connect panel. ECI will be responsible for connecting its facilities to the 25-pair cross-connect block(s).
- 2.8.2.7 Unbundled Sub-Loop distribution facilities shall support functions associated with provisioning, maintenance and testing of the Unbundled Sub-Loop. For access to Voice Grade USLD and UCSL, ECI shall install a cable to the BellSouth cross-box pursuant to the terms and conditions for physical collocation for remote sites set forth in this Agreement. This cable would be connected by a BellSouth technician within the BellSouth cross-box during the set-up process. ECI's cable pairs can then be connected to BellSouth's USL within the BellSouth cross-box by the BellSouth technician.
- 2.8.2.8 Through the Service Inquiry (SI) process, BellSouth will determine whether access to Unbundled Sub-Loops at the location requested by ECI is technically

feasible and whether sufficient capacity exists in the cross-box. If existing capacity is sufficient to meet ECI's request, then BellSouth will perform the site set-up as described in Section 2.8.2.9. 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 Section 2.8.2.9) to accommodate ECI's request for Unbundled Sub-Loops, ECI may request BellSouth's Special Construction (SC) process to determine additional costs required to provision the Unbundled Sub-Loops. ECI will have the option to proceed under the SC process to modify the BellSouth facilities.

- 2.8.2.9 The site set-up must be completed before ECI can order sub-loop pairs. For the site set-up in a BellSouth cross-connect box in the field, BellSouth will perform the necessary work to splice ECI's cable into the cross-connect box. For the site set-up inside a building equipment room, BellSouth will perform the necessary work to install the cross-connect panel and the connecting block(s) that will be used to provide access to the requested USLs.
- 2.8.2.10 Once the site set-up is complete, ECI will request sub-loop pairs through submission of a Local Service Request (LSR) form to the Local Carrier Service Center (LCSC). Order Coordination is required with USL pair provisioning when ECI requests reuse of an existing facility and is in addition to the USL pair rate. For expedite requests by ECI for sub-loop pairs, expedite charges will apply for intervals less than 5 days.
- 2.8.2.11 Unbundled Sub-Loops will be provided in accordance with technical reference TR73600.
- 2.8.3 **Unbundled Network Terminating Wire (UNTW)**
- 2.8.3.1 Unbundled Network Terminating Wire (UNTW) is unshielded twisted copper wiring that is used to extend circuits from an intra-building network cable terminal or from a building entrance terminal to an individual customer's point of demarcation. It is the final portion of the Loop which, in multi-subscriber configurations, represents the point at which the network branches out to serve individual subscribers.
- 2.8.3.2 This element will be provided in Multi-Dwelling Units (MDUs) and/or Multi-Tenants Units (MTUs) where BellSouth owns wiring all the way to the end-users premises. BellSouth will not provide this element in those locations where the property owner provides its own wiring to the end-user's premises, where a third party owns the wiring to the end-user's premises or where the property owner will not allow BellSouth to place its facilities to the end user.
- 2.8.3.3 Requirements

- 2.8.3.3.1 On a multi-unit premises, upon request of the other Party ("Requesting Party"), the Party owning the network terminating wire will provide access to UNTW pairs on an Access Terminal that is suitable for use by multiple carriers at each Garden Terminal or Wiring Closet.
- 2.8.3.3.2 The Provisioning Party shall not be required to install new or additional NTW beyond existing NTW to provision the services of the Requesting Party.
- 2.8.3.3.3 Upon receipt of the UNTW Service Inquiry (SI) requesting access to the Provisioning Party's UNTW pairs at a multi-unit premises, representatives of both Parties will participate in a meeting at the site of the requested access. The purpose of the site visit will include discussion of the procedures for installation and location of the Access Terminals. By request of the Requesting Party, an Access Terminal will be installed either adjacent to each Provisioning Party's Garden Terminal or inside each Wiring Closet. 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. A pair is available when a pair is not being utilized to provide service or where the end user has requested a change in its local service provider to the Requesting Party. Prior to connecting 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.
- 2.8.3.3.4 Access Terminal installation intervals will be established on an individual case basis.
- 2.8.3.3.5 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. If the property owner objects to Access Terminal installations that are in progress or subsequent to completion and demands removal of Access Terminals, Requesting Party will be responsible for costs associated with removing Access Terminals and restoring property to its original state prior to Access Terminals being installed.
- 2.8.3.3.6 The Requesting Party shall indemnify and hold harmless the Provisioning Party against any claims of any kind that may arise out of the Requesting Party's failure to obtain the property owner's permission. 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). The Requesting Party will notify the Provisioning Party each time it activates UNTW pairs using the LSR form.
- 2.8.3.3.7 Requesting Party will isolate and report troubles in the manner specified by the Provisioning Party. 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).

- 2.8.3.3.8 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.
- 2.8.3.3.9 If Provisioning Party determines that Requesting Party is using the UNTW pairs without reporting the activation of the pairs, the following charges shall apply:
  - 2.8.3.3.9.1 If Requesting Party issued a LSR to disconnect an end-user from Provisioning Party in order to use a UNTW pair, Requesting Party will be billed for the use of the pair back to the disconnect order date.
  - 2.8.3.3.9.2 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.

## 2.8.4 **Unbundled Sub-Loop Feeder**

- 2.8.4.1 Unbundled Sub-Loop Feeder (USLF) provides connectivity between BellSouth's central office and cross-box (or other access point) that serves an end user location.
- 2.8.4.2 USLF utilized for voice traffic can be configured as 2-wire voice (USLF-2W/V) or 4-wire voice (USLF-4W/V).
- 2.8.4.3 USLF utilized for digital traffic can be configured as 2-wire ISDN (USLF-2W/I); 2-wire Copper (USLF-2W/C); 4-wire Copper (USLF-4W/C); 4-wire DS0 level loop (USLF-4W/D0); or 4-wire DS1 and ISDN (USLF-4W/DI).
- 2.8.4.4 USLF will provide access to both the equipment and the features in the BellSouth central office and BellSouth cross box necessary to provide a 2W or 4W communications pathway from the BellSouth central office to the BellSouth cross-box. This element will allow for the connection of ECI's loop distribution elements onto BellSouth's feeder system.
- 2.8.4.5 Requirements

2.8.4.5.1 ECI will extend a compatible cable to BellSouth's cross-box. BellSouth will connect the cable 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 ECI. ECI will then have the option of paying the special construction charges or canceling the order.

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

2.8.4.5.3 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.

## 2.8.5 **Unbundled Loop Concentration (ULC)**

2.8.5.1 BellSouth will provide to ECI 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.

2.8.5.2 ULC will be offered in two system options. System A will allow up to 96 BellSouth loops to be concentrated onto two or more DS1s. The high-speed connection from the concentrator will be at the electrical DS1 level and will connect to ECI at ECI's collocation site. System B will allow up to 192 BellSouth loops to be concentrated onto 4 or more 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 ECI's collocation space. ULC service is offered with concentration (2 DS1s for 96 channels) or without concentration (4 DS1s for 96 channels) and with or without protection. A Loop Interface element will be required for each loop that is terminated onto the ULC system.

## 2.8.6 **Unbundled Sub-Loop Concentration (USLC)**

2.8.6.1 Where facilities permit, ECI may concentrate its sub-loops onto multiple DS1s back to the BellSouth Central Office.

2.8.6.2 USLC, using the Lucent Series 5 equipment, will be offered in two system options. System A will allow up to 96 of ECI's sub-loops to be concentrated onto two or more DS1s. System B will allow an additional 96 of ECI's sub-loops to be concentrated onto two or more additional 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 Remote Terminal site with the serving wire center is known as a Feeder Interface. All DS1 Feeder Interfaces will terminate to ECI's demarcation point associated with ECI's collocation space within the SWC that serves the remote terminal (RT). USLC service is offered with or without concentration and with or without a protection DS1.

- 2.8.6.3 ECI is required to deliver its sub-loops to its own cross-box, RT, or other similar device and deliver a single cable to the BellSouth RT. This cable shall be connected, by a BellSouth technician, to a cross-connect panel within the BellSouth RT/cross-box and shall allow ECI's sub-loops to be placed on the USLC and transported to ECI's collocation space at a DS1 level.

2.8.7 **Dark Fiber Loop**

- 2.8.7.1 Dark Fiber Loop is an unused optical transmission facility without attached signal regeneration, multiplexing, aggregation or other electronics that connects two points within BellSouth's network. Dark Fiber Loops may be strands of optical fiber existing in aerial or underground structure. BellSouth will not provide line terminating elements, regeneration or other electronics necessary for ECI to utilize Dark Fiber Loops.

- 2.8.7.2 A Dark Fiber Loop is a point to point arrangement from an end user's premises connected via a cross connect to the demarcation point associated with ECI's collocation space in the end user's serving wire center.

- 2.8.7.3 Dark Fiber Loop rates are differentiated between Local Channel, Interoffice Channel and Local Loop.

- 2.8.7.4 Requirements

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

- 2.8.7.4.2 If the requested Dark Fiber Loop has any lightwave repeater equipment interspliced to it, BellSouth will remove such equipment at ECI's request subject to time and materials charges.



- 2.8.7.4.3 ECI is solely responsible for testing the quality of the Dark Fiber to determine its usability and performance specifications.
- 2.8.7.4.4 BellSouth shall use its commercially reasonable efforts to provide to ECI information regarding the location, availability and performance of Dark Fiber Loop within ten (10) business days after receiving a Service Inquiry (“SI”) from ECI.
- 2.8.7.4.5 If the requested Dark Fiber Loop is available, BellSouth shall use commercially reasonable efforts to provision the Dark Fiber Loop to ECI within twenty (20) business days after ECI submits a valid, error free LSR. Provisioning includes identification of appropriate connection points (e.g., Light Guide Interconnection (LGX) or splice points) to enable ECI to connect or splice ECI provided transmission media (e.g., optical fiber) or equipment to the Dark Fiber Loop.
- 2.8.7.4.6 ECI may splice at the end points and test Dark Fiber Loop obtained from BellSouth using ECI or ECI designated personnel. BellSouth shall provide appropriate interfaces to allow splicing and testing of Dark Fiber Loop. For fiber in underground conduit, BellSouth shall provide a minimum of 25 feet of excess cable to allow the uncoiled fiber to reach from the manhole to a splicing van.

