BELLSOUTH

RECD TN REGULATORY AUTH.
'00 AUG 18 PM 2 14
EXECUTIVE SECRETARY

**BellSouth Telecommunications, Inc.**
333 Commerce Street
Suite 2101
Nashville, TN 37201-3300

guy.hicks@bellsouth.com

**Guy M. Hicks**
General Counsel

615 214-6301
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August 18, 2000

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

Re: *Approval of the Interconnection Agreement Negotiated by BellSouth Telecommunications, Inc. and TriVergent Communications, Inc. Pursuant to Sections 251 and 252 of the Telecommunications Act of 1996.*
Docket No. 00-00736

Dear Mr. Waddell:

Pursuant to Section 252(e) of the Telecommunications Act of 1996, TriVergent Communications, Inc. and BellSouth Telecommunications, Inc. are hereby submitting to the Tennessee Regulatory Authority the original and thirteen copies of the attached Petition for Approval of the Interconnection Agreement dated June 30th, 2000.

Thank you for your attention to this matter.

Sincerely yours,

Guy M. Hicks

cc: Hamilton E. Russell, III, TriVergent Communications, Inc.
Riley Murphy, Esq., Attorney for TriVergent
Don Baltimore, Esq., Attorney for TriVergent

#225148

POSTED 8/18/00

BEFORE THE TENNESSEE REGULATORY AUTHORITY
Nashville, Tennessee

REC'D TN REGULATORY AUTH.
'00 AUG 18 PM 2 14
EXECUTIVE SECRETARY

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

Docket No. 00-00736

**PETITION FOR APPROVAL OF THE INTERCONNECTION AGREEMENT NEGOTIATED BETWEEN BELLSOUTH TELECOMMUNICATIONS, INC. AND TRIVERGENT COMMUNICATIONS, INC. PURSUANT TO THE TELECOMMUNICATIONS ACT OF 1996**

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

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

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

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

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

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

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

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

This 18th day of August, 2000.

Respectfully submitted,

BELLSOUTH TELECOMMUNICATIONS, INC.

By: _____

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

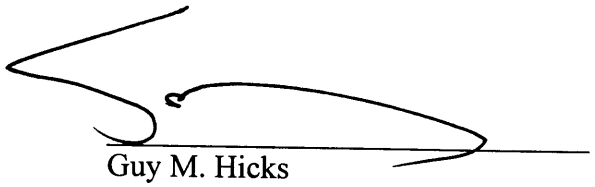
## CERTIFICATE OF SERVICE

I, Guy M. Hicks, hereby certify that I have served a copy of the foregoing Petition for Approval of the Interconnection Agreement on the following via United States Mail on the 18 day of August, 2000.

Hamilton E. Russell, III
Executive Vice President of Regulatory Affairs
TriVergent Communicaitons, Inc.
Suite 303, 200 North Main Street
Greenville, SC 29601

Riley Murphy, Esq.
General Counsel
TriVergent Communications, Inc.
Suite 303, North Main Street
Greenville, SC 29601

Don Baltimore, Esq.
Farrar & Bates
211 Seventh Ave., N.
Suite 420
Nashville, TN 37219-1823



Guy M. Hicks

# AGREEMENT

**THIS AGREEMENT** is made by and between BellSouth Telecommunications, Inc., ("BellSouth"), a Georgia corporation, and TriVergent Communications, Inc. ("TCI"), a South Carolina corporation, on behalf of itself and its certificated operating affiliates identified in Part C hereof, and shall be deemed effective as of June 30, 2000. This Agreement may refer to either BellSouth or TCI or both as a "Party" or "Parties ".

## WITNESSETH

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

WHEREAS, TCI is 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, for TCI to purchase network elements and other services from BellSouth, and to exchange traffic specifically for the purposes of fulfilling their applicable 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 TCI agree as follows:

1. **Purpose**

The resale, access and interconnection obligations contained herein enable TCI to provide competing telephone exchange service to residential and business subscribers within the territory of BellSouth. The Parties agree that TCI 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. Furthermore, the Parties agree that execution of this agreement will not preclude either party from advocating its position before the Commission or a court of competent jurisdiction.

2. **Term of the Agreement**

2.1 The term of this Agreement shall be three years, beginning June 30, 2000 and shall apply to the states 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 or TCI terminates this Agreement as provided above, BellSouth shall continue to offer services to TCI 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 TCI

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 To the extent not already provided, State 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, provided however that nothing required in these guides shall override TCI's rights or BellSouth's obligations under this Agreement.

3.3 TCI shall pay charges for Operational Support Systems (OSS) as specifically set forth in Attachments 1, 2, 3, 5 and 7 of this agreement, as applicable.

4. **Parity**

When TCI 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 TCI shall be at least equal in quality to that which BellSouth provides to itself. The provisioning intervals for network elements shall be at least equal to, but no longer than, those that BellSouth provides to itself. BellSouth shall make available network elements to TCI on the same terms and conditions as BellSouth provides to its affiliates, subsidiaries, end-users and any other carriers. The quality of the interconnection between the networks of BellSouth and the network of TCI 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 TCI.

5. **White Pages Listings**

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

5.1 Listings. BellSouth or its agent will include TCI residential and business customer listings in the appropriate White Pages (residential and business) or alphabetical directories. Directory listings will make no distinction between TCI and BellSouth subscribers.

5.2 Rates. BellSouth and TCI will provide to each other subscriber primary listing information in the White Pages at no charge except for applicable service order charges as set forth in the applicable tariffs.

5.3 Procedures for Submitting TCI Subscriber Information. BellSouth will provide to TCI a magnetic tape or computer disk containing the proper format for submitting subscriber listings. TCI will be required to provide BellSouth with directory listings and daily updates to those listings, including new, changed, and deleted listings, in an industry-accepted format. These procedures are detailed in BellSouth's Local Interconnection and Facility Based Ordering Guide.

5.3.1 Notwithstanding any provision(s) to the contrary, TCI agrees to provide to BellSouth, and BellSouth agrees to accept, TCI's Subscriber Listing Information (SLI) relating to TCI's customers in the geographic area(s) covered by this Interconnection Agreement. TCI authorizes BellSouth to release all such TCI SLI provided to BellSouth by TCI 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 TCI 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 TCI for BellSouth's receipt of TCI SLI, or for the subsequent release to third parties of such SLI. In addition, to the extent BellSouth incurs costs to modify its systems to enable the release of TCI's SLI, or costs on an ongoing basis to administer the release of TCI SLI, TCI shall pay to BellSouth its proportionate share of the reasonable and nondiscriminatory costs associated therewith.

5.3.3 BellSouth shall not be liable for the content or accuracy of any SLI provided by TCI under this Agreement. TCI 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 TCI listings or use of the SLI provided pursuant to this Agreement. BellSouth shall forward to TCI any complaints received by BellSouth relating to the accuracy or quality of TCI 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. TCI will be required to provide to BellSouth the names, addresses and telephone numbers of all TCI customers that wish to be omitted from directories.

5.5 Inclusion of TCI Customers in Directory Assistance Database. BellSouth will include and maintain TCI subscriber listings in BellSouth's directory assistance databases at no charge. BellSouth and TCI will adhere to appropriate procedures regarding lead time, timeliness, format and content of listing information as set forth in the BellSouth Local Interconnection and Facility Based Ordering Guide.

5.6 Listing Information Confidentiality. BellSouth will accord TCI's directory listing information the same level of confidentiality that BellSouth accords its own directory listing information, and BellSouth shall limit access to TCI'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 TCI subscribers at no charge and within the same time frame as BellSouth delivers such directories to its own subscribers.

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

Subject to 47 C.F.R. 51.317 and 47 C.F.R. 51.319 BellSouth shall, upon request of TCI, provide to TCI access to network elements not identified in this agreement at any technically feasible point for the provision of TCI's telecommunications service. . Any request by TCI for access to a network element, interconnection option, or for the provisioning of any service or product that is not already available shall be treated as a Bona Fide Request/New Business Request, and shall be submitted to BellSouth pursuant to the Bona Fide Request/New Business Request process set forth in Attachment 12 of this Agreement.

7. **Local Dialing Parity**

BellSouth shall provide local dialing parity as described in the Act and required by FCC rules, regulations and policies. TCI End Users shall not have to dial any greater number of digits than BellSouth End Users to complete the same call. In addition, TCI End Users shall experience at least the same service quality as BellSouth End Users in terms of post-dial delay, call completion rate and transmission quality.

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

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

8.2 TCI 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 TCI end users. Billing for such requests will be generated by BellSouth and directed to the law enforcement agency initiating the request.

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

8.4 Where BellSouth is providing to TCI telecommunications services for resale or providing to TCI the local switching function, then TCI agrees that in those cases

where TCI receives subpoenas or court ordered requests regarding targeted telephone numbers belonging to TCI end users, if TCI does not have the requested information, TCI 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.

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

9. **Liability and Indemnification**

9.1 BellSouth Liability. BellSouth shall take financial responsibility for its own actions in causing, or its lack of action in preventing, unbillable or uncollectible TCI revenues.

9.2 TCI Liability. In the event that TCI 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 TCI under this Agreement.

9.3 Liability for Acts or Omissions of Third Parties. Neither BellSouth nor TCI shall be liable for any act or omission of another telecommunications company providing a portion of the services provided under this Agreement.

9.4 Limitation of Liability.

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

9.4.2 With respect to any claim or suit, whether based in contract, tort or any other theory of legal liability, by BellSouth, any BellSouth Customer or by any other Person or entity, for damages associated with any of the services provided by TCI

pursuant to or in connection with this Agreement, including but not limited to the installation, provision, preemption, termination, maintenance, repair or restoration of service, and subject to the provisions of the remainder of this Section, TCI's liability shall be limited to an amount equal to the proportionate charge for the service provided pursuant to this Agreement for the period during which the service was affected. Notwithstanding the foregoing, claims for damages by BellSouth, any BellSouth Customer or any other Person or entity resulting from the gross negligence or willful misconduct of TCI, shall not be subject to such limitation of liability.

9.4.3 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.

9.4.4 Neither BellSouth nor TCI 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.

9.4.5 Except in case of gross negligence or willful or intentional misconduct, 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.

9.5 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.

9.6 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.

## 10. Intellectual Property Rights and Indemnification

10.1 No License. No patent, copyright, trademark or other proprietary right is licensed, granted or otherwise transferred by this Agreement. TCI 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.

10.2 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.

10.3 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.

10.4 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:

10.4.1 modify or replace the applicable facilities or equipment (including software) while maintaining form and function, or

10.4.2 obtain a license sufficient to allow such use to continue.

10.4.3 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.

10.5 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.

10.6 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.

## 11. Treatment of Proprietary and Confidential Information

11.1 Confidential Information. It may be necessary for BellSouth and TCI to provide each other with certain confidential information, including trade secret information, including but not limited to, technical and business plans, technical information, proposals, specifications, drawings, procedures, customer account data, call detail records and like information (hereinafter collectively referred to as "Information"). All Information shall be in writing or other tangible form and clearly marked with a confidential, private or proprietary legend and that the Information will be returned to the owner within a reasonable time. The Information shall not be copied or reproduced in any form. BellSouth and TCI shall receive such Information and not disclose such Information. BellSouth and TCI shall protect the Information received from distribution, disclosure or

dissemination to anyone except employees of BellSouth and TCI with a need to know such Information and which employees agree to be bound by the terms of this Section. BellSouth and TCI will use the same standard of care to protect Information received as they would use to protect their own confidential and proprietary Information.

11.2 Exception to Obligation. Notwithstanding the foregoing, there will be no obligation on BellSouth or TCI to protect any portion of the Information that is: (1) made publicly available by the owner of the Information or lawfully disclosed by a Party other than BellSouth or TCI; (2) lawfully obtained from any source other than the owner of the Information; or (3) previously known to the receiving Party without an obligation to keep it confidential.

## 12. Assignments

Neither Party hereto may assign or otherwise transfer its rights or obligations under this Agreement, except with the prior written consent of the other Party hereto, which consent shall not be unreasonably withheld; provided, however, that, so long as the performance of any assignee is guaranteed by the assignor: (i) either Party may assign its rights and delegate its benefits, duties and obligations under this Agreement, without the consent of the other Party, to any Affiliate of such Party and (ii) either Party may assign its rights and delegate its benefits, duties and obligations under this Agreement, without the consent of the other, to any person or entity that obtains control of all or substantially all of such assigning Party's assets, by stock purchase, asset purchase, merger, foreclosure, or otherwise. Each Party shall notify the other in writing of any such assignment. Nothing in this Section is intended to impair the right of either Party to utilize subcontractors.

## 13. Escalation Procedures

Each Party hereto shall provide the other party hereto with the names and telephone numbers or pagers of their respective managers up to the Vice Presidential level for the escalation of unresolved matters relating to their performance of their duties under this Agreement. Each Party shall supplement and update such information as necessary to facilitate prompt resolution of such matters. Each Party further agrees to establish an automatic internal escalation procedure relating to unresolved disputes arising under this Agreement.

## 14. Expedite Procedures

Each Party shall promptly establish a nondiscriminatory procedure for expediting installation and repair of facilities provided pursuant to this Agreement.

15. **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, the FCC or a court of law for resolution of the dispute. Each Party reserves any rights it may have to seek judicial review of any ruling made by the Commission concerning this Agreement. Furthermore, the Parties agree to carry on their obligations under the Agreement while any dispute resolution is pending

16. **Taxes**

16.1 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.

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

16.2.1 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.

16.2.2 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.

16.3 Taxes and Fees Imposed on Purchasing Party But Collected And Remitted By Providing Party.

16.3.1 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.

16.3.2 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.

16.3.3 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.

16.3.4 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.

16.3.5 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.

16.3.6 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.

16.3.7 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.

16.4 Taxes and Fees Imposed on Providing Party But Passed On To Purchasing Party.

16.4.1 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.

16.4.2 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. The Parties agree to use best efforts to bill taxes promptly.

16.4.3 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. Both Parties shall retain the right to contest the imposition of such taxes and fees. However, the Party contesting the imposition of such taxes and fees shall bear the resulting expense.

16.4.4 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.

16.4.5 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.

16.4.6 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.

16.4.7 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.

16.5 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.

## 17. Network Maintenance and Management

17.1 The Parties shall work cooperatively to implement this Agreement. The Parties shall exchange appropriate information (e.g., maintenance contact numbers, network information, information required to comply with law enforcement and other security agencies of the Government, etc.) as reasonably required to implement and perform this Agreement.

17.2 Each Party hereto shall design, maintain and operate their respective networks as necessary to ensure that the other Party hereto receives service quality which is consistent with generally accepted industry standards at least at parity with the network service quality given to itself, its Affiliates, its End Users or any other Telecommunications Carrier.

17.3 Neither Party shall use any service or facility provided under this Agreement in a manner that impairs the quality of service to other Telecommunications Carriers' or to either Party's End Users. Each Party will provide the other Party notice of any such impairment at the earliest practicable time.

17.4 BellSouth agrees to provide TCI prior notice consistent with applicable FCC rules and the Act of changes in the information necessary for the transmission and routing of services using BellSouth's facilities or networks, as well as other changes that affect the interoperability of those respective facilities and networks. This Agreement is not intended to limit BellSouth's ability to upgrade its network through the incorporation of new equipment, new software or otherwise so long as such upgrades are not inconsistent with BellSouth's obligations to TCI under the terms of this Agreement.

## 18. Changes In Subscriber Carrier Selection

18.1 Both Parties hereto shall apply all of the principles set forth in 47 C.F.R. § 64.1100 to the process for End User selection of a primary Local Exchange Carrier. BellSouth shall not require a disconnect order from an TCI Customer or another LEC in order to process an TCI order for Resale Service for an TCI End User. Until the FCC or the Commission adopts final rules and procedures regarding a Customer's selection of a primary Local Exchange Carrier, unless already done so, TCI shall deliver to BellSouth a Blanket Representation of Authorization that applies to all orders submitted by TCI under this Agreement that require a primary Local Exchange Carrier change. Both Parties hereto shall retain on file all applicable documentation of authorization, including letters of authorization, relating to their End User's selection as its primary Local Exchange Carrier, which documentation shall be available for inspection by the other Party hereto upon reasonable request during normal business hours.

18.2 If an End User denies authorizing a change in his or her primary Local Exchange Carrier selection to a different local exchange carrier ("Unauthorized Switching"),

the Party receiving the End User complaint shall switch or caused to be switched that End User back to his preferred carrier in accordance with Applicable Law.

19. **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.

20. **Year 2000 Compliance**

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

21. **Modification of Agreement**

21.1 BellSouth shall make available, pursuant to 47 USC § 252(i) and the FCC rules and regulations regarding such availability, to TCI at the same rates and terms and conditions of any interconnection, service, or network element provided under any other agreement filed and approved pursuant to 47 USC § 252. 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.

21.2 If TCI changes its name or makes changes to its identity due to a merger, acquisition, transfer or any other reason, it is the responsibility of TCI to notify

BellSouth of said change and request that an amendment to this Agreement, if necessary, be executed to reflect said change.

21.3 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.

21.4 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).

21.5 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 TCI or BellSouth to perform any material terms of this Agreement, TCI or BellSouth may, on fifteen (15) business 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 forty-five (45) business days after such notice, the Dispute may be referred to the Dispute Resolution procedure set forth in Section 12. In the event that the Parties reach agreement as to the new terms consistent with the above, the Parties agree to make the effective date of such amendment retroactive to the effective date of such Order consistent with this section, unless otherwise stated in the relevant Order.

22. **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.

23. **Governing Law**

This Agreement shall be governed by, and construed and enforced in accordance with, the laws of the state of Georgia.

24. **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.

25. **Notices**

25.1 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, addressed to:

**BellSouth Telecommunications, Inc.**

CLEC Account Team
9th Floor
600 North 19th Street
Birmingham, Alabama 35203

and

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

**TriVergent Communications, Inc.**

TriVergent Communications, Inc.
Suite 303
200 North Main Street
Greenville, SC 29601

Hamilton E. Russell, III
Executive Vice President of Regulatory Affairs
TriVergent Communications, Inc.
Suite 303
200 North Main Street
Greenville, SC 29601
e-mail address: brussell@trivergent.com
Phone: 864-331-7323
Facsimile: 864-331-7144

and

Riley Murphy, Esq.
General Counsel
TriVergent Communications, Inc.
Suite 303
200 North Main Street
Greenville, SC 29601
e-mail address: rmurphy@trivergent.com
Phone: 864-331-7318
Facsimile: 864-331-7146

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

25.2 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.

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

26. **Relationship of Parties**

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

27. **Third Party Beneficiaries**

This Agreement does not provide, and shall not be construed to provide, third parties with any benefit, remedy, claim, liability, reimbursement, cause of action, or other privilege.

28. **Cooperation on Preventing End User Fraud**

The Parties agree to cooperate fully with one another to investigate, minimize, prevent, and take corrective action in cases of fraud.

29. **Good Faith Performance**

In the performance of their obligations under this Agreement the Parties will act in good faith and consistently with the intent of the Act. Where notice, approval or similar action by a Party is permitted or required by any provision of this Agreement (including without limitation, the obligation of the Parties to further negotiate the resolution of new or open issues under this Agreement), such action will not be unreasonably delayed, withheld or conditioned.

30. **Independent Contractors**

Each Party is an independent contractor, and has and hereby retains the right to exercise full control of and supervision over its own performance of its obligations under this Agreement, and retains full control over the employment, direction, compensation and discharge of its employees assisting in the performance of such obligations. Each Party shall be solely responsible for all matters relating to payment of such employees, including compliance with social security taxes, withholding taxes and all other regulations governing such matters. Subject to the limitations on liability and except as otherwise provided in this Agreement, each Party shall be responsible for (i) its own acts and performance of all obligations imposed by Applicable Law in connection with its activities, legal status and property, real or personal and, (ii) the acts of its own Affiliates, employees, agents and contractors during the performance of the Party's obligations hereunder.

31. **Subcontracting**

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

32. **Severability**

If any term, condition or provision of this Agreement is held to be invalid or unenforceable for any reason, such invalidity or unenforceability shall not invalidate the entire Agreement, unless such construction would be unreasonable. The Agreement shall be construed as if it did not contain the invalid or unenforceable provision or provisions, and the rights and obligations of each Party shall be construed and enforced accordingly. Provided, however, that in the event such invalid or unenforceable provision or provisions are essential elements of this Agreement and substantially impair the rights or obligations of either Party, the Parties shall promptly negotiate a replacement provision or provisions. If impasse is reached, the Parties will resolve said impasse under the dispute resolution procedures set forth in Section 13.

33. **Survival of Obligations**

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

34. **Customer Inquiries**

34.1 Each Party shall refer all questions regarding the other Party's services or products directly to the other Party at a telephone number specified by that Party.

34.2 Each Party shall ensure that each of their representatives who receive inquiries regarding the other Party's services: (i) provide the numbers described in Section 46.1 to callers who inquire about the other Party's services or products, and (ii) do

not in any way disparage or discriminate against the other Party or its products or services.

35. **Compliance with Applicable Law**

35.1 Each Party shall comply at its own expense with all applicable federal, state, and local statutes, laws, rules, regulations, codes, effective orders, decisions, injunctions, judgments, awards and decrees that relate to its obligations under this Agreement. Nothing in this Agreement shall be construed as requiring or permitting either Party to contravene any mandatory requirement of Applicable Law, and nothing herein shall be deemed to prevent either Party from recovering its cost or otherwise billing the other Party for compliance with the Order to the extent required or permitted by the term of such Order.

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

36. **Labor Relations**

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

37. **Compliance with the Communications Law Enforcement Act of 1994 ("CALEA")**

Each Party represents and warrants that any equipment, facilities or services provided to the other Party under this Agreement comply with CALEA. Each Party shall indemnify and hold the other Party harmless from any and all penalties imposed upon the other Party for such other Party's noncompliance, and shall at the non-compliant Party's sole cost and expense, modify or replace any equipment, facilities or services provided to the other Party under this Agreement to ensure that such equipment, facilities and services fully comply with CALEA.

38. **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.

39. **Rule of Construction**

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

40. **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.

41. **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.

42. **Implementation of Agreement**

If TCI 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 or within 30 days of TCI placing its first order, whichever is later, 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.

43. **Additional Fair Competition Requirements**

43.1 In the event that either Party transfers facilities or other assets to an Affiliate which are necessary to comply with its obligations under this Agreement, the obligations hereunder shall survive and transfer to such Affiliate.

43.2 BellSouth shall allow local exchange customers of TCI to select BellSouth for the provision of intraLATA toll services on a nondiscriminatory basis; provided, however, that prior to establishment of BellSouth as the intraLATA toll carrier for TCI local exchange customers, the Parties shall negotiate a billing and collections agreement on commercially reasonable terms whereby TCI shall bill the customer on BellSouth's behalf and shall collect from the customer and remit to BellSouth intraLATA toll revenues. TCI agrees to bill its customers on BellSouth's behalf for both presubscribed and "dial around" intraLATA toll traffic. The Parties shall exchange customer record data on a timely basis as necessary to bill such customers for intraLATA toll usage.

43.3 BellSouth shall not use information derived from providing services or facilities to TCI to create a lead or other information base for a "winback" sales program.

44. **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, TCI shall be responsible for publishing the required notice and the publication and/or notice costs shall be borne by TCI.

45. **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 TCI. TCI 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

Jerry D. Hendrix
Name

Sr. Director
Title

06/30/2000
Date

**TriVergent Communications, Inc.**

Signature

Riley M. Murphy
Name

Sr. Vice President and General Counsel
Title

June 30, 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 the states in 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 TCI, a CLEC other than TCI or another telecommunications carrier through the network of BellSouth or TCI to an end user of TCI, a CLEC other than TCI 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 as defined in Attachment 3.

**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 following Network Elements: unbundled loops; network interface device; sub-loop elements; local switching; transport; tandem switching; signaling; access to call-related databases; dark fiber as set forth in Attachment 2 of this Agreement. BellSouth will provide packet switching capability only to the extent required pursuant to FCC rules. BellSouth will make Operator Call Processing and Directory Assistance Services available at the rates set forth in Exhibit C of 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 TCI 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.).

SCHEDULE OF TRIVERGENT COMMUNICATIONS, INC. OPERATING AFFALIATES

Trivergent Communications, Inc. (AL, FL, GA, KY, LA, MS, NC, SC, TN)

# Attachment 1

## Resale

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# RESALE

1. **Discount Rates**

The rates pursuant by which TCI is to purchase services from BellSouth for resale shall be at a discount rate off of the retail rate for the telecommunications service. The discount rates shall be as set forth in Exhibit A, attached hereto and incorporated herein by this reference. Such discount shall reflect the costs avoided by BellSouth when selling a service for wholesale purposes.

2. **Definition of Terms**

2.1 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.

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

2.3 END USER means the ultimate user of the telecommunications services.

2.4 END USER CUSTOMER LOCATION means the physical location of the premises where an end user makes use of the telecommunications services.

2.5 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.

2.6 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

2.7 RESALE means an activity wherein a certificated CLEC, such as TCI subscribes to the telecommunications services of BellSouth and then reoffers those telecommunications services to the public (with or without "adding value").

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

3. **General Provisions**

3.1 TCI 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.

BellSouth shall make available telecommunications services for resale at the rates set forth in Exhibit A to this Agreement and subject to the exclusions and limitations set forth in Exhibit B to this Agreement. The Parties do not however waive their 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. The Parties reserve 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. TCI may purchase resale services from BellSouth for its own use in operating its business. The resale discount will apply to those services under the following conditions:

3.1.1 TCI must resell services to other end users.

3.1.2 TCI 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.

3.1.3 TCI cannot be an alternative local exchange telecommunications company for the single purpose of selling to itself.

3.2 The provision of services by BellSouth to TCI does not constitute a joint undertaking for the furnishing of any service.

3.3 TCI 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 TCI for all services.

3.4 TCI 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.

3.5 BellSouth will continue to bill the end user for any services that the end user specifies it wishes to receive directly from BellSouth.

3.6 BellSouth maintains the right to serve directly any end user within the service area of TCI. BellSouth will continue to directly market its own telecommunications products and services and in doing so may establish independent relationships with end users of TCI.

3.7 Neither Party shall interfere with the right of any person or entity to obtain service directly from the other Party.

3.8 Current telephone numbers are assigned to the service furnished and may normally be retained by the end user. Neither Party has property rights to the telephone number or any other call number designation associated with services furnished by BellSouth. BellSouth reserves the right to change such numbers, or the central office designation associated with such numbers, or both in a non-discriminatory manner and at parity.

3.9 For the purpose of the resale of BellSouth's telecommunications services by TCI, BellSouth will provide TCI with an on line access to telephone numbers for reservation on a first come first serve basis. TCI shall be able to reserve telephone numbers to the same extent that BellSouth's retail operations may reserve telephone numbers. TCI acknowledges that there may be instances where there is a shortage of telephone numbers in a particular Common Language Location Identifier Code (CLLIC). In such instances BellSouth may request that TCI cancel its reservations of numbers, and any such request will be made in a non-discriminatory manner and at parity. TCI shall comply with such request.

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

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

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

3.13 BellSouth accepts no responsibility to any person for any unlawful act committed by TCI or its end users as part of providing service to TCI for purposes of resale or otherwise.

3.14 The characteristics and methods of operation of any circuits, facilities or equipment provided by any person or entity other than BellSouth shall not:

3.14.1 Interfere with or impair service over any facilities of BellSouth, its affiliates, or its connecting and concurring carriers involved in its service;

3.14.2 Cause damage to BellSouth's plant;

3.14.3 Impair the privacy of any communications; or

3.14.4 Create hazards to any BellSouth employees or the public.

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

3.16 White page directory listings will be provided in accordance with regulations set forth in Section A6 of the General Subscriber Services Tariff and will be available for resale.

3.17 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. TCI agrees 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 TCI will obtain access to customer record information only in strict compliance with applicable laws, rules, or regulations of the TCI in which the service is provided.

3.18 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. 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 ("MWI") stutter dial tone and message waiting light feature capabilities
- Call Forward on Busy/Don't Answer ("CF-B/DA")
- 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 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.

3.19 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 will not be discounted.

3.20 BellSouth shall notify TCI in advance of long term promotions (offered for longer than ninety (90) days) by posting a notice on its website.

3.21 New Resale Services; Changes in Provision of Resale Services

BellSouth shall use best efforts to provide TCI forty-five (45) days advance notice via Internet posting of changes to the prices, terms or conditions of services available for Resale. To the extent that revisions occur between the time BellSouth notifies TCI of changes under this Agreement and the time the changes are scheduled to be implemented, BellSouth will notify TCI of such revisions consistent with its internal notification process; provided that, TCI shall not utilize any notice given under this subsection to market resold offerings of that service in advance of BellSouth. In addition, upon request BellSouth shall furnish TCI with copies of publicly available service descriptions regarding the Resale Services. Notwithstanding the foregoing, TCI shall not utilize any such BellSouth service descriptions as part of its own sales or marketing efforts.

4. **BellSouth's Provision of Services to TCI**

4.1 TCI 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 TCI to establish authenticity of use. Consistent with Section 4.2 below. Such audit shall not occur more than once in a calendar year. TCI 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 TCI 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 TCI will adopt and adhere to the standards contained in the applicable CLEC Work Center Operational Understanding Agreement regarding maintenance and installation of service. Any conflict between the terms of the Operational Understanding Agreement and this Agreement shall

be resolved in favor of this Agreement. Services resold under BellSouth's Tariffs and facilities and equipment provided by BellSouth shall be maintained by BellSouth.