## 2.9 **Loop Makeup (LMU)**

### 2.9.1 Description of Service

- 2.9.1.1 BellSouth shall make available to ECI (LMU) information so that ECI can make an independent judgment about whether the Loop is capable of supporting the advanced services equipment ECI intends to install and the services ECI wishes to provide. This section addresses LMU as a *preordering* transaction, distinct from ECI 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.
- 2.9.1.2 BellSouth will provide ECI LMU information consisting of the composition of the loop material (copper/fiber); the existence, location and type of equipment on the Loop, including but not limited to digital loop carrier or other remote concentration devices, feeder/distribution interfaces, bridged taps, load coils, pair-gain devices; the loop length; the wire gauge and electrical parameters.
- 2.9.1.3 BellSouth’s LMU information is provided to ECI as it exists either in BellSouth's databases or in its hard copy facility records. BellSouth does not guarantee accuracy or reliability of the LMU information provided.
- 2.9.1.4 ECI may choose to use equipment that it deems will enable it to provide a certain type and level of service over a particular BellSouth Loop. The determination shall be made solely by ECI and BellSouth shall not be liable in any way for the performance of the advanced data services provisioned over said Loop. The

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

## 2.9.2 **Submitting Loop Makeup Service Inquiries**

2.9.2.1 ECI may obtain LMU information by submitting a LMU Service Inquiry (LMUSI) mechanically or manually. Mechanized LMUSIs should be submitted through BellSouth's Operational Support Systems interfaces. After obtaining the Loop information from the mechanized LMUSI process, if ECI needs further loop information in order to determine loop service capability, ECI may initiate a separate Manual Service Inquiry for a separate nonrecurring charge as set forth in Exhibit B of this Attachment.

2.9.2.2 Manual LMUSIs shall be submitted by electronic mail to BellSouth's Complex Resale Support Group (CRSG)/Account Team utilizing the Preordering Loop Makeup Service Inquiry form. The service interval for the return of a Loop Makeup Manual Service Inquiry is three business days. Manual LMUSIs are not subject to expedite requests. This service interval is distinct from the interval applied to the subsequent service order.

## 2.9.3 **Loop Reservations**

2.9.3.1 For a Mechanized LMUSI, ECI may reserve up to ten Loop facilities. For a Manual LMUSI, ECI may reserve up to three Loop facilities.

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

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

## 2.9.4 **Ordering of Other UNE Services**

- 2.9.4.1 All LSRs issued for reserved facilities shall reference the facility reservation number as provided by BellSouth. ECI will not be billed any additional LMU charges for the loop ordered on such LSR. If, however, ECI does not reserve facilities upon an initial LMUSI, ECI's placement of an order for an advanced data service type facility will incur the appropriate billing charges to include service inquiry and reservation per Exhibit B of this Attachment.
- 2.9.4.2 Where ECI has reserved multiple Loop facilities on a single reservation, ECI may not specify which facility shall be provisioned when submitting the LSR. For those occasions, BellSouth will assign to ECI, subject to availability, a facility that meets the BellSouth technical standards of the BellSouth type Loop as ordered by ECI. If the ordered Loop type is not available, ECI may utilize the Unbundled Loop Modification process or the Special Construction process, as applicable, to obtain the Loop type ordered.
- 3. High Frequency Spectrum Network Element**
- 3.1 General
- 3.1.1 BellSouth shall provide ECI access to the high frequency portion of the local loop as an unbundled network element only where BellSouth is the voice service provider to the end user ("High Frequency Spectrum") at the rates set forth in this Attachment.
- 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 ECI the ability to provide Digital Subscriber Line ("xDSL") data services to the end user for which BellSouth provides voice services. The High Frequency Spectrum shall be available for any version of xDSL complying with Spectrum Management Class 5 of ANSI T1.417, *American National Standard for Telecommunications, Spectrum Management for Loop Transmission Systems*. BellSouth will continue to have access to the low frequency portion of the loop spectrum (from 300 Hertz to at least 3000 Hertz, and potentially up to 3400 Hertz, depending on equipment and facilities) for the purposes of providing voice service. ECI shall only use xDSL technology that is within the PSD mask for Spectrum Management Class 5 as found in the above-mentioned document.
- 3.1.3 Access to the High Frequency Spectrum requires an unconditioned, 2-wire copper Loop. An unloaded Loop is a copper Loop with no load coils, low-pass filters, range extenders, DAMLs, or similar devices and minimal bridged taps consistent with ANSI T1.413 and T1.601. BellSouth will provide Loop conditioning to ECI in accordance with the Unbundled Loop Modification process set forth in Section 2.5 of this Attachment. BellSouth is not required to condition a Loop for access to the High Frequency spectrum if conditioning of that Loop significantly degrades BellSouth's voice service. If ECI requests that BellSouth condition a

Loop longer than 18,000 ft. and such conditioning significantly degrades the voice services on the Loop, ECI shall pay for the Loop to be restored to its original state.

3.2 **Provisioning of High Frequency Spectrum and Splitter Space**

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

3.2.1.1 To order High Frequency Spectrum on a particular Loop, ECI must have a Digital Subscriber Line Access Multiplexer (DSLAM) collocated in the central office that serves the end-user of such Loop. ECI may order splitters in a central office once it has installed its DSLAM in that central office. BellSouth will install splitters within forty-two (42) calendar days of ECI'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.

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

3.2.1.3 BellSouth will select, purchase, install, and maintain a central office POTS splitter and provide ECI access to data ports on the splitter. The splitter will route the High Frequency Spectrum on the circuit to ECI's xDSL equipment in ECI's collocation space. At least 30 days before making a change in splitter suppliers, BellSouth will provide ECI with a carrier notification letter, informing ECI of change. ECI shall purchase ports on the splitter in increments of 24 ports.

3.2.1.4 BellSouth will install the splitter in (i) a common area close to ECI's collocation area, if possible; or (ii) in a BellSouth relay rack as close to ECI's DS0 termination point as possible. ECI shall have access to the splitter for test purposes, regardless of where the splitter is placed in the BellSouth premises. For purposes of this section, a common area is defined as an area in the central office in which both Parties have access to a common test access point. A Termination Point is defined as the point of termination for ECI on the toll main distributing frame in the central office and is not the demarcation point set forth in Attachment 4 of this Agreement. BellSouth will cross-connect the splitter data ports to a specified ECI DS0 at such time that a ECI 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, or in the event BellSouth disconnects the

end user's voice service pursuant to its tariffs or applicable law, and ECI desires to continue providing xDSL service on such Loop, ECI shall be required to purchase a full stand-alone Loop unbundled network element. To the extent commercially practicable, BellSouth shall give ECI notice in a reasonable time prior to disconnect, which notice shall give ECI an adequate opportunity to notify BellSouth of its intent to purchase such Loop. In those cases in which BellSouth no longer provides voice service to the end user and ECI purchases the full stand-alone Loop, ECI may elect the type of loop it will purchase. ECI will pay the appropriate recurring and non-recurring rates for such Loop as set forth in Exhibit B to this Attachment. In the event ECI purchases a voice grade Loop, ECI acknowledges that such Loop may not remain xDSL compatible.

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

3.2.2 **Ordering**

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

- 3.2.2.2 BellSouth will return a manual Firm Order Confirmation ("FOC") in no more than two (2) business days after receipt of a valid, error free manual LSR. When ECI submits an electronic LSR for High Frequency Spectrum, BellSouth will return a FOC in four (4) hours ninety-five percent (95%) of the time, or, for orders that do not flow-through, in two (2) business days. BellSouth will provide ECI with access to the High Frequency Spectrum at the following target intervals:

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

- 3.2.2.2.2 BellSouth will provide to ECI BellSouth's Loop Qualification System that BellSouth uses to qualify loops for its own ADSL offering.

- 3.2.2.2.3 BellSouth will provide ECI access to Preordering Loop Makeup (LMU), in accordance with the terms of this Agreement. BellSouth shall bill and ECI shall pay the rates for such services, as described in Exhibit B.

- 3.2.2.2.4 BellSouth shall test the data portion of the loop to ensure the continuity of the wiring for ECI's data.

3.2.3 **Maintenance and Repair**

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

- 3.2.3.2 BellSouth will be responsible for repairing voice services and the physical line between the network interface device at the customer's premises and the Termination Point. ECI will be responsible for repairing data services. Each Party will be responsible for maintaining its own equipment.
- 3.2.3.3 ECI shall inform its end users to direct data problems to ECI, unless both voice and data services are impaired, in which event the end users should call BellSouth.
- 3.2.3.4 Once a Party has isolated a trouble to the other Party's portion of the loop, the Party isolating the trouble shall notify the end user that the trouble is on the other Party's portion of the Loop.
- 3.2.3.5 In the event ECI'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 ECI and allow twenty-four (24) hours to cure the trouble. If ECI fails to resolve the trouble, BellSouth may discontinue ECI's access to the High Frequency Spectrum on such loop.
- 3.2.4 **Line Splitting.**
- 3.2.4.1 BellSouth will work cooperatively with CLECs to develop rates, methods and procedures to operationalize a process whereby two CLECs, one being a provider of voice services (a "Voice CLEC") and the other being a provider of data services (a "Data CLEC") may provide services over the same loop. The loop and port over which the services are provided cannot be a loop and port combination (i.e., UNE-P), but must be individual, stand alone network elements. The Voice CLEC or the Data CLEC shall be responsible for connecting the loop and port to a CLEC-owned splitter. BellSouth shall not own or maintain the splitter used for this purpose. When such rates, methods and procedures have been developed and operationalized, then at the request of ECI, the Parties shall amend this Agreement to incorporate the same.

#### **4. Local Switching**

- 4.1 BellSouth shall provide non-discriminatory access to local circuit switching capability and local tandem switching capability on an unbundled basis, except as set forth in the Sections below to ECI for the provision of a telecommunications service. BellSouth shall provide non-discriminatory access to packet switching capability on an unbundled basis to ECI for the provision of a telecommunications service only in the limited circumstance described below in Section 4.5.
- 4.2 **Local Circuit Switching Capability, including Tandem Switching Capability**
- 4.2.1 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; (C) switching provided by remote switching modules; and (D) 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. Any features that are not currently available but are technically feasible through the switch can be requested through the BFR/NBR process.