5.2 TCI 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.

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

5.4 TCI will be BellSouth's single point of contact for all repair calls on behalf of TCI's end users. The parties agree to provide one another with toll-free contact numbers for such purposes.

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

5.6 For all repair requests, TCI accepts responsibility for adhering to BellSouth's prescreening guidelines prior to referring the trouble to BellSouth.

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

5.8 BellSouth reserves the right to contact TCI'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, TCI will provide the appropriate BellSouth service center the necessary documentation to enable BellSouth to establish a master account for TCI'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 TCI that a current end user of BellSouth will subscribe to TCI'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 TCI's end user customer. TCI must, however, be able to demonstrate end user authorization upon request.

6.5 TCI 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 TCI to BellSouth or will accept a request from another CLEC for conversion of the end user's service from TCI to the other LEC. BellSouth will notify TCI that such a request has been processed.

6.6 If BellSouth determines that an unauthorized change in local service to TCI has occurred, BellSouth, upon customer request, will reestablish service with the appropriate local service provider and will assess TCI 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 TCI. These charges will be adjusted to reflect a full credit if TCI provides satisfactory proof of authorization. BellSouth will notify TCI within five (5) business days that such a request has been processed.

6.7 In order to safeguard its interest, BellSouth reserves the right to secure the account with a reasonable and nondiscriminatory 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 TCI 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 reasonable judgment and on a nondiscriminatory basis, 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 TCI defaults on its account, service to TCI 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.

6.8 Orders to switch services "as is" shall be treated as a change of service and shall *not* be treated as a disconnection and subsequent reconnection of service.

## 7. Payment And Billing Arrangements

7.1 To the extent TCI has not already done so, prior to submitting orders to BellSouth for local service, a master account must be established for TCI. TCI 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. BellSouth shall bill TCI on a current basis all applicable charges and credits.

7.2 Payment of all charges will be the responsibility of TCI. TCI shall make payment to BellSouth for all services billed. BellSouth is not responsible for payments not received by TCI from TCI's end user. BellSouth will not become involved in billing disputes that may arise between TCI and its end user, except as provided herein. 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.

7.3 BellSouth will render bills each month on established bill days for each of TCI's accounts

7.4 BellSouth will bill TCI 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 TCI, and TCI 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

7.5 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 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.

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

7.7 Billing Disputes

7.7.1 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, provided however that failure to raise a billing dispute within 60 days of the bill date shall not operate to waive such dispute. 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:

7.7.2 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.

7.7.3 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.

7.7.4 If the dispute is not resolved within one hundred and twenty (120) days of the Bill Date, or within such other time as the parties may agree, either Party may file a complaint with the Commission or with a court of competent jurisdiction. The parties will comply with decisions of the court of Commission, subject to the appropriate rights to appeal.

7.7.5 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 a charge and does pay such charge by the payment due date, that Party will be entitled to a credit with interest if the dispute is resolved in favor of that Party. 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.

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

7.9 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.

7.10 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 TCI.

7.11 BellSouth will not perform billing and collection services for TCI 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.

7.12 Pursuant to 47 CFR Section 51.617, BellSouth will bill TCI end user common line charges identical to the end user common line charges BellSouth bills its end users.

7.13 In general, BellSouth will not become involved in disputes between TCI and TCI's end user customers over resold services. If a dispute does arise that cannot be settled without the involvement of BellSouth, TCI 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 TCI to resolve the matter in as timely a manner as possible. TCI 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 TCI's end user on behalf of, and at the request of, TCI. Upon restoration of the end user's service, restoral charges will apply and will be the responsibility of TCI.

8.1.2 At the request of TCI, BellSouth will disconnect a TCI end user customer.

8.1.3 All requests by TCI for denial or disconnection of an end user for nonpayment must be in writing.

8.1.4 TCI 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 TCI 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 TCI and/or the end user against any claim, loss or damage arising from providing this

information to TCI. It is the responsibility of TCI 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 TCI are as follows:

8.2.1 BellSouth reserves the right to suspend or terminate service. BellSouth will provide notice and an opportunity to cure, not to exceed five business days, 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 TCI of the rules and regulations of BellSouth's Tariffs

8.2.2 BellSouth reserves the right to suspend or terminate service for nonpayment. If payment of account is not received by the bill day in the month after the original bill day, BellSouth may provide written notice to TCI 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 TCI to receive notices of noncompliance, and discontinue the provision of existing services to TCI 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 TCI's noncompliance continues, nothing contained herein shall preclude BellSouth's right to discontinue the provision of the services to TCI without further notice.

8.2.5 If payment is not received or arrangements made for payment by the date given in the written notification, TCI's services will be discontinued. Upon discontinuance of service on a TCI's account, service to TCI's end users will be denied. BellSouth will also reestablish service at the request of the end user or TCI upon payment of the appropriate connection fee and subject to BellSouth's normal application procedures. TCI 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. **Resale of Customer Specific Arrangements**

9.1 CSAs shall be available for resale at the wholesale discount set forth in Exhibit A of this Attachment; provided, however, that in the event the Commission establishes a specific discount for CSAs such discount shall apply thereafter. TCI may resell a CSA to the end user for whom the CSA was constructed or to end users similarly situated to the specific end user for whom the CSA was constructed. Customers shall be deemed to be similarly situated when the quantity of use; time of use; manner of service; and costs of rendering the service are the same. In cases where TCI resells an existing CSA, no termination or rollover charges shall apply to the assignment of the CSA to TCI provided that TCI assumes the obligations set forth within the CSA. Notwithstanding the foregoing, BellSouth may impose a single service order charge (not to exceed

the level of tariffed service order charges for comparable services) to recover the cost of changing the billing name on the account.

10. **Line Information Database (LIDB)**

10.1 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.

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

11. **RAO Hosting**

11.1 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.

11.2 BellSouth will provide RAO Hosting upon written request to its Account Manager stating requested activation date.

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

12.1 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.

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

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

13.1 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.

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

14. **Calling Name Delivery (CNAM) Database Service**

14.1 Calling Name Delivery (CNAM) Database Service Agreement is included in this Attachment as Exhibit G. Rates for CNAM are as set forth in Exhibit H of this Attachment.

14.2 BellSouth will provide Calling Name Delivery (CNAM) Database 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 TCI for the purposes of resale to TCI end users shall be available at the following discount off of the retail rate.

**DISCOUNT***

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

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

** In Tennessee, if 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.

## OPERATIONAL SUPPORT SYSTEMS (OSS) RATES

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

| | |
|---|---|
| LENS | Local Exchange Navigation System |
| EDI | Electronic Data Interface |
| EDI-PC | Electronic Data Interface – Personal Computer |
| TAG | Telecommunications Access Gateway |

LSRs submitted by means of one of these interactive interfaces will incur an OSS electronic ordering charge as specified in the Table below. An individual LSR will be identified for billing purposes by its Purchase Order Number (PON). LSRs submitted by means other than one of these interactive interfaces (mail, fax, courier, etc.) will incur a manual order charge as specified in the table below.

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

Note: The OSS charges shall be paid in addition to and not in lieu of recurring and non-recurring charges applicable to the services ordered.

## DENIAL/RESTORAL SERVICE CHARGE

In the event TCI 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

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

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

## THRESHOLD BILLING PLAN

The Parties agree that TCI will incur the mechanized rate for all LSRs, both **mechanized (LENS, EDI, EDI-PC, and TAG)** 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.

In calculating the percentages above, all orders submitted via BellSouth's mechanized LSR systems (LENS, EDI, EDI-PC, and TAG) will count as mechanized LSRs, regardless of whether an order falls out of the mechanized process or requires manual intervention in order to be properly completed and processed.

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.

**Exhibit B**
**Page 1 of 2**

# EXCLUSIONS AND LIMITATIONS ON SERVICES AVAILABLE FOR RESALE

| | Type of Service | AL | | FL | | GA | | KY | | LA | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 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 |
| 2 | Contract Service Arrangements | 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 |
| 4 | Promotions - < 90 Days (Note 2) | Yes | No | Yes | No | Yes | No | Yes | No | Yes | No |
| 5 | Lifeline/Link Up Services | Yes | Yes | Yes | Yes | Yes | Yes | Note 4 | Note 4 | Yes | Yes |
| 6 | 911/E911 Services | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | No | No |
| 7 | N11 Services | Yes | Yes | Yes | Yes | Yes | Yes | No | No | No | No |
| 8 | AdWatch℠ Svc (See Note 6) | Yes | yes | Yes | yes | Yes | yes | Yes | yes | Yes | Yes |
| 9 | MemoryCall® Service | Yes | No | Yes | No | Yes | No | Yes | No | Yes | No |
| 10 | Mobile Services | 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 |
| 12 | Non-Recurring Charges | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| 13 | End User Line Charge – Number Portability | Yes | No | Yes | No | Yes | No | Yes | No | Yes | No |

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

**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)

**EXHIBIT B**
**Page 2 of 2**

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. In Kentucky, the TCI is responsible for funding its own Lifeline and Link Up benefit. In Tennessee, TCI shall purchase BellSouth's Message Rate Service at the stated tariff rate, less the wholesale discount. TCI must further discount the wholesale Message Rate Service to Lifeline customers with a discount which is no less than the minimum discount that BellSouth now provides. TCI is responsible for recovering the Subscriber Line Charge from the National Exchange Carriers Association interstate toll settlement pool just as BellSouth does today. The maximum rate that TCI may charge for Lifeline Service shall be capped at the flat retail rate offered by BellSouth.

5 Some of BellSouth's local exchange and toll telecommunications services are not available in certain central offices and areas.

6 AdWatch℠ Service is tariffed as BellSouth® AIN Virtual Number Call Detail Service.

**EXHIBIT C**

# LINE INFORMATION DATA BASE (LIDB) STORAGE AGREEMENT

## I. SCOPE

A. This Agreement sets forth the terms and conditions pursuant to which BST agrees to store in its LIDB certain information at the request of the Local Exchange Company and pursuant to which BST, its LIDB customers and Local Exchange Carrier shall have access to such information. Local Exchange Carrier understands that BST 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 Local Exchange Carrier, 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. BST 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 BST's LIDB, provided that such information is included in the LIDB query. BST will establish fraud alert thresholds and will notify the Local Exchange Company of fraud alerts so that the Local Exchange Company may take action it deems appropriate. Local Exchange Company understands and agrees BST will administer all data stored in the LIDB, including the data provided by Local Exchange Company pursuant to this Agreement, in the same manner as BST's data for BST's end user customers. BST will suspend or restore individual LIDB accounts of TCI customers as instructed by TCI. BST shall not be responsible to Local Exchange Company for any lost revenue which may result from BST's administration of the LIDB pursuant to its established practices and procedures as they exist and as they may be changed by BST in its sole discretion from time to time.

Local Exchange Company understands that BST currently has in effect numerous billing and collection agreements with various interexchange carriers and billing clearing houses. Local Exchange Company further

**EXHIBIT C**

understands that these billing and collection customers of BST query BST's LIDB to determine whether to accept various billing options from end users. Additionally, Local Exchange Company understands that presently BST has no method to differentiate between BST's own billing and line data in the LIDB and such data which it includes in the LIDB on Local Exchange Company's behalf pursuant to this Agreement. Therefore, until such time as BST can and does implement in its LIDB and its supporting systems the means to differentiate Local Exchange Company's data from BST's data and the parties to this Agreement execute appropriate amendments hereto, the following terms and conditions shall apply:

(a) The Local Exchange Company agrees that it will accept responsibility for telecommunications services billed by BST for its billing and collection customers for Local Exchange Customer's end user accounts which are resident in LIDB pursuant to this Agreement. Local Exchange Company authorizes BST to place such charges on Local Exchange Company's bill from BST and agrees that it shall pay all such charges. Charges for which Local Exchange Company hereby takes responsibility include, but are not limited to, collect and third number calls.

(b) Charges for such services shall appear on a separate BST bill page identified with the name of the entity for which BST is billing the charge.

(c) Local Exchange Company shall have the responsibility to render a billing statement to its end users for these charges, but Local Exchange Company's obligation to pay BST for the charges billed shall be independent of whether Local Exchange Company is able or not to collect from the Local Exchange Company's end users.

(d) BST shall not become involved in any disputes between Local Exchange Company and the entities for which BST performs billing and collection. BellSouth will not issue adjustments for charges billed on behalf of an entity to Local Exchange Company. It shall be the responsibility of the Local Exchange Company and the other entity to negotiate and arrange for any appropriate adjustments.

## II. TERM

This Agreement will be effective as of June 26, 2000, 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.

**EXHIBIT C**

## III. FEES FOR SERVICE AND TAXES

A. The Local Exchange Company will not be charged a fee for storage services provided by BST to the Local Exchange Company, as described in Section I of this Agreement.

B. Sales, use and all other taxes (excluding taxes on BST's income) determined by BST 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 the Local Exchange Company. The Local Exchange Company shall have the right to have BST contest with the imposing jurisdiction, at the Local Exchange Company's expense, any such taxes that the Local Exchange Company 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

In the absence of gross negligence or willful misconduct, 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

**EXHIBIT C**

## VI. MISCELLANEOUS

A. It is understood and agreed to by the parties that BST 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. The Local Exchange Company agrees to submit to BST all advertising, sales promotion, press releases, and other publicity matters relating to this Agreement wherein BST's corporate or trade names, logos, trademarks or service marks or those of BST's affiliated companies are mentioned or language from which the connection of said names or trademarks therewith may be inferred or implied; and the Local Exchange Company further agrees not to publish or use advertising, sales promotions, press releases, or publicity matters without BST's prior written approval.

D. This Agreement constitutes the entire agreement between the Local Exchange Company and BST 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

**EXHIBIT C**

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 June 26, 2000, between BellSouth Telecommunications, Inc. ("BST"), and Local Exchange Company ("Local Exchange Company"), effective the 26th day of June, 2000.

### I. GENERAL

This Addendum sets forth the terms and conditions for Local Exchange Company's provision of billing number information to BST for inclusion in BST's LIDB. BST will store in its LIDB the billing number information provided by Local Exchange Company, and BST 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 BST 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 BST 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 BST 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 BST.

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

**EXHIBIT C**

invalid for billing of collect calls or third number calls or both, by the Local Exchange Company.

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 BST and toll billing exception indicator provided to BST by the Local Exchange Company.

## III. RESPONSIBILITIES OF PARTIES

A. BST will include billing number information associated with resold exchange lines or SPNP arrangements in its LIDB. The Local Exchange Company 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, BST 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 BST 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 BST's reasonable control. BST 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, BST will issue line-based calling cards only in the name of Local Exchange Company. BST will not issue line-based calling cards in the name of Local Exchange Company's individual end users. In the event that Local Exchange Company wants to include calling card numbers assigned by the Local Exchange Company in the BST LIDB, a separate agreement is required.

C. BST will provide responses to on-line, call-by-call queries to the stored information for the specific purposes listed in the next paragraph.

D. BST 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

**EXHIBIT C**

special billing number assigned by BST, and where the last four digits (PIN) are a security code assigned by BST.

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

**EXHIBIT D**

# CMDS/RAO Hosting

1 RAO Hosting, Calling Card and Third Number Settlement System (CATS) and Non-Intercompany Settlement System (NICS) services provided to TCI by BellSouth will be in accordance with the methods and practices conforming to accepted industry standards during the term of this Agreement, including such revisions as may be made from time to time by BellSouth and agreed to by TCI.

2. To the extent not already provided, TCI 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 TCI 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 TCI 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 TCI 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 TCI and will coordinate all associated conversion activities.

5 BellSouth will receive messages from TCI 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 TCI.

7 All data received from TCI 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 TCI 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 CMDS network that are destined to be processed by TCI and will forward them to TCI on a daily basis.

10 Transmission of message data between BellSouth and TCI will be via CONNECT:Direct.

11 All messages and related data exchanged between BellSouth and TCI 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 TCI 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 TCI to send data to BellSouth more than sixty (60) days past the message date(s), TCI will notify BellSouth in advance of the transmission of the data. If there will be impacts

**EXHIBIT D**

outside the BellSouth region, BellSouth will work with its connecting contractor and TCI 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 TCI) identified and agreed to, the company responsible for creating the data (BellSouth or TCI) 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 TCI, the entire pack containing the affected data will not be processed by BellSouth. BellSouth will notify TCI of the error condition. TCI 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, TCI 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 TCI 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 TCI 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 TCI for the purpose of data transmission. Where a dedicated line is required, TCI will be responsible for ordering the circuit, overseeing its installation and coordinating the installation with BellSouth. TCI 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 TCI. Additionally, all message toll charges associated with the use of the dial circuit by TCI will be the responsibility of TCI. 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 TCI end for the purpose of data transmission will be the responsibility of TCI.

19 Intercompany Settlements Messages

19.1 This Section addresses the settlement of revenues associated with traffic originated from or billed by TCI as a facilities based provider of local exchange telecommunications services outside the BellSouth region.

**EXHIBIT D**

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 TCI and the involved company(ies), unless that company is participating in NICS.

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

19.3 Once TCI 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 TCI. BellSouth will distribute copies of these reports to TCI 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 TCI. BellSouth will distribute copies of these reports to TCI on a monthly basis.

19.6 BellSouth will collect the revenue earned by TCI 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 TCI. BellSouth will remit the revenue billed by TCI 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 TCI. These two amounts will be netted together by BellSouth and the resulting charge or credit issued to TCI via a monthly Carrier Access Billing System (CABS) miscellaneous bill.

19.7 BellSouth will collect the revenue earned by TCI 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 TCI. BellSouth will remit the revenue billed by TCI 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 TCI via a monthly Carrier Access Billing System (CABS) miscellaneous bill.

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

**EXHIBIT E**

# Optional Daily Usage File (ODUF)

1 Upon written request from TCI, BellSouth will provide the Optional Daily Usage File (ODUF) service to TCI pursuant to the terms and conditions currently in place between BellSouth and TCI.

2 TCI shall furnish, to the extent not already furnished, the following 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 TCI customer.

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

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

5 Messages that error in the billing system of the TCI will be the responsibility of the TCI. If, however, the TCI should encounter significant volumes of errored messages that prevent processing by the TCI within its systems, BellSouth will work with the TCI 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 TCI:

-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 & 8XX 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

-9XX 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.

**EXHIBIT E**

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 TCI.

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

6.2 Physical File Characteristics

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

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

THE DATA WILL BE PACKED USING ATIS EMI RECORDS.

6.4 Pack Rejection

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

6.5 Control Data

TCI will send one confirmation record per pack that is received from BellSouth. This confirmation record will indicate TCI received the pack and the acceptance or rejection of the pack. Pack Status Code(s) will

**EXHIBIT E**

be populated using standard ATIS EMI error codes for packs that were rejected by TCI for reasons stated in the above section.

6.6 Testing

6.6.1 Upon request from TCI, BellSouth shall send test files to TCI 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 TCI set up a production (LIVE) file. The live test may consist of TCI's employees making test calls for the types of services TCI requests on the Optional Daily Usage File. These test calls are logged by TCI, 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. TCI shall not be required to repeat testing completed during the deployment of its facilities and electronic interfaces.

**EXHIBIT F**

# Enhanced Optional Daily Usage File (EODUF)

1 Upon written request from TCI, BellSouth will provide the Enhanced Optional Daily Usage File (EODUF) service to TCI 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 To the extent not already provided, TCI shall furnish all relevant information required by BellSouth for the provision of the Enhanced Optional Daily Usage File3. 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 TCI's monthly bills. The charges are as set forth in Exhibit A to this Attachment.

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

5 Messages that error in the billing system of TCI will be the responsibility of TCI. If, however, TCI should encounter significant volumes of errored messages that prevent processing by TCI within its systems, BellSouth will work with TCI 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 TCI:

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

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 TCI.

6.1.3 In the event that TCI detects a duplicate on Enhanced Optional Daily Usage File that it receives from BellSouth, TCI will drop the duplicate message (TCI will not return the duplicate to BellSouth).

6.2 Physical File Characteristics

**EXHIBIT F**

6.2.1 The Enhanced Optional Daily Usage Feed will be distributed to TCI over their existing Optional Daily Usage File (ODUF) feed. The EODUF messages will be intermingled among TCI'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).

6.2.2 Data circuits (private line or dial-up) may be required between BellSouth and TCI for the purpose of data transmission. Where a dedicated line is required, TCI will be responsible for ordering the circuit, overseeing its installation and coordinating the installation with BellSouth. TCI 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 TCI. Additionally, all message toll charges associated with the use of the dial circuit by TCI will be the responsibility of TCI. 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 TCI end for the purpose of data transmission will be the responsibility of TCI.

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

THE DATA WILL BE PACKED USING ATIS EMI RECORDS.

**BELLSOUTH/TCI RATES**
**ODUF/EDOUF/CMDS**

| DESCRIPTION | USOC | RATES BY STATE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | AL | FL | GA | KY | LA | MS | NC | SC | TN |
| **ODUF/EODUF/CMDS** | N/A | $0.0002 | $0.008 | $0.008 | $0.0008611 | $0.00019 | $0.0001179 | $0.008 | $0.0002862 | $0.008 |
| **ODUF: Recording, per message** | N/A | $0.0033 | $0.004 | $0.004 | $0.0032357 | $0.0024 | $0.0032089 | $0.004 | $0.0032344 | $0.004 |
| **ODUF: Message Processing, per message** | N/A | $0.004 | $0.004 | $0.004 | $0.004 | $0.004 | $0.004 | $0.004 | $0.004 | $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 |
| **CMDS: Message Processing, per message** | N/A | $55.19 | $54.95 | $54.95 | $55.68 | $47.30 | $54.62 | $54.95 | $54.72 | $54.95 |
| **ODUF: 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 |
| **EODUF: Message Processing, per magnetic tape provisioned** | N/A | $0.00004 | $0.001 | $0.001 | $0.0000365 | $0.00003 | $0.0000354 | $0.001 | $0.0000357 | $0.001 |
| **ODUF: 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 |
| **EODUF: Data Transmission (CONNECT:DIRECT), per message** | N/A | $0.001 | $0.001 | $0.001 | $0.001 | $0.001 | $0.001 | $0.001 | $0.001 | $0.001 |
| **CMDS: Data Transmission (CONNECT:DIRECT), per message** | | | | | | | | | | |
| * 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 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 this Attachment.

1.2 BellSouth shall, upon request of TCI, and to the extent technically feasible, provide to TCI access to its network elements for the provision of TCI'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.

1.3 TCI may purchase network elements and other services from BellSouth for the purpose of combining such network elements in any manner TCI 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 TCI for combining to the designated TCI collocation space. The network elements shall be provided as set forth in this Attachment.

1.4 BellSouth will provide the following combined network elements for purchase by TCI. 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:

- SL1 or 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
- SL1 or SL2 Loop and LNP

1.5 BellSouth shall comply with the requirements as set forth in the technical references within Attachment 2 to the extent that they are consistent with the greater of BellSouth's actual performance or applicable industry standards.

1.6 TCI will adopt and adhere to the standards contained in the applicable CLEC Work Center Operational Understanding Agreement regarding maintenance and installation of service, provided however that nothing required in this Work Center Operational Understanding Agreement shall override TCI's rights or BellSouth's obligations under this Agreement.

## 2. Unbundled Loops

2.1 BellSouth agrees to offer access to loops pursuant to the following terms and conditions and at the rates set forth in this Attachment.

2.2 Definition

2.2.1 The loop is the physical medium or functional path on which a subscriber's traffic is carried from the MDF or similar terminating device in a central office up to the termination at the NID at the customer's premise. Each loop will be provisioned with a NID.

2.2.2 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.

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

2.2.4 "Order Coordination" refers to standard BellSouth service order coordination involving SL2 voice loops and all digital loops. Order coordination for physical cut-overs will be scheduled as follows:

2.2.4.1 For a coordinated conversion i.e. stand alone INP, INP and LNP with loop or stand alone loop where order coordination is provided for in this agreement, BellSouth shall verbally coordinate the disconnect with TCI and perform any switch translations so as to limit end user service outage. BellSouth and TCI will mutually agree upon a cut-over time 24 to 48 hours prior to the actual conversion. TCI may designate the conversion time when the conversion involves a loop with ILNP or LNP by ordering time specific conversion at rates designated in this agreement. For time specific conversions, BellSouth will verify the cut-over time designated by TCI 24 to 48 hours in advance to ensure that the conversion is to be

completed as ordered. Both parties will use best efforts to ensure mutually agreed to conversion times, as identified in this paragraph, will commence within 15 minutes of the agreed time. For coordinated conversions, BellSouth's target intervals for service disruption to the end-user is 15 minutes or less for each loop.

2.2.4.2 Order coordination is not provided for in the provisioning of an SL1 loop. BellSouth will however, provide a notifier to the TCI when the physical wirework is completed for an SL1 loop with LNP. This notification will allow the TCI to ensure minimal end user loss of service, provided that TCI promptly sends the activate message to NPAC to port the number. BellSouth will use best efforts to notify TCI within thirty (30) minutes of the completion of the physical wire work.

2.2.4.3 BellSouth normal hours of operation are defined in Attachment 6. Provisioning outside of these hours will be billed at overtime rates for the number of employees supporting the after hours conversion.

2.2.4.4 Testing

2.2.4.4.1 BellSouth will perform the appropriate pre-service tests to ensure TCI dial tone is delivered to the appropriate connecting point. The timing of the test is based on the overall interval and type of the service being provisioned. Under normal intervals, testing for designed services are normally completed 24 hours in advance of the conversion. For non-designed services, dial tone is verified in time frames consistent with the same time frames that BellSouth uses to activate POTS services for it's own end users. In any event, BellSouth will advise TCI whenever connectivity cannot be verified with TCI and will work cooperatively with TCI to correct the problem. BellSouth will advise TCI at completion of the conversion or turn up of new services in order for TCI to accept or reject the services being provisioned. BellSouth will work cooperatively with TCI to ensure end user service outage is minimal.

2.2.4.4.2 Where a field visit is required to provision the loop, BellSouth will test the loop ordered by TCI to the NID. Testing requested by TCI to points beyond the NID will be billed a time and material charge at the same increments BellSouth charges it's own end users. Requests for field-testing where a dispatch is not required may be made by TCI and where mutually agreed to, BellSouth will dispatch to perform additional field testing at rates billed on a time and material basis as mentioned in the previous paragraph.

BellSouth will place a tag on all unbundled loops that require a technician to be dispatched to the end user's premises during the provisioning process. The loop tag will include the CLEC's name and the circuit ID number. Otherwise, the loop will be tagged by BellSouth during the next scheduled maintenance or repair visit to the customer's location for that loop; or the loop may be tagged by the CLEC during their dispatch to that customer's location.

2.2.4.4.3 Cut-over intervals for ILNP, ILNP with loop and LNP with loop will be at parity with the intervals experienced by BellSouth end users, BellSouth itself or any other TCI as indicated in the results of the Service Quality Measurements published by BellSouth. In any event, BellSouth will use best efforts to convert each loop within fifteen (15) minutes.

2.2.4.4.4 BellSouth and TCI will jointly develop additional processes or procedures as the need arises to improve service delivery during the life of the agreement.

2.2.5 "Order Coordination – Time Specific" refers to service order coordination in which TCI 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. TCI may specify a time between 8:00 a.m. and 5:00 p.m. (location time) Monday through Friday (excluding holidays). If TCI 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.

2.2.6 Where facilities are available, BellSouth will install unbundled loops at the same intervals that it does for itself, its end-users, and other CLECs at parity as described above. Where BellSouth does not provide intervals based on the above, BellSouth will be subject to the terms and conditions of the performance measures in accordance with Attachment 9. 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 TCI, expedite charges will apply for intervals less than 5 days. The charges outlined in BST's FCC # 1 Tariff, Section 5.1.1, will apply. BellSouth will bill expedite charges the same as BellSouth bills its wholesale customers and other CLECs. If TCI 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.

2.2.7 If TCI modifies an order after being sent a Firm Order Confirmation (FOC) from BellSouth, reasonable costs incurred by BellSouth to accommodate the modification will be reimbursed by TCI. Upon request BellSouth will provide TCI an invoice detailing such charges.

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

2.2.8.1 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 TCI 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, such charges will be consistent with BellSouth's applicable tariffs.

2.2.8.2 SL2 loops have test points, will be designed with a Design Layout Record provided to TCI, and will be provided with Order Coordination. The OC feature will allow TCI 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 the mutually agreed upon time during normal working hours.

2.2.9 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 Designed Layout Record (DLR).

2.2.10 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.

2.2.10.1 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.

2.2.11 As a chargeable option on all loops except UVL-SL1, BellSouth will offer Order Coordination - Time Specific (OC-TS). This will allow TCI 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 TCI will be responsible for testing and isolating troubles on the loops. Once TCI has isolated a trouble to the BellSouth provided loop, TCI 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.

2.2.12 If TCI reports a trouble on loops and no trouble actually exists, BellSouth will charge TCI for any dispatching and testing (both inside and outside the CO) required by BellSouth in order to confirm the loop's working status. Failure of BellSouth personnel to find trouble in BellSouth facilities will result in no charge if trouble is actually in those facilities but not discovered at the time.

2.3 Technical Requirements

2.3.1 To the extent available within BST's Network at a particular location, BellSouth will offer loops capable of supporting telecommunications services such as: Voice Grade (designed and non-designed), basic rate ISDN (even if the loop uses digital loop carrier), ADSL, HDSL (2 and 4 wire), DS1, digital data (up to 64 kbps), primary rate ISDN, and copper loops that are capable of supporting xDSL services. If a requested loop type is not available, TCI can use the Special Construction process to request that BellSouth place facilities or otherwise modify facilities in order to meet TCI's request.

2.3.1.1 These loop types may also support other telecommunications services that the CLEC may offer, including, but not limited to, Centrex, PBX (analog and data), and N x 64 kbps.

The loop will support the transmission, signaling, performance and interface requirements of the services described in 2.3.1 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 TCI will be consistent with industry standards and BellSouth TR73600.

2.3.1.2 TCI 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 provided, however BellSouth will condition the loops consistent with TCI's request. For example, if TCI 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 TCI using the Special Construction process), BellSouth will only support that the loop has electrical continuity and balanced tip-and-ring.

2.3.1.3 In those cases where TCI has requested that BellSouth modify a loop so that it no longer meets the technical parameters for a specific loop (e.g., voice grade, ISDN, ADSL, etc.), the resulting modified loop will be ordered and maintained as a Unbundled Cooper Loop.

2.3.2 The loop shall be provided to TCI in accordance with the following Technical References:

BellSouth's TR73600, Unbundled Local Loop Technical Specification

2.3.2.1 Telcordia (formerly BellCore) TR-NWT-000057, Functional Criteria for Digital Loop Carrier Systems, Issue 2, January 1993.

2.3.2.2 Telcordia (formerly BellCore) TR-NWT-000393, Generic Requirements for ISDN Basic Access Digital Subscriber Lines.

2.3.2.3 ANSI T1.102 - 1993, American National Standard for Telecommunications - Digital Hierarchy - Electrical Interfaces.

2.3.2.4 ANSI T1.403 - 1989, American National Standard for Telecommunications - Carrier to Customer Installation, DS1 Metallic Interface Specification.

2.3.3 Universal Digital Channel (UDC) Loop

2.3.3.1 Due to technical limitations associated with certain DLC systems, some ISDN-capable loops that are provisioned using DLC systems may not support IDSL service. Effective with this agreement, BellSouth will no longer reconfigure its ISDN-capable loop to support IDSL service.

2.3.3.2 Instead, BellSouth agrees to offer the Universal Digital Channel (UDC) loop as a part of their Unbundled Digital Loop offerings. The UDC 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.

2.3.3.3 Like the ISDN-capable loop, the UDC loop may be provisioned on copper or through a DLC system. However, when UDC loops are provisioned using a DLC system, BellSouth will ensure that they are only provisioned on time slots that are compatible with data-only services such as IDSL.

2.4 Loop Make-Up Service Inquiry

2.4.1 As an interim process until electronic access to loop make-up information is available, BellSouth shall make available to TCI a Loop Make-Up Service Inquiry process that will provide a description of the loop facility for a specific telephone number or the loop facility(ies) (DLC and/or copper) serving a specific address. This information will allow TCI to make a determination of what type of loop to order and what loop conditioning activities (using BellSouth's Unbundled Loop Modification product), if any, are desired by TCI.

2.4.2 The information provided via this process includes 1) the portion of the loop serviced by Digital Loop Carrier (if applicable), 2) cable lengths and gauges, 3) the presence and location of load coils, 4) the presence, location and length of bridged taps.

2.5 Unbundled Loop Modifications (Loop Conditioning)

2.5.1 Subject to applicable and effective FCC rules and orders, BellSouth shall condition loops, as requested by TCI, whether or not BellSouth offers advanced services to the End User on that loop.

2.5.2 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, load coils, low pass filters, and range extenders, and repeaters

2.5.3 BellSouth shall recover the cost of line conditioning requested by TCI 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 51.507 (e). Until such time as charges for loop conditioning have been approved by the Commission, TCI shall pay to BellSouth interim cost-based charges as set forth in this Attachment. Such charges shall be subject to true up, in accordance with Section 18.3 of this Attachment.

3. **Integrated Digital Loop Carriers**

The feeder portion of some loops may be provide by means of Integrated Digital Loop Carrier (IDLC). IDLC provides a fiber optic cable transmission path that travels directly into BellSouth's central office local switch. Where BellSouth uses IDLC ,if technically feasible and capacity does exist, BST will provide TCI with a Designed DS0 UVL by using alternative provisioning techniques including but not limited to such as "hairpinning" and DAC grooming. Alternative provisioning techniques will be provided at no additional cost to TCI. Hairpinning involves providing a DS0 signal from an IDLC-served loop to TCI's collocation equipment by using a dedicated pathway that traverses BellSouth's central office switch. BellSouth will provide such DS0 signal to TCI by establishing a copper cross connect between the BellSouth switch and TCI's collocation equipment.

## 4. Network Interface Device

4.1 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 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.

4.1.1 BellSouth shall permit TCI to connect TCI's loop facilities to on-premises wiring through the BellSouth NID or at any other technically feasible point.

4.2 Access to Network Interface Device (NID)

4.2.1 Due to the wide variety of NIDs utilized by BellSouth (based on subscriber size and environmental considerations), TCI may access the on-premises wiring by any of the following means: BellSouth shall allow TCI 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. TCI agrees to install compatible protectors and test jacks and to maintain the protection system and equipment and to indemnify BellSouth pursuant to Section 9.4 of the General Terms and Conditions of this Agreement.

4.2.2 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

4.2.3 Enter the subscriber access chamber or "side" of "dual chamber" NID enclosures for the purpose of extending a connecterized or spliced jumper wire from the on-premises wiring through a suitable "punch-out" hole of such NID enclosures; or

4.2.4 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., TCI, its agent, the building owner or the subscriber). Such charges will be billed to the requesting Party.

4.2.5 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 re-grounding 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.

4.2.6 In no case shall either Party remove or disconnect ground wires from BellSouth's NIDs, enclosures, or protectors.

4.2.7 In no case shall either Party remove or disconnect NID modules, protectors, or terminals from BellSouth's NID enclosures.

4.2.8 Due to the wide variety of NID enclosures and outside plant environments BellSouth will work with TCI to develop specific procedures to establish the most effective means of implementing this Section .

4.3 Technical Requirements

4.3.1 The NID shall provide an accessible point of interconnection and shall maintain a connection to ground.

4.3.2 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 TCI's NID, consistent with the NID's function at the Effective Date of this Agreement.

4.3.3 Where a BellSouth NID exists, it is provided in its "as is" condition. If such NID is not functioning properly, BellSouth will repair or replace it at BellSouth's expense.

4.3.4 When TCI deploys its own local loops with respect to multiple-line termination devices, TCI shall Order the quantity of NIDs connections that it requires within such device.

4.4 Interface Requirements

4.4.1 The NID shall be equal to or better than all of the requirements for NIDs set forth in the applicable industry standard technical references.

## 5. Unbundled Loop Concentration (ULC) System

5.1 BellSouth will provide to TCI 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.

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 TCI at TCI'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.

## 6. Sub-Loop Elements

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 Sub-Loop 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 Sub-Loop. On an unbundled basis and pursuant to the following terms and conditions and the rates approved by the Commission and set forth in this Attachment. Until such time as rates for Sub Loop elements have been approved by the Commission, TCI shall pay to BellSouth interim cost-based rates as set forth in this Attachment, such rates to be subject to true-up in accordance with Section 18.3 of this Attachment.

6.2 Sub-Loop components include but are not limited to the following:

6.2.1 Unbundled Sub-Loop Distribution;

6.2.2 Unbundled Sub-Loop Concentration/Multiplexing Functionality; and

6.2.3 Feeder, Unbundled Network Terminating Wire; and

6.2.4 Unbundled Sub-Loop Feeder.

6.3 Unbundled Sub-Loop (distribution facilities)

6.3.1 Definition

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):

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.

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 an including the point of demarcation.

6.3.5 Requirements for Unbundled Sub-Loops Distribution Facilities

6.3.5.1 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. TCI may request that the sub-loop be conditioned in accordance with section 2.4.

6.3.5.2 USL 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, TCI would be required to deliver a cable to the BellSouth remote terminal or cross-box to provide continuity to TCI's feeder facilities. This cable would be connected, by a BellSouth technician, to a cross-connect panel within the BellSouth RT/cross-box. TCI'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.

6.4 BellSouth will provide Unbundled Sub-Loops where possible. Through the Service Inquiry (SI) process, BellSouth will determine if it is feasible to place the required facilities where TCI 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. 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 6.5) to accommodate TCI'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. TCI will then have the option of paying the one-time SC charge to modify the facilities to meet TCI's request. In the event that TCI invokes the dispute resolution process in connection with a request from TCI for Sub-Loops as described in this section, BellSouth shall have the burden of demonstrating that facilities are not available as requested by TCI.

6.5 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.

6.6 Interface Requirements

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

6.7 Unbundled Sub-Loop Concentration System (USLC)

6.7.1 Where facilities permit, BellSouth will provide to TCI with the ability to concentrate its sub-loops onto one or more DS1s back to the BellSouth Central Office. The DS1s will then be terminated into TCI's collocation space. TR-008 and TR303 interface standards are available.

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

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

6.8 Unbundled Network Terminating Wire (UNTW)

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

6.8.2 Definition

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

6.8.3 Requirements

6.8.3.1 BellSouth will offer spare pairs that are available to an end user's premises to TCI. 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 TCI'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 TCI. If after BellSouth has relinquished the first pair to TCI and the end user decides to change from TCI to another carrier, TCI will relinquish the first pair back to BellSouth.

6.8.3.2. 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, TCI agrees to surrender it available spare pair(s) upon request by BellSouth.

6.8.3.3 If an end user of TCI 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 TCI agrees to surrender the requisite number of its inactive spare pair(s) if no other spare pair is available and upon request by BellSouth.

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

6.8.3.5 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 TCI.

6.9 Technical Requirements

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

## 7. Local Switching

7.1 BellSouth shall provide non-discriminatory access to local circuit switching capability, and local tandem switching capability, on an unbundled basis, except as set forth below in Section 7.1.2 to TCI for the provision of a telecommunications service. BellSouth shall provide non-discriminatory access to packet switching capability on an unbundled basis to TCI for the provision of a telecommunications service only in the limited circumstance described below in Section 7.1.2.

7.1.1 Except as otherwise provided herein, BellSouth shall not impose any restrictions on TCI 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.

7.1.2 Local Circuit Switching Capability, including Tandem Switching Capability

7.1.2.1 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.

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

TCI 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.

7.1.4 In the event that TCI 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 located in Density Zone 1, as determined by NECA Tariff No. 4 as in effect on 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, BellSouth's sole recourse shall be to charge TCI a rate to be negotiated for use of the local circuit switching functionality for the affected facilities, or in the alternative, to charge TCI the local services resale rate for use of all Combinations used to provide the affected facilities to TCI.

7.1.5 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 TCI. Any features that are not currently then capable at the time of the request, but are technically feasible through the switch can be requested through the BFR process.

7.1.6 BellSouth will provide to TCI customized routing of calls: (i) to a requested directory assistance services platform; (ii) to an operator services platform pursuant to Section 11 of Attachment 2; (iii) for TCI's PIC'ed toll traffic in a two (2) PIC environment to an alternative OS/DA platform designated by TCI. TCI customers may use the same dialing arrangements as BellSouth customers.

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

7.1.8 Switching Capability will also be capable of routing (1)local, intraLATA, interLATA, and calls to international customer's preferred carrier; (2)call features (e.g., call forwarding) and (3) Centrex capabilities.

7.1.9 Where required to do so in order to comply with an effective Commission order, BellSouth will provide to TCI 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.

TCI customers may use the same dialing arrangements as BellSouth customers, but obtain a TCI branded service.

7.2 Technical Requirements

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

7.2.1.1 Local Switching shall be equal to or better than the requirements for Local Switching set forth in Telcordia (formerly BellCore)'s Local Switching Systems General Requirements (FR-NWT-000064).

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

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

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

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

7.2.1.6 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.

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

7.2.1.8 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.

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

7.2.1.10 Special Services provided by BellSouth will include the following:

7.2.1.10.1 Telephone Service Prioritization;

7.2.1.10.2 Related services for handicapped;

7.2.1.10.3 Soft dial tone where required by law;

7.2.1.10.4 Any other service required by law; and

7.2.1.11 BellSouth shall provide Switching Service Point (SSP) capabilities and signaling software to interconnect the signaling links destined to the Signaling Transfer Point Switch (STP). These capabilities shall adhere to Telcordia (formerly BellCore) specifications - TCAP (GR-1432-CORE), ISUP(GR-905-CORE), Call Management (GR-1429-CORE), Switched Fractional DS1 (GR-1357-CORE), Toll Free Service (GR-1428-CORE), Calling Name (GR-1597-CORE), Line Information Database (GR-954-CORE), and Advanced Intelligent Network (GR-2863-CORE).

7.2.1.12 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.

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

7.2.1.14 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:

7.2.1.14.1 Basic and primary rate ISDN;

7.2.1.14.2 Residential features;

7.2.1.14.3 Customer Local Area Signaling Services (CLASS/LASS);

7.2.1.14.4 CENTREX (including equivalent administrative capabilities, such as customer accessible reconfiguration and detailed message recording); and

7.2.1.14.5 Advanced intelligent network triggers supporting TCI and BellSouth service applications.

BellSouth shall offer to TCI 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:

7.2.1.14.5.1 Off-Hook Immediate

7.2.1.14.5.2 Off-Hook Delay

7.2.1.14.5.3 Termination Attempt

7.2.1.14.5.4 6/10 Public Office Dialing Plan

7.2.1.14.5.5 Feature Code Dialing

7.2.1.14.5.6 Customer Dialing Plan

7.2.1.14.6 When the following triggers are supported by BellSouth, BellSouth will make these triggers available to TCI:

7.2.1.14.6.1 Private EAMF Trunk

7.2.1.14.6.2 Shared Interoffice Trunk (EAMF, SS7)

7.2.1.14.6.3 N11

7.2.1.14.6.4 Automatic Route Selection

7.2.1.14.6.5 9XX Blocking and toll blocking

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

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

7.2.1.17 Local Switching shall be offered in accordance with the requirements of the following technical references:

7.2.1.17.1 Telcordia (formerly BellCore) GR-1298-CORE, AIN Switching System Generic Requirements, as implemented in BellSouth's switching equipment;

7.2.1.17.2 Telcordia (formerly BellCore) GR-1299-CORE, AIN Switch-Service Control Point (SCP)/Adjunct Interface Generic Requirements;

7.2.1.17.3 Telcordia (formerly BellCore) TR-NWT-001284, AIN 0.1 Switching System Generic Requirements;

7.2.1.17.4 Telcordia (formerly BellCore) SR-NWT-002247, AIN Release 1 Update.

7.2.2 Interface Requirements

7.2.2.1 BellSouth shall provide the following interfaces to loops:

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

7.2.2.3 Coin phone signaling;

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

7.2.2.5 Two-wire analog interface to PBX;

7.2.2.5.1 Four-wire analog interface to PBX;

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

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

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

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

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

7.2.2.11 SS7 Signaling Network or Multi-Frequency trunking if requested by TCI;

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

7.2.2.13 Interface to TCI directory assistance services through the TCI switched network or to Directory Assistance Services through the appropriate trunk interconnections for the system; and 950 access or other TCI required access to interexchange carriers as requested through appropriate trunk interfaces.

7.2.2.14. Packet Switching Capability

7.2.2.14.1 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:

7.2.2.14.1.1 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);

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

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

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

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

7.2.2.14.5.1 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);

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

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

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

7.2.2.14.5.5 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 15 of the General Terms and Conditions of this Agreement, incorporated herein by this reference.

## 8. 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 TCI for the provision of a telecommunications service.

8.1 Interoffice transmission facility network elements include:

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 TCI;

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

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.

8.1.1 BellSouth shall:

1. Provide TCI 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;
2. Provide all technically feasible transmission facilities, features, functions, and capabilities that TCI could use to provide telecommunications services;
3. Permit, to the extent technically feasible, TCI to connect such interoffice facilities to equipment designated by TCI, including but not limited to, TCI's collocated facilities; and
4. Permit, to the extent technically feasible, TCI to obtain the functionality provided by BellSouth's digital cross-connect systems in the same manner that BellSouth provides such functionality to interexchange carriers.

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

8.2 Technical Requirements of Common (Shared) Transport

8.2.1 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.

8.2.2 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.

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

8.2.4 At a minimum, Common (Shared) Transport shall meet all of the requirements set forth in the following technical references (as applicable for the transport technology being used):

8.2.4.1 ANSI T1.101-1994, American National Standard for Telecommunications - Synchronization Interface Standard Performance and Availability;

8.2.4.2 ANSI T1.102-1993, American National Standard for Telecommunications - Digital Hierarchy - Electrical Interfaces;

8.2.4.3 ANSI T1.102.01-199x, American National Standard for Telecommunications - Digital Hierarchy - VT1.5;

8.2.4.4 ANSI T1.105-1995, American National Standard for Telecommunications - Synchronous Optical Network (SONET) - Basic Description including Multiplex Structure, Rates and Formats;

8.2.4.5 ANSI T1.105.01-1995, American National Standard for Telecommunications - Synchronous Optical Network (SONET) - Automatic Protection Switching;

8.2.4.6 ANSI T1.105.02-1995, American National Standard for Telecommunications - Synchronous Optical Network (SONET) - Payload Mappings;

8.2.4.7 ANSI T1.105.03-1994, American National Standard for Telecommunications - Synchronous Optical Network (SONET) - Jitter at Network Interfaces;

8.2.4.8 ANSI T1.105.03a-1995, American National Standard for Telecommunications - Synchronous Optical Network (SONET): Jitter at Network Interfaces - DS1 Supplement;

8.2.4.9 ANSI T1.105.05-1994, American National Standard for Telecommunications - Synchronous Optical Network (SONET) - Tandem Connection;

8.2.4.10 ANSI T1.105.06-199x, American National Standard for Telecommunications - Synchronous Optical Network (SONET) - Physical Layer Specifications;

8.2.4.11 ANSI T1.105.07-199x, American National Standard for Telecommunications - Synchronous Optical Network (SONET) - Sub STS-1 Interface Rates and Formats;

8.2.4.12 ANSI T1.105.09-199x, American National Standard for Telecommunications - Synchronous Optical Network (SONET) - Network Element Timing and Synchronization;

8.2.4.13 ANSI T1.106-1988, American National Standard for Telecommunications - Digital Hierarchy - Optical Interface Specifications (Single Mode);

8.2.4.14 ANSI T1.107-1988, American National Standard for Telecommunications - Digital Hierarchy - Formats Specifications;

8.2.4.15 ANSI T1.107a-1990 - American National Standard for Telecommunications - Digital Hierarchy - Supplement to Formats Specifications (DS3 Format Applications);

8.2.4.16 ANSI T1.107b-1991 - American National Standard for Telecommunications - Digital Hierarchy - Supplement to Formats Specifications;

8.2.4.17 ANSI T1.117-1991, American National Standard for Telecommunications - Digital Hierarchy - Optical Interface Specifications (SONET) (Single Mode - Short Reach);

8.2.4.18 ANSI T1.403-1989, Carrier to Customer Installation, DS1 Metallic Interface Specification;

8.2.4.19 ANSI T1.404-1994, Network-to-Customer Installation - DS3 Metallic Interface Specification;

8.2.4.20 ITU Recommendation G.707, Network node interface for the synchronous digital hierarchy (SDH);

8.2.4.21 ITU Recommendation G.704, Synchronous frame structures used at 1544, 6312, 2048, 8488 and 44736 kbps hierarchical levels;

8.2.4.22 Telcordia (formerly BellCore) FR-440 and TR-NWT-000499, Transport Systems Generic Requirements (TSGR): Common Requirements;

8.2.4.23 Telcordia (formerly BellCore) GR-820-CORE, Generic Transmission Surveillance: DS1 & DS3 Performance;

8.2.4.24 Telcordia (formerly BellCore) GR-253-CORE, Synchronous Optical Network Systems (SONET); Common Generic Criteria;

8.2.4.25 Telcordia (formerly BellCore) TR-NWT 000507, Transmission, Section 7, Issue 5 (Telcordia (formerly BellCore), December 1993). (A module of LSSGR, FR-NWT-000064.);

8.2.4.26 Telcordia (formerly BellCore) TR-NWT-000776, Network Interface Description for ISDN Customer Access;

8.2.4.27 Telcordia (formerly BellCore) TR-INS-000342, High-Capacity Digital Special Access Service-Transmission Parameter Limits and Interface Combinations, Issue 1 February 1991;

8.2.4.28 Telcordia (formerly BellCore) ST-TEC 000052, Telecommunications Transmission Engineering Textbook, Volume 2: Facilities, Third Edition, Issue I May 1989;

8.2.4.29 Telcordia (formerly BellCore) ST-TEC-000051, Telecommunications Transmission Engineering Textbook Volume 1: Principles, Third Edition. Issue 1 August 1987.

8.3 Dedicated Transport

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

8.3.1.1 As capacity on a shared facility.

8.3.1.2 As a circuit (e.g., DS0, DS1 or DS3) dedicated to TCI .

8.3.2 When Dedicated Transport is provided as a system it shall include:

8.3.2.1 Transmission equipment such as multiplexers, line terminating equipment, amplifiers, and regenerators;

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

8.3.3 Unbundled Local Channel

8.3.3.1 The Unbundled Local Channel is the dedicated transmission path between TCI's Point of Presence and the BellSouth Serving Wire Center.

8.3.3.2 BellSouth currently offers Unbundled Local Channels for switched traffic. Rates for these elements are listed in this Attachment. For those states that do not contain rates in this Attachment for DS1 and DS3 switched Local Channels, 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.

8.3.3.3 BellSouth currently offers Unbundled Local Channels for non-switched traffic at DS1 and DS3 levels at rates as set forth in Exhibit C to this Attachment.

8.3.4 Technical Requirements

This Section sets forth technical requirements for all Dedicated Transport.

8.3.4.1 When BellSouth provides Dedicated Transport as a circuit or a system, the entire designated transmission circuit or system (*e.g.*, DS0, DS1,DS3) shall be dedicated to TCI designated traffic.

8.3.4.2 BellSouth shall offer Dedicated Transport in all technologies that become available including, but not limited to, DS1 and DS3 transport systems, SONET (or SDH) Bi-directional Line Switched Rings, SONET (or SDH) Unidirectional Path Switched Rings, and SONET (or SDH) point-to-point transport systems (including linear add-drop systems), at all available transmission bit rates. While SONET Ring facilities are not available in every application, they are typically available in the major metropolitan areas.

8.3.4.3 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.

8.3.4.4 Where applicable, 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 appropriate industry standards.

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

8.3.4.5.1 DS0 Equivalent;

8.3.4.5.2 DS1 (Extended SuperFrame - ESF and D4 channel bank shall be provided);

8.3.4.5.3 DS3 where applicable (M13 multiplexer shall be provided);

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

8.3.4.6 When Dedicated Transport is provided as a system, BellSouth shall design the system according to our network infrastructure to allow for the termination points specified by TCI .

8.3.5 At a minimum, Dedicated Transport shall meet each of the requirements set forth in the following technical references:

8.3.5.1 ANSI T1.231-1993 -American National Standard for Telecommunications - Digital Hierarchy - Layer 1 In-Service Digital Transmission performance monitoring.

8.3.5.1.1 ANSI T1.102-1993, American National Standard for Telecommunications - Digital Hierarchy - Electrical Interfaces;

8.3.5.1.2 ANSI T1.106-1988, American National Standard for Telecommunications - Digital Hierarchy - Optical Interface Specifications (Single Mode);

8.3.5.1.3 ANSI T1.107-1988, American National Standard for Telecommunications - Digital Hierarchy - Formats Specifications;

8.3.5.1.4 ANSI T1.107a-1990 - American National Standard for Telecommunications - Digital Hierarchy - Supplement to Formats Specifications (DS3 Format Applications);

8.3.5.1.5 ANSI T1.107b-1991 - American National Standard for Telecommunications - Digital Hierarchy - Supplement to Formats Specifications;

8.3.5.1.6 Telcordia (formerly BellCore) FR-440 and TR-NWT-000499, Transport Systems Generic Requirements (TSGR): Common Requirements;

8.3.5.1.7 Telcordia (formerly BellCore) GR-820-CORE, Generic Transmission Surveillance: DS1 & DS3 Performance;

8.3.5.1.8 Telcordia (formerly BellCore) TR-NWT 000507, Transmission, Section 7, Issue 5 (Telcordia (formerly BellCore), December 1993). (A module of LSSGR, FR-NWT-000064.);

8.3.5.1.9 Telcordia (formerly BellCore) TR-INS-000342, High-Capacity Digital Special Access Service-Transmission Parameter Limits and Interface Combinations, Issue 1 February 1991;

8.3.5.1.10 Telcordia (formerly BellCore) ST-TEC 000052, Telecommunications Transmission Engineering Textbook, Volume 2: Facilities, Third Edition, Issue I May 1989;

8.3.5.1.11 Telcordia (formerly BellCore) ST-TEC-000051, Telecommunications Transmission Engineering Textbook Volume 1: Principles, Third Edition. Issue 1 August 1987.

## 9. Tandem Switching

9.1 Definition

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

9.2 Technical Requirements

9.2.1 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:

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

9.2.1.2 Tandem Switching will provide screening as jointly agreed to by TCI and BellSouth;

9.2.1.3 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;

9.2.1.4 Tandem Switching shall provide access to Toll Free number portability database as designated by TCI;

9.2.1.5 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));

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

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

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

9.2.3 Tandem Switching shall provide local tandem 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).

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

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

9.2.6 Upon a reasonable request from TCI, 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 TCI.

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

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

9.2.9 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 switching network shall be mutually agreed to by TCI and BellSouth.

9.2.10 Tandem Switching shall process originating toll-free traffic received from TCI local switch.

9.2.11 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.

9.3 Interface Requirements

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

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

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

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

9.3.5 Tandem Switching shall provide an alternate final routing pattern for TCI traffic overflowing from direct end office high usage trunk groups.

9.4 Tandem Switching shall meet or exceed (i.e., be more favorable to TCI) each of the requirements for Tandem Switching set forth in the following technical references:

9.4.1 Bell Communications Research TR-TSY-000540 Issue 2R2, Tandem Supplement, 6/1/90;

9.4.2 GR-905-CORE covering CCSNIS;

9.4.3 GR-1429-CORE for call management features; and

9.4.4 GR-2863-CORE and Telcordia (formerly BellCore) GR-2902-CORE covering CCS AIN interconnection

**10. Combinations**

10.1 For purposes of this Section, references to "Existing Combinations" of 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.

10.2 EELs

10.2.1 Where facilities permit and where necessary to comply with an effective FCC and/or State Commission order, BellSouth shall offer access to loop and transport combinations, also known as the Enhanced Extended Link ("EEL") as defined in Section 10.3 below.

10.2.2 Subject to Section 10.2.3 below, BellSouth will provide access to the EEL in the combinations set forth in 10.3 following. This offering is intended to provide connectivity from an end user's location through that end user's SWC to TCI's POP serving wire center. The circuit must be connected to TCI's switch for the purpose of provisioning telecommunications services, including but not limited to telephone exchange services, to TCI's end-user customers. Except as provided for in paragraph 22 of the FCC's Supplemental Order Clarification, released June 2, 2000, in CC Docket No. 96-98 ("June 2, 2000 Order"), the EEL will be connected to TCI's facilities in TCI's collocation space at the POP SWC. TCI may purchase BellSouth's access facilities between TCI's POP and TCI's collocation space at the POP SWC.

10.2.3 BellSouth shall provide EEL combinations to TCI in the state of Georgia regardless of whether or not such EELs constitute Existing Combinations so long

as such combinations are ordinarily combined in BellSouth's network. In all other states, BellSouth shall make available to TCI those EEL combinations described in Section 10.3 below only to the extent such combinations are Existing Combinations.

10.2.4 BellSouth will make available EEL combinations to TCI 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, regardless of whether or not such EELs constitute Existing Combinations.

10.2.5 Additionally, BellSouth shall make available to TCI a combination of an unbundled loop and special access interoffice facilities. To the extent TCI 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. 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.

10.3 EEL Combinations

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

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

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

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

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

10.3.6 DS1 Interoffice Channel + DS1 Local Loop

10.3.7 DS3 Interoffice Channel + DS3 Local Loop

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

10.3.9 DS3 Interoffice Channel + DS3 Channelization + DS1 Local Loop

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

10.3.11 2-wire VG Interoffice Channel + 2-wire VG Local Loop

10.3.12 4wire VG Interoffice Channel + 4-wire VG Local Loop

10.3.13 4-wire 56 kbps Interoffice Channel + 4-wire 56 kbps Local Loop

10.3.14 4-wire 64 kbps Interoffice Channel + 4-wire 64 kbps Local Loop

10.4 Other Network Element Combinations

In the state of Georgia, BellSouth shall make available to TCI, at the rates set forth in Section 10.6 below: (1) Existing Combinations of network elements other than EELs; and (2) combinations of network elements other than EELs that are not Existing Combinations but that BellSouth ordinarily combines in its network. In all other states, BellSouth shall make available to TCI, at the rates set forth in Section 10.6 below, combinations of network elements other than EELs only to the extent such combinations are Existing Combinations.

10.5 Special Access Service Conversions

10.5.1 TCI may not convert special access services to combinations of loop and transport network elements, whether or not TCI self-provides its entrance facilities (or obtains entrance facilities from a third party), unless TCI uses the combination to provide a "significant amount of local exchange service" (as described in Section 10.5.2 below), in addition to exchange access service, to a particular customer.