- 4.2.2 Notwithstanding BellSouth's general duty to unbundle local circuit switching, BellSouth shall not be required to unbundle local circuit switching for ECI when ECI serves an end-user with four (4) or more voice-grade (DS-0) equivalents or lines served by BellSouth in one of the following MSAs: Atlanta, GA; Miami, FL; Orlando, FL; Ft. Lauderdale, FL; Charlotte-Gastonia-Rock Hill, NC; Greensboro-Winston Salem-High Point, NC; Nashville, TN; and New Orleans, LA, 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.
- 4.2.3 In the event that ECI orders local circuit switching for an end user with four (4) or more 2-wire voice-grade loops from a BellSouth central office in an MSA listed above, BellSouth shall charge ECI the market based rates in Exhibit B for use of the local circuit switching functionality for the affected facilities.
- 4.2.4 Unbundled Local Switching consists of three separate unbundled elements: Unbundled Ports, End Office Switching Functionality, and End Office Interoffice Trunk Ports.
- 4.2.5 Unbundled Local Switching combined with Common Transport and, if necessary, Tandem Switching provides to ECI's end user local calling and the ability to presubscribe to a primary carrier for intraLATA and/or to presubscribe to a primary carrier for interLATA toll service.
- 4.2.6 Provided that ECI purchases unbundled local switching from BellSouth and uses the BellSouth CIC for its end users' LPIC or if a BellSouth local end user selects BellSouth as its LPIC, then the Parties will consider as local any calls originated by an ECI local end user, or originated by a BellSouth local end user and terminated to an ECI local end user, where such calls originate and terminate in the same LATA, except for those calls originated and terminated through switched access arrangements (i.e., calls that are transported by a party other than BellSouth). For such calls, BellSouth will charge ECI the UNE elements for the

BellSouth facilities utilized. Neither Party shall bill the other originating or terminating switched access charges for such calls. Inter-carrier compensation for local calls between BellSouth and ECI shall be as described in BellSouth's UNE Local Call Flows set forth on BellSouth's web site.

- 4.2.7 BellSouth shall assess ECI retroactive charges for UNE transport and switching associated with using the BellSouth LPIC if ECI has been able to previously select BellSouth as the end user LPIC prior to the option allowing the selection of a BellSouth provided LATA-wide local calling area being offered.
- 4.2.8 Where ECI purchases unbundled local switching from BellSouth but does not use the BellSouth CIC for its end users' LPIC, BellSouth will consider as local those direct dialed telephone calls that originate from an ECI end user and terminate within the basic local calling area or within the extended local calling areas and that are dialed using 7 or 10 digits as defined and specified in Section A3 of BellSouth's General Subscriber Services Tariffs. For such local calls, BellSouth will charge ECI the UNE elements for the BellSouth facilities utilized. Inter-carrier compensation for local calls between BellSouth and ECI shall be as described in BellSouth's UNE Local Call Flows set forth on BellSouth's web site.
- 4.2.9 For any calls that originate and terminate through switched access arrangements (i.e., calls that are transported by a party other than BellSouth), BellSouth shall bill ECI the UNE elements for the BellSouth facilities utilized. Each Party may bill the toll provider originating or terminating switched access charges, as appropriate.
- 4.2.10 Reverse billed toll calls, such as intraLATA 800 calls, calling card calls and third party billed calls, where BellSouth is the carrier shall also be considered as local calls and ECI shall not bill BellSouth originating or terminating switched access for such calls.
- 4.2.11 **Unbundled Port Features**
- 4.2.11.1 Charges for Unbundled Port are as set forth in Exhibit B, and as specified in such exhibit, may or may not include individual features.
- 4.2.11.2 Where applicable and available, non-switch-based services may be ordered with the Unbundled Port at BellSouth's retail rates.
- 4.2.11.3 Any features that are not currently available but are technically feasible through the switch can be requested through the BFR/NBR process.
- 4.2.11.4 BellSouth will provide to ECI selective routing of calls to a requested Operator System platform pursuant to Section 10 of Attachment 2. Any other routing requests by ECI will be made pursuant to the BFR/NBR Process as set forth in General Terms and Conditions.



**4.2.12 Provision for Local Switching**

- 4.2.12.1 BellSouth shall perform routine testing (e.g., Mechanized Loop Tests (MLT) and test calls such as 105, 107 and 108 type calls) and fault isolation on a mutually agreed upon schedule.
- 4.2.12.2 BellSouth shall control congestion points such as those caused by radio station call-ins, and network routing abnormalities. All traffic shall be restricted in a non-discriminatory manner.
- 4.2.12.3 BellSouth shall perform manual call trace and permit customer originated call trace. BellSouth shall provide Switching Service Point (SSP) capabilities and signaling software to interconnect the signaling links destined to the Signaling Transfer Point Switch (STPS). These capabilities shall adhere to the technical specifications set forth in the applicable industry standard technical references.
- 4.2.12.4 BellSouth shall provide interfaces to adjuncts through Telcordia standard interfaces. These adjuncts can include, but are not limited to, the Service Circuit Node and Automatic Call Distributors. BellSouth shall offer to ECI all AIN triggers in connection with its SMS/SCE offering.
- 4.2.12.5 BellSouth shall provide access to SS7 Signaling Network or Multi-Frequency trunking if requested by ECI.

**4.2.13 Local Switching Interfaces.**

- 4.2.13.1 ECI shall order ports and associated interfaces compatible with the services it wishes to provide, as listed in Exhibit B. BellSouth shall provide the following local switching interfaces:
  - 4.2.13.1.1 Standard Tip/Ring interface including loopstart or groundstart, on-hook signaling (e.g., for calling number, calling name and message waiting lamp);
  - 4.2.13.1.2 Coin phone signaling;
  - 4.2.13.1.3 Basic Rate Interface ISDN adhering to appropriate Telcordia Technical Requirements;
  - 4.2.13.1.4 Two-wire analog interface to PBX;
  - 4.2.13.1.5 Four-wire analog interface to PBX;
  - 4.2.13.1.6 Four-wire DS1 interface to PBX or customer provided equipment (e.g. computers and voice response systems);
  - 4.2.13.1.7 Primary Rate ISDN to PBX adhering to ANSI standards Q.931, Q.932 and appropriate Telcordia Technical Requirements;

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

4.2.13.1.9 Loops adhering to Telcordia TR-NWT-08 and TR-NWT-303 specifications to interconnect Digital Loop Carriers.

#### 4.3 **Tandem Switching**

4.3.1 The Tandem Switching capability Network Element is defined as: (i) trunk-connect facilities, which include, but are not limited to, the connection between trunk termination at a cross connect panel and switch trunk card; (ii) the basic switch trunk function of connecting trunks to trunks; and (iii) the functions that are centralized in the Tandem Switches (as distinguished from separate end office switches), including but not limited to call recording, the routing of calls to operator services and signaling conversion features.

#### 4.3.2 **Technical Requirements**

4.3.2.1 Tandem Switching shall have the same capabilities or equivalent capabilities as those described in Telcordia TR-TSY-000540 Issue 2R2, Tandem Supplement, 6/1/90. The requirements for Tandem Switching include, but are not limited to the following:

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

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

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

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

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

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

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

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

- 4.3.2.4 Tandem Switching shall process originating toll-free traffic received from ECI's local switch.
- 4.3.2.5 In support of AIN triggers and features, Tandem Switching shall provide SSP capabilities when these capabilities are not available from the Local Switching Network Element, to the extent such Tandem Switch has such capability.
- 4.3.3 Upon ECI's purchase of overflow trunk groups, Tandem Switching shall provide an alternate routing pattern for ECI's traffic overflowing from direct end office high usage trunk groups.
- 4.4 **AIN Selective Carrier Routing for Operator Services, Directory Assistance and Repair Centers**
- 4.4.1 BellSouth will provide AIN Selective Carrier Routing at the request of ECI. AIN Selective Carrier Routing will provide ECI 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.
- 4.4.2 ECI 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.
- 4.4.3 AIN Selective Carrier Routing is not available in DMS 10 switches.
- 4.4.4 Where AIN Selective Carrier Routing is utilized by ECI, the routing of ECI's end user calls shall be pursuant to information provided by ECI 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.
- 4.4.5 Upon ordering of AIN Selective Carrier Routing Regional Service, ECI shall remit to BellSouth the Regional Service Order non-recurring charges set forth in Exhibit B 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 B of this Attachment. For each ECI end user activated, there shall be a non-recurring End User Establishment charge as set forth in Exhibit B of this Attachment. ECI shall pay the AIN Selective Carrier Routing Per Query Charge set forth in Exhibit B of this Attachment.
- 4.4.6 This Regional Service Order non-recurring charge will be non-refundable and will be paid with 1/2 due up-front with the submission of all fully completed required forms, including: Regional Selective Carrier Routing (SCR) Order Request-Form A, Central Office AIN 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 ECI's fully completed firm order as a Regional Service Order. With the delivery of this firm order response to ECI, 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.

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

#### 4.5 **Packet Switching Capability**

- 4.5.1 The packet switching capability network element is defined as the 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.
- 4.5.2 BellSouth shall be required to provide non-discriminatory access to unbundled packet switching capability only where each of the following conditions are satisfied:
  - 4.5.2.1 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);
  - 4.5.2.2 There are no spare copper loops capable of supporting the xDSL services ECI seeks to offer;
  - 4.5.2.3 BellSouth has not permitted ECI to deploy a DSLAM at the remote terminal, pedestal or environmentally controlled vault or other interconnection point, nor has ECI obtained a virtual collocation arrangement at these sub-loop interconnection points as defined by 47 CFR § 51.319 (b); and

- 4.5.2.4 BellSouth has deployed packet switching capability for its own use.
- 4.5.3 If there is a dispute as to whether BellSouth must provide Packet Switching, such dispute will be resolved according to the dispute resolution process set forth in Section 12 of the General Terms and Conditions of this Agreement, incorporated herein by this reference.

#### 4.6 **Interoffice Transmission Facilities**

- 4.6.1 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 ECI for the provision of a telecommunications service.