10.5.2 For the purpose of special access conversions, a "significant amount of local exchange service" is as defined in the FCC's Supplemental Order Clarification, released June 2, 2000, in CC Docket No. 96-98 ("June 2, 2000 Order"). The Parties agree to incorporate by reference paragraph 22 of the June 2, 2000 Order. When TCI requests conversion of special access circuits, TCI will self-certify to BellSouth in the manner specified in paragraph 29 of the June 2, 2000 Order that the circuits to be converted qualify for conversion. In addition there may be extraordinary circumstances where TCI is providing a significant amount of local exchange service, but does not qualify under any of the three options set forth in paragraph 22 of June 2, 2000 Order. In such case, TCI 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 TCI's request the Parties shall amend this Agreement to the extent necessary to incorporate the terms of such waiver for such extraordinary circumstance.

10.5.3 Upon request for conversions of up to 15 circuits from special access to EELs, BellSouth shall perform such conversions within seven (7) days from BellSouth's receipt of a valid, error free service order from TCI. Requests for conversions of

fifteen (15) or more circuits from special access to EELs will be provisioned on a project basis. Conversions should not require the special access circuit to be disconnected and reconnected because only the billing information or other administrative information associated with the circuit will change when TCI requests a conversion. The Access Service Request process will be used for conversion requests.

10.5.4 BellSouth may, at its sole expense, and upon thirty (30) days notice to TCI, audit TCIs records not more than one in any twelve month period, unless an audit finds non-compliance with the local usage options referenced in the June 2, 2000 Order, 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 TCI 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 this 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 TCI.

10.6 Rates

10.6.1 Georgia

10.6.1.1 The non-recurring and recurring rates for the EEL combinations set forth in 10.3, whether or not such EELs are Existing Combinations, are as set forth in Exhibit A of this Attachment.

10.6.1.2 On an interim basis, for combinations of loop and transport network elements not set forth in Section 10.3, where the elements are not Existing Combinations 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.

10.6.1.3 To the extent that TCI 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, TCI, at its option, can request that such rates be determined pursuant to the Bona Fide Request/New Business Request (NBR) process set forth in this Agreement.

10.6.2 All Other States

10.6.2.1 Subject to Section 10.2.3 and 10.4 preceding, for all other states, the non-recurring and recurring rates for the Existing Combinations of EELs set forth in

Section 10.3 and other Existing Combinations of network elements will be the sum of the recurring rates for the individual network elements plus an appropriate cost-based records change charge unless otherwise negotiated by the parties.

10.6.2.2 The non-recurring and recurring rates for EELs made available pursuant to Section 10.2.4 above will be the sum of the nonrecurring and recurring rates for the individual network elements, unless otherwise established by the Commission.

10.7 Port/Loop Combinations

10.7.1 Except as specified in Sections 10.7.1.1 and 10.7.1.2 below, at TCI's request, BellSouth shall provide access to Existing Combinations of port and loop network elements, as set forth in Section 10.7.4 below. Such port and loop combinations will provide local exchange service for the origination and termination of calls.

10.7.1.1 BellSouth shall not provide access to combinations of port and loop network elements in locations where, pursuant to FCC rules, BellSouth is not required to provide circuit switching as an unbundled network element.

10.7.1.2 In accordance with effective and applicable FCC rules, BellSouth shall not provide unbundled access to 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 TCI if TCI's customer has 4 or more DS0 equivalent lines.

10.7.2 In Georgia, BellSouth shall provide combinations of port and loop network elements to TCI to the extent such elements are ordinarily combined in BellSouth's network, regardless of whether or not such combinations are Existing Combinations, except in those locations where BellSouth is not required to provide circuit switching, as set forth in Section 10.7.1.2 above. In all other states, and subject to Sections 10.7.1.1 and 10.7.1.2 above, BellSouth shall provide combinations of port and loop network elements to TCI only to the extent such elements constitute Existing Combinations.

10.7.3 Rates for Combinations of Loop and Port Network Elements

10.7.3.1 Rates for combinations of loop and port network elements, as set forth in Section 10.7.4, are provided in Exhibit A of this Attachment. Subject to Sections 10.7.1.1 and 10.7.1.2 above, to the extent TCI seeks to obtain other Existing Combinations of ports and loops that are not listed in Section 10.7.4, or in the state of Georgia, to the extent TCI seeks to obtain other port and loop combinations that are not Existing Combinations but that are ordinarily combined in BellSouth's network, the rate for such combinations shall be the sum of the recurring rates for the individual network elements plus an appropriate cost-based records change charge.

10.7.3.2 Rates for Circuit Switching

10.7.3.2.1 Rates for circuit switching, where BellSouth is not required, pursuant to Sections 10.7.1.1 and 10.7.1.2, to provide unbundled access to circuit switching, are as set forth in Exhibit A of this Attachment.

10.7.4 Port/Loop Combination Offerings

10.7.4.1 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.

10.7.4.2 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.

10.7.4.3 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.

10.7.4.4. 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.

10.7.4.5 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.

10.7.4.6 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.

## 11. Operator Systems

BellSouth agrees to offer access to operator systems pursuant to the terms and conditions following and at the rates set forth in this Attachment.

11.1 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.

11.2 Operator Service

11.2.1 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.

11.2.2 Requirements

11.2.2.1 When TCI requests BellSouth to provide Operator Services, the following requirements apply:

11.2.2.1.1 BellSouth shall complete 0+ and 0- dialed local calls.

11.2.2.1.2 BellSouth shall complete 0+ intraLATA toll calls.

11.2.2.1.3 BellSouth shall complete calls that are billed to TCI end user's calling card that can be validated by BellSouth.

11.2.2.1.4 BellSouth shall complete person-to-person calls.

11.2.2.1.5 BellSouth shall complete collect calls.

11.2.2.1.6 BellSouth shall provide the capability for callers to bill to a third party and complete such calls.

11.2.2.1.7 BellSouth shall complete station-to-station calls.

11.2.2.1.8 BellSouth shall process emergency calls.

11.2.2.1.9 BellSouth shall process Busy Line Verify and Emergency Line Interrupt requests.

11.2.2.1.10 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.

11.2.2.1.11 BellSouth shall process operator-assisted directory assistance calls.

11.2.2.2 BellSouth shall adhere to equal access requirements, providing TCI local end users the same IXC access as provided to BellSouth end users.

11.2.2.3 BellSouth shall exercise at least the same level of fraud control in providing Operator Service to TCI that BellSouth provides for its own operator service.

11.2.2.4 BellSouth shall perform Billed Number Screening when handling Collect, Person-to-Person, and Billed-to-Third-Party calls.

11.2.2.5 BellSouth shall direct customer account and other similar inquiries to the customer service center designated by TCI.

10.2.2.6 BellSouth shall provide a feed of customer call records in "EMI" format to TCI in accordance with CLECODUF standards specified in Attachment 7.

11.2.3 Interface Requirements

With respect to Operator Services for calls that originate on local switching capability provided by or on behalf of TCI, 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.

11.3 Directory Assistance Service

11.3.1 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.

11.3.2 Requirements

11.3.2.1 Directory Assistance Service shall provide up to two listing requests per call. If available and if requested by TCI'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. In providing call completion service, and at such time as functionality is available in the BellSouth network, BellSouth shall route the call to TCI's network for call completion. Rates for such functionality shall be established at the time such functionality becomes available. If not available, TCI may request such requirement pursuant to the Bona Fide Request/New Business Process as set forth in General Terms and Conditions.

11.3.2.2 Directory Assistance Service Updates

11.3.2.2.1 BellSouth shall update end user listings changes daily. These changes include:

11.3.2.2.1.1 New end user connections: BellSouth will provide service to TCI that is equal to the service it provides to itself and its end users;

11.3.2.2.1.2 End user disconnections: BellSouth will provide service to TCI that is equal to the service it provides to itself and its end users; and

11.3.2.2.1.3 End user address changes: BellSouth will provide service to TCI that is equal to the service it provides to itself and its end users;

11.3.2.3 These updates shall also be provided for non-listed and non-published numbers for use in emergencies.

11.4 Branding for Operator Call Processing and Directory Assistance

11.4.1 The BellSouth Operator Systems Branding Feature provides a definable announcement to TCI 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 TCI to have its calls custom branded with TCI 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.

11.4.2 BellSouth offers four service levels of branding to TCI when ordering Directory Assistance and/or Operator Call Processing.

11.4.2.1 Service Level 1 - BellSouth Branding

11.4.2.2 Service Level 2 - Unbranded

11.4.2.3 Service Level 3 - Custom Branding

11.4.2.4 Service Level 4 - Self Branding (applicable only to TCI for Resale or use with an Unbundled Port when routing to an operator service provider other than BellSouth).

11.4.3 For Resellers and Use with an Unbundled Port

11.4.3.1 BellSouth Branding is the Default Service Level.

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

11.4.3.3 Customer Branding and Self Branding require TCI to order dedicated trunking from each BellSouth end office identified by TCI, to either the BellSouth Traffic Operator Position System (TOPS) or TCI Operator Service Provider. Rates for trunks are set forth in applicable BellSouth tariffs.

11.4.3.4 Unbranding - Unbranded Directory Assistance and/or Operator Call Processing calls ride common trunk groups provisioned by BellSouth from those end offices identified by TCI to the BellSouth TOPS. These calls are routed to "No Announcement."

11.4.4 For Facilities Based Carriers

11.4.4.1 All Service Levels require TCI 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.

11.4.4.2 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 TCI requires service

Directory Assistance customized branding uses:

- the recording of the name;
- the front-end loading of the Digital Recorded Announcement Machine (DRAM) in each TOPS switch.

Operator Call Processing customized branding uses:

- the recording of the name;
- the front-end loading of the DRAM in the TOPS Switch;
- the back-end loading in the audio units in the Automated Alternate Billing System (AABS) in the Interactive Voice Subsystem (IVS);
- the 0- automation loading for the audio units in the Enhanced Billing and Access Service (EBAS) in the Network Applications Vehicle (NAV).

11.4.4.3 BellSouth will provide to TCI 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. TCI end users may use the same dialing arrangements as BellSouth end users, but obtain a TCI branded service.

11.5 Directory Assistance Database Service (DADS)

11.5.1 BellSouth shall make its Directory Assistance Database Service (DADS) available solely for the expressed purpose of providing Directory Assistance type services to TCI 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)). TCI 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, TCI agrees not to disclose DADS to others and shall provide due care in providing for the security and confidentiality of DADS. Further, TCI authorizes the inclusion of TCI Subscriber listings in the BellSouth Directory Assistance products.

11.5.2 BellSouth shall provide TCI initially with a base file of subscriber listings which reflect all listing change activity occurring since TCI's most recent update via magnetic tape, and subsequently using electronic connectivity such as Network Data Mover to be developed mutually by TCI and BellSouth. TCI agrees to assume the costs associated with CONNECT: Direct ™ connectivity, which will vary depending upon volume and mileage.

11.5.3 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 TCI on a Business, Residence, or combined Business and Residence basis. TCI agrees that the updates shall be used solely to keep the information current. Delivery of Daily Updates will commence the day after TCI receives the Base File.

11.5.4 BellSouth is authorized to include TCI Subscriber List Information in its Directory Assistance Database Service (DADS) and its Directory Publishers Database Service (DPDS). Any other use by BellSouth of TCI Subscriber List Information is not authorized and with the exception of a request for DADS or DPDS, BellSouth shall refer any request for such information to TCI.

11.5.5 Rates for DADS are as set forth in this Attachment.

11.6 Direct Access to Directory Assistance Service

11.6.1 Direct Access to Directory Assistance Service (DADAS) will provide TCI'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 TCI to utilize its own switch, operator workstations and optional audio subsystems.

11.6.2 BellSouth will provide DADAS from its DA location. TCI will access the DADAS system via a telephone company provided point of availability. TCI 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.

11.6.3 A specified interface to each TCI subsystem will be provided by BellSouth. Interconnection between TCI system and a specified BellSouth location will be

pursuant to the use of TCI owned or TCI leased facilities and shall be appropriate sized based upon the volume of queries being generated by TCI.

11.6.4 The specifications for the three interfaces necessary for interconnection are available in the following documents:

11.6.4.1 DADAS to Subscriber Operator Position System—Northern Telecom Document CSI-2300-07; Universal Gateway/ Position Message Interface Format Specification

11.6.4.2 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

11.6.4.3 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

11.6.5 Rates for DADAS are as set forth in this Attachment.

## 12. Signaling

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.

12.1 Definition of Signaling Link Transport

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.

12.2 Technical Requirements

12.2.1 Signaling Link Transport shall consist of full duplex mode 56 kbps transmission paths.

12.2.2 Of the various options available, Signaling Link Transport shall perform in the following two ways:

12.2.2.1 As an "A-link" which is a connection between a switch or SCP and a home Signaling Transfer Point Switch (STP) pair; and

12.2.2.2 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)).

12.2.3 Signaling Link Transport shall consist of two or more signaling link layers as follows:

12.2.3.1 An A-link layer shall consist of two links.

12.2.3.2 A B-link layer shall consist of four links.

12.2.4 A signaling link layer shall satisfy a performance objective such that:

12.2.4.1 There shall be no more than two minutes down time per year for an A-link layer; and

12.2.4.2 There shall be negligible (less than 2 seconds) down time per year for a B-link layer.

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

12.2.5.1 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

12.2.5.2 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).

12.3 Interface Requirements

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

## 13. Signaling Transfer Points (STPs)

13.1 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

13.2 Technical Requirements

13.2.1 STPs shall provide access to Network Elements connected to BellSouth SS7 network. These include:

13.2.1.1 BellSouth Local Switching or Tandem Switching;

13.2.1.2 BellSouth Service Control Points/DataBases;

132.2.1.3 Third-party local or tandem switching;

13.2.1.4 Third-party-provided STPs.

13.2.2 The connectivity provided by STPs shall fully support the functions of all other Network Elements connected to BellSouth SS7 network. This explicitly includes the use of BellSouth SS7 network to convey messages which neither originate nor terminate at a signaling end point directly connected to BellSouth SS7 network (*i.e.*, transient messages). When 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.

13.2.3 If a BellSouth tandem switch routes calling traffic, based on dialed or translated digits, on SS7 trunks between an TCI local switch and third party local switch, 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 TCI 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.

13.2.4 STPs shall provide all functions of the MTP as defined in Telcordia (formerly BellCore) ANSI Interconnection Requirements. This includes:

13.2.4.1 Signaling Data Link functions, as defined in Telcordia (formerly BellCore) ANSI Interconnection Requirements,

13.2.4.2 Signaling Link functions, as defined in Telcordia (formerly BellCore) ANSI Interconnection Requirements, and

13.2.4.3 Signaling Network Management functions, as defined in Telcordia (formerly BellCore) ANSI Interconnection Requirements.

13.2.5 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 TCI 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 TCI database, then TCI agrees to provide BellSouth with the Destination Point Code for the TCI database.

13.2.6 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:

13.2.6.1 MTP Routing Verification Test (MRVT) and

13.2.6.2 SCCP Routing Verification Test (SRVT).

13.2.7 In cases where the destination signaling point is a BellSouth local or tandem switching system or database, or is a TCI 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 TCI and BellSouth.

13.2.8 STPs shall be on parity with BellSouth.

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

13.2.9.1 When technically feasible and upon request by TCI, 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 TCI SS7 network to exchange TCAP queries and responses with a TCI SCP.

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

13.3 Interface Requirements

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

13.3.1.1 An A-link interface from TCI local switching systems; and,

13.3.1.2 A B-link interface from TCI local STPs.

13.3.2 Each type of interface shall be provided by one or more sets (layers) of signaling links.

13.3.3 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 TCI local switching systems or STPs with BellSouth STPs as soon as these become approved ANSI standards and available capabilities of BellSouth STPs. BellSouth and TCI will work jointly to establish mutually acceptable SPOIs.

13.3.4 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 TCI will work jointly to establish mutually acceptable SPOIs.

13.3.5 BellSouth shall provide MTP and SCCP protocol interfaces that shall conform to all sections relevant to the MTP or SCCP in the following specifications:

13.3.5.1 Telcordia (formerly BellCore) GR-905-CORE, Common Channel Signaling Network Interface Specification (CCSNIS) Supporting Network Interconnection, Message Transfer Part (MTP), and Integrated Services Digital Network User Part (ISDNUP);

13.3.5.2 Telcordia (formerly BellCore) GR-1432-CORE, CCS Network Interface Specification (CCSNIS) Supporting Signaling Connection Control Part (SCCP) and Transaction Capabilities Application Part (TCAP).

13.3.6 Message Screening

13.3.6.1 BellSouth shall set message screening parameters so as to accept valid messages from TCI local or tandem switching systems destined to any signaling point within BellSouth's SS7 network where the TCI switching system has a legitimate signaling relation.

13.3.6.2 BellSouth shall set message screening parameters so as to pass valid messages from TCI local or tandem switching systems destined to any signaling point or network accessed through BellSouth's SS7 network where the TCI switching system has a legitimate signaling relation.

13.3.6.3 BellSouth shall set message screening parameters so as to accept and pass/send valid messages destined to and from TCI from any signaling point or network interconnected through BellSouth's SS7 network where the TCI SCP has a legitimate signaling relation.

13.4 STPs shall be equal to or better than all of the requirements for STPs set forth in the following technical references:

13.4.1 ANSI T1.111-1992 American National Standard for Telecommunications - Signaling System Number 7 (SS7) - Message Transfer Part (MTP);

13.4.2 ANSI T1.111A-1994 American National Standard for Telecommunications - Signaling System Number 7 (SS7) - Message Transfer Part (MTP) Supplement;

13.4.3 ANSI T1.112-1992 American National Standard for Telecommunications - Signaling System Number 7 (SS7) - Signaling Connection Control Part (SCCP);

13.4.4 ANSI T1.115-1990 American National Standard for Telecommunications - Signaling System Number 7 (SS7) - Monitoring and Measurements for Networks;

13.4.5 ANSI T1.116-1990 American National Standard for Telecommunications - Signaling System Number 7 (SS7) - Operations, Maintenance and Administration Part (OMAP);

13.4.6 ANSI T1.118-1992 American National Standard for Telecommunications - Signaling System Number 7 (SS7) - Intermediate Signaling Network Identification (ISNI);

13.4.7 Telcordia (formerly BellCore) GR-905-CORE, Common Channel Signaling Network Interface Specification (CCSNIS) Supporting Network Interconnection, Message Transfer Part (MTP), and Integrated Services Digital Network User Part (ISDNUP); and

13.4.8 Telcordia (formerly BellCore) GR-1432-CORE, CCS Network Interface Specification (CCSNIS) Supporting Signaling Connection Control Part (SCCP) and Transaction Capabilities Application Part (TCAP).

## 14. Service Control Points/DataBases

14.1 Definition

14.1.1 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.

14.1.2 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.

14.2 Technical Requirements for SCPs/Databases

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 TCI in accordance with the following requirements.

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

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

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

14.2.4 Database Availability

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.

14.2.5 The operational interface provided by BellSouth shall complete Database transactions (i.e., add, modify, delete) for TCI customer records stored in

BellSouth databases within 3 days, or sooner where BellSouth provisions its own customer records within a shorter interval.

**14.3 Local Number Portability Database**

14.3.1 Definition

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.

14.4 Line Information Database (LIDB)

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

14.4.1 Definition

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 CCS network and other CCS networks. LIDB also interfaces to administrative systems.

14.4.2 Technical Requirements

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

14.4.2.1 BellSouth shall process TCI's Customer records in LIDB at least at parity with BellSouth customer records, with respect to other LIDB functions. BellSouth shall indicate to TCI what additional functions (if any) are performed by LIDB in the BellSouth network.

14.4.2.2 Within two (2) weeks after a request by TCI, BellSouth shall provide TCI with a list of the customer data items which TCI 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.

14.4.2.3 BellSouth shall provide LIDB systems for which operating deficiencies that would result in calls being blocked shall not exceed 30 minutes per year.

14.4.2.4 BellSouth shall provide LIDB systems for which operating deficiencies that would not result in calls being blocked shall not exceed 12 hours per year.

14.4.2.5 BellSouth shall provide LIDB systems for which the LIDB function shall be in overload no more than 12 hours per year.

14.4.2.6 All additions, updates and deletions of TCI data to the LIDB shall be solely at the direction of TCI. Such direction from TCI will not be required where the addition, update or deletion is necessary to perform standard fraud control measures (e.g., calling card auto-deactivation).

14.4.2.7 BellSouth shall provide priority updates to LIDB for TCI data upon TCI'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.

14.4.2.8 BellSouth shall provide LIDB systems such that no more than 0.01% of TCI customer records will be missing from LIDB, as measured by TCI audits. BellSouth will audit TCI records in LIDB against DBAS to identify record mismatches and provide this data to a designated TCI contact person to resolve the status of the records and BellSouth will update system appropriately. BellSouth will refer record of mismatches to TCI within one business day of audit. Once reconciled records are received back from TCI, 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 TCI to negotiate a time frame for the updates, not to exceed three business days.

14.4.2.9 BellSouth shall perform backup and recovery of all of TCI'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.

14.4.2.10 BellSouth shall provide TCI 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 TCI and BellSouth.

14.4.2.11 BellSouth shall prevent any access to or use of TCI 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 TCI in writing.

14.4.2.12 BellSouth shall provide TCI 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 TCI at least at parity with BellSouth Customer Data. BellSouth shall obtain from TCI the screening information associated with LIDB Data Screening of TCI 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 TCI under the Bona Fide Request/New Business Process as set forth in General Terms and Conditions .

14.4.2.13 BellSouth shall accept queries to LIDB associated with TCI customer records, and shall return responses in accordance with industry standards.

14.4.2.14 BellSouth shall provide mean processing time at the LIDB within 0.50 seconds under normal conditions as defined in industry standards.

14.4.2.15 BellSouth shall provide processing time at the LIDB within 1 second for 99% of all messages under normal conditions as defined in industry standards.

14.4.3 Interface Requirements

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

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

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

14.4.3.3 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.

14.5 Toll Free Number Database

The Toll Free Number Database is a SCP that provides functionality necessary for toll free (e.g., 800 and 888) number services by providing routing information and additional so-called vertical features during call set-up in response to queries from SSPs. BellSouth shall provide the Toll Free Number Database in accordance with the following:

14.5.1 Technical Requirements

14.5.1.1 BellSouth shall make BellSouth Toll Free Number Database available for TCI to query with a toll-free number and originating information.

14.5.1.2 The Toll Free Number Database shall return carrier identification and, where applicable, the queried toll free number, translated numbers and instructions as it would in response to a query from a BellSouth switch.

14.5.1.3 The SCP shall also provide, at TCI'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:

14.5.1.3.1 Network Management;

14.5.1.3.2 Customer Sample Collection; and

14.5.1.3.3 Service Maintenance

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

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:

14.6.1 Technical Requirements

14.6.1.1 BellSouth shall offer TCI a data link to the ALI/DMS database or permit TCI to provide its own data link to the ALI/DMS database. BellSouth shall provide error reports from the ALI/DMS database to TCI immediately after TCI inputs information into the ALI/DMS database. Alternately, TCI 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.

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

14.6.1.2.1 Name;

14.6.1.2.2 Address;

14.6.1.2.3 Telephone number; and

14.6.1.2.4 Other information as appropriate (e.g., whether a end user is blind or deaf or has another disability).

14.6.1.3 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 TCI requests otherwise and shall be updated if TCI requests, provided TCI supplies BellSouth with the updates.

14.6.1.4 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.

14.6.1.5 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.

14.6.2 Interface Requirements

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

14.7 Directory Assistance Database

BellSouth shall make its directory assistance database available to TCI in order to allow TCI to provide its end users with the same directory assistance telecommunications services BellSouth provides to BellSouth end users. BellSouth shall provide TCI with an initial feed via magnetic tape and daily update initially via magnetic tape and subsequently via an electronic gateway to be developed mutually by TCI and BellSouth of end user address and number changes. Directory Assistance Services must provide both the ported and TCI telephone numbers to the extent available in BellSouth's database assigned to a end user. Privacy indicators must be properly identified to assure the non-published numbers are accurately identified.

14.8 Calling Name (CNAM) Database Service

The Agreement for Calling Name (CNAM) with standard pricing is included as Exhibit B to this Attachment. TCI must provide to its account manager a written request with a requested activation date to activate this service. If TCI is interested in requesting CNAM with volume and term pricing, TCI must contact its account manager to request a separate CNAM volume and term Agreement.

14.9 SCPs/Databases shall be equal to or better than all of the requirements for SCPs/Databases set forth in the following technical references:

14.9.1 GR-246-CORE, Bell Communications Research Specification of Signaling System Number 7, ISSUE 1 (Telcordia (formerly BellCore), December 199);

14.9.2 GR-1432-CORE, CCS Network Interface Specification (CCSNIS) Supporting Signaling Connection Control Part (SCCP) and Transaction Capabilities Application Part (TCAP). (Telcordia (formerly BellCore), March 1994);

14.9.3 GR-954-CORE, CCS Network Interface Specification (CCSNIS) Supporting Line Information Database (LIDB) Service 6, Issue 1, Rev. 1 (Telcordia (formerly BellCore), October 1995);

14.9.4 GR-1149-CORE, OSSGR Section 10: System Interfaces, Issue 1 (Telcordia (formerly BellCore), October 1995) (Replaces TR-NWT-001149);

14.9.5 Telcordia (formerly BellCore) GR-1158-CORE, OSSGR Section 22.3: Line Information Database 6, Issue (Telcordia (formerly BellCore), October 1995);

14.9.6 Telcordia (formerly BellCore) GR-1428-CORE, CCS Network Interface Specification (CCSNIS) Supporting Toll Free Service (Telcordia (formerly BellCore), May 1995); and

14.9.7 BOC Notes on BellSouth Networks, SR-TSV-002275, ISSUE 2, (Telcordia (formerly BellCore), April 1994).

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

14.10.1 BellSouth's Service Creation Environment and Service Management System (SCE/SMS) Advanced Intelligent Network (AIN) Access shall provide TCI the capability that will allow TCI 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.

14.10.2 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 TCI. Scheduling procedures shall provide TCI equivalent priority to these resources

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

14.10.4 When TCI selects SCE/SMS AIN Access, BellSouth shall provide training, documentation, and technical support to enable TCI 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.

14.10.5 When TCI selects SCE/SMS AIN Access, BellSouth shall provide for a secure, controlled access environment in association with its internal use of AIN components. TCI access will be provided via remote data connection (e.g., dial-in, ISDN).

14.10.6 When TCI selects SCE/SMS AIN Access, BellSouth shall allow TCI 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).

## 15. Dark Fiber

15.1 Definition

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.

15.2 Requirements

15.2.1 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 TCI.

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

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

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

## 16. SS7 Network Interconnection

16.1 Definition

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

16.2 Technical Requirements

16.2.1 SS7 Network Interconnection shall provide connectivity to all components of the BellSouth SS7 network. These include:

16.2.1.1 BellSouth local or tandem switching systems;

16.2.1.2 BellSouth DBs; and

16.2.1.3 Other third-party local or tandem switching systems.

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

If traffic is routed based on dialed or translated digits between an TCI 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 TCI local STPs and BellSouth or other third-party local switch.

16.2.3 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).

16.2.4 SS7 Network Interconnection shall provide all functions of the MTP as specified in ANSI T1.111. This includes:

16.2.4.1 Signaling Data Link functions, as specified in ANSI T1.111.2;

16.2.4.2 Signaling Link functions, as specified in ANSI T1.111.3; and

16.2.4.3 Signaling Network Management functions, as specified in ANSI T1.111.4.

16.2.5 SS7 Network Interconnection shall provide all functions of the SCCP necessary for Class 0 (basic connectionless) service, as specified in ANSI T1.112. In particular, this includes Global Title Translation (GTT) and SCCP Management procedures, as specified in T1.112.4. Where the destination signaling point is a BellSouth switching system or DB, or is another third-party local or tandem switching system directly connected to the BellSouth SS7 network, SS7 Network Interconnection shall include final GTT of messages to the destination and SCCP Subsystem Management of the destination. Where the destination signaling point is a TCI local or tandem switching system, SS7 Network Interconnection shall include intermediate GTT of messages to a gateway pair of TCI local STPs, and shall not include SCCP Subsystem Management of the destination.

16.2.6 SS7 Network Interconnection shall provide all functions of the Integrated Services Digital Network User Part (ISDNUP), as specified in ANSI T1.113.

16.2.7 SS7 Network Interconnection shall provide all functions of the TCAP, as specified in ANSI T1.114.

16.2.8 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.

16.2.9 SS7 Network Interconnection shall be equal to or better than the following performance requirements:

16.2.9.1 MTP Performance, as specified in ANSI T1.111.6;

16.2.9.2 SCCP Performance, as specified in ANSI T1.112.5; and

16.2.9.3 ISDNUP Performance, as specified in ANSI T1.113.5.

16.3 Interface Requirements

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

16.3.1.1 A-link interface from TCI local or tandem switching systems; and

16.3.1.2 B-link interface from TCI STPs.

16.3.2 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 TCI local switching systems or STPs with BellSouth STPs as soon as these become approved ANSI standards and available capabilities of BellSouth STPs. BellSouth and TCI will work jointly to establish mutually acceptable SPOI.

16.3.3 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 TCI will work jointly to establish mutually acceptable SPOI.

16.3.4 The protocol interface requirements for SS7 Network Interconnection include the MTP, ISDNUP, SCCP, and TCAP. These protocol interfaces shall conform to the following specifications:

16.3.4.1 Telcordia (formerly BellCore) GR-905-CORE, Common Channel Signaling Network Interface Specification (CCSNIS) Supporting Network Interconnection, Message Transfer Part (MTP), and Integrated Services Digital Network User Part (ISDNUP);

16.3.4.2 Telcordia (formerly BellCore) GR-1428-CORE, CCS Network Interface Specification (CCSNIS) Supporting Toll Free Service;

16.3.4.3 Telcordia (formerly BellCore) GR-1429-CORE, CCS Network Interface Specification (CCSNIS) Supporting Call Management Services; and

16.3.4.4 Telcordia (formerly BellCore) GR-1432-CORE, CCS Network Interface Specification (CCSNIS) Supporting Signaling Connection Control Part (SCCP) and Transaction Capabilities Application Part (TCAP).