### 5. **Unbundled Network Element Combinations**

- 5.1 Unbundled Network Element Combinations shall include: 1) Enhanced Extended Links (EELs); 2) Other Non-Switched Combinations; 3) UNE Loop/Special Access Combinations; and 4) UNE Loop/Port 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 **Enhanced Extended Links (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. ECI shall provide to BellSouth a letter certifying that ECI is providing a significant amount of local exchange service (as described in Sections 5.3.5.2, 5.3.5.3, 5.3.5.4, or 5.3.5.5) over such combinations. This offering is intended to provide connectivity from an end user’s location through that end user’s SWC to ECI’s POP serving wire center. The circuit must be connected to ECI’s switch for the purpose of provisioning telephone exchange service to ECI’s end-user customers. The EEL will be connected to ECI’s facilities in ECI’s collocation space at the POP SWC, or ECI may purchase BellSouth’s access facilities between ECI’s POP and ECI’s collocation space at the POP SWC.
- 5.3.3 BellSouth shall provide EEL combinations to ECI in Georgia and Tennessee regardless of whether or not such EELs are Currently Combined. In all other states, BellSouth shall make available to ECI those EEL combinations described in Section 5.3.4 below only to the extent such combinations are Currently

Combined. Furthermore, BellSouth will make available new EEL combinations to ECI in density Zone 1, as defined in 47 CFR 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. Except as stated above, EELs will be provided to ECI 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 **Special Access Service Conversions**

- 5.3.5.1 ECI may not convert special access services to combinations of loop and transport network elements, whether or not ECI self-provides its entrance facilities (or obtains entrance facilities from a third party), unless ECI 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 ECI requests to convert any special access services to combinations of loop and transport network elements at UNE prices, ECI shall provide to BellSouth a letter certifying that ECI 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 ECI seeks to qualify for conversion of special access circuits. ECI shall be deemed to be providing a significant amount of local exchange service over such combinations if one of the following options is met:

- 5.3.5.2 ECI certifies that it is the exclusive provider of an end user's local exchange service. The loop-transport combinations must terminate at ECI'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, ECI is the end user's only local service provider, and thus, is providing more than a significant amount of local exchange service. ECI 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
- 5.3.5.3 ECI 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 these criteria. The loop-transport combination must terminate at ECI'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
- 5.3.5.4 ECI 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 these criteria. This option does not allow loop-transport combinations to be connected to BellSouth's tariffed services. Under this option, collocation is not required. ECI 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.
- 5.3.5.5 In addition, there may be extraordinary circumstances where ECI is providing a significant amount of local exchange service, but does not qualify under any of the three options set forth in Section 5.3.5. In such case, ECI 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 ECI's request the Parties shall amend this Agreement to the extent necessary to incorporate the terms of such waiver for such extraordinary circumstance.

- 5.3.5.6 BellSouth may at its sole discretion audit ECI 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 ECI 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, ECI shall reimburse BellSouth for the cost of the audit. If, based on its audits, BellSouth concludes that ECI 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 ECI.
- 5.3.5.7 ECI 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.
- 5.3.6 **Rates**
- 5.3.6.1 Georgia and Tennessee
- 5.3.6.1.1 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 B of this Attachment.
- 5.3.6.1.2 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.
- 5.3.6.1.3 To the extent that ECI 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, ECI, at its option, can request that such rates be determined pursuant to the BFR/NBR process set forth in this Agreement.
- 5.3.6.2 All Other States
- 5.3.6.2.1 Subject to the preceding sections, 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 B of this Attachment.



### 5.3.7 **Multiplexing**

5.3.7.1 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 Non-Switched Combinations**

5.4.1 In the states of Georgia and Tennessee, BellSouth shall make available to ECI, 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 ECI, 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 and Tennessee

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 B of this Attachment.

5.4.2.1.2 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 that make up the combination.

5.4.2.1.3 To the extent that ECI 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, ECI, at its option, can request that such rates be determined pursuant to the BFR/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 B of this Attachment.

### 5.5 **UNE Loop/Special Access Combinations**

- 5.5.1 BellSouth shall make available to ECI a new combination of an unbundled loop and tariffed special access interoffice facilities. To the extent ECI 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 5.3.5.
- 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 B and the interoffice transport rates and multiplexing rates as set forth in the Access Services Tariff.
- 5.6 **UNE Port/Loop Combinations**
- 5.6.1 Combinations of port and loop unbundled network elements along with switching and transport unbundled network elements provide local exchange service for the origination or termination of calls. Port/ loop combinations support the same local calling and feature requirements as described in the Unbundled Local Switching or Port section of this Attachment 2 and the ability to presubscribe to a primary carrier for intraLATA and/or to presubscribe to a primary carrier for interLATA toll service.
- 5.6.2 BellSouth shall make available Currently Combined and not Currently Combined UNE port/loop combinations.
- 5.6.2.1 Except as set forth in section 5.6.3 below, the rates at which BellSouth shall provide Currently Combined UNE port/loop combinations and not Currently Combined UNE port/loop combinations in the states of Georgia and Tennessee shall be the cost-based rates in Exhibit C.
- 5.6.2.2 The rates at which BellSouth shall provide not Currently Combined UNE port/loop combinations in Alabama, Florida, Kentucky, Louisiana, Mississippi, North Carolina and South Carolina shall be the market rates in Exhibit C.
- 5.6.3 BellSouth is not required to provide combinations of port and loop network elements on an unbundled basis in locations where, pursuant to FCC rules, BellSouth is not required to provide circuit switching as an unbundled network element.
- 5.6.3.1 BellSouth shall not be required to provide local circuit switching as an unbundled network element in density Zone 1, as defined in 47 CFR 69.123 as of January 1, 1999 of the Atlanta, GA; Miami, FL; Orlando, FL; Ft. Lauderdale, FL; Charlotte-Gastonia-Rock Hill, NC; Greensboro-Winston Salem-High Point, NC; Nashville,

TN; and New Orleans, LA, MSAs to ECI if ECI's customer has 4 or more DS0 equivalent lines.

- 5.6.3.2 Notwithstanding the foregoing, BellSouth shall provide combinations of port and loop network elements on an unbundled basis where, pursuant to FCC rules, BellSouth is not required to provide local circuit switching as an unbundled network element and shall do so at the market rates in Exhibit C.
- 5.6.4 Combination Offerings
- 5.6.4.1 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.
- 5.6.4.2 2-wire voice grade Coin port, voice grade loop, unbundled end office switching, unbundled end office trunk port, common transport per mile per MOU, common transport facilities termination, tandem switching, and tandem trunk port.
- 5.6.4.3 2-wire voice grade DID port, voice grade loop, unbundled end office switching, unbundled end office trunk port, common transport per mile per MOU, common transport facilities termination, tandem switching, and tandem trunk port.
- 5.6.4.4 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.
- 5.6.4.5 2-wire ISDN Basic Rate Interface, voice grade loop, unbundled end office switching, unbundled end office trunk port, common transport per mile per MOU, common transport facilities termination, tandem switching, and tandem trunk port.
- 5.6.4.6 4-wire ISDN Primary Rate Interface, DS1 loop, unbundled end office switching, unbundled end office trunk port, common transport per mile per MOU, common transport facilities termination, tandem switching, and tandem trunk port.
- 5.6.4.7 4-wire DS1 Trunk port, DS1 Loop, unbundled end office switching, unbundled end office trunk port, common transport per mile per MOU, common transport facilities termination, tandem switching, and tandem trunk port.
- 5.6.4.8 4-wire DS1 Loop with normal serving wire center channelization interface, 2-wire voice grade ports (PBX), 2-wire DID ports, unbundled end office switching, unbundled end office trunk port, common transport per mile per MOU, common transport facilities termination, tandem switching, and tandem trunk port.

## **6 Transport, Channelization and Dark Fiber**

### **6.6 Transport**

- 6.6.3 Interoffice transmission facility network elements include:
- 6.6.3.1 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 ECI.
  - 6.6.3.2 Dark Fiber transport, defined as BellSouth's optical transmission facilities without attached signal regeneration, multiplexing, aggregation or other electronics;
  - 6.6.3.3 Common (Shared) transport, defined as transmission facilities shared by more than one carrier, including BellSouth, between end office switches, between end office switches and tandem switches, and between tandem switches, in BellSouth's network. Where BellSouth Network Elements are connected by intraoffice wiring, such wiring is provided as part of the Network Element and is not Common (Shared) Transport.
- 6.6.4 BellSouth shall:
- 6.6.4.1 Provide ECI 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;
  - 6.6.4.2 Provide all technically feasible transmission facilities, features, functions, and capabilities of the transport facility for the provision of telecommunications services;
  - 6.6.4.3 Permit, to the extent technically feasible, ECI to connect such interoffice facilities to equipment designated by ECI, including but not limited to, ECI's collocated facilities; and
  - 6.6.4.4 Permit, to the extent technically feasible, ECI to obtain the functionality provided by BellSouth's digital cross-connect systems.
- 6.6.5 Technical Requirements of Common (Shared) Transport
- 6.6.5.1 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 applicable industry standards.
  - 6.6.5.2 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 applicable industry standards.

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

6.6.5.4 At a minimum, Common (Shared) Transport shall meet all of the requirements set forth in the applicable industry standards.

6.7 **Dedicated Transport**

6.7.3 Dedicated Transport is composed of the following Unbundled Network Elements:

6.7.3.1 Unbundled Local Channel, defined as the dedicated transmission path between ECI's Point of Presence ("POP") and ECI's collocation space in the BellSouth Serving Wire Center for ECI's POP, and

6.7.3.2 Unbundled Interoffice Channel, defined as the dedicated transmission path that provides telecommunication between BellSouth's Serving Wire Centers' collocations.

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

6.7.3.3.1 As capacity on a shared UNE facility.

6.7.3.3.2 As a circuit (e.g., DS0, DS1, DS3) dedicated to ECI.

6.7.3.4 Dedicated Transport may be provided over facilities such as optical fiber, copper twisted pair, and coaxial cable, and shall include transmission equipment such as, line terminating equipment, amplifiers, and regenerators.

6.7.4 Technical Requirements

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

6.7.4.2 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 applicable industry standards.

6.7.4.3 For DS3 circuits, Dedicated Transport shall, at a minimum, meet the performance, availability, jitter, and delay requirements specified for CI to CO connections in the applicable industry standards.