16.3.5 BellSouth shall set message screening parameters to block accept messages from TCI local or tandem switching systems destined to any signaling point in the BellSouth SS7 network with which the TCI switching system has a legitimate signaling relation.

16.4 SS7 Network Interconnection shall be equal to or better than all of the requirements for SS7 Network Interconnection set forth in the following technical references:

16.4.1 ANSI T1.110-1992 American National Standard Telecommunications - Signaling System Number 7 (SS7) - General Information;

16.4.2 ANSI T1.111-1992 American National Standard for Telecommunications - Signaling System Number 7 (SS7) - Message Transfer Part (MTP);

16.4.3 ANSI T1.111A-1994 American National Standard for Telecommunications - Signaling System Number 7 (SS7) - Message Transfer Part (MTP) Supplement;

16.4.4 ANSI T1.112-1992 American National Standard for Telecommunications - Signaling System Number 7 (SS7) - Signaling Connection Control Part (SCCP);

16.4.5 ANSI T1.113-1995 American National Standard for Telecommunications - Signaling System Number 7 (SS7) - Integrated Services Digital Network (ISDN) User Part;

16.4.6 ANSI T1.114-1992 American National Standard for Telecommunications - Signaling System Number 7 (SS7) - Transaction Capabilities Application Part (TCAP);

16.4.7 ANSI T1.115-1990 American National Standard for Telecommunications - Signaling System Number 7 (SS7) - Monitoring and Measurements for Networks;

16.4.8 ANSI T1.116-1990 American National Standard for Telecommunications - Signaling System Number 7 (SS7) - Operations, Maintenance and Administration Part (OMAP);

16.4.9 ANSI T1.118-1992 American National Standard for Telecommunications - Signaling System Number 7 (SS7) - Intermediate Signaling Network Identification (ISNI);

16.4.10 Telcordia (formerly BellCore) GR-905-CORE, Common Channel Signaling Network Interface Specification (CCSNIS) Supporting Network Interconnection,

Message Transfer Part (MTP), and Integrated Services Digital Network User Part (ISDNUP);

16.4.11 Telcordia (formerly BellCore) GR-954-CORE, CCS Network Interface Specification (CCSNIS) Supporting Line Information Database (LIDB) Service;

16.4.12 Telcordia (formerly BellCore) GR-1428-CORE, CCS Network Interface Specification (CCSNIS) Supporting Toll Free Service;

16.4.13 Telcordia (formerly BellCore) GR-1429-CORE, CCS Network Interface Specification (CCSNIS) Supporting Call Management Services; and,

16.4.14 Telcordia (formerly BellCore) GR-1432-CORE, CCS Network Interface Specification (CCSNIS) Supporting Signaling Connection Control Part (SCCP) and Transaction Capabilities Application Part (TCAP).

## 17. Basic 911 and E911

If TCI orders network elements and other services, then TCI 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.

17.1 Definition

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).

17.2 Requirements

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

17.2.2 E911 Service Provisioning. For E911 service, TCI will be required to install a minimum of two dedicated trunks originating from the TCI 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. TCI will be required to provide BellSouth daily updates to the E911 database. TCI 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, TCI 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. TCI 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.

17.2.3 Rates. Charges for 911/E911 service are borne by the municipality purchasing the service. BellSouth will impose no charge on TCI beyond applicable charges for BellSouth trunking arrangements.

17.2.4 Basic 911 and E911 functions provided to TCI shall be at least at parity with the support and services that BellSouth provides to its end users for such similar functionality.

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 TCI to follow in providing 911/E911 services.

## 18. Rates

18.1. General

The prices that TCI shall pay to BellSouth for Network Elements and Other Services are set forth in Exhibit C to this Attachment. It is the intent of the parties that where applicable state commissions have approved rates for network elements and other services set forth in this Agreement as of the date hereof, such rates have been included in Exhibit C.

18.2. Operational Support Systems (OSS)

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

| | |
|---|---|
| LENS | Local Exchange Navigation System |
| EDI | Electronic Data Interface |
| EDI-PC | Electronic Data Interface – Personal Computer |
| TAG | Telecommunications Access Gateway |

LSRs submitted by means of one of these interactive interfaces will incur an OSS electronic ordering charge, as specified in the table below. An individual LSR will be identified for billing purposes by its Purchase Order Number (PON). LSRs submitted by means other than one of these interactive interfaces (mail, fax, courier, etc.) will incur a manual order charge as specified in the table below:

| OPERATIONAL SUPPORT SYSTEMS | **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<br>SOMEC | $3.50<br>SOMEC |
| Incremental charge per LSR received from the CLEC by means other than one of the OSS interactive interfaces | See applicable rate element | $19.99<br>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 TCI 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**

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

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.

18.3 True-up

**This section applies only to Tennessee and other interim rates listed in this attachment.**

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

1. 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.

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 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.

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 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 BST agrees to store in its LIDB certain information at the request of the Local Exchange Company and pursuant to which BST, its LIDB customers and Local Exchange Carrier shall have access to such information. Local Exchange Carrier understands that BST 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 Local Exchange Carrier, 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. BST 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 BST's LIDB, provided that such information is included in the LIDB query. BST will establish fraud alert thresholds and will notify the Local Exchange Company of fraud alerts so that the Local Exchange Company may take action it deems appropriate. Local Exchange Company understands and agrees BST will

administer all data stored in the LIDB, including the data provided by Local Exchange Company pursuant to this Agreement, in the same manner as BST's data for BST's end user customers. BST shall not be responsible to Local Exchange Company for any lost revenue which may result from BST's administration of the LIDB pursuant to its established practices and procedures as they exist and as they may be changed by BST in its sole discretion from time to time.

Local Exchange Company understands that BST currently has in effect numerous billing and collection agreements with various interexchange carriers and billing clearing houses. Local Exchange Company further understands that these billing and collection customers of BST query BST's LIDB to determine whether to accept various billing options from end users. Additionally, Local Exchange Company understands that presently BST has no method to differentiate between BST's own billing and line data in the LIDB and such data which it includes in the LIDB on Local Exchange Company's behalf pursuant to this Agreement. Therefore, until such time as BST can and does implement in its LIDB and its supporting systems the means to differentiate Local Exchange Company's data from BST's data and the Parties to this Agreement execute appropriate amendments hereto, the following terms and conditions shall apply:

(a) The Local Exchange Company agrees that it will accept responsibility for telecommunications services billed by BST for its billing and collection customers for Local Exchange Customer's end user accounts which are resident in LIDB pursuant to this Agreement. Local Exchange Company authorizes BST to place such charges on Local Exchange Company's bill from BST and agrees that it shall pay all such charges. Charges for which Local Exchange Company hereby takes responsibility include, but are not limited to, collect and third number calls.

(b) Charges for such services shall appear on a separate BST bill page identified with the name of the entity for which BST is billing the charge.

(c) Local Exchange Company shall have the responsibility to render a billing statement to its end users for these charges, but Local Exchange Company's obligation to pay BST for the charges billed shall be independent of whether Local Exchange Company is able or not to collect from the Local Exchange Company's end users.

(d) BST shall not become involved in any disputes between Local Exchange Company and the entities for which BST performs billing and collection. BellSouth will not issue adjustments for charges billed on behalf of an entity to Local Exchange Company. It shall be the responsibility of the Local Exchange Company and the other entity to negotiate and arrange for any appropriate adjustments.

## II. TERM

This Agreement will be effective as of June 30, 2000 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. The Local Exchange Company will not be charged a fee for storage services provided by BST to the Local Exchange Company, as described in Section I of this Agreement.

B. Sales, use and all other taxes (excluding taxes on BST's income) determined by BST 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 the Local Exchange

Company. The Local Exchange Company shall have the right to have BST contest with the imposing jurisdiction, at the Local Exchange Company's expense, any such taxes that the Local Exchange Company 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

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

D. This Agreement constitutes the entire Agreement between the Local Exchange Company and BST 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 TCI of Georgia, and the construction, interpretation and performance of this Agreement and all transactions hereunder shall be governed by the domestic law of such TCI.

# *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 June 30, 2000, between BellSouth Telecommunications, Inc. ("BST"), and TriVergent Communications, Inc. ("Local Exchange Company"), effective the 30th day of June, 2000.

## I. GENERAL

This Addendum sets forth the terms and conditions for Local Exchange Company's provision of billing number information to BST for inclusion in BST's LIDB. BST will store in its LIDB the billing number information provided by Local Exchange Company, and BST 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 the Local Exchange Company 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 the Local Exchange Company.

C. Special billing number - a ten digit number that identifies a billing account established by the Local Exchange Company.

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

E. PIN number - a four digit security code assigned by the Local Exchange Company 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 Local Exchange Company.

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 BST by the Local Exchange Company.

## III. RESPONSIBILITIES OF PARTIES

A. The Local Exchange Company will provide its billing number information to BST's LIDB each business day by a method that has been mutually agreed upon by both Parties.

B. BST will store in its LIDB the billing number information provided by the Local Exchange Company. Under normal operating conditions, BST shall include the Local Exchange Company's billing number information in its LIDB no later than two business days following BST's receipt of such billing number information, provided that BST 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 BST's reasonable control. BST will store in its LIDB an unlimited volume of the Local Exchange Company's working telephone numbers.

C. BST will provide responses to on-line, call-by-call queries to the stored information for the specific purposes listed in the next paragraph.

D. BST is authorized to use the billing number information provided by the Local Exchange Company 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 the Local Exchange Company, and where the last four digits (PIN) are a security code assigned by the Local Exchange Company.

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

E. The Local Exchange Company will provide its own billing number information to BST for storage and to be used for Billed Number Screening and Calling Card Validation. The Local Exchange Company will arrange and pay for transport of updates to BST.

## IV. COMPLIANCE

Unless expressly authorized in writing by the Local Exchange Company, 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

## 1.00 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 TCI 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.

## 2.0 ATTACHMENT

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

2.02 TCI 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 TCI's access to BellSouth's CNAM Database Services and shall be addressed to TCI's Account Manager.

## 3.00 PHYSICAL CONNECTION AND COMPENSATION

3.01 BellSouth's provision of CNAM Database Services to TCI requires interconnection from TCI 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.

3.02 In order to formulate a CNAM query to be sent to the BellSouth CNAM SCP, TCI shall provide its own CNAM SSP. TCI's CNAM SSPs must be compliant with TR-NWT-001188, "CLASS Calling Name Delivery Generic Requirements".

3.03 If TCI 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 TCI desires to query.

3.04 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.

## 4.00 CNAM RECORD INITIAL LOAD AND UPDATES

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

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

4.02 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.

4.03 TCI 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/TCI RATES
NETWORK ELEMENTS
AND OTHER SERVICES

| DESCRIPTION | USOC | AL | FL | GA | KY | LA | MS | NC | SC | TN |
|---|---|---|---|---|---|---|---|---|---|---|
| **NIDs** | | | | | | | | | | |
| **NID (all types), per month** | UNDAX | NA | $1.08 | NA | $1.80 | NA | NA | $0.52 | NA | $0.56 |
| **Installation of 2-Wire/4Wire CLEC NID** | 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 |
| **NID to NID Cross Connect, 2-Wire or 4-Wire, NRC** | UNDC2 | NA | $6.15 | NA | NA | NA | NA | NA | NA | NA |
| **NID per 2-Wire Analog VG Loop, Per Month** | UNDAX | $1.18 | NA | $1.10 | NA | $1.09 | $1.22 | $1.01 | $1.13 | NA |
| NRC - 1st | UNDAX | $1.44 | NA | $2.10 | NA | $2.02 | $2.84 | $1.42 | $1.36 | NA |
| NRC - Add'l | UNDAX | $1.44 | NA | $2.10 | NA | $2.02 | $2.84 | $1.42 | $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 | $26.94 | $44.42 | NA |
| NRC - Incremental Charge - Manual Service Order - Add'l | SOMAN | $12.97 | NA | $8.42 | NA | $8.06 | $11.34 | $12.76 | $13.55 | NA |
| NRC - Incremental Charge - Manual Service Order - Disconnect - 1st | SOMAN | $17.77 | NA | NA | NA | $11.41 | $16.06 | NA | NA | NA |
| **NID per 4-Wire Analog VG Loop, Per Month** | UNDAX | $1.30 | NA | $1.21 | NA | $1.22 | $1.34 | $1.14 | $1.25 | NA |
| NRC - 1st | UNDAX | $1.44 | NA | $2.10 | NA | $2.02 | $2.84 | $1.42 | $1.35 | NA |
| NRC - Add'l | UNDAX | $1.44 | NA | $2.10 | NA | $2.02 | $2.84 | $1.42 | $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 | $26.94 | $44.06 | NA |
| NRC - Incremental Charge - Manual Service Order - Add'l | SOMAN | $12.97 | NA | $8.42 | NA | $8.06 | $11.34 | $12.76 | $13.55 | NA |
| NRC - Incremental Charge - Manual Service Order - Disconnect - 1st | SOMAN | $17.77 | NA | NA | NA | $11.41 | $16.06 | NA | NA | NA |
| **NID per 2-Wire ISDN Digital VG Loop, Per Month** | UNDAX | $1.18 | NA | $1.10 | NA | $1.08 | $1.22 | $1.01 | $1.13 | NA |
| NRC - 1st | UNDAX | $1.44 | NA | $2.10 | NA | $2.02 | $2.84 | $1.42 | $1.36 | NA |
| NRC - Add'l | UNDAX | $1.44 | NA | $2.10 | NA | $2.02 | $2.84 | $1.42 | $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 | $26.94 | $44.42 | NA |
| NRC - Incremental Charge - Manual Service Order - Add'l | SOMAN | $12.97 | NA | $8.42 | NA | $8.06 | $11.34 | $12.76 | $13.55 | NA |
| NRC - Incremental Charge - Manual Service Order - Disconnect - 1st | SOMAN | $17.77 | NA | NA | NA | $11.41 | $16.06 | NA | NA | NA |
| **NID per 2-Wire Asymmetrical Dig Subscriber Line (ADSL) Loop, Per Mo.** | UNDAX | $1.18 | NA | $1.10 | NA | $1.09 | $1.22 | $1.01 | $1.13 | NA |
| NRC - 1st | UNDAX | $1.44 | NA | $2.10 | NA | $2.02 | $2.84 | $1.42 | $1.36 | NA |
| NRC - Add'l | UNDAX | $1.44 | NA | $2.10 | NA | $2.02 | $2.84 | $1.42 | $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 | $26.94 | $44.42 | NA |
| NRC - Incremental Charge - Manual Service Order - Add'l | SOMAN | $12.97 | NA | $8.42 | NA | $8.06 | $11.34 | $12.76 | $13.55 | NA |
| NRC - Incremental Charge - Manual Service Order - Disconnect -1st | SOMAN | $17.77 | NA | NA | NA | $11.41 | $16.06 | NA | NA | NA |
| **NID per 2-Wire High Bit Rate Dig Subscriber Line (HDSL) Loop** | UNDAX | $1.18 | NA | $1.10 | NA | $1.09 | $1.22 | $1.01 | $1.13 | NA |
| NRC - 1st | UNDAX | $1.44 | NA | $2.10 | NA | $2.02 | $2.84 | $1.42 | $1.36 | NA |
| NRC - Add'l | UNDAX | $1.44 | NA | $2.10 | NA | $2.02 | $2.84 | $1.42 | $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 | $26.94 | $44.42 | NA |
| NRC - Incremental Charge - Manual Service Order - Add'l | SOMAN | $12.97 | NA | $8.42 | NA | $8.06 | $11.34 | $12.76 | $13.55 | NA |
| NRC - Incremental Charge - Manual Service Order - Disconnect -1st | SOMAN | $17.77 | NA | NA | NA | $11.41 | $16.06 | NA | NA | NA |
| **NID per 4-Wire High Bit Rate Dig Subscriber Line (HDSL) Loop** | UNDAX | $1.30 | NA | $1.21 | NA | $1.21 | $1.34 | $1.14 | $1.25 | NA |
| NRC - 1st | UNDAX | $1.44 | NA | $2.10 | NA | $2.02 | $2.84 | $1.42 | $1.35 | NA |
| NRC - Add'l | UNDAX | $1.44 | NA | $2.10 | NA | $2.02 | $2.84 | $1.42 | $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 | $26.94 | $44.06 | NA |
| NRC - Incremental Charge - Manual Service Order - Add'l | SOMAN | $12.97 | NA | $8.42 | NA | $8.06 | $11.34 | $12.76 | $13.55 | NA |

**BELLSOUTH/TCI RATES**
**NETWORK ELEMENTS**
**AND OTHER SERVICES**

| DESCRIPTION | USOC | AL | FL | GA | KY | LA | MS | NC | SC | TN |
|---|---|---|---|---|---|---|---|---|---|---|
| NRC - Incremental Charge - Manual Service Order - Disconnect - 1st | SOMAN | $17.77 | NA | NA | NA | $11.41 | $16.06 | NA | NA | NA |
| **NID per 4-Wire 56 Kbps Dig Grade Loop** | UNDAX | $1.30 | NA | $1.21 | NA | $1.21 | $1.34 | $1.14 | $1.25 | NA |
| NRC - 1st | UNDAX | $1.44 | NA | $2.10 | NA | $2.02 | $2.84 | $1.42 | $1.35 | NA |
| NRC - Add'l | UNDAX | $1.44 | NA | $2.10 | NA | $2.02 | $2.84 | $1.42 | $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 | $26.94 | $44.06 | NA |
| NRC - Incremental Charge - Manual Service Order - Add'l | SOMAN | $12.97 | NA | $8.42 | NA | $8.06 | $11.34 | $12.76 | $13.55 | NA |
| NRC - Incremental Charge - Manual Service Order - Disconnect - 1st | SOMAN | $17.77 | NA | NA | NA | $11.41 | $16.06 | NA | NA | NA |
| **NID per 4-Wire 64 Kbps Dig Grade Loop** | UNDAX | $1.30 | NA | $1.21 | NA | $1.21 | $1.34 | $1.14 | $1.25 | NA |
| NRC - 1st | UNDAX | $1.44 | NA | $2.10 | NA | $2.02 | $2.84 | $1.42 | $1.35 | NA |
| NRC - Add'l | UNDAX | $1.44 | NA | $2.10 | NA | $2.02 | $2.84 | $1.42 | $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 | $26.94 | $44.06 | NA |
| NRC - Incremental Charge - Manual Svc Ord - Add'l | SOMAN | $12.97 | NA | $8.42 | NA | $8.06 | $11.34 | $12.76 | $13.55 | NA |
| NRC - Incremental Charge - Manual Svc Ord - Disconnect - 1st | 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** | | | | | | | | | | |

BELLSOUTH/TCI RATES
NETWORK ELEMENTS
AND OTHER SERVICES

| DESCRIPTION | USOC | AL | FL | GA | KY | LA | MS | NC | SC | TN |
|---|---|---|---|---|---|---|---|---|---|---|
| **2-Wire Analog VG Loop** | | | | | | | | | | |
| RC - Statewide, per month | UEAL2 | NA | NA | NA | NA | NA | NA | $16.71 | NA | $18.00 |
| RC - Zone 1, per month (Note 2) | TBD | NA | $13.75 | NA | NA | NA | NA | TBD | NA | $15.54 |
| RC - Zone 2, per month (Note 2) | TBD | NA | $20.13 | NA | NA | NA | NA | TBD | NA | $19.55 |
| RC - Zone 3, per month (Note 2) | TBD | NA | $44.40 | NA | NA | NA | NA | TBD | NA | $28.02 |
| RC - Zone 4, per month (Note 2) | TBD | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 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** | | | | | | | | | | |
| RC - Statewide, per month | UEAL2 | NA | NA | NA | NA | NA | NA | $15.88 | NA | NA |
| RC - Zone 1, per month (Note 2) | TBD | $15.24 | $13.75 | $14.21 | $14.79 | $14.96 | $15.58 | TBD | $18.48 | $15.92 |
| RC - Zone 2, per month (Note 2) | TBD | $24.75 | $20.13 | $16.41 | $27.68 | $25.69 | $20.65 | TBD | $27.87 | $20.79 |
| RC - Zone 3, per month (Note 2) | TBD | $44.85 | $44.40 | $26.08 | $47.78 | $52.47 | $29.51 | TBD | $36.91 | $27.18 |
| RC - Zone 4, per month (Note 2) | TBD | NA | NA | NA | NA | NA | $38.94 | NA | NA | NA |
| NRC - 1st | UEAL2 | $59.03 | $80.00 | $42.54 | NA | $40.69 | $59.25 | $57.99 | $70.44 | $78.93 |
| NRC - Add'l | UEAL2 | $43.14 | $55.00 | $31.33 | NA | $29.96 | $43.67 | $42.37 | $44.05 | $50.98 |
| NRC - Disconnect Charge - 1st | UEAL2 | $15.21 | NA | NA | NA | $16.48 | $16.35 | NA | NA | NA |
| 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 | $26.94 | $44.22 | NA |
| NRC - Incremental Charge - Manual Service Order - Add'l | SOMAN | $12.97 | NA | $8.42 | NA | $8.06 | $11.34 | $12.76 | $13.55 | NA |
| NRC - Incremental Charge - Manual Service Order - Disconnect - 1st | SOMAN | $17.77 | NA | NA | NA | $11.41 | $16.06 | NA | NA | NA |
| NRC - Manual Order Coordination - 1st | TBD | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| NRC - Manual Order Coordination - addl | TBD | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| NRC - Incremental Charge - Order Coordination - Time Specific (per LSR) | TBD | NA | NA | NA | NA | NA | NA | 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** | | | | | | | | | | |
| RC - Statewide, per month | UEAL2 | NA | NA | NA | NA | NA | NA | $19.50 | NA | NA |
| RC - Zone 1, per month (Note 2) | TBD | $17.95 | $13.75 | $16.84 | $17.27 | $17.65 | $18.35 | TBD | $21.57 | $15.92 |
| RC - Zone 2, per month (Note 2) | TBD | $29.16 | $20.13 | $19.45 | $32.32 | $30.32 | $24.33 | TBD | $32.53 | $20.79 |
| RC - Zone 3, per month (Note 2) | TBD | $52.84 | $44.40 | $30.92 | $55.78 | $61.93 | $34.77 | TBD | $43.08 | $27.18 |
| RC - Zone 4, per month (Note 2) | TBD | NA | NA | NA | NA | NA | $45.88 | NA | NA | NA |
| NRC - 1st | UEAL2 | $145.46 | $140.00 | $104.17 | NA | $99.69 | $144.01 | $142.97 | $178.12 | $192.97 |
| NRC - Add'l | UEAL2 | $108.40 | $42.00 | $78.10 | NA | $74.73 | $107.70 | $106.56 | $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 | $26.94 | $44.42 | NA |
| NRC - Incremental Charge - Manual Service Order - Add'l | SOMAN | $12.97 | NA | $8.42 | NA | $8.06 | $11.34 | $12.76 | $13.55 | NA |
| NRC - Incremental Charge - Manual Service Order - Disconnect - 1st | 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 | $45.34 | $45.43 | $55.00 |
| **2-Wire Analog VG Loop-SL2 w/ reverse battery signaling** | | | | | | | | | | |
| RC - Statewide, per month | UEAR2 | NA | NA | NA | NA | NA | NA | $19.50 | NA | NA |
| RC - Zone 1, per month (Note 2) | TBD | $17.95 | $13.75 | $16.84 | $17.27 | $17.65 | $18.35 | TBD | $21.57 | $15.92 |
| RC - Zone 2, per month (Note 2) | TBD | $29.16 | $20.13 | $19.45 | $32.32 | $30.32 | $24.33 | TBD | $32.53 | $20.79 |
| RC - Zone 3, per month (Note 2) | TBD | $52.84 | $44.40 | $30.92 | $55.78 | $61.93 | $34.77 | TBD | $43.08 | $27.18 |
| RC - Zone 4, per month (Note 2) | TBD | NA | NA | NA | NA | NA | $45.88 | NA | NA | NA |
| NRC - 1st | UEAR2 | $145.46 | $140.00 | $104.17 | NA | $99.69 | $144.01 | $142.97 | $178.12 | $192.97 |
| NRC - Add'l | UEAR2 | $108.40 | $42.00 | $78.10 | NA | $74.73 | $107.70 | $106.56 | $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 | $29.64 | $44.42 | NA |
| NRC - Incremental Charge - Manual Service Order - Add'l | SOMAN | $12.97 | NA | $8.42 | NA | $8.06 | $11.34 | $12.76 | $13.55 | NA |

**BELLSOUTH/TCI RATES**
**NETWORK ELEMENTS**
**AND OTHER SERVICES**

| DESCRIPTION | USOC | AL | FL | GA | KY | LA | MS | NC | SC | TN |
|---|---|---|---|---|---|---|---|---|---|---|
| NRC - Incremental Charge - Manual Service Order - Disconnect - 1st | 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 | $45.34 | $45.43 | $55.00 |
| **2-Wire Analog VG Loop (Standard)** | | | | | | | | | | |
| RC - Statewide, per month | UEAL2 | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| RC - Zone 1, per month (Note 2) | TBD | NA | NA | NA | $14.79 | NA | NA | NA | NA | NA |
| RC - Zone 2, per month (Note 2) | TBD | NA | NA | NA | $27.68 | NA | NA | NA | NA | NA |
| RC - Zone 3, per month (Note 2) | TBD | NA | NA | NA | $47.78 | NA | NA | NA | NA | NA |
| RC - Zone 4, per month (Note 2) | TBD | NA | NA | NA | NA | 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** | | | | | | | | | | |
| RC - Statewide, per month | UEAL2 | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| RC - Zone 1, per month (Note 2) | TBD | NA | NA | NA | $17.27 | NA | NA | NA | NA | NA |
| RC - Zone 2, per month (Note 2) | TBD | NA | NA | NA | $32.32 | NA | NA | NA | NA | NA |
| RC - Zone 3, per month (Note 2) | TBD | NA | NA | NA | $55.78 | NA | NA | NA | NA | NA |
| RC - Zone 4, per month (Note 2) | TBD | NA | NA | NA | NA | 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** | | | | | | | | | | |
| RC - Statewide, per month | UEAR2 | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| RC - Zone 1, per month (Note 2) | TBD | NA | NA | NA | $17.27 | NA | NA | NA | NA | NA |
| RC - Zone 2, per month (Note 2) | TBD | NA | NA | NA | $32.32 | NA | NA | NA | NA | NA |
| RC - Zone 3, per month (Note 2) | TBD | NA | NA | NA | $55.78 | NA | NA | NA | NA | NA |
| RC - Zone 4, per month (Note 2) | TBD | NA | NA | NA | NA | 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** | | | | | | | | | | |
| RC - Statewide, per month | UEAL4 | NA | NA | NA | NA | NA | NA | $27.49 | NA | NA |
| RC - Zone 1, per month (Note 2) | TBD | $24.01 | $24.26 | $22.26 | NA | $24.36 | $22.38 | TBD | $29.47 | $15.92 |
| RC - Zone 2, per month (Note 2) | TBD | $39.00 | $35.51 | $25.70 | NA | $41.85 | $29.67 | TBD | $44.44 | $20.79 |
| RC - Zone 3, per month (Note 2) | TBD | $70.67 | $78.35 | $40.85 | NA | $85.47 | $42.40 | TBD | $58.85 | $27.18 |
| RC - Zone 4, per month (Note 2) | TBD | NA | NA | NA | NA | NA | $55.96 | NA | NA | NA |
| NRC - 1st | UEAL4 | $293.70 | $141.00 | $206.95 | NA | $198.10 | $289.06 | $288.47 | $383.39 | $58.50 |
| NRC - Add'l | UEAL4 | $241.76 | $43.00 | $170.57 | NA | $163.26 | $238.19 | $237.45 | $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 | $26.94 | $44.06 | NA |
| NRC - Incremental Charge - Manual Service Order - Add'l | SOMAN | $12.97 | NA | $8.42 | NA | $8.06 | $11.34 | $12.76 | $13.55 | NA |
| NRC - Incremental Charge - Manual Service Order - Disconnect - 1st | SOMAN | $17.77 | NA | NA | NA | $11.41 | $16.06 | NA | NA | NA |
| NRC - Incremental Charge - Order Coordination - Time Specific (per LSR) | OCOSL | $45.99 | $55.00 | $34.22 | NA | $32.77 | $45.27 | $45.34 | $45.43 | $55.00 |
| **4-Wire Analog VG Loop (Standard)** | | | | | | | | | | |
| RC - Statewide, per month | UEAL4 | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| RC - Zone 1, per month (Note 2) | TBD | NA | NA | NA | $20.92 | NA | NA | NA | NA | NA |
| RC - Zone 2, per month (Note 2) | TBD | NA | NA | NA | $39.14 | NA | NA | NA | NA | NA |
| RC - Zone 3, per month (Note 2) | TBD | NA | NA | NA | $67.56 | NA | NA | NA | NA | NA |
| RC - Zone 4, per month (Note 2) | TBD | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| NRC - 1st | UEAL4 | NA | NA | NA | $457.14 | NA | NA | NA | NA | NA |