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

6.7.4.4.1 DS0 Equivalent;

- 6.7.4.4.2 DS1;
- 6.7.4.4.3 DS3; and
- 6.7.4.4.4 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.
- 6.7.4.5 BellSouth shall design Dedicated Transport according to its network infrastructure. ECI shall specify the termination points for Dedicated Transport.
- 6.7.4.6 At a minimum, Dedicated Transport shall meet each of the requirements set forth in the applicable industry technical references.
- 6.7.4.7 BellSouth Technical References:
  - 6.7.4.7.1 TR-TSY-000191 Alarm Indication Signals Requirements and Objectives, Issue 1, May 1986.
  - 6.7.4.7.2 TR 73501 LightGate<sup>®</sup> Service Interface and Performance Specifications, Issue D, June 1995.
  - 6.7.4.7.3 TR 73525 MegaLink<sup>®</sup> Service, MegaLink Channel Service and MegaLink Plus Service Interface and Performance Specifications, Issue C, May 1996.
- 6.8 **Unbundled Channelization (Multiplexing)**
  - 6.8.3 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. Channelization will be offered with both the high and low speed sides to be connected to collocation. Channelization 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, ECI may request channel activation on an as-needed basis and BellSouth shall connect the requested facilities via Central Office Channel Interfaces (COCIs). The COCI must be compatible with the lower capacity facility and ordered with the lower capacity facility.
  - 6.8.4 BellSouth shall make available the following channelization systems:
    - 6.8.4.1 DS3 Channelization System: channelizes a DS3 signal into 28 DS1s/STS-1s.
    - 6.8.4.2 DS1 Channelization System: channelizes a DS1 signal into 24 DS0s.
  - 6.8.5 BellSouth shall make available the following

- 6.8.5.1 Central Office Channel Interfaces (COCI):
- 6.8.5.2 DS1 COCI, which can be activated on a DS3 Channelization System.
- 6.8.5.3 Voice Grade and Digital Data COCI, which can be activated on a DS1 Channelization System.
- 6.8.5.4 Data COCI, which can be activated on a DS1 Channelization System.
- 6.8.5.5 AMI and B8ZS line coding with either Super Frame (SF) and Extended Super Frame (ESF) framing formats will be supported as options.
- 6.8.6 Technical Requirements
  - 6.8.6.1 In order to assure proper operation with BellSouth provided central office multiplexing functionality, ECI's channelization equipment must adhere strictly to form and protocol standards. ECI must also adhere to such applicable industry standards for the multiplex channel bank, for voice frequency encoding, for various signaling schemes, and for sub rate digital access.
  - 6.8.6.2 DS0 to DS1 Channelization
    - 6.8.6.2.1 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.
  - 6.8.6.3 DS1 to DS3 Channelization
    - 6.8.6.3.1 The DS3 signal must be framed utilizing the framing structure define in ANSI T1.107, Digital Hierarchy Formats Specifications. The asynchronous M13 multiplex format (combination of M12 and M23 formats) is specified for terminal equipment that multiplexes 28 DS1s into a DS3.
  - 6.8.6.4 DS1 to STS Channelization
    - 6.8.6.4.1 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.
- 6.9 **Dark Fiber Transport**
  - 6.9.3 Dark Fiber Transport is an unused optical transmission facility without attached signal regeneration, multiplexing, aggregation or other electronics that connects two points within BellSouth's network. It may be strands of optical fiber existing in aerial or underground structure. BellSouth will not provide line terminating

elements, regeneration or other electronics necessary for ECI to utilize Dark Fiber Transport.

- 6.9.4 Dark Fiber Transport rates are differentiated between Local Channel, Interoffice Channel and Local Loop.
- 6.9.5 Requirements
  - 6.9.5.1 BellSouth shall make available Dark Fiber Transport where it exists in BellSouth's network and where, as a result of future building or deployment, it becomes available. Dark Fiber Transport will not be deemed available if (1) it is used by BellSouth for maintenance and repair purposes, (2) it is designated for use pursuant to a firm order placed by another customer, (3) it is restricted for use by all carriers, including BellSouth, because of transmission problems or because it is scheduled for removal due to documented changes to roads and infrastructure, or (4) BellSouth has plans to use the fiber within a two-year planning period. BellSouth is not required to place fibers for Dark Fiber Transport if there are none available.
  - 6.9.5.2 If the requested Dark Fiber Transport has any lightwave repeater equipment interspliced to it, BellSouth will remove such equipment at ECI's request subject to time and materials charges.
  - 6.9.5.3 ECI is solely responsible for testing the quality of the Dark Fiber Transport to determine its usability and performance specifications.
  - 6.9.5.4 BellSouth shall use its best efforts to provide to ECI information regarding the location, availability and performance of Dark Fiber Transport within ten (10) business days after receiving a request from ECI. Within such time period, BellSouth shall send written confirmation of availability of the Dark Fiber Transport.
  - 6.9.5.5 If the requested Dark Fiber Transport is available, BellSouth shall use its commercially reasonable efforts to provision the Dark Fiber Transport to ECI within twenty (20) business days after ECI submits a valid, error free LSR. Provisioning includes identification of appropriate connection points (e.g., Light Guide Interconnection (LGX) or splice points) to enable ECI to connect or splice ECI provided transmission media (e.g., optical fiber) or equipment to the Dark Fiber Transport.
  - 6.9.5.6 ECI may splice at the end points and test Dark Fiber Transport obtained from BellSouth using ECI or ECI designated personnel. BellSouth shall provide appropriate interfaces to allow splicing and testing of Dark Fiber Transport. For fiber in underground conduit, BellSouth shall provide a minimum of 25 feet of excess cable to allow the uncoiled fiber to reach from the manhole to a splicing van.



## **7 BellSouth Switched Access (“SWA”) 8XX Toll Free Dialing Ten Digit Screening Service**

7.6 The BellSouth SWA 8XX Toll Free Dialing Ten Digit Screening Service database (“8XX SCP Database”) is a Signaling control Point (“SCP”) that contains customer record information and the functionality to provide call-handling instructions for 8XX calls. The 8XX SCP IN software stores data downloaded from the national SMS/8XX database and provides the routing instructions in response to queries from the Switching Service Point (“SSP”) or tandem. The BellSouth SWA 8XX Toll Free Dialing Ten Digit Screening Service (“8XX TFD Service”) utilizes the 8XX SCP Database to provide identification and routing of the 8XX calls, based on the ten digits dialed. At ECI’s option, 8XX TFD Service is provided with or without POTS number delivery, dialing number delivery, and other optional complex features as selected by ECI.

7.7 The 8XX SCP Database is designated to receive and respond to queries using the ANSI Specification of Signaling System Seven (SS7) protocol.

## **8 Line Information Database (LIDB)**

8.6 The Line Information Database (LIDB) is a transaction-oriented database accessible through Common Channel Signaling (CCS) networks. For access to LIDB, ECI must purchase appropriate signaling links pursuant to Section 9 of this Attachment. LIDB contains records associated with end user Line Numbers and Special Billing Numbers. LIDB accepts queries from other Network Elements and provides appropriate responses. The query originator need not be the owner of LIDB data. LIDB queries include functions such as screening billed numbers that provides the ability to accept Collect or Third Number Billing calls and validation of Telephone Line Number based non-proprietary calling cards. The interface for the LIDB functionality is the interface between BellSouth’s CCS network and other CCS networks. LIDB also interfaces to administrative systems.

8.7 Technical Requirements

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

8.7.4 BellSouth shall process ECI’s Customer records in LIDB at least at parity with BellSouth customer records, with respect to other LIDB functions. BellSouth shall indicate to ECI what additional functions (if any) are performed by LIDB in the BellSouth network.

8.7.5 Within two (2) weeks after a request by ECI, BellSouth shall provide ECI with a list of the customer data items, which ECI 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.

- 8.7.6 BellSouth shall provide LIDB systems for which operating deficiencies that would result in calls being blocked shall not exceed 30 minutes per year.
- 8.7.7 BellSouth shall provide LIDB systems for which operating deficiencies that would not result in calls being blocked shall not exceed 12 hours per year.
- 8.7.8 BellSouth shall provide LIDB systems for which the LIDB function shall be in overload no more than 12 hours per year.
- 8.7.9 All additions, updates and deletions of ECI data to the LIDB shall be solely at the direction of ECI. Such direction from ECI will not be required where the addition, update or deletion is necessary to perform standard fraud control measures (e.g., calling card auto-deactivation).
- 8.7.10 BellSouth shall provide priority updates to LIDB for ECI data upon ECI'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.
- 8.7.11 BellSouth shall provide LIDB systems such that no more than 0.01% of ECI customer records will be missing from LIDB, as measured by ECI audits. BellSouth will audit ECI records in LIDB against DBAS to identify record mismatches and provide this data to a designated ECI contact person to resolve the status of the records and BellSouth will update system appropriately. BellSouth will refer record of mis-matches to ECI within one business day of audit. Once reconciled records are received back from ECI, 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 ECI to negotiate a time frame for the updates, not to exceed three business days.
- 8.7.12 BellSouth shall perform backup and recovery of all of ECI'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.
- 8.7.13 BellSouth shall provide ECI 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 ECI and BellSouth.
- 8.7.14 BellSouth shall prevent any access to or use of ECI 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 ECI in writing.

- 8.7.15 BellSouth shall provide ECI 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 ECI at least at parity with BellSouth Customer Data. BellSouth shall obtain from ECI the screening information associated with LIDB Data Screening of ECI 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 ECI under the BFR/NBR process as set forth in Attachment 12.
- 8.7.16 BellSouth shall accept queries to LIDB associated with ECI customer records, and shall return responses in accordance with industry standards.
- 8.7.17 BellSouth shall provide mean processing time at the LIDB within 0.50 seconds under normal conditions as defined in industry standards.
- 8.7.18 BellSouth shall provide processing time at the LIDB within 1 second for 99% of all messages under normal conditions as defined in industry standards.
- 8.8 Interface Requirements
- 8.8.3 BellSouth shall offer LIDB in accordance with the requirements of this subsection.
- 8.8.4 The interface to LIDB shall be in accordance with the technical references contained within.
- 8.8.5 The CCS interface to LIDB shall be the standard interface described herein.
- 8.8.6 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.
- 9 Signaling**
- 9.6 BellSouth shall offer access to signaling and access to BellSouth's signaling databases subject to compatibility testing and at the rates set forth in this Attachment. BellSouth may provide mediated access to BellSouth signaling systems and databases. Available signaling elements include signaling links, signal transfer points and service control points. Signaling functionality will be available with both A-link and B-link connectivity.
- 9.7 **Signaling Link Transport**