BELLSOUTH/TCI RATES
NETWORK ELEMENTS
AND OTHER SERVICES

| DESCRIPTION | USOC | AL | FL | GA | KY | LA | MS | NC | SC | TN |
|---|---|---|---|---|---|---|---|---|---|---|
| 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** | | | | | | | | | | |
| RC - Statewide, per month | U1L2X | NA | NA | NA | NA | NA | NA | $24.98 | NA | NA |
| RC - Zone 1, per month (Note 2) | TBD | $23.23 | $32.34 | $21.89 | $23.66 | $21.15 | $21.86 | TBD | $26.68 | $15.92 |
| RC - Zone 2, per month (Note 2) | TBD | $37.74 | $47.35 | $25.27 | $44.28 | $36.22 | $28.97 | TBD | $40.24 | $20.79 |
| RC - Zone 3, per month (Note 2) | TBD | $68.38 | $104.47 | $40.17 | $76.42 | $74.19 | $41.40 | TBD | $53.29 | $27.18 |
| RC - Zone 4, per month (Note 2) | TBD | NA | NA | NA | NA | NA | $54.64 | NA | NA | NA |
| NRC - 1st | U1L2X | $331.85 | $306.00 | $233.38 | NA | $223.27 | $326.38 | $325.91 | $423.04 | $58.50 |
| NRC - Add'l | U1L2X | $255.87 | $283.00 | $180.35 | NA | $172.63 | $252.00 | $251.31 | $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 | $26.94 | $44.42 | NA |
| NRC - Incremental Charge - Manual Service Order - Add'l | SOMAN | $12.97 | NA | $8.42 | NA | $8.06 | $11.34 | $12.76 | $13.55 | NA |
| NRC - Incremental Charge - Manual Service Order - Disconnect - 1st | SOMAN | $17.77 | NA | NA | NA | $11.41 | $16.06 | NA | NA | NA |
| NRC - Incremental Charge - Order Coordination - Time Specific (per LSR) | OCOSL | $45.99 | $55.00 | $34.22 | $55.00 | $32.77 | $45.27 | $45.34 | $45.43 | $55.00 |
| **2-Wire ISDN Digital Grade Loop (Standard)** | | | | | | | | | | |
| RC - Statewide, per month | U1L2X | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| RC - Zone 1, per month (Note 2) | TBD | NA | NA | NA | $23.66 | NA | NA | NA | NA | NA |
| RC - Zone 2, per month (Note 2) | TBD | NA | NA | NA | $44.28 | NA | NA | NA | NA | NA |
| RC - Zone 3, per month (Note 2) | TBD | NA | NA | NA | $76.42 | NA | NA | NA | NA | NA |
| RC - Zone 4, per month (Note 2) | TBD | NA | NA | NA | NA | 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** | | | | | | | | | | |
| RC - Statewide, per month | UAL2X | NA | NA | NA | NA | NA | NA | $14.60 | NA | $18.46 |
| RC - Zone 1, per month (Note 2) | TBD | $12.09 | $12.78 | $11.23 | NA | $11.90 | $10.87 | TBD | $17.10 | $15.93 |
| RC - Zone 2, per month (Note 2) | TBD | $19.64 | $18.72 | $12.97 | NA | $20.43 | $14.40 | TBD | $25.79 | $20.05 |
| RC - Zone 3, per month (Note 2) | TBD | $35.59 | $41.29 | $20.62 | NA | $41.73 | $20.58 | TBD | $34.15 | $28.74 |
| RC - Zone 4, per month (Note 2) | TBD | NA | NA | NA | NA | NA | $27.16 | NA | NA | NA |
| NRC - 1st | UAL2X | $514.21 | $113.85 | $359.73 | NA | $343.13 | $504.82 | $504.90 | $600.61 | $640.79 |
| NRC - Add'l | UAL2X | $464.58 | $99.61 | $325.15 | NA | $310.03 | $456.24 | $456.17 | $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 | $26.94 | $44.42 | NA |
| NRC - Incremental Charge - Manual Service Order - Add'l | SOMAN | $12.97 | NA | $8.42 | NA | $8.06 | $11.34 | $12.76 | $13.55 | NA |
| NRC - Incremental Charge - Manual Service Order - Disconnect - 1st | SOMAN | $17.77 | NA | NA | NA | $11.41 | $16.06 | NA | NA | NA |
| NRC - Incremental Charge - Order Coordination - Time Specific (per LSR) | OCOSL | $45.99 | $55.00 | $34.22 | NA | $32.77 | $45.27 | $45.34 | $45.43 | $55.00 |
| **2-Wire ADSL Loop (Standard)** | | | | | | | | | | |
| RC - Statewide, per month | UAL2X | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| RC - Zone 1, per month (Note 2) | TBD | NA | NA | NA | $8.79 | NA | NA | NA | NA | NA |
| RC - Zone 2, per month (Note 2) | TBD | NA | NA | NA | $16.46 | NA | NA | NA | NA | NA |
| RC - Zone 3, per month (Note 2) | TBD | NA | NA | NA | $28.40 | NA | NA | NA | NA | NA |
| RC - Zone 4, per month (Note 2) | TBD | NA | NA | NA | NA | 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** | | | | | | | | | | |
| RC - Statewide, per month | UHL2X | NA | NA | NA | NA | NA | NA | $11.98 | NA | $13.46 |
| RC - Zone 1, per month (Note 2) | TBD | $9.41 | $9.80 | $7.88 | $6.29 | $8.97 | $8.50 | TBD | $12.21 | $11.62 |
| RC - Zone 2, per month (Note 2) | TBD | $15.29 | $14.35 | $9.09 | $11.78 | $15.41 | $11.26 | TBD | $18.41 | $14.62 |

**BELLSOUTH/TCI RATES**
**NETWORK ELEMENTS**
**AND OTHER SERVICES**

| DESCRIPTION | USOC | AL | FL | GA | KY | LA | MS | NC | SC | TN |
|---|---|---|---|---|---|---|---|---|---|---|
| RC - Zone 3, per month (Note 2) | TBD | $27.70 | $31.65 | $14.46 | $20.33 | $31.48 | $16.10 | TBD | $24.39 | $20.96 |
| RC - Zone 4, per month (Note 2) | TBD | NA | NA | NA | NA | NA | $21.25 | NA | NA | NA |
| NRC - 1st | UHL2X | $514.21 | $113.85 | $359.73 | NA | $343.13 | $504.82 | $504.90 | $600.61 | $640.79 |
| NRC - Add'l | UHL2X | $464.58 | $99.61 | $325.15 | NA | $310.03 | $456.24 | $456.17 | $507.33 | $541.94 |
| NRC - Disconnect Charge - 1st | UHL2X | $106.65 | NA | NA | NA | $72.54 | $105.86 | NA | NA | NA |
| NRC - Disconnect Charge - Add'l | UHL2X | $56.98 | NA | NA | NA | $39.42 | $57.25 | NA | NA | NA |
| NRC - Incremental Charge - Manual Service Order - 1st | SOMAN | $27.37 | NA | $18.94 | NA | $18.14 | $25.52 | $26.94 | $44.42 | NA |
| NRC - Incremental Charge - Manual Service Order - Add'l | SOMAN | $12.97 | NA | $8.42 | NA | $8.06 | $11.34 | $12.76 | $13.55 | NA |
| NRC - Incremental Charge - Manual Service Order - Disconnect - 1st | SOMAN | $17.77 | NA | NA | NA | $11.41 | $16.06 | NA | NA | NA |
| NRC - Incremental Charge - Order Coordination - Time Specific (per LSR) | OCOSL | $45.99 | $55.00 | $34.22 | NA | $32.77 | $45.27 | $45.34 | $45.43 | $55.00 |
| **2-Wire HDSL Loop (Standard)** | | | | | | | | | | |
| RC - Statewide, per month | UHL2X | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| RC - Zone 1, per month (Note 2) | TBD | NA | NA | NA | $6.29 | NA | NA | NA | NA | NA |
| RC - Zone 2, per month (Note 2) | TBD | NA | NA | NA | $11.78 | NA | NA | NA | NA | NA |
| RC - Zone 3, per month (Note 2) | TBD | NA | NA | NA | $20.33 | NA | NA | NA | NA | NA |
| RC - Zone 4, per month (Note 2) | TBD | NA | NA | NA | NA | 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** | | | | | | | | | | |
| RC - Statewide, per month | UHL4X | NA | NA | NA | NA | NA | NA | $13.97 | NA | $17.91 |
| RC - Zone 1, per month (Note 2) | TBD | $11.52 | $14.75 | $10.39 | NA | $12.97 | $10.36 | TBD | $16.21 | $15.46 |
| RC - Zone 2, per month (Note 2) | TBD | $18.71 | $21.59 | $12.00 | NA | $21.76 | $13.73 | TBD | $24.45 | $19.46 |
| RC - Zone 3, per month (Note 2) | TBD | $33.90 | $47.64 | $19.07 | NA | $44.44 | $19.62 | TBD | $32.38 | $27.88 |
| RC - Zone 4, per month (Note 2) | TBD | NA | NA | NA | NA | NA | $25.90 | NA | NA | NA |
| NRC - 1st | UHL4X | $541.13 | $116.91 | $378.86 | NA | $361.45 | $531.21 | $531.35 | $625.11 | $666.70 |
| NRC - Add'l | UHL4X | $491.50 | $101.71 | $344.28 | NA | $328.35 | $482.63 | $482.62 | $532.78 | $568.86 |
| NRC - Disconnect Charge - 1st | UHL4X | $106.65 | NA | NA | NA | $72.54 | $105.86 | NA | NA | NA |
| NRC - Disconnect Charge - Add'l | UHL4X | $56.98 | NA | NA | NA | $39.42 | $57.25 | NA | NA | NA |
| NRC - Incremental Charge - Manual Service Order - 1st | SOMAN | $27.37 | NA | $18.94 | NA | $18.14 | $25.52 | $26.94 | $44.06 | NA |
| NRC - Incremental Charge - Manual Service Order - Add'l | SOMAN | $12.97 | NA | $8.42 | NA | $8.06 | $11.34 | $12.76 | $13.55 | NA |
| NRC - Incremental Charge - Manual Service Order - Disconnect -1st | SOMAN | $17.77 | NA | NA | NA | $11.41 | $16.06 | NA | NA | NA |
| NRC - Incremental Charge - Order Coordination - Time Specific (per LSR) | OCOSL | $45.99 | $55.00 | $34.22 | NA | $32.77 | $45.27 | $45.34 | $45.43 | $55.00 |
| **4-Wire HDSL Loop (Standard)** | | | | | | | | | | |
| RC - Statewide, per month | UHL4X | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| RC - Zone 1, per month (Note 2) | TBD | NA | NA | NA | $7.68 | NA | NA | NA | NA | NA |
| RC - Zone 2, per month (Note 2) | TBD | NA | NA | NA | $14.38 | NA | NA | NA | NA | NA |
| RC - Zone 3, per month (Note 2) | TBD | NA | NA | NA | $24.82 | NA | NA | NA | NA | NA |
| RC - Zone 4, per month (Note 2) | TBD | NA | NA | NA | NA | 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** | | | | | | | | | | |
| RC - Statewide, per month | USLXX | NA | NA | NA | NA | NA | NA | $62.78 | NA | TBD |
| RC - Zone 1, per month (Note 2) | TBD | $51.74 | $64.69 | $55.53 | $50.26 | $56.32 | $50.99 | TBD | $59.61 | TBD |
| RC - Zone 2, per month (Note 2) | TBD | $84.05 | $94.71 | $64.13 | $94.06 | $96.73 | $67.58 | TBD | $89.90 | TBD |
| RC - Zone 3, per month (Note 2) | TBD | $152.29 | $208.93 | $101.93 | $162.34 | $197.57 | $96.58 | TBD | $119.06 | TBD |
| RC - Zone 4, per month (Note 2) | TBD | NA | NA | NA | NA | NA | $127.47 | NA | NA | NA |
| NRC - 1st | USLXX | $610.13 | $540.00 | $429.98 | $849.80 | $410.38 | $599.09 | $714.84 | $715.77 | TBD |
| NRC - Add'l | USLXX | $380.26 | $465.00 | $268.18 | $523.27 | $255.48 | $373.90 | $421.47 | $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 |

**BELLSOUTH/TCI RATES**
**NETWORK ELEMENTS**
**AND OTHER SERVICES**

| DESCRIPTION | USOC | AL | FL | GA | KY | LA | MS | NC | SC | TN |
|---|---|---|---|---|---|---|---|---|---|---|
| NRC - Incremental Charge - Manual Service Order - 1st | SOMAN | $27.37 | NA | $18.94 | NA | $18.14 | $25.52 | $42.19 | $43.77 | NA |
| NRC - Incremental Charge - Manual Service Order - Add'l | SOMAN | $12.97 | NA | $8.42 | NA | $8.06 | $11.34 | $12.76 | $13.55 | NA |
| NRC - Incremental Charge - Manual Service Order - Disconnect | SOMAN | $17.77 | NA | NA | NA | $11.41 | $16.06 | 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 | $48.31 | $48.47 | NA |
| **4-Wire 56 Kbps Dig Grade Loop** | | | | | | | | | | |
| RC - Statewide, per month | UDL56 | NA | NA | NA | NA | NA | NA | $32.67 | NA | $42.23 |
| RC - Zone 1, per month (Note 2) | TBD | $27.33 | $39.08 | $25.75 | NA | $27.50 | $25.61 | TBD | $34.26 | $36.45 |
| RC - Zone 2, per month (Note 2) | TBD | $44.40 | $57.21 | $29.74 | NA | $47.24 | $33.94 | TBD | $51.67 | $45.87 |
| RC - Zone 3, per month (Note 2) | TBD | $80.45 | $126.22 | $47.27 | NA | $96.48 | $48.51 | TBD | $68.43 | $65.75 |
| RC - Zone 4, per month (Note 2) | TBD | NA | NA | NA | NA | NA | $64.02 | NA | NA | NA |
| NRC - 1st | UDL56 | $498.05 | $654.72 | $348.55 | NA | $333.28 | $489.00 | $489.04 | $602.73 | $643.00 |
| NRC - Add'l | UDL56 | $343.70 | $428.45 | $241.20 | NA | $230.50 | $337.93 | $337.51 | $393.50 | $421.26 |
| 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 | $26.94 | NA | NA |
| NRC - Incremental Charge - Manual Service Order - Add'l | SOMAN | $12.97 | NA | $8.42 | NA | $8.06 | $11.34 | $12.76 | 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 - Order Coordination - Time Specific (per LSR) | OCOSL | $45.99 | $55.00 | $34.22 | NA | $32.77 | $45.27 | $45.34 | $45.43 | $55.00 |
| **4-Wire 64 Kbps Dig Grade Loop** | | | | | | | | | | |
| RC - Statewide, per month | UDL64 | NA | NA | NA | NA | NA | NA | $32.67 | $41.70 | $42.23 |
| RC - Zone 1, per month (Note 2) | TBD | $27.33 | $39.08 | $25.75 | NA | $27.50 | $25.61 | TBD | $34.26 | $36.45 |
| RC - Zone 2, per month (Note 2) | TBD | $44.40 | $57.21 | $29.74 | NA | $47.24 | $33.94 | TBD | $51.67 | $45.87 |
| RC - Zone 3, per month (Note 2) | TBD | $80.45 | $126.22 | $47.27 | NA | $96.48 | $48.51 | TBD | $68.43 | $65.75 |
| RC - Zone 4, per month (Note 2) | TBD | NA | NA | NA | NA | NA | $64.02 | NA | NA | NA |
| NRC - 1st | UDL64 | $498.05 | $654.72 | $348.55 | NA | $333.28 | $489.00 | $489.04 | $602.73 | $643.00 |
| NRC - Add'l | UDL64 | $343.70 | $428.45 | $241.20 | NA | $230.50 | $337.93 | $337.51 | $393.50 | $421.26 |
| 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 | $26.94 | NA | NA |
| NRC - Incremental Charge - Manual Service Order - Add'l | SOMAN | $12.97 | NA | $8.42 | NA | $8.06 | $11.34 | $12.76 | 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 - Order Coordination - Time Specific (per LSR) | OCOSL | $45.99 | $55.00 | $34.22 | NA | $32.77 | $45.27 | $45.34 | $45.43 | $55.00 |
| **2-Wire Unbundled Copper Loop (18kft or less) Note 3** | | | | | | | | | | |
| RC - Statewide, per month | UCLPB | $15.11 | $18.00 | $13.97 | $11.89 | $21.00 | NA | $19.00 | $20.81 | $12.16 |
| RC - Zone 1, per month (Note 2) | TBD | TBD | $18.60 | $19.80 | TBN | $18.80 | $16.85 | TBD | $18.90 | $19.85 |
| RC - Zone 2, per month (Note 2) | TBD | TBD | $27.23 | $22.86 | TBN | $25.85 | $22.34 | TBD | $28.50 | $24.98 |
| RC - Zone 3, per month (Note 2) | TBD | TBD | $60.07 | $36.34 | TBN | $39.14 | $31.92 | TBD | $37.75 | $35.81 |
| RC - Zone 4, per month (Note 2) | TBD | NA | NA | NA | NA | NA | $42.13 | NA | NA | NA |
| NRC - 1st | UCLPB | $514.21 | $340.00 | $395.16 | $713.50 | $340.00 | $504.82 | $504.90 | $600.61 | $270.01 |
| NRC - Add'l | UCLPB | $464.58 | $300.00 | $217.39 | $609.44 | $300.00 | $456.24 | $456.17 | $507.33 | $234.63 |
| NRC - Disconnect Charge - 1st | UCLPB | NA | NA | NA | NA | $72.54 | $105.86 | NA | NA | $74.54 |
| NRC - Disconnect Charge - Add'l | UCLPB | NA | NA | NA | NA | $39.42 | $57.25 | NA | NA | $39.14 |
| NRC - Incremental Charge - Manual Service Order - 1st | SOMAN | $47.00 | $47.00 | $18.94 | $47.00 | $18.14 | $25.52 | $26.94 | $25.52 | NA |
| NRC - Incremental Charge - Manual Service Order - Add'l | SOMAN | $21.00 | $21.00 | $8.42 | $21.00 | $8.06 | $11.34 | $12.76 | $47.00 | NA |
| NRC - Incremental Charge - Manual Service Order - Disconnect - 1st | SOMAN | NA | NA | $142.27 | NA | NA | NA | NA | NA | NA |
| NRC - Incremental Charge - Manual Service Order - Disconnect | SOMAN | $17.77 | NA | $37.86 | $17.77 | $11.41 | $16.06 | NA | $21.00 | NA |
| NRC - Incremental Charge - Manual Order Coordination - per loop | UCLMC | $16.00 | $16.00 | $36.46 | NA | $32.77 | $45.27 | $45.34 | $45.43 | $34.29 |
| **2-Wire Unbundled Copper Loop (>18kft) Note 3** | | | | | | | | | | |
| RC - Statewide, per month | UCL2L | $40.00 | $35.00 | $41.61 | $40.00 | $37.00 | $45.00 | $35.00 | $40.00 | $35.00 |
| RC - Zone 1, per month (Note 2) | TBD | TBD | $18.60 | $19.80 | TBN | $18.80 | $16.85 | TBD | $18.90 | $19.85 |
| RC - Zone 2, per month (Note 2) | TBD | TBD | $27.23 | $22.86 | TBN | $25.85 | $22.34 | TBD | $28.50 | $24.98 |
| RC - Zone 3, per month (Note 2) | TBD | TBD | $60.07 | $36.34 | TBN | $39.14 | $31.92 | TBD | $37.75 | $35.81 |

**BELLSOUTH/TCI RATES**
**NETWORK ELEMENTS**
**AND OTHER SERVICES**

| DESCRIPTION | USOC | AL | FL | GA | KY | LA | MS | NC | SC | TN |
|---|---|---|---|---|---|---|---|---|---|---|
| RC - Zone 4, per month (Note 2) | TBD | NA | NA | NA | NA | NA | $42.13 | NA | NA | NA |
| NRC - 1st | UCL2L | $514.21 | $340.00 | $395.16 | $713.50 | $340.00 | $504.82 | $504.90 | $600.61 | $270.01 |
| NRC - Add'l | UCL2L | $464.58 | $300.00 | $217.39 | $609.44 | $300.00 | $456.24 | $456.17 | $507.33 | $234.63 |
| NRC - Disconnect Charge - 1st | UCL2L | NA | NA | NA | NA | $72.54 | $105.86 | NA | NA | $74.54 |
| NRC - Disconnect Charge - Add'l | UCL2L | NA | NA | NA | NA | $39.42 | $57.25 | NA | NA | $39.14 |
| NRC - Incremental Charge - Manual Service Order - 1st | SOMAN | $47.00 | $47.00 | $18.94 | $47.00 | $18.14 | $25.52 | $26.94 | $25.52 | NA |
| NRC - Incremental Charge - Manual Service Order - Add'l | SOMAN | $21.00 | $21.00 | $8.42 | $21.00 | $8.06 | $11.34 | $12.76 | $47.00 | NA |
| NRC - Incremental Charge - Manual Service Order - Disconnect - 1st | SOMAN | NA | NA | $142.27 | NA | NA | NA | NA | NA | NA |
| NRC - Incremental Charge - Manual Service Order - Disconnect | SOMAN | $17.77 | NA | $37.86 | $17.77 | $11.41 | $16.06 | NA | $21.00 | NA |
| NRC - Incremental Charge - Manual Order Coordination - per loop | UCLMC | $16.00 | $16.00 | $36.46 | NA | $32.77 | $45.27 | $45.34 | $45.43 | $34.29 |
| **DS3 Unbundled Local Loop** | | | | | | | | | | |
| DS3 Unbundled Local Loop - per mile | 1L5ND | $43.96 | $40.01 | $29.96 | $43.69 | $38.98 | $54.39 | $32.53 | $56.71 | $30.53 |
| DS3 Unbundled Local Loop- per Facility Termination | UE3PX | $456.18 | $470.83 | $392.61 | $436.95 | $497.08 | $427.81 | $387.01 | $510.30 | $400.21 |
| NRC - Facility Termination - 1st | UE3PX | $973.58 | $770.47 | $770.96 | $1,091.00 | $709.14 | $975.22 | $964.04 | $1,091.00 | $726.16 |
| NRC - Facility Termination - Add'l | UE3PX | $547.59 | $436.40 | $437.71 | $661.23 | $402.63 | $549.17 | $542.73 | $654.13 | $411.64 |
| NRC - Facility Termination - Disconnect - 1st | UE3PX | $132.56 | $108.95 | $111.07 | NA | $102.16 | $134.07 | NA | NA | $103.36 |
| NRC - Facility Termination - Disconnect - Add'l | UE3PX | $129.07 | $106.01 | $108.14 | NA | $99.46 | $130.59 | NA | NA | $100.59 |
| NRC - Incremental Charge--Manual Svc Order - 1st | SOMAC | $70.10 | NA | $54.64 | $93.12 | $50.25 | $68.62 | $69.34 | $92.52 | $53.03 |
| NRC - Incremental Charge--Manual Svc Order - Add'l | SOMAC | $70.10 | NA | $54.64 | $93.12 | $50.25 | $68.62 | $69.34 | $92.52 | $53.03 |
| NRC - Incremental Cost - Manual Svc. Order vs. Elect-Disconnect-1st | SOMAC | $30.09 | NA | $22.77 | NA | $20.94 | $28.59 | $29.76 | NA | $22.95 |
| NRC - Incremental Cost - Manual Svc. Order vs. Elect-Disconnect-Add'l | SOMAC | $30.09 | NA | $22.77 | NA | $20.94 | $28.59 | $29.76 | NA | $22.95 |
| **STS-1 Unbundled Local Loop** | | | | | | | | | | |
| STS-1 Unbundled Local Loop - per mile | 1L5ND | $43.96 | $40.01 | $29.96 | $43.69 | $38.98 | $54.39 | $32.53 | $56.71 | $30.53 |
| STS-1 Unbundled Local Loop- per Facility Termination | UDLS1 | $456.18 | $470.83 | $392.61 | $436.95 | $497.08 | $427.81 | $387.01 | $510.30 | $400.21 |
| NRC - STS-1 - Facility Termination - 1st | UDLS1 | $973.58 | $770.47 | $770.96 | $1,091 | $709.14 | $975.22 | $964.04 | $1,091 | $726.16 |
| NRC - STS-1 - Facility Termination - Add'l | UDLS1 | $547.59 | $436.40 | $437.71 | $661.23 | $402.63 | $549.17 | $542.73 | $654.13 | $411.64 |
| NRC - STS-1 - Facility Termination - Disconnect - 1st | UDLS1 | $132.56 | $108.95 | $111.07 | NA | $102.16 | $134.07 | NA | NA | $103.36 |
| NRC - STS-1 - Facility Termination - Disconnect - Add'l | UDLS1 | $129.07 | $106.01 | $108.14 | NA | $99.46 | $130.59 | NA | NA | $100.59 |
| NRC - STS-1 - Incremental Charge--Manual Svc Order - 1st | SOMAC | $70.10 | NA | $54.64 | $93.12 | $50.25 | $68.62 | $69.34 | $92.52 | $53.03 |
| NRC - STS-1 - Incremental Charge--Manual Svc Order - Add'l | SOMAC | $70.10 | NA | $54.64 | $93.12 | $50.25 | $68.62 | $69.34 | $92.52 | $53.03 |
| NRC - STS-1 - Incremental Cost - Manual Svc. Order vs. Elect-Disconnect-1st | SOMAC | $30.09 | NA | $22.77 | NA | $20.94 | $28.59 | $29.76 | NA | $22.95 |
| NRC - STS-1 - Incremental Cost - Manual Svc. Order vs. Elect-Disconnect-Add'l | SOMAC | $30.09 | NA | $22.77 | NA | $20.94 | $28.59 | $29.76 | NA | $22.95 |
| **Universal Digital Channel (UDC) Loops- Note 3** | | | | | | | | | | |
| Recurring | TBD | $29.03 | $28.07 | $25.43 | $31.99 | $27.36 | $29.83 | $24.98 | $32.47 | $21.64 |
| NRC-1st per circuit | TBD | $406.85 | $295.42 | $308.38 | $616.28 | $298.27 | $401.38 | $400.91 | $498.04 | $217.76 |
| NRC-Add'l - per circuit | TBD | $330.87 | $198.02 | $255.35 | $506.61 | $247.63 | $327.00 | $326.31 | $376.75 | $163.88 |
| NRC- Disconnect Charge -1st | TBD | $108.95 | | | | $74.27 | $108.14 | | | $74.54 |
| NRC- Disconnect Charge -Add'l | TBD | $57.01 | | | | $39.44 | $57.27 | | | $39.14 |
| NRC- Incremental Manual Service Order charge-1st | SOMAN | $27.37 | | $18.94 | | $18.14 | $25.52 | $26.94 | $44.42 | |
| NRC- Incremental Manual Service Order charge- Add'l | SOMAN | $12.97 | | $8.42 | | $8.06 | $11.32 | $12.76 | $13.55 | |
| NRC- Incremental Manual Service Order-Disconnect - 1st | SOMAN | $17.77 | | | | $11.41 | $16.06 | | | |
| 'NRC- Incremental Manual Service Order charge-Disconnect-Add'l | SOMAN | | | | | | | | | |
| **Unbundled Loop Modification - Note 3** | | | | | | | | | | |
| Load Coil/Equipment Removal per pair - Loops up to 18kft | ULM2L | $80.55 | $80.55 | $69.28 | $80.55 | $80.55 | $80.55 | $80.55 | $80.55 | $80.55 |
| Load Coil/Equipment Removal per pair - Loops > 18kft - 1st | ULM2G | $880.08 | $880.08 | $757.04 | $880.08 | $880.08 | $880.08 | $880.08 | $880.08 | $880.08 |
| Load Coil/Equipment Removal per pair - Loops > 18kft - Add'l | ULM2G | $27.30 | $27.30 | $23.49 | $27.30 | $27.30 | $27.30 | $27.30 | $27.30 | $27.30 |
| Bridged Tap Removal per pair unloaded | ULMBT | $121.14 | $121.14 | $79.99 | $121.14 | $121.14 | $121.14 | $121.14 | $121.14 | $121.14 |
| | | | | | | | | | | |
| **Loop Make-Up Service Inquiry - Note 3** | | | | | | | | | | |
| Per Service Inquiry | UMKLP | $233.75 | $233.75 | $233.75 | $233.75 | $233.75 | $233.75 | $233.75 | $233.75 | $233.75 |
| **Unbundled Sub-Loops** | | | | | | | | | | |
| **Sub-Loop Analog** | | | | | | | | | | |
| **Loop Distribution per 2-Wire Analog VG Loop (Including NID), per month** | 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 |

BELLSOUTH/TCI RATES
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|---|---|---|---|---|---|---|---|---|---|---|
| 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 |
| **Loop Distribution per 2-Wire Analog VG Loop (Excluding NID), per month** | 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 |
| **Loop Distribution per 4-Wire Analog VG Loop (Incl NID), per month** | 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 |
| **Sub-Loop-Intrabuilding Network Cable (INC) (riser cable), 2W analog, per month** | 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 |
| **Sub-Loop-Intrabuilding Network Cable (INC) (riser cable), 4W analog, per month** | 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 |
| **Unbundled Network Terminating Wire** | | | | | | | | | | |
| 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 | UENVS | 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 |

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|---|---|---|---|---|---|---|---|---|---|---|
| Manual Service Order, NRC | MOCLA | TBN | $45.00 | $45.00 | $45.00 | TBN | TBN | TBN | TBN | $45.00 |
| **Sub-Loop Concentration - Channelization Sys (Outside CO)** | | | | | | | | | | |
| 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 |
| **TR008 - System A (96 channel capacity - channels 1-96), per month** | 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 |
| **TR008 - System B (96 channel capacity - channels 97-192), per month** | | | $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 |
| **TR303 - System A (96 channel capacity - channels 1-96), per month** | | | $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 |
| **TR303 - System B (96 channel capacity - channels 97-192), per month** | UCT3B | NA | $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 |
| **DS1 Feeder Interface, per month** | UCTFS | NA | $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 |
| **Channel Interface - 2 Wire Voice - Loop Start , per month** | TBD | NA | $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 |
| **Channel Interface - 2 Wire ISDN, per month** | ULCC1 | NA | $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 |
| **Channel Interface - 2 Wire Voice - Ground Start or Reverse Battery, per month** | TBD | NA | $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 |
| **Channel Interface - 4 Wire Voice, per month** | ULCC4 | NA | $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 |
| **Test Circuit, per month** | | NA | $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 |
| **Channel Interface - Digital 56Kbps, per month** | ULCC5 | NA | $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 |
| **Channel Interface - Digital 64Kbps, per month** | ULCC6 | NA | $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 |
| **Loop Concentration System (Inside C.O.)** | | | | | | | | | | |
| 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 |
| **Loop Channelization System - Digital Loop Carrier** | TBD | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| RC - Loop Channelization System - Digital Loop Carrier | TBD | NA | NA | NA | NA | NA | NA | $315.61 | NA | NA |
| NRC- 1st | TBD | NA | NA | NA | NA | NA | NA | $426.48 | NA | NA |
| NRC- Addl | TBD | NA | NA | NA | NA | NA | NA | $103.42 | NA | NA |
| NRC- Incremental Cost - Manaul Service Order- 1st | TBD | NA | NA | NA | NA | NA | NA | $42.19 | NA | NA |
| NRC- Incremental Cost - Manaul Service Order- Addl | TBD | NA | NA | NA | NA | NA | NA | $12.76 | NA | NA |
| **TR008 -System A (96 channel capacity - channels 1-96), per month** | UCT8A | $327.44 | $400.33 | $316.63 | $394.00 | $308.74 | $454.79 | $375.96 | $399.21 | $380.06 |
| NRC - 1st | UCT8A | $1,115.10 | $1,128.75 | $1,111.95 | $1,116.15 | $1,117.20 | $1,115.10 | $1,113.00 | $1,119.30 | $1,114.05 |
| NRC - Add'l | UCT8A | NA | NA | NA | NA | NA | NA | NA | NA | NA |

**BELLSOUTH/TCI RATES**
**NETWORK ELEMENTS**
**AND OTHER SERVICES**

| DESCRIPTION | USOC | AL | FL | GA | KY | LA | MS | NC | SC | TN |
|---|---|---|---|---|---|---|---|---|---|---|
| **TR008 -System B (96 channel capacity - channels 97-192), per month** | UCT8B | $67.41 | $70.48 | $65.27 | $72.21 | $76.58 | $73.30 | $65.98 | $71.91 | $68.71 |
| 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 |
| **TR303 - System A (96 channel capacity - channels 1-96), per month** | UCT3A | $375.18 | $450.24 | $362.87 | $445.14 | $385.97 | $506.70 | $422.68 | $450.13 | $428.73 |
| NRC - 1st | UCT3A | $1,115.10 | $1,128.75 | $1,111.95 | $1,116.15 | $1,117.20 | $1,115.10 | $1,113.00 | $1,119.30 | $1,114.05 |
| NRC - Add'l | UCT3A | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| **TR303 - System B (96 channel capacity - channels 97-192), per month** | UCT3B | $111.30 | $118.76 | $110.02 | $121.45 | $129.05 | $123.52 | $111.17 | $121.16 | $115.79 |
| 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 |
| **DS1 Interface, per month** | UCTCO | $6.42 | $6.47 | $6.15 | $403.20 | $7.35 | $6.99 | $6.27 | $6.79 | $6.49 |
| 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 |
| **Channel Interface - 2 Wire Voice - Loop Start , per month** | TBD | $2.55 | $2.66 | $2.44 | $2.79 | $2.91 | $2.77 | $0.89 | $2.69 | $2.58 |
| NRC 1st | TBD | $35.77 | $36.23 | $35.68 | $35.82 | $35.86 | $35.78 | $35.73 | $35.91 | $35.74 |
| NRC Add'l | TBD | $35.55 | $36.02 | $35.48 | $35.62 | $35.66 | $35.37 | $35.49 | $35.71 | $35.54 |
| **Channel Interface - 2 Wire ISDN, per month** | ULCC1 | $10.19 | $10.67 | $9.76 | $11.18 | $11.66 | $11.10 | $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 |
| **Channel Interface - 2 Wire Voice - Ground Start or Reverse Battery, per month** | TBD | $15.15 | $15.85 | $14.51 | $16.62 | $17.33 | $16.46 | $14.80 | $16.01 | $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 |
| **Channel Interface - 4 Wire Voice, per month** | ULCC4 | $9.04 | $9.44 | $8.65 | $9.91 | $10.34 | $9.83 | $8.82 | $9.55 | $9.13 |
| 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 |
| **Test Circuit, per month** | UCTTC | $44.16 | $46.14 | $42.30 | $48.43 | $50.53 | $47.85 | $43.13 | $46.66 | $44.65 |
| 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** | 1L5DF | $59.84 | $55.35 | $44.22 | $64.64 | $65.29 | $70.35 | $49.88 | $72.45 | $52.67 |
| NRC - Per each four-fiber dark fiber arrangement - 1st | 1L5DF | $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 dark fiber arrangement - Add'l | 1L5DF | $835.08 | $622.68 | $273.69 | $740.93 | $580.11 | $804.32 | $733.08 | $765.30 | $509.09 |

**NOTES:**

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. Effective May 1, 2000 statewide rates will be replaced by Deaveraged Loop Rates by Zone where available. Until approximately December 31, 2000 or until such time that BellSouth billing systems have been developed to handle the new zone rate structure, BellSouth will bill at the Zone 1 Deaveraged Loop rate level only. After December 31, 2000 or such time that the billing systems have been developed to handle the new zone rate structure, BellSouth will begin billing pursuant to CLEC-1's interconnection agreement.
3. All rates are interim and subject to true-up.

| DESCRIPTION | USOC | AL | FL | GA | KY | LA | MS | NC | SC | TN |
|---|---|---|---|---|---|---|---|---|---|---|
| **LOCAL EXCHANGE SWITCHING (PORTS)** | | | | | | | | | | |
| **2-Wire Analog Line Port (Res., Bus.), per month** | | | | | | | | | | |
| 2- wire voice unbundled port - residence | UEPRL | $2.07 | $2.00 - Note 1 | $1.85 - Note 1 | $2.61 - Note 1 | $2.20 | $2.11 | $2.19 | $2.35 | $1.90 - Note 1 |
| 2-wire voice unbundled port with caller ID - residence | UEPRC | $2.07 | $2.00 | $1.85 | $2.61 | $2.20 | $2.11 | $2.00 | $2.35 | $1.90 |
| 2-wire voice unbundled port outgoing only - residence | UEPRO | $2.07 | $2.00 | $1.85 | $2.61 | $2.20 | $2.11 | $2.00 | $2.35 | $1.90 |
| 2-wire voice 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 | NA | $2.00 | NA | NA | NA | NA | NA | NA | NA |
| 2-wire voice unbundled Louisiana Area Plus with caller ID - residence (RUL) | UEPAG | NA | NA | NA | NA | $2.20 | NA | NA | NA | NA |
| 2-wire voice unbundled Louisiana Area Plus with caller ID - residence (AC7) | UEPAH | NA | NA | NA | NA | $2.20 | NA | NA | NA | NA |
| 2-wire voice unbundled South Carolina Area Calling port with Caller ID - residence (LW8) | UEPAJ | NA | NA | NA | NA | NA | NA | NA | $2.35 | NA |
| 2-wire voice unbundled Tennessee Area Calling port with Caller ID - residence (F2R) | UEPAK | NA | NA | NA | NA | NA | NA | NA | NA | $1.90 |
| 2-wire voice unbundled Tennessee Area Calling port with Caller ID - residence (TACER) | UEPAL | NA | NA | NA | NA | NA | NA | NA | NA | $1.90 |
| 2-wire voice unbundled Tennessee Area Calling port with Caller ID - residence (TACSR) | UEPAM | NA | NA | NA | NA | NA | NA | NA | NA | $1.90 |
| 2-wire voice unbundled Tennessee Area Calling port with Caller ID - residence (1MF2X) | UEPAN | NA | NA | NA | NA | NA | NA | NA | NA | $1.90 |
| 2-wire voice unbundled Tennessee Area Calling port with Caller ID - residence (2MR) | UEPAO | NA | NA | NA | NA | NA | NA | NA | NA | $1.90 |
| 2-wire voice unbundled res, low usage line port with Caller ID (LUM) | UEPAP | $2.07 | $2.00 | $1.85 | $2.61 | $2.20 | $2.11 | $2.00 | $2.35 | $1.90 |
| | | | | | | | | | | |
| LOCAL NUMBER PORTABILITY (REQUIRES ONE PER PORT) | LNPCX | | | | | | | | | |
| | | | | | | | | | | |
| 2-wire voice 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 | UEPB1 | $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 | NA | NA | NA | NA | $2.20 | NA | NA | NA | NA |
| 2-wire voice unbundled SC Bus Area Calling Port with Caller ID (LMB) | UEPAB | NA | NA | NA | NA | NA | NA | NA | $2.35 | NA |
| 2-wire voice unbundled TN Bus 2-Way Area Calling Port Economy Option (TACC1) | UEPAC | NA | NA | NA | NA | NA | NA | NA | NA | $1.90 |
| 2-wire voice unbundled TN Bus 2-Way Area Calling Port Standard Option (TACC2) | UEPAD | NA | NA | NA | NA | NA | NA | NA | NA | $1.90 |
| 2-wire voice unbundled TN Bus 2-WAY Collierville and Memphis Local Calling Port (B2F) | UEPAE | NA | NA | NA | NA | NA | NA | NA | NA | $1.90 |
| | | | | | | | | | | |
| LOCAL NUMBER PORTABILITY (REQUIRES ONE PER PORT) | LNPCX | | | | | | | | | |
| | | | | | | | | | | |
| **Non-Recurring Charges (NRC) - 1st (Residence)** | | | | | | | | | | |
| 2- wire voice unbundled port - residence | UEPRL | $21.93 | $38.00 | $17.16 | $37.78 | $16.43 | $22.98 | $21.60 | $24.98 | BST GSST A4.3.1 |
| 2-wire voice unbundled port with caller ID - residence | UEPRC | $21.93 | $38.00 | $17.16 | $37.78 | $16.43 | $22.98 | $24.04 | $24.98 | BST GSST A4.3.1 |
| 2-wire voice unbundled port outgoing only - residence | UEPRO | $21.93 | $38.00 | $17.16 | $37.78 | $16.43 | $22.98 | $24.04 | $24.98 | BST GSST A4.3.1 |
| 2-wire voice unbundled area plus port with caller ID - residence | UEPRM | $21.93 | $38.00 | $17.16 | $37.78 | $16.43 | $22.98 | $24.04 | $24.98 | BST GSST A4.3.1 |
| 2-wire voice unbundled Florida area calling with caller ID - residence | UEPAF | NA | $38.00 | NA | NA | NA | NA | NA | NA | NA |
| 2-wire voice unbundled Louisiana Area Plus with caller ID - residence (RUL) | UEPAG | NA | NA | NA | NA | $16.43 | NA | NA | NA | NA |
| 2-wire voice unbundled Louisiana Area Plus with caller ID - residence (AC7) | UEPAH | NA | NA | NA | NA | $16.43 | NA | NA | NA | NA |

| DESCRIPTION | USOC | AL | FL | GA | KY | LA | MS | NC | SC | TN |
|---|---|---|---|---|---|---|---|---|---|---|
| 2-wire voice unbundled South Carolina Area Calling port with Caller ID - residence (LW8) | UEPAJ | NA | NA | NA | NA | NA | NA | NA | $24.98 | NA |
| 2-wire voice unbundled Tennessee Area Calling port with Caller ID - residence (F2R) | UEPAK | NA | NA | NA | NA | NA | NA | NA | NA | BST GSST A4.3.1 |
| 2-wire voice unbundled Tennessee Area Calling port with Caller ID - residence (TACER) | UEPAL | NA | NA | NA | NA | NA | NA | NA | NA | BST GSST A4.3.1 |
| 2-wire voice unbundled Tennessee Area Calling port with Caller ID - residence (TACSR) | UEPAM | NA | NA | NA | NA | NA | NA | NA | NA | BST GSST A4.3.1 |
| 2-wire voice unbundled Tennessee Area Calling port with Caller ID - residence (1MF2X) | UEPAN | NA | NA | NA | NA | NA | NA | NA | NA | BST GSST A4.3.1 |
| 2-wire voice unbundled Tennessee Area Calling port with Caller ID - residence (2MR) | UEPAO | NA | NA | NA | NA | NA | NA | NA | NA | BST GSST A4.3.1 |
| 2-wire voice unbundled Res Low Usage Line Port with Caller+E563 ID (LUM) | UEPAP | $21.93 | $38.00 | $17.16 | $37.78 | $16.43 | $22.98 | $24.04 | $24.98 | BST GSST A4.3.1 |
| | | | | | | | | | | |
| **NRC - Add'l (Residence)** | | | | | | | | | | |
| 2- wire voice unbundled port - residence - | UEPRL | $21.93 | $15.00 | $17.16 | $37.78 | $16.43 | $22.98 | $21.60 | $24.98 | BST GSST A4.3.1 |
| 2-wire voice unbundled port with caller ID - residence | UEPRC | $21.93 | $15.00 | $17.16 | $37.78 | $16.43 | $22.98 | $9.08 | $24.98 | BST GSST A4.3.1 |
| 2-wire voice unbundled port outgoing only - residence | UEPRO | $21.93 | $15.00 | $17.16 | $37.78 | $16.43 | $22.98 | $9.08 | $24.98 | BST GSST A4.3.1 |
| 2-wire voice unbundled area plus port with caller ID - residence | UEPRM | $21.93 | $15.00 | $17.16 | $37.78 | $16.43 | $22.98 | $9.08 | $24.98 | BST GSST A4.3.1 |
| 2-wire voice unbundled Florida area calling with caller ID - residence | UEPAF | NA | $15.00 | NA | NA | NA | NA | NA | NA | NA |
| 2-wire voice unbundled Louisiana Area Plus with caller ID - residence (RUL) | UEPAG | NA | NA | NA | NA | $16.43 | NA | NA | NA | NA |
| 2-wire voice unbundled Louisiana Area Plus with caller ID - residence (AC7) | UEPAH | NA | NA | NA | NA | $16.43 | NA | NA | NA | NA |
| 2-wire voice unbundled South Carolina Area Calling port with Caller ID - residence (LW8) | UEPAJ | NA | NA | NA | NA | NA | NA | NA | $24.98 | NA |
| 2-wire voice unbundled Tennessee Area Calling port with Caller ID - residence (F2R) | UEPAK | NA | NA | NA | NA | NA | NA | NA | NA | BST GSST A4.3.1 |
| 2-wire voice unbundled Tennessee Area Calling port with Caller ID - residence (TACER) | UEPAL | NA | NA | NA | NA | NA | NA | NA | NA | BST GSST A4.3.1 |
| 2-wire voice unbundled Tennessee Area Calling port with Caller ID - residence (TACSR) | UEPAM | NA | NA | NA | NA | NA | NA | NA | NA | BST GSST A4.3.1 |
| 2-wire voice unbundled Tennessee Area Calling port with Caller ID - residence (1MF2X) | UEPAN | NA | NA | NA | NA | NA | NA | NA | NA | BST GSST A4.3.1 |
| 2-wire voice unbundled Tennessee Area Calling port with Caller ID - residence (2MR) | UEPAO | NA | NA | NA | NA | NA | NA | NA | NA | BST GSST A4.3.1 |
| 2-wire voice unbundled Res Low Usage Line Port with Caller ID (LUM) | UEPAP | $21.93 | $15.00 | $17.16 | $37.78 | $16.43 | $22.98 | $9.08 | $24.98 | BST GSST A4.3.1 |
| | | | | | | | | | | |
| **NRC - 1st (Business)** | | | | | | | | | | |
| 2-wire Voice Unbundled Port without Caller ID | UEPBL | $21.93 | $38.00 | $17.16 | $37.55 | $16.43 | $22.98 | $21.60 | $24.98 | BST GSST A4.3.1 |
| 2-wire voice unbundled port with Caller ID | UEPBC | $21.93 | $38.00 | $17.16 | $37.55 | $16.43 | $22.98 | $24.04 | $24.98 | BST GSST A4.3.1 |
| 2-wire voice unbundled outgoing only port | UEPBO | $21.93 | $38.00 | $17.16 | $37.55 | $16.43 | $22.98 | $24.04 | $24.98 | BST GSST A4.3.1 |
| 2-wire voice unbundled Area Plus Port with Caller ID | UEPBM | $21.93 | $38.00 | $17.16 | $37.55 | $16.43 | $22.98 | $24.04 | $24.98 | BST GSST A4.3.1 |
| 2-wire voice unbundled Incoming only Port with Caller ID | UEPB1 | $21.93 | $38.00 | $17.16 | $37.55 | $16.43 | $22.98 | $24.04 | $24.98 | BST GSST A4.3.1 |
| 2-wire voice unbundled LA Bus Area Calling Port with Caller ID (BUC) | UEPAA | NA | NA | NA | NA | $16.43 | NA | NA | NA | NA |
| 2-wire voice unbundled SC Bus Area Calling Port with Caller ID+E587 (LMB) | UEPAB | NA | NA | NA | NA | NA | NA | NA | $24.98 | NA |

| DESCRIPTION | USOC | AL | FL | GA | KY | LA | MS | NC | SC | TN |
|---|---|---|---|---|---|---|---|---|---|---|
| 2-wire voice unbundled TN Bus 2-way Area Calling Port Economy Option (TACC1) | UEPAC | NA | NA | NA | NA | NA | NA | NA | NA | BST GSST A4.3.1 |
| 2-wire voice unbundled TN Bus 2-way Area Calling Port Standard Option (TACC2) | UEPAD | NA | NA | NA | NA | NA | NA | NA | NA | BST GSST A4.3.1 |
| 2-wire voice unbundled TN Bus 2-way Collierville and Memphis Local Calling Port (B2F) | UEPAE | NA | NA | NA | NA | NA | NA | NA | NA | BST GSST A4.3.1 |
| | | | | | | | | | | BST GSST A4.3.1 |
| **NRC - Add'l (Business)** | UEPBL | $21.93 | $15.00 | $17.16 | $37.55 | $16.43 | $22.98 | $9.08 | $24.98 | BST GSST A4.3.1 |
| 2-wire voice unbundled port without Caller ID | UEPBL | $21.93 | $15.00 | $17.16 | $37.55 | $16.43 | $22.98 | $21.60 | $24.98 | BST GSST A4.3.1 |
| 2-wire voice unbundled port with Caller ID | UEPBC | $21.93 | $15.00 | $17.16 | $37.55 | $16.43 | $22.98 | $9.08 | $24.98 | BST GSST A4.3.1 |
| 2-wire voice unbundled outgoing only port | UEPBO | $21.93 | $15.00 | $17.16 | $37.55 | $16.43 | $22.98 | $9.08 | $24.98 | BST GSST A4.3.1 |
| 2-wire voice unbundled Area Plus Port with Caller ID | UEPBM | $21.93 | $15.00 | $17.16 | $37.55 | $16.43 | $22.98 | $9.08 | $24.98 | BST GSST A4.3.1 |
| 2-wire voice unbundled incoming only port with Caller ID | UEPB1 | $21.93 | $15.00 | $17.16 | $37.55 | $16.43 | $22.98 | $9.08 | $24.98 | BST GSST A4.3.1 |
| 2-wire voice unbundled LA Bus Area Calling Port with Caller ID (BUC) | UEPAA | NA | NA | NA | NA | $16.43 | NA | NA | NA | NA |
| 2-wire voice unbundled SC Bus Area Calling Port with Caller ID (LMB) | UEPAB | NA | NA | NA | NA | NA | NA | NA | $24.98 | NA |
| 2-wire voice unbundled TN Bus 2-way Area Calling Port Economy Option (TACC1) | UEPAC | NA | NA | NA | NA | NA | NA | NA | NA | BST GSST A4.3.1 |
| 2-wire voice unbundled TN Bus 2-way Area Calling Port Standard Option (TACC2) | UEPAD | NA | NA | NA | NA | NA | NA | NA | NA | BST GSST A4.3.1 |
| 2-wire voice unbundled TN Bus 2-way Collierville and Memphis Locall Calling Port (B2F) | UEPAE | NA | NA | NA | NA | NA | NA | NA | NA | BST GSST A4.3.1 |
| | | | | | | | | | | |
| **NRC - Disconnect Charge - 1st** | | | | | | | | | | |
| 2- wire voice unbundled port - residence | | $6.21 | NA | NA | NA | $4.38 | $6.56 | NA | NA | NA |
| 2-wire voice unbundled port with caller ID - residence | | $6.21 | NA | NA | NA | $4.38 | $6.56 | NA | NA | NA |
| 2-wire voice unbundled port outgoing only - residence | | $6.21 | NA | NA | NA | $4.38 | $6.56 | NA | NA | NA |
| 2-wire voice unbundled area plus port with caller ID - residence | | $6.21 | NA | NA | NA | $4.38 | $6.56 | NA | NA | NA |
| 2-wire voice unbundled Florida area calling with caller ID - residence | | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 2-wire voice unbundled Louisiana Area Plus with caller ID - residence (RUL) | | NA | NA | NA | NA | $4.38 | NA | NA | NA | NA |
| 2-wire voice unbundled Louisiana Area Plus with caller ID - residence (AC7) | | NA | NA | NA | NA | $4.38 | NA | NA | NA | NA |
| 2-wire voice unbundled South Carolina Area Calling port with Caller ID - residence (LW8) | | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 2-wire voice unbundled Tennessee Area Calling port with Caller ID - residence (F2R) | | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 2-wire voice unbundled Tennessee Area Calling port with Caller ID - residence (TACER) | | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 2-wire voice unbundled Tennessee Area Calling port with Caller ID - residence (TACSR) | | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 2-wire voice unbundled Tennessee Area Calling port with Caller ID - residence (1MF2X) | | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 2-wire voice unbundled Tennessee Area Calling port with Caller ID - residence (2MR) | | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 2-wire voice unbundled Res Low Usage Line Port with Caller ID (LUM) | | $6.21 | NA | NA | NA | $4.38 | $6.56 | NA | NA | NA |
| | | | | | | | | | | |
| 2-wire voice unbundled port without Caller ID | | $6.21 | NA | NA | NA | $4.38 | $6.56 | NA | NA | NA |
| 2-wire voice unbundled port with Caller ID | | $6.21 | NA | NA | NA | $4.38 | $6.56 | NA | NA | NA |
| 2-wire voice unbundled outgoing only Port | | $6.21 | NA | NA | NA | $4.38 | $6.56 | NA | NA | NA |

| DESCRIPTION | USOC | AL | FL | GA | KY | LA | MS | NC | SC | TN |
|---|---|---|---|---|---|---|---|---|---|---|
| 2-wire voice unbundled Area Plus Port with Caller ID | | $6.21 | NA | NA | NA | $4.38 | $6.56 | NA | NA | NA |
| 2-wire voice unbundled Incoming only Port with Caller ID | | $6.21 | NA | NA | NA | $4.38 | $6.56 | NA | NA | NA |
| 2-wire voice unbundled LA Bus Area Calling Port with Caller ID (BUC) | | NA | NA | NA | NA | $4.38 | NA | NA | NA | NA |
| 2-wire voice unbundles SC Bus Area Calling Port with Caller ID (LMB) | | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 2-wire voice unbundled TN Bus 2-way Area Calling Port Economy Option (TACC1) | | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 2-wire voice unbundled TN Bus 2-way Area Calling Port Standard Option (TACC2) | | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 2-wire voice unbundled TN Bus 2-Way Collierville and Memphis Local Calling Port (B2F) | | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| | | | | | | | | | | |
| **NRC - Disconnect Charge - Add'l** | | | | | | | | | | |
| 2- wire voice unbundled port - residence | | $6.21 | NA | NA | NA | $4.38 | $6.56 | NA | NA | NA |
| 2-wire voice unbundled port with caller ID - residence | | $6.21 | NA | NA | NA | $4.38 | $6.56 | NA | NA | NA |
| 2-wire voice unbundled port outgoing only - residence | | $6.21 | NA | NA | NA | $4.38 | $6.56 | NA | NA | NA |
| 2-wire voice unbundled area plus port with caller ID - residence | | $6.21 | NA | NA | NA | $4.38 | $6.56 | NA | NA | NA |
| 2-wire voice unbundled Florida area calling with caller ID - residence | | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 2-wire voice unbundled Louisiana Area Plus with caller ID - residence (RUL) | | NA | NA | NA | NA | $4.38 | NA | NA | NA | NA |
| 2-wire voice unbundled Louisiana Area Plus with caller ID - residence (AC7) | | NA | NA | NA | NA | $4.38 | NA | NA | NA | NA |
| 2-wire voice unbundled South Carolina Area Calling port with Caller ID - residence (LW8) | | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 2-wire voice unbundled Tennessee Area Calling port with Caller ID - residence (F2R) | | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 2-wire voice unbundled Tennessee Area Calling port with Caller ID - residence (TACER) | | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 2-wire voice unbundled Tennessee Area Calling port with Caller ID - residence (TACSR) | | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 2-wire voice unbundled Tennessee Area Calling port with Caller ID - residence (1MF2X) | | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 2-wire voice unbundled Tennessee Area Calling port with Caller ID - residence (2MR) | | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 2-wire voice unbundled Res Low Usage Line Port with Caller ID (LUM) | | $6.21 | NA | NA | NA | $4.38 | $6.56 | NA | 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 |
| 2-wire voice unbundled outgoing only port | | $6.21 | NA | NA | NA | $4.38 | $6.56 | NA | NA | NA |
| 2-wire voice unbundled Area Plus Port with Caller ID | | $6.21 | NA | NA | NA | $4.38 | $6.56 | NA | NA | NA |
| 2-wire voice unbundled incoming only port with Caller ID | | $6.21 | NA | NA | NA | $4.38 | $6.56 | NA | NA | NA |
| 2-wire voice unbundled LA Bus Area Calling Port with Caller ID (BUC) | | NA | NA | NA | NA | $4.38 | $6.56 | NA | NA | NA |
| 2-wire voice unbundled SC Bus Area Calling Port with Caller ID (LMB) | | NA | NA | NA | NA | $4.38 | NA | NA | NA | NA |
| 2-wire voice unbundled TN Bus 2-way Area Calling Port Economy Option (TACC1) | | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 2-wire voice unbundled TN Bus 2-way Area Calling Port Standard Option (TACC2) | | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 2-wire voice unbundled TN Bus 2-way Collierville and Memphis Local Calling Port (B2F) | | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| | | | | | | | | | | |
| NRC - Incremental Charge - Manual Service Order - 1st | SOMAN | $27.37 | NA | $18.94 | NA | $18.14 | $25.52 | $26.94 | $44.42 | NA |
| NRC - Incremental Charge - Manual Service Order - Add'l | SOMAN | $12.97 | NA | $8.42 | NA | $8.06 | $11.34 | $12.76 | $14.63 | NA |
| NRC - Incremental Charge - Manual Service Order - Disconnect - 1st | SOMAN | $17.77 | NA | NA | NA | $10.39 | $16.06 | NA | NA | NA |
| NRC - Incremental Charge - Manual Service Order - Disconnect - Add'l | SOMAN | $1.44 | NA | NA | NA | NA | NA | NA | NA | NA |
| | | | | | | | | | | |
| **All available features, per month** | UEPVF | $5.55 | NA | NA | NA | $8.28 | $6.75 | NA | $6.29 | NA |
| NRC - 1st (all types) | | $24.72 | NA | NA | NA | NA | $21.42 | NA | $36.24 | NA |