- 9.7.3 Signaling Link Transport is a set of two or four dedicated 56 kbps transmission paths between ECI-designated Signaling Points of Interconnection that provide appropriate physical diversity.
- 9.7.4 Technical Requirements
- 9.7.5 Signaling Link Transport shall consist of full duplex mode 56 kbps transmission paths and shall perform in the following two ways:
- 9.7.5.1 As an “A-link” Signaling Link Transport is a connection between a switch or SCP and a home Signaling Transfer Point switch pair; and
- 9.7.5.2 As a “B-link” Signaling Link Transport is a connection between two Signaling Transfer Point switch pairs in different company networks (e.g., between two Signaling Transfer Point switch pairs for two CLECs).
- 9.7.6 Signaling Link Transport shall consist of two or more signaling link layers as follows:
- 9.7.6.1 An A-link layer shall consist of two links.
- 9.7.6.2 A B-link layer shall consist of four links.
- 9.7.6.3 A signaling link layer shall satisfy interoffice and intraoffice diversity of facilities and equipment, such that:
- 9.7.6.4 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
- 9.7.6.5 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).
- 9.7.7 Interface Requirements
- 9.7.7.1 There shall be a DS1 (1.544 Mbps) interface at ECI’s designated SPOIs. Each 56 kbps transmission path shall appear as a DS0 channel within the DS1 interface.
- 9.8 **Signaling Transfer Points (STPs)**
- 9.8.3 A Signaling Transfer Point is a signaling network function that includes all of the capabilities provided by the signaling transfer point switches (STPs) and their associated signaling links that enables the exchange of SS7 messages among and between switching elements, database elements and signaling transfer point switches.
- 9.8.4 Technical Requirements

- 9.8.4.1 Signaling Transfer Point s shall provide access to BellSouth Local Switching or Tandem Switching and to BellSouth Service Control Points/Databases connected to BellSouth SS7 network. Signaling Transfer Point also provide access to third-party local or tandem switching and Third-party-provided Signaling Transfer Points.
- 9.8.4.2 The connectivity provided by Signaling Transfer Points shall fully support the functions of all other Network Elements connected to the BellSouth SS7 network. This includes the use of the BellSouth SS7 network to convey messages that neither originate nor terminate at a signaling end point directly connected to the BellSouth SS7 network (i.e., transit messages). When the BellSouth SS7 network is used to convey transit messages, there shall be no alteration of the Integrated Services Digital Network User Part or Transaction Capabilities Application Part (TCAP) user data that constitutes the content of the message.
- 9.8.4.3 If a BellSouth tandem switch routes traffic, based on dialed or translated digits, on SS7 trunks between a ECI 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 ECI 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.
- 9.8.4.4 STPs shall provide all functions of the SCCP necessary for Class 0 (basic connectionless) service, as defined in Telcordia ANSI Interconnection Requirements. This includes Global Title Translation (GTT) and SCCP Management procedures, as specified in ANSI T1.112.4. Where the destination signaling point is a ECI 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 ECI database, then ECI agrees to provide BellSouth with the Destination Point Code for ECI database.
- 9.8.4.5 STPs shall provide all functions of the OMAP as specified in applicable industry standard technical references, which may include, where available in BellSouth's network, MTP Routing Verification Test (MRVT); and SCCP Routing Verification Test (SRVT).
- 9.8.4.6 Where the destination signaling point is a BellSouth local or tandem switching system or database, or is a ECI or third party local or tandem switching system directly connected to the BellSouth SS7 network, STPs shall perform MRVT and SRVT to the destination signaling point. In all other cases, STPs shall perform MRVT and SRVT to a gateway pair of STPs in an SS7 network connected with

the BellSouth SS7 network. This requirement may be superseded by the specifications for Internetwork MRVT and SRVT when these become approved ANSI standards and available capabilities of BellSouth STPs.

9.9 **SS7 Advanced Intelligent Network (AIN) Access**

- 9.9.3 When technically feasible and upon request by ECI, SS7 AIN Access shall be made available in association with switching. SS7 AIN Access is the provisioning of AIN 0.1 triggers in an equipped BellSouth local switch and interconnection of the BellSouth SS7 network with ECI's SS7 network to exchange TCAP queries and responses with a ECI SCP.
- 9.9.4 SS7 AIN Access shall provide ECI SCP access to an equipped BellSouth local switch via interconnection of BellSouth's SS7 and ECI SS7 Networks. BellSouth shall offer SS7 AIN Access through its STPs. If BellSouth requires a mediation device on any part of its network specific to this form of access, BellSouth must route its messages in the same manner. The interconnection arrangement shall result in the BellSouth local switch recognizing the ECI SCP as at least at parity with BellSouth's SCPs in terms of interfaces, performance and capabilities.
- 9.9.5 Interface Requirements
- 9.9.5.1 BellSouth shall provide the following STP options to connect ECI or ECI-designated local switching systems to the BellSouth SS7 network:
- 9.9.5.1.1 An A-link interface from ECI local switching systems; and,
- 9.9.5.1.2 A B-link interface from ECI local STPs.
- 9.9.5.2 Each type of interface shall be provided by one or more layers of signaling links.
- 9.9.5.3 The Signaling Point of Interconnection for each link shall be located at a cross-connect element 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.
- 9.9.5.4 BellSouth shall provide intraoffice diversity between the Signaling Point of Interconnection 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.
- 9.9.5.5 STPs shall provide all functions of the MTP as defined in the applicable industry standard technical references.
- 9.9.6 Message Screening

- 9.9.6.1 BellSouth shall set message screening parameters so as to accept valid messages from ECI local or tandem switching systems destined to any signaling point within BellSouth's SS7 network where the ECI switching system has a valid signaling relationship.
- 9.9.6.2 BellSouth shall set message screening parameters so as to pass valid messages from ECI local or tandem switching systems destined to any signaling point or network accessed through BellSouth's SS7 network where the ECI switching system has a valid signaling relationship.
- 9.9.6.3 BellSouth shall set message screening parameters so as to accept and pass/send valid messages destined to and from ECI from any signaling point or network interconnected through BellSouth's SS7 network where the ECI SCP has a valid signaling relationship.
- 9.10 **Service Control Points/Databases**
- 9.10.3 Call Related Databases provide the storage of, access to, and manipulation of information required to offer a particular service and/or capability. BellSouth shall provide access to the following Databases: Local Number Portability, LIDB, Toll Free Number Database, Automatic Location Identification/Data Management System, and Calling Name Database. BellSouth also provides access to Service Creation Environment and Service Management System (SCE/SMS) application databases and Directory Assistance.
- 9.10.4 A Service Control Point (SCP) is deployed in a SS7 network that executes service application logic in response to SS7 queries sent to it by a switching system also connected to the SS7 network. Service Management Systems provide operational interfaces to allow for provisioning, administration and maintenance of subscriber data and service application data stored in SCPs.
- 9.10.5 Technical Requirements for SCPs/Databases
- 9.10.5.1 BellSouth shall provide physical access to SCPs through the SS7 network and protocols with TCAP as the application layer protocol.
- 9.10.5.2 BellSouth shall provide physical interconnection to databases via industry standard interfaces and protocols (e.g. SS7, ISDN and X.25).
- 9.10.5.3 The reliability of interconnection options shall be consistent with requirements for diversity and survivability.
- 9.11 **Local Number Portability Database**
- 9.11.3 The Permanent Number Portability (PNP) database supplies routing numbers for calls involving numbers that have been ported from one local service provider to another. BellSouth agrees to provide access to the PNP database at rates, terms

and conditions as set forth by BellSouth and in accordance with an effective FCC or Commission directive.

9.12 **SS7 Network Interconnection**

- 9.12.3 SS7 Network Interconnection is the interconnection of ECI local signaling transfer point switches or ECI local or tandem switching systems with BellSouth signaling transfer point switches. This interconnection provides connectivity that enables the exchange of SS7 messages among BellSouth switching systems and databases, ECI local or tandem switching systems, and other third-party switching systems directly connected to the BellSouth SS7 network.
- 9.12.4 The connectivity provided by SS7 Network Interconnection shall fully support the functions of BellSouth switching systems and databases and ECI or other third-party switching systems with A-link access to the BellSouth SS7 network.
- 9.12.5 If traffic is routed based on dialed or translated digits between a ECI 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 ECI local signaling transfer point switches and BellSouth or other third-party local switch.
- 9.12.6 SS7 Network Interconnection shall provide:
- 9.12.6.1 Signaling Data Link functions, as specified in ANSI T1.111.2;
- 9.12.6.2 Signaling Link functions, as specified in ANSI T1.111.3; and
- 9.12.6.3 Signaling Network Management functions, as specified in ANSI T1.111.4.
- 9.12.7 SS7 Network Interconnection shall provide all functions of the SCCP necessary for Class 0 (basic connectionless) service, as specified in ANSI T1.112. This includes Global Title Translation (GTT) and SCCP Management procedures, as specified in ANSI T1.112.4. Where the destination signaling point is a BellSouth switching system or DB, or is another third-party local or tandem switching system directly connected to the BellSouth SS7 network, SS7 Network Interconnection shall include final GTT of messages to the destination and SCCP Subsystem Management of the destination. Where the destination signaling point is a ECI local or tandem switching system, SS7 Network Interconnection shall include intermediate GTT of messages to a gateway pair of ECI local STPs, and shall not include SCCP Subsystem Management of the destination.
- 9.12.8 SS7 Network Interconnection shall provide all functions of the Integrated Services Digital Network User Part, as specified in ANSI T1.113.



- 9.12.9 SS7 Network Interconnection shall provide all functions of the TCAP, as specified in ANSI T1.114.
- 9.12.10 If Internetwork MRVT and SRVT become approved ANSI standards and available capabilities of BellSouth STPs, SS7 Network Interconnection may provide these functions of the OMAP.
- 9.12.11 Interface Requirements
  - 9.12.11.1 The following SS7 Network Interconnection interface options are available to connect ECI or ECI-designated local or tandem switching systems or signaling transfer point switches to the BellSouth SS7 network:
    - 9.12.11.1.1 A-link interface from ECI local or tandem switching systems; and
    - 9.12.11.1.2 B-link interface from ECI STPs.
  - 9.12.11.2 The Signaling Point of Interconnection for each link shall be located at a cross-connect element in the central office where the BellSouth STP is located. There shall be a DS1 or higher rate transport interface at each of the Signaling Points of interconnection. Each signaling link shall appear as a DS0 channel within the DS1 or higher rate interface.
  - 9.12.11.3 BellSouth shall provide intraoffice diversity between the Signaling Points of Interconnection and the BellSouth STP, so that no single failure of intraoffice facilities or equipment shall cause the failure of both B-links in a layer connecting to a BellSouth STP.
  - 9.12.11.4 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.
  - 9.12.11.5 BellSouth shall set message screening parameters to accept messages from ECI local or tandem switching systems destined to any signaling point in the BellSouth SS7 network with which the ECI switching system has a valid signaling relationship.

## **10 Operator Service and Directory Assistance**

- 10.6 Operator Service provides: (1) operator handling for call completion (for example, collect, third number billing, and manual calling-card calls), (2) operator or automated assistance for billing after the end user has dialed the called number (for example, calling card calls); and (3) special services including but not limited to Busy Line Verification and Emergency Line Interrupt (ELI), Emergency Agency Call, and Operator-assisted Directory Assistance.
- 10.7 Upon request for BellSouth Operator Services, BellSouth shall:

- 10.7.3 Process 0+ and 0- dialed local calls.
- 10.7.4 Process 0+ and 0- intraLATA toll calls.
- 10.7.5 Process calls that are billed to ECI end user's calling card that can be validated by BellSouth.
- 10.7.6 Process person-to-person calls.
- 10.7.7 Process collect calls.
- 10.7.8 Provide the capability for callers to bill to a third party and shall also process such calls.
- 10.7.9 Process station-to-station calls.
- 10.7.10 Process Busy Line Verify and Emergency Line Interrupt requests.
- 10.7.11 Process emergency call trace originated by Public Safety Answering Points.
- 10.7.12 Process operator-assisted directory assistance calls.
- 10.7.13 Adhere to equal access requirements, providing ECI local end users the same IXC access as provided to BellSouth end users.
- 10.7.14 Exercise at least the same level of fraud control in providing Operator Service to ECI that BellSouth provides for its own operator service.
- 10.7.15 Perform Billed Number Screening when handling Collect, Person-to-Person, and Billed-to-Third-Party calls.
- 10.7.16 Direct customer account and other similar inquiries to the customer service center designated by ECI.
- 10.7.17 Provide call records to ECI in accordance with ODUF standards specified in Attachment 7.
- 10.7.18 The interface requirements shall conform to the interface specifications for the platform used to provide Operator Services as long as the interface conforms to industry standards.
- 10.8 **Directory Assistance Service**
- 10.8.3 Directory Assistance Service provides local end user telephone number listings with the option to complete the call at the caller's direction separate and distinct from local switching.

- 10.8.4 Directory Assistance Service shall provide up to two listing requests per call. If available and if requested by ECI'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.

**10.8.5 Directory Assistance Service Updates**

- 10.8.5.1 BellSouth shall update end user listings changes daily. These changes include:

10.8.5.1.1 New end user connections

10.8.5.1.2 End user disconnections

10.8.5.1.3 End user address changes

- 10.8.5.2 These updates shall also be provided for non-listed and non-published numbers for use in emergencies.

**10.9 Branding for Operator Call Processing and Directory Assistance**

- 10.9.3 BellSouth's branding feature provides a definable announcement to ECI end users using Directory Assistance (DA)/Operator Call Processing (OCP) prior to placing such end users in queue or connecting them to an available operator or automated operator system. This feature allows ECI to have its calls custom branded with ECI's name on whose behalf BellSouth is providing Directory Assistance and/or Operator Call Processing. Rates for the branding features are set forth in this Attachment.

- 10.9.4 BellSouth offers three (3) service levels of branding to ECI when ordering BellSouth's Directory Assistance and Operator Call Processing.

10.9.4.1 Service Level 1 - BellSouth Branding

10.9.4.2 Service Level 2 - Unbranding

10.9.4.3 Service Level 3 - Custom Branding

- 10.9.5 Where ECI resells BellSouth's services or purchases unbundled local switching from BellSouth, and utilizes a directory assistance provider and operator services provider other than BellSouth, BellSouth will route ECI's end user calls to that provider through Selective Carrier Routing.

**10.9.6 For Resellers and Use with an Unbundled Port**

- 10.9.6.1 Selective Call Routing using Line Class Codes (SCR-LCC) provides the capability for ECI to have its OS/DA calls routed to BellSouth's OS/DA platform for BellSouth provided Custom Branded or Unbranded OS/DA or to its own or an alternate OS/DA platform for Self-Branded OS/DA. SCR-LCC is only available

if line class code capacity is available in the requested BellSouth end office switches.

- 10.9.6.2 Custom Branding for Directory Assistance is not available for certain classes of service, including but not limited to Hotel/Motel services, WATS service, and certain PBX services.
- 10.9.6.3 Where available, ECI specific and unique line class codes are programmed in each BellSouth end office switch where ECI intends to serve end users with customized OS/DA branding. The line class codes specifically identify ECI's end users so OS/DA calls can be routed over the appropriate trunk group to the requested OS/DA platform. Additional line class codes are required in each end office if the end office serves multiple NPAs (i.e., a unique LCC is required per NPA), and/or if the end office switch serves multiple rate areas and ECI intends to provide ECI - branded OS/DA to its end users in these multiple rate areas.
- 10.9.6.4 BellSouth Branding is the Default Service Level.
- 10.9.6.5 SCR-LCC supporting Custom Branding and Self Branding require ECI to order dedicated trunking from each BellSouth end office identified by ECI, either to the BellSouth Traffic Operator Position System (TOPS) for Custom Branding or to the ECI Operator Service Provider for Self Branding. Separate trunk groups are required for Operator Services and for Directory Assistance. Rates for trunks are set forth in applicable BellSouth tariffs.
- 10.9.6.6 Unbranding - Unbranded Directory Assistance and/or Operator Call Processing calls ride common trunk groups provisioned by BellSouth from those end offices identified by ECI to the BellSouth TOPS. These calls are routed to "No Announcement."
- 10.9.6.7 The Rates for SCR-LCC are as set forth in this Attachment. There is a nonrecurring charge for the establishment of each Line Class Code in each BellSouth central office. Furthermore, for Unbranded and Custom Branded OS/DA provided by BellSouth Operator Services with unbundled ports and unbundled port/loop switch combinations, monthly recurring usage charges shall apply for the UNEs necessary to provide the service, such as end office and tandem switching and common transport. A flat rated end office switching charge shall apply to Self-Branded OS/DA when used in conjunction with unbundled ports and unbundled port/loop switch combinations.
- 10.9.6.8 In addition to the branding methods described in this Section, Unbranding and Custom Branding are also available for Directory Assistance, Operator Call Processing or both via Originating Line Number Screening (OLNS) software. When utilizing this method of Unbranding or Custom Branding, ECI shall not be required to purchase dedicated trunking.

- 10.9.6.9 For BellSouth to provide Unbranding or Custom Branding via OLNS software for Operator Call Processing or for Directory Assistance, ECI must have its Operating Company Number (“OCN(s)”) and telephone numbers reside in BellSouth’s LIDB; however, a BellSouth LIDB Storage Agreement is not required. To implement Unbranding and Custom Branding via OLNS software, ECI must submit a manual order form which requires, among other things, ECI’s OCN and a forecast for the traffic volume anticipated for each BellSouth TOPS during the peak busy hour. ECI shall provide updates to such forecast on a quarterly basis and at any time such forecasted traffic volumes are expected to change significantly. Upon ECI’s purchase of Unbranding or Custom Branding using OLNS software for any particular TOPS, all ECI end users served by that TOPS will receive the Unbranded “no announcement” or the Custom Branded announcement.
- 10.9.6.10 Rates for Unbranding and Custom Branding via OLNS software for Directory Assistance and for Operator Call Processing are as set forth in this Attachment. Notwithstanding anything to the contrary in this Agreement, to the extent BellSouth is unable to bill ECI applicable charges currently, BellSouth shall track such charges and will bill the same retroactively at such time as a billing process is implemented. In addition to the charges for Unbranding and Custom Branding via OLNS software, ECI shall continue to pay BellSouth applicable labor and other charges for the use of BellSouth’s Directory Assistance and Operator Call Processing platforms as set forth in this Attachment. Further, where ECI is purchasing unbundled local switching from BellSouth, UNE usage charges for end office switching, tandem switching and transport, as applicable, shall continue to apply.
- 10.9.7 **For Facilities Based Carriers**
- 10.9.7.1 All Service Levels require ECI 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.
- 10.9.7.2 Customized Branding includes charges for the recording of the branding announcement and the loading of the audio units in each TOPS Switch and Network Applications Vehicle (NAV) equipment for which ECI requires service.
- 10.9.7.3 Directory Assistance customized branding uses:
- 10.9.7.3.1 the recording of ECI;
- 10.9.7.3.2 the front-end loading of the Digital Recorded Announcement Machine (DRAM) in each TOPS switch.
- 10.9.7.4 Operator Call Processing customized branding uses:
- 10.9.7.4.1 the recording of ECI;

- 10.9.7.4.2 the front-end loading of the DRAM in the TOPS Switch;
- 10.9.7.4.3 the 0- automation loading for the audio units in the Enhanced Billing and Access Service (EBAS) in the Network Applications Vehicle (NAV).

10.10 **Directory Assistance Database Service (DADS)**

- 10.10.3 BellSouth shall make its Directory Assistance Database Service (DADS) available at the rates set forth in this Attachment solely for the expressed purpose of providing Directory Assistance type services to ECI end users. The term “end user” denotes any entity that 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). ECI agrees that DADS will not be used for any purpose that violates federal or state laws, statutes, regulatory orders or tariffs. For the purposes of provisioning a Directory Assistance type service, all terms and conditions of GSST A38 apply and are incorporated by reference herein. Except for the permitted uses, ECI agrees not to disclose DADS to others and shall provide due care in providing for the security and confidentiality of DADS.
- 10.10.4 BellSouth shall initially provide ECI with a Base File of subscriber listings which reflect all listing change activity occurring since ECI’s most recent update via magnetic tape. DADS is available and may be ordered on a Business, Residence or combined Business and Residence listings basis for each central office requested. BellSouth will require approximately 30- 45 days after receiving an order from ECI to prepare the Base File.
- 10.10.5 BellSouth will provide updates at least weekly reflecting all listing change activity occurring since ECI’s previous update. Delivery of updates will commence immediately after ECI receives the Base File. Updates will be provided via magnetic tape unless BellSouth and ECI mutually develop CONNECT: Direct<sup>TM</sup> electronic connectivity. ECI will pay all costs associated with CONNECT: Direct<sup>TM</sup> connectivity, which will vary depending upon volume and mileage.
- 10.10.6 ECI authorizes the inclusion of ECI Directory Assistance listings in the BellSouth Directory Assistance products, including but not limited to DADS. Any other use is not authorized.

10.11 **Direct Access to Directory Assistance Service**

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

- 10.11.4 Rates, terms and conditions for provisioning DADAS are as set forth in the FCC tariff No. 1.

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

- 11.6 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 enhanced routing flexibility for E911.

### **11.7 Technical Requirements**

- 11.7.3 BellSouth shall provide ECI a data link to the ALI/DMS database or permit ECI to provide its own data link to the ALI/DMS database. BellSouth shall provide error reports from the ALI/DMS database to ECI after ECI inputs end user information into the ALI/DMS database. Alternately, ECI may request that BellSouth enter ECI's end user information into the database, and validate end user information.
- 11.7.4 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 ECI requests otherwise and shall be updated if ECI requests, provided ECI supplies BellSouth with the updates.
- 11.7.5 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.
- 11.7.6 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.

### **11.8 Interface Requirements**

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

## **12 Calling Name (CNAM) Database Service**

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

- 12.7 ECI shall submit to BellSouth a notice of its intent to access and utilize BellSouth CNAM Database Services. Said notice shall be in writing, no less than 60 days prior to ECI's access to BellSouth's CNAM Database Services and shall be addressed to ECI's Account Manager.
- 12.8 BellSouth's provision of CNAM Database Services to ECI requires interconnection from ECI to BellSouth CNAM Service Control Points (SCPs). Such interconnections shall be established pursuant to Attachment 3 of this Agreement, incorporated herein by this reference.
- 12.9 In order to formulate a CNAM query to be sent to the BellSouth CNAM SCP, ECI shall provide its own CNAM SSP. ECI's CNAM SSPs must be compliant with TR-NWT-001188, "CLASS Calling Name Delivery Generic Requirements".
- 12.10 If ECI elects to access the BellSouth CNAM SCP via a third party CCS7 transport provider, the third party CCS7 provider shall interconnect with the BellSouth CCS7 network according to BellSouth's Common Channel Signaling Interconnection Guidelines and Telcordia's CCS Network Interface Specification document, TR-TSV-000905. In addition, the third party provider shall establish CCS7 interconnection at the BellSouth Local Signal Transfer Points (LSTPs) serving the BellSouth CNAM SCPs that ECI desires to query.
- 12.11 If ECI queries the BellSouth CNAM SCP via a third party national SS7 transport provider, the third party SS7 provider shall interconnect with the BellSouth CCS7 network according to BellSouth's Common Channel Signaling Interconnection Guidelines and Telcordia's CCS Network Interface Specification document, TR-TSV-000905. In addition, the third party provider shall establish SS7 interconnection at one or more of the BellSouth Gateway 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 and this Agreement shall be amended in accordance with modification of the General Terms and Conditions incorporated herein by this reference.
- 12.12 The mechanism to be used by ECI for initial CNAM record load and/or updates shall be determined by mutual agreement. The initial load and all updates shall be provided by ECI in the BellSouth specified format and shall contain records for every working telephone number that can originate phone calls. It is the responsibility of ECI to provide accurate information to BellSouth on a current basis.
- 12.13 Updates to the SMS shall occur no less than once a week, reflect service order activity affecting either name or telephone number, and involve only record additions, deletions or changes.
- 12.14 ECI CNAM records provided for storage in the BellSouth CNAM SCP shall be available, on a SCP query basis only, to all Parties querying the BellSouth CNAM



SCP. Further, CNAM service shall be provided by each Party consistent with state and/or federal regulation.

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

- 13.6 BellSouth's Service Creation Environment and Service Management System (SCE/SMS) Advanced Intelligent Network (AIN) Access shall provide ECI the capability to create service applications in a BellSouth SCE and deploy those applications in a BellSouth SMS to a BellSouth SCP.
- 13.7 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 ECI. Training, documentation, and technical support will address use of SCE and SMS access and administrative functions, but will not include support for the creation of a specific service application.
- 13.8 BellSouth SCP shall partition and protect ECI service logic and data from unauthorized access.
- 13.9 When ECI selects SCE/SMS AIN Access, BellSouth shall provide training, documentation, and technical support to enable ECI to use BellSouth's SCE/SMS AIN Access to create and administer applications.
- 13.9.3 ECI access will be provided via remote data connection (e.g., dial-in, ISDN).
- 13.9.4 BellSouth shall allow ECI to download data forms and/or tables to BellSouth SCP via BellSouth SMS without intervention from BellSouth.

**14 Basic 911 and E911**

- 14.6 Basic 911 and E911 provides a caller access to the applicable emergency service bureau by dialing 911.
- 14.7 Basic 911 Service Provisioning. BellSouth will provide to ECI 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. ECI 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. ECI will be required to route that call to BellSouth at the appropriate tandem or end office. When a municipality converts to E911 service, ECI will be required to begin using E911 procedures.

- 14.8 E911 Service Provisioning. ECI shall install a minimum of two dedicated trunks originating from the ECI 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. ECI will be required to provide BellSouth daily updates to the E911 database. ECI 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, ECI 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. ECI 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.
- 14.9 Rates. Charges for 911/E911 service are borne by the municipality purchasing the service. BellSouth will impose no charge on ECI beyond applicable charges for BellSouth trunking arrangements.
- 14.10 Basic 911 and E911 functions provided to ECI shall be at least at parity with the support and services that BellSouth provides to its end users for such similar functionality.
- 14.11 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 ECI to follow in providing 911/E911 services.
- 15 Operational Support Systems (OSS)**
- 15.6 BellSouth has developed and made available the following electronic interfaces by which ECI may submit LSRs electronically.
- |      |                                   |
|------|-----------------------------------|
| LENS | Local Exchange Navigation System  |
| EDI  | Electronic Data Interchange       |
| TAG  | Telecommunications Access Gateway |
- 15.7 LSRs submitted by means of one of these electronic interfaces will incur an OSS electronic ordering charge. An individual LSR will be identified for billing purposes by its Purchase Order Number (PON). LSRs submitted by means other than one of these interactive interfaces (mail, fax, courier, etc.) will incur a

manual order charge. All OSS charges are specified in Rate Exhibit B of this Attachment 2.

15.8 Denial/Restoral OSS Charge

15.8.3 In the event ECI 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.

15.9 Cancellation OSS Charge

15.9.3 ECI will incur an OSS charge for an accepted LSR that is later canceled.

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

15.9.5 Network Elements and Other Services Manual Additive

15.9.5.1 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 B.

**EXHIBIT A****LINE INFORMATION DATA BASE (LIDB)****FACILITIES BASED STORAGE AGREEMENT****I. Definitions**

- A. Billing number - a number that ECI 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 ECI.
- C. Special billing number - a ten-digit number that identifies a billing account established by ECI.
- D. Calling Card number - a billing number plus PIN number.
- E. PIN number - a four-digit security code assigned by ECI that 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 ECI.
- 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 ECI.

**II. General**

- 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 ECI and pursuant to which BellSouth, its LIDB customers and ECI shall have access to such information. In addition, this Agreement sets forth the terms and conditions for ECI's provision of billing number information to BellSouth for inclusion in BellSouth's LIDB. ECI 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 ECI, pursuant to this Agreement, shall be available to those telecommunications service providers. The terms and conditions contained herein shall hereby be made a part of this Interconnection Agreement upon notice to ECI's account team to activate this LIDB Storage Agreement. The General Terms and Conditions of the Interconnection/Resale Agreement shall govern this LIDB Storage Agreement.

- B. BellSouth will provide responses to on-line, call-by-call queries to billing number information for the following purposes:

1. Billed Number Screening

BellSouth is authorized to use the billing number information to determine whether ECI has identified the billing number as one that should not be billed for collect or third number calls.

2. Calling Card Validation

BellSouth is authorized to 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.

3. Fraud Control

BellSouth will provide seven days per week, 24-hours per day, fraud monitoring on Calling Cards, bill-to-third and collect calls made to numbers in BellSouth's LIDB, provided that such information is included in the LIDB query. BellSouth will establish fraud alert thresholds and will notify ECI of fraud alerts so that ECI may take action it deems appropriate.

### **III. Responsibilities of the Parties**

- A. BellSouth will administer all data stored in the LIDB, including the data provided by ECI pursuant to this Agreement, in the same manner as BellSouth's data for BellSouth's end user customers. BellSouth shall not be responsible to ECI 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.

B. Billing and Collection Customers

BellSouth currently has in effect numerous billing and collection agreements with various interexchange carriers and billing clearinghouses and as such these billing and collection customers ("B&C Customers") query BellSouth's LIDB to determine whether to accept various billing options from end users. Until such time as BellSouth implements in its LIDB and its supporting systems the means to differentiate ECI's data from BellSouth's data, the following terms and conditions shall apply:

1. ECI will accept responsibility for telecommunications services billed by BellSouth for its B&C Customers for ECI's End User accounts which are resident in LIDB pursuant to this Agreement. ECI authorizes BellSouth to place such charges on ECI's bill from BellSouth and shall pay all such charges including, but not limited to, collect and third number calls.

2. Charges for such services shall appear on a separate BellSouth bill page identified with the name of the B&C Customers for which BellSouth is billing the charge.
3. ECI shall have the responsibility to render a billing statement to its End Users for these charges, but ECI shall pay BellSouth for the charges billed regardless of whether ECI collects from ECI's End Users.
4. BellSouth shall have no obligation to become involved in any disputes between ECI and B&C Customers. BellSouth will not issue adjustments for charges billed on behalf of any B&C Customer to ECI. It shall be the responsibility of ECI and the B&C Customers to negotiate and arrange for any appropriate adjustments.

**C. SPNP Arrangements**

1. BellSouth will include billing number information associated with exchange lines or SPNP arrangements in its LIDB. ECI will request any toll billing exceptions via the Local Service Request (LSR) form used to order exchange lines, or the SPNP service request form used to order SPNP arrangements.
2. Under normal operating conditions, BellSouth shall include the billing number information in its LIDB upon completion of the service order establishing either the 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 local exchange lines or the SPNP arrangements. For local exchange lines or for SPNP arrangements, BellSouth will issue line-based calling cards only in the name of ECI. BellSouth will not issue line-based calling cards in the name of ECI's individual End Users. In the event that ECI wants to include calling card numbers assigned by ECI in the BellSouth LIDB, a separate agreement is required.

**V. Fees for Service and Taxes**

- A. ECI will not be charged a fee for storage services provided by BellSouth to ECI, as described in this LIDB Facilities Based Storage 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 ECI in accordance with the tax provisions set forth in the General Terms and Conditions of this Agreement.