| DESCRIPTION | USOC | AL | FL | GA | KY | LA | MS | NC | SC | TN |
|---|---|---|---|---|---|---|---|---|---|---|
| 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 | $8.69 | $2.28 | NA |
| NRC - 1st | UEP4A | NA | $5.86 | $17.16 | NA | $16.43 | $22.98 | $21.69 | $3.50 | NA |
| NRC - Add'l | UEP4A | NA | $5.86 | $17.16 | NA | $16.43 | $22.98 | $21.69 | $3.50 | NA |
| NRC - Disconnect Charge - 1st | BFR | NA | NA | NA | NA | $3.77 | $6.56 | NA | NA | NA |
| NRC - Disconnect Charge - Add'l | BFR | NA | NA | NA | NA | $3.77 | $6.56 | NA | NA | NA |
| NRC - Incremental Charge - Manual Service Order - 1st | SOMAN | NA | NA | $18.94 | NA | $18.14 | $25.52 | $26.85 | NA | NA |
| NRC - Incremental Charge - Manual Service Order - Add'l | SOMAN | NA | NA | $8.42 | NA | $8.06 | $11.34 | $12.67 | 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 | $12.36 | $12.08 | $12.68 |
| NRC - 1st | UEPP2 | $50.00 | TBD | $61.91 | NA | $59.28 | $83.09 | $81.84 | $50.00 | BST GSST A4.3.1 |
| NRC - Add'l | UEPP2 | $18.00 | TBD | $61.91 | NA | $59.28 | $83.09 | $81.84 | $50.00 | BST GSST A4.3.1 |
| NRC - Disconnect Charge - 1st | UEPP2 | NA | NA | NA | NA | $9.20 | $13.48 | NA | NA | NA |
| NRC - Disconnect Charge - Add'l | UEPP2 | NA | NA | NA | NA | $9.20 | $13.48 | NA | NA | NA |
| NRC - Incremental Charge - Manual Service Order - 1st | SOMAN | NA | NA | $18.94 | NA | $18.14 | $25.52 | $26.94 | NA | NA |
| NRC - Incremental Charge - Manual Service Order - Add'l | SOMAN | NA | NA | $8.42 | NA | $8.06 | $11.34 | $12.76 | NA | NA |
| NRC - Incremental Charge - Manual Service Order - Disconnect - 1st | SOMAN | NA | NA | NA | NA | $10.39 | $16.07 | NA | NA | NA |
| **4-Wire DS1 Port w/DID capability, per month** | UEPDD | $130.23 | $125.00 | $120.80 | NA | $149.27 | $146.46 | $123.65 | $130.23 | $120.00 |
| NRC - 1st | UEPDD | $50.00 | $112.00 | $89.44 | NA | $85.63 | $117.81 | $116.59 | $60.00 | To be negotiated |
| NRC - Add'l | UEPDD | $18.00 | $91.00 | $52.46 | NA | $50.23 | $71.18 | $69.92 | $60.00 | To be negotiated |
| NRC - Disconnect Charge - 1st | UEPDD | NA | NA | NA | NA | $8.82 | $12.94 | NA | NA | NA |
| NRC - Disconnect Charge - Add'l | UEPDD | NA | NA | NA | NA | $8.82 | $12.94 | NA | NA | NA |
| NRC - Incremental Charge - Manual Service Order - 1st | SOMAN | NA | NA | $18.94 | NA | $18.14 | $25.52 | $26.94 | NA | NA |
| NRC - Incremental Charge - Manual Service Order - Add'l | SOMAN | NA | NA | $8.42 | NA | $8.06 | $11.34 | $12.76 | NA | NA |
| NRC - Incremental Charge - Manual Service Order - Disconnect - 1st | SOMAN | NA | NA | NA | NA | $10.39 | $16.06 | NA | NA | NA |
| **2-Wire ISDN Port(2) (3), per month** | U1PMA | $16.42 | $13.00 | $13.47 | $12.33 | $23.33 | $51.91 | $24.50 | $33.74 | $1.90 |
| NRC - 1st | U1PMA | $63.24 | $88.00 | $47.37 | $90.48 | $45.35 | $63.59 | $62.29 | $65.79 | BST GSST A4.3.1 |
| NRC - Add'l | U1PMA | $63.24 | $66.00 | $47.37 | $84.53 | $45.35 | $63.59 | $62.29 | $65.79 | BST GSST A4.3.1 |
| NRC - Disconnect Charge - 1st | U1PMA | $5.69 | NA | NA | NA | $4.31 | $7.04 | NA | NA | NA |
| NRC - Disconnect Charge - Add'l | U1PMA | $5.69 | NA | NA | NA | $4.31 | $7.04 | NA | NA | NA |
| NRC - Incremental Charge - Manual Service Order - 1st | SOMAN | $56.19 | NA | $39.98 | NA | $38.29 | $53.87 | $55.30 | $67.52 | NA |
| NRC - Incremental Charge - Manual Service Order - Add'l | SOMAN | $56.19 | NA | $39.98 | NA | $38.29 | $53.87 | $55.30 | $67.52 | NA |

| DESCRIPTION | USOC | AL | FL | GA | KY | LA | MS | NC | SC | TN |
|---|---|---|---|---|---|---|---|---|---|---|
| NRC - Incremental Charge - Manual Service Order - Disconnect - 1st | SOMAN | $12.97 | NA | NA | NA | $6.65 | $11.34 | NA | NA | NA |
| NRC - Incremental Charge - Manual Service Order - Disconnect - Add'l | SOMAN | $12.97 | NA | NA | NA | $6.65 | $11.34 | NA | NA | NA |
| NRC - User Profile per B Channel **(4)** | U1UMA | NA | NA | NA | $5.61 | NA | NA | NA | NA | NA |
| **2-Wire ISDN Port(2) (3) including all available features, per month** | U1PMA | NA | NA | NA | NA | NA | NA | NA | $38.68 | 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 |
| **2-Wire ISDN Port(2) (3) including three available features, per month** | 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 |
| **4-Wire ISDN DS1 Port, per month** | UEPEX | $186.02 | NA | $163.16 | NA | $194.72 | $213.21 | $179.75 | $214.79 | $308.00 |
| NRC - 1st | UEPEX | $244.85 | NA | $186.80 | NA | $181.89 | $244.12 | $241.63 | $278.37 | To be negotiated |
| NRC - Add'l | UEPEX | $244.85 | NA | $186.80 | NA | $181.89 | $244.12 | $241.63 | $278.37 | To be negotiated |
| NRC - Disconnect Charge - 1st | UEPEX | $51.19 | NA | NA | NA | $27.11 | $53.32 | NA | NA | NA |
| NRC - Disconnect Charge - Add'l | UEPEX | $51.19 | NA | NA | NA | $27.11 | $53.32 | NA | NA | NA |
| NRC - Incremental Charge - Manual Service Order - 1st | SOMAN | $54.75 | NA | $37.88 | NA | $33.18 | $51.03 | $53.89 | $65.48 | NA |
| NRC - Incremental Charge - Manual Service Order - Add'l | SOMAN | $54.75 | NA | $37.88 | NA | $33.18 | $51.03 | $53.89 | $65.48 | NA |
| NRC - Incremental Charge - Manual Service Order - Disconnect - 1st | SOMAN | $11.53 | NA | NA | NA | $7.73 | $8.51 | NA | NA | NA |
| NRC - Incremental Charge - Manual Service Order - Disconnect - Add'l | SOMAN | $11.53 | NA | NA | NA | $7.73 | $8.51 | NA | NA | NA |
| **4-Wire ISDN DS1 Port including all available features, per month** | UEPEX | NA | NA | NA | $275.48 | NA | NA | NA | $251.00 | NA |
| NRC - 1st | UEPEX | NA | NA | NA | $181.27 | NA | NA | NA | $311.73 | NA |
| NRC - Add'l | UEPEX | NA | NA | NA | $116.42 | NA | NA | NA | $311.73 | NA |
| NRC - Incremental Charge - Manual Service Order - 1st | SOMAN | NA | NA | NA | NA | NA | NA | NA | $65.48 | NA |
| NRC - Incremental Charge - Manual Service Order - Add'l | SOMAN | NA | NA | NA | NA | NA | NA | NA | $65.48 | NA |
| **2-Wire Analog Line Port (PBX), per month** | | | | | | | | | | |
| 2 WIRE VOICE UNBUNDLED COMBINATION 2-WAY PBX TRUNK - Residence | UEPRD | $2.07 | $2.00 | $1.85 | $2.61 | $2.20 | $2.11 | $2.18 | $2.35 | $1.90 |
| LINE SIDE UNBUNDLED COMBINATION 2-WAY PBX TRUNK - BUSINESS | UEPPC | $2.07 | $2.00 | $1.85 | $2.61 | $2.20 | $2.11 | $2.00 | $2.35 | $1.90 |
| LINE SIDE UNBUNDLED OUTWARD PBX TRUNK - BUSINESS | UEPPO | $2.07 | $2.00 | $1.85 | $2.61 | $2.20 | $2.11 | $2.00 | $2.35 | $1.90 |
| LINE SIDE UNBUNDLED INCOMING PBX TRUNK - BUSINESS | 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 | NA | NA | NA | NA | NA | NA | NA | NA |
| 2-WIRE VOICE UNBUNDLED 2-WAY COMBINATION PBX LOUISIANA CALLING PORT | UEPL2 | NA | NA | NA | NA | $2.20 | NA | NA | NA | NA |
| 2-WIRE VOICE UNBUNDLED PBX LD TERMINAL PORTS | UEPLD | $2.07 | $2.00 | $1.85 | $2.61 | $2.20 | $2.11 | $2.00 | $2.35 | $1.90 |
| 2-WIRE VOICE UNBUNDLED 2-WAY COMBINATION PBX TENNESSEE CALLING PORT | UEPT2 | NA | NA | NA | NA | NA | NA | NA | NA | $1.90 |
| 2-WIRE VOICE UNBUNDLED 1-WAY OUTGOING PBX TENNESSEE CALLING PORT | UEPTO | NA | NA | NA | NA | NA | NA | NA | NA | $1.90 |
| 2-WIRE VOICE UNBUNDLED 2-WAY COMBINATION PBX USAGE PORT | UEPXA | $2.07 | $2.00 | $1.85 | $2.61 | $2.20 | $2.11 | $2.00 | $2.35 | $1.90 |
| 2-WIRE VOICE UNBUNDLED PBX TOLL TERMINAL 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 |
| 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 | NA | NA | NA | $2.61 | NA | NA | NA | NA | NA |

| DESCRIPTION | USOC | AL | FL | GA | KY | LA | MS | NC | SC | TN |
|---|---|---|---|---|---|---|---|---|---|---|
| 2-WIRE VOICE UNBUNDLED PBX KENTUCKY LUD AREA CALLING PORT | UEPXG | NA | NA | NA | $2.61 | NA | NA | NA | NA | NA |
| 2-WIRE VOICE UNBUNDLED PBX KENTUCKY PREMIUM CALLING PORT | UEPXH | NA | NA | NA | $2.61 | NA | NA | NA | NA | NA |
| 2-WIRE VOICE UNBUNDLED 2-WAY KENTUCKY AREA CALLING PORT WITHOUT LUD | UEPXJ | NA | NA | NA | $2.61 | NA | NA | NA | NA | NA |
| 2-WIRE VOICE UNBUNDLED 2-WAY PBX LOUISIANA LOCAL OPTIONAL CALLING PORT | UEPXK | NA | NA | NA | NA | $2.20 | NA | NA | NA | NA |
| 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 | NA | NA | NA | NA | NA | NA | NA | NA | $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 | NA | NA | NA | NA | $2.20 | NA | NA | NA | NA |
| 2-WIRE VOICE UNBUNDLED 2-WAY PBX MISSISSIPPI LOCAL ECONOMY CALLING PORT | UEPXQ | NA | NA | NA | NA | NA | $2.11 | NA | NA | NA |
| 2-WIRE VOICE UNBUNDLED 2-WAY PBX MISSISSIPPI LOCAL OPTIONAL CALLING PORT | UEPXR | NA | NA | NA | NA | NA | $2.11 | NA | NA | NA |
| 2-WIRE VOICE UNBUNDLED 1-WAY OUTGOING 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 | NA | NA | NA | NA | NA | NA | NA | $2.35 | NA |
| 2-WIRE VOICE UNBUNDLED PBX COLLIERVILLE & MEMPHIS CALLING PORT | UEPXU | NA | NA | NA | NA | NA | NA | NA | NA | $1.90 |
| 2-WIRE VOICE UNBUNDLED 2-WAY PBX TENNESSEE REGIONSERV CALLING PORT | UEPXV | NA | NA | NA | NA | NA | NA | NA | NA | $1.90 |
| | | | | | | | | | | |
| 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 | $21.60 | $24.36 | NA |
| LINE SIDE UNBUNDLED COMBINATION 2-WAY PBX TRUNK - BUSINESS | UEPPC | $21.93 | $38.00 | $17.16 | $36.47 | $16.43 | $22.98 | $24.04 | $24.36 | NA |
| LINE SIDE UNBUNDLED OUTWARD PBX TRUNK - BUSINESS | UEPPO | $21.93 | $38.00 | $17.16 | $36.47 | $16.43 | $22.98 | $24.04 | $24.36 | NA |
| LINE SIDE UNBUNDLED INCOMING PBX TRUNK - BUSINESS | 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 | NA | NA | NA | NA | NA | NA | NA | NA |
| 2-WIRE VOICE UNBUNDLED 2-WAY COMBINATION PBX LOUISIANA CALLING PORT | UEPL2 | NA | NA | NA | NA | $16.43 | NA | NA | NA | NA |
| 2-WIRE VOICE UNBUNDLED PBX LD TERMINAL PORTS | UEPLD | $21.93 | $38.00 | $17.16 | $36.47 | $16.43 | $22.98 | $24.04 | $24.36 | NA |
| 2-WIRE VOICE UNBUNDLED 2-WAY COMBINATION PBX TENNESSEE CALLING PORT | UEPT2 | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 2-WIRE VOICE UNBUNDLED 1-WAY OUTGOING PBX TENNESSEE CALLING PORT | UEPTO | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 2-WIRE VOICE UNBUNDLED 2-WAY COMBINATION PBX USAGE PORT | UEPXA | $21.93 | $38.00 | $17.16 | $36.47 | $16.43 | $22.98 | $24.04 | $24.36 | NA |
| 2-WIRE VOICE UNBUNDLED PBX TOLL TERMINAL HOTEL PORTS | UEPXB | $21.93 | $38.00 | $17.16 | $36.47 | $16.43 | $22.98 | $24.04 | $24.36 | NA |
| 2-WIRE VOICE UNBUNDLED PBX LD DDD TERMINALS PORT | UEPXC | $21.93 | $38.00 | $17.16 | $36.47 | $16.43 | $22.98 | $24.04 | $24.36 | NA |
| 2-WIRE VOICE UNBUNDLED PBX LD TERMINAL SWITCHBOARD PORT | UEPXD | $21.93 | $38.00 | $17.16 | $36.47 | $16.43 | $22.98 | $24.04 | $24.36 | NA |

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

| DESCRIPTION | USOC | AL | FL | GA | KY | LA | MS | NC | SC | TN |
|---|---|---|---|---|---|---|---|---|---|---|
| 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 | NA | NA | NA | $36.47 | NA | NA | NA | NA | NA |
| 2-WIRE VOICE UNBUNDLED PBX KENTUCKY LUD AREA CALLING PORT | UEPXG | NA | NA | NA | $37.47 | NA | NA | NA | NA | NA |
| 2-WIRE VOICE UNBUNDLED PBX KENTUCKY PREMIUM CALLING PORT | UEPXH | NA | NA | NA | $38.47 | NA | NA | NA | NA | NA |
| 2-WIRE VOICE UNBUNDLED 2-WAY KENTUCKY AREA CALLING PORT WITHOUT LUD | UEPXJ | NA | NA | NA | $39.47 | NA | NA | NA | NA | NA |
| 2-WIRE VOICE UNBUNDLED 2-WAY PBX LOUISIANA LOCAL OPTIONAL CALLING PORT | UEPXK | NA | NA | NA | NA | $16.43 | NA | NA | NA | NA |
| 2-WIRE VOICE UNBUNDLED 2-WAY PBX HOTEL/HOSPITAL ECONOMY ADMINISTRATIVE CALLING PORT | UEPXL | $21.93 | $15.00 | $17.16 | $36.47 | $16.43 | $22.98 | $9.05 | $24.36 | NA |
| 2-WIRE VOICE UNBUNDLED 2-WAY PBX HOTEL/HOSPITAL ECONOMY ROOM CALLING PORT | 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 | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 2-WIRE VOICE UNBUNDLED 1-WAY OUTGOING PBX HOTEL/HOSPITAL DIACOUNT ROOM CALLING PORT | UEPXO | $21.93 | $15.00 | $17.16 | $36.47 | $16.43 | $22.98 | $9.05 | $24.36 | NA |
| 2-WIRE VOICE UNBUNDLED 1-WAY OUTGOING PBX LOUISIANA LOCAL DISCOUNT CALLING PORT | UEPXP | NA | NA | NA | NA | $16.43 | NA | NA | NA | NA |
| 2-WIRE VOICE UNBUNDLED 2-WAY PBX MISSISSIPPI LOCAL ECONOMY CALLING PORT | UEPXQ | NA | NA | NA | NA | NA | $22.98 | NA | NA | NA |
| 2-WIRE VOICE UNBUNDLED 2-WAY PBX MISSISSIPPI LOCAL OPTIONAL CALLING PORT | UEPXR | NA | NA | NA | NA | NA | $22.98 | NA | NA | NA |
| 2-WIRE VOICE UNBUNDLED 1-WAY OUTGOING 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 | NA | NA | NA | NA | NA | NA | NA | $24.36 | NA |
| 2-WIRE VOICE UNBUNDLED PBX COLLIERVILLE & MEMPHIS CALLING PORT | UEPXU | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 2-WIRE VOICE UNBUNDLED 2-WAY PBX TENNESSEE REGIONSERV CALLING PORT | UEPXV | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| | | | | | | | | | | |
| **NRC - Disconnect Charge - 1st** | | | | | | | | | | |
| 2 WIRE VOICE UNBUNDLED COMBINATION 2-WAY PBX TRUNK - Residence | | $6.21 | NA | NA | NA | $3.77 | $6.56 | NA | NA | NA |
| LINE SIDE UNBUNDLED COMBINATION 2-WAY PBX TRUNK - BUSINESS | | $6.21 | NA | NA | NA | $3.77 | $6.56 | NA | NA | NA |
| LINE SIDE UNBUNDLED OUTWARD PBX TRUNK - BUSINESS | | $6.21 | NA | NA | NA | $3.77 | $6.56 | NA | NA | NA |
| LINE SIDE UNBUNDLED INCOMING PBX TRUNK - BUSINESS | | $6.21 | NA | NA | NA | $3.77 | $6.56 | NA | NA | NA |
| LONG DISTANCE TERMINAL PBX TRUNK-BUSINESS | | $6.21 | NA | NA | NA | $3.77 | $6.56 | NA | NA | NA |
| TN 2-WAY CALLING PLAN PBX TRUNK - BUSINESS | | $6.21 | NA | NA | NA | $3.77 | $6.56 | NA | NA | NA |
| TN OUTWARD CALLING PLAN PBX TRUNK - BUSINESS | | $6.21 | NA | NA | NA | $3.77 | $6.56 | NA | NA | NA |
| 2-WIRE VOICE UNBUNDLED 2-WAY COMBINATION PBX ALABAMA CALLING PORT | | $6.21 | NA | NA | NA | NA | NA | NA | NA | NA |
| 2-WIRE VOICE UNBUNDLED 2-WAY COMBINATION PBX LOUISIANA CALLING PORT | | NA | NA | NA | NA | $3.77 | NA | NA | NA | NA |
| 2-WIRE VOICE UNBUNDLED PBX LD TERMINAL PORTS | | $6.21 | NA | NA | NA | $3.77 | $6.56 | NA | NA | NA |
| 2-WIRE VOICE UNBUNDLED 2-WAY COMBINATION PBX TENNESSEE CALLING PORT | | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 2-WIRE VOICE UNBUNDLED 1-WAY OUTGOING PBX TENNESSEE CALLING PORT | | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 2-WIRE VOICE UNBUNDLED 2-WAY COMBINATION PBX USAGE PORT | | $6.21 | NA | NA | NA | $3.77 | $6.56 | NA | NA | NA |
| 2-WIRE VOICE UNBUNDLED PBX TOLL TERMINAL HOTEL PORTS | | $6.21 | NA | NA | NA | $3.77 | $6.56 | NA | NA | NA |
| 2-WIRE VOICE UNBUNDLED PBX LD DDD TERMINALS PORT | | $6.21 | NA | NA | NA | $3.77 | $6.56 | NA | NA | NA |
| 2-WIRE VOICE UNBUNDLED PBX LD TERMINAL SWITCHBOARD PORT | | $6.21 | NA | NA | NA | $3.77 | $6.56 | NA | NA | NA |

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

| DESCRIPTION | USOC | AL | FL | GA | KY | LA | MS | NC | SC | TN |
|---|---|---|---|---|---|---|---|---|---|---|
| 2-WIRE VOICE UNBUNDLED PBX LD TERMINAL SWITCHBOARD IDD CAPABLE PORT | | $6.21 | NA | NA | NA | $3.77 | $6.56 | NA | NA | NA |
| 2-WIRE VOICE UNBUNDLED 2-WAY PBX KENTUCKY ROOM AREA CALLING PORT WITHOUT LUD | | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 2-WIRE VOICE UNBUNDLED PBX KENTUCKY LUD AREA CALLING PORT | | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 2-WIRE VOICE UNBUNDLED PBX KENTUCKY PREMIUM CALLING PORT | | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 2-WIRE VOICE UNBUNDLED 2-WAY KENTUCKY AREA CALLING PORT WITHOUT LUD | | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 2-WIRE VOICE UNBUNDLED 2-WAY PBX LOUISIANA LOCAL OPTIONAL CALLING PORT | | NA | NA | NA | NA | $3.77 | NA | NA | NA | NA |
| 2-WIRE VOICE UNBUNDLED 2-WAY PBX HOTEL/HOSPITAL ECONOMY ADMINISTRATIVE CALLING PORT | | $6.21 | NA | NA | NA | $3.77 | $6.56 | NA | NA | NA |
| 2-WIRE VOICE UNBUNDLED 2-WAY PBX HOTEL/HOSPITAL ECONOMY ROOM CALLING PORT | | $6.21 | NA | NA | NA | $3.77 | $6.56 | NA | NA | NA |
| 2-WIRE VOICE UNBUNDLED 1-WAY OUTGOING PBX HOTEL/HOSPITAL ECONOMY ADMINIATRATIVE CALLING PORTTENNESSEE CALLING PORT | | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 2-WIRE VOICE UNBUNDLED 1-WAY OUTGOING PBX HOTEL/HOSPITAL DIACOUNT ROOM CALLING PORT | | $6.21 | NA | NA | NA | $3.77 | $6.56 | NA | NA | NA |
| 2-WIRE VOICE UNBUNDLED 1-WAY OUTGOING PBX LOUISIANA LOCAL DISCOUNT CALLING PORT | | $6.21 | NA | NA | NA | $3.77 | $6.56 | NA | NA | NA |
| 2-WIRE VOICE UNBUNDLED 2-WAY PBX MISSISSIPPI LOCAL ECONOMY CALLING PORT | | NA | NA | NA | NA | NA | $6.56 | NA | NA | NA |
| 2-WIRE VOICE UNBUNDLED 2-WAY PBX MISSISSIPPI LOCAL OPTIONAL CALLING PORT | | NA | NA | NA | NA | NA | $6.56 | NA | NA | NA |
| 2-WIRE VOICE UNBUNDLED 1-WAY OUTGOING 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 | | | | | | | | | | |
| 2-WIRE VOICE UNBUNDLED PBX COLLIERVILLE & MEMPHIS CALLING PORT | | | | | | | | | | |
| 2-WIRE VOICE UNBUNDLED 2-WAY PBX TENNESSEE REGIONSERV CALLING PORT | | $6.21 | NA | NA | NA | $3.77 | $6.56 | NA | NA | NA |
| | | $6.21 | NA | NA | NA | $3.77 | $6.56 | NA | NA | NA |
| NRC - Incremental Charge - Manual Service Order - 1st | | $6.21 | NA | NA | NA | $3.77 | $6.56 | NA | NA | NA |
| NRC - Incremental Charge - Manual Service Order - Add'l | | $6.21 | NA | NA | NA | $3.77 | $6.56 | NA | NA | NA |
| NRC - Incremental Charge - Manual Service Order - Disconnect - 1st | | $6.21 | NA | NA | NA | $3.77 | $6.56 | NA | NA | NA |
| NRC - Incremental Charge - Manual Service Order - Disconnect - Add'l | | $6.21 | NA | NA | NA | $3.77 | $6.56 | NA | NA | NA |
| | | $6.21 | NA | NA | NA | $3.77 | $6.56 | NA | NA | 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 |

| DESCRIPTION | USOC | AL | FL | GA | KY | LA | MS | NC | SC | TN |
|---|---|---|---|---|---|---|---|---|---|---|
| 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 |
| | | | | | | | | | | |
| **4- Wire Coin Port, per month** | | NA | NA | NA | NA | NA | NA | $2.59 | NA | NA |
| NRC - 1st | | NA | NA | NA | NA | NA | NA | $21.60 | NA | NA |
| NRC - Add'l | | NA | NA | NA | NA | NA | NA | $21.60 | NA | NA |
| NRC - Disconnect Charge - 1st | | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| NRC - Disconnect Charge - Add'l | | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| NRC - Incremental Charge - Manual Service Order - 1st | | NA | NA | NA | NA | NA | NA | $26.94 | NA | NA |
| NRC - Incremental Charge - Manual Service Order - Add'l | | NA | NA | NA | NA | NA | NA | $12.76 | NA | NA |
| NRC - Incremental Charge - Manual Service Order - Disconnect - 1st | | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| NRC - Incremental Charge - Manual Service Order - Disconnect - Add'l | | NA | 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 | $0.89 | $1.10 | NA |
| NRC | | $1.03 | NA | NA | NA | NA | $1.02 | $1.51 | $1.51 | NA |
| NRC - Disconnect | | $0.55 | NA | NA | NA | NA | $0.5466 | NA | NA | NA |
| **Customer Changeable Speed Calling, per month** | | $0.08 | NA | NA | NA | NA | $0.0755 | $0.17 | $0.1247 | NA |
| NRC | | $1.03 | NA | NA | NA | NA | $1.02 | $1.51 | $1.51 | NA |
| NRC - Disconnect | | $0.55 | NA | NA | NA | NA | $0.5466 | NA | NA | NA |
| **Call Waiting** | | $0.03 | NA | NA | NA | NA | $0.033 | $0.09 | $0.0665 | NA |
| NRC | | $1.03 | NA | NA | NA | NA | $1.02 | $1.51 | $1.51 | NA |
| NRC - Disconnect | | $0.55 | NA | NA | NA | NA | $0.5466 | NA | NA | NA |
| **Remote Activation of Call Fordwarding, per month** | | $0.18 | NA | NA | NA | NA | $0.4859 | $0.85 | $0.3743 | NA |
| NRC | | $1.03 | NA | NA | NA | NA | $1.02 | $1.51 | $1.51 | NA |
| NRC - Disconnect | | $0.55 | NA | NA | NA | NA | $0.5466 | NA | NA | NA |
| **Cancel Call Waiting, per month** | | $0.01 | NA | NA | NA | NA | $0.0082 | $0.01 | $0.0099 | NA |
| NRC | | $1.03 | NA | NA | NA | NA | $1.02 | $1.51 | $1.51 | NA |
| NRC - Disconnect | | $0.55 | NA | NA | NA | NA | $0.5466 | NA | NA | NA |
| **Automatic Callback, per month** | | $0.29 | NA | NA | NA | NA | $0.9977 | $0.66 | $0.8015 | NA |
| NRC | | $1.03 | NA | NA | NA | NA | $1.02 | $1.51 | $1.51 | NA |
| NRC - Disconnect | | $0.55 | NA | NA | NA | NA | $0.5466 | NA | NA | NA |
| **Automatic Recall, per month** | | $0.28 | NA | NA | NA | NA | $0.3164 | $0.29 | $0.3102 | NA |
| NRC | | $1.03 | NA | NA | NA | NA | $1.02 | $1.51 | $1.51 | NA |
| NRC - Disconnect | | $0.55 | NA | NA | NA | NA | $0.5466 | NA | NA | NA |
| **Calling Number Delivery, per month** | | $0.22 | NA | NA | NA | NA | $0.1817 | $0.33 | $0.3272 | NA |
| NRC | | $1.03 | NA | NA | NA | NA | $1.02 | $1.51 | $1.51 | NA |
| NRC - Disconnect | | $0.55 | NA | NA | NA | NA | $0.5466 | NA | NA | NA |
| **Calling Number Delivery Blocking, per month** | | $1.17 | NA | NA | NA | NA | $0.9913 | $0.02 | $0.3684 | NA |
| NRC | | $1.03 | NA | NA | NA | NA | $1.02 | $1.51 | $1.51 | NA |
| NRC - Disconnect | | $0.55 | NA | NA | NA | NA | $0.5466 | NA | NA | NA |
| **Customer Originated Trace, per month** | | $0.14 | NA | NA | NA | NA | $0.1918 | $0.14 | $0.1402 | NA |
| NRC | | $1.03 | NA | NA | NA | NA | $1.02 | $1.51 | $1.51 | NA |
| NRC - Disconnect | | $0.55 | NA | NA | NA | NA | $0.5466 | NA | NA | NA |
| **Selective Call Rejection, per month** | | $0.13 | NA | NA | NA | NA | $0.1721 | $0.13 | $0.1528 | NA |
| NRC | | $1.03 | NA | NA | NA | NA | $1.02 | $1.51 | $1.51 | NA |
| NRC - Disconnect | | $0.55 | NA | NA | NA | NA | $0.5466 | NA | NA | NA |
| **Selective Call Forwarding, per month** | | $0.05 | NA | NA | NA | NA | $0.1050 | $0.28 | $0.1287 | NA |

| DESCRIPTION | USOC | AL | FL | GA | KY | LA | MS | NC | SC | TN |
|---|---|---|---|---|---|---|---|---|---|---|
| NRC | | $1.03 | NA | NA | NA | NA | $1.02 | $1.51 | $1.51 | NA |
| NRC - Disconnect | | $0.55 | NA | NA | NA | NA | $0.5466 | NA | NA | NA |
| **Selective Call Acceptance, per month** | | $0.29 | NA | NA | NA | NA | $0.4010 | $0.33 | $0.3283 | NA |
| NRC | | $1.03 | NA | NA | NA | NA | $1.02 | $1.51 | $1.51 | NA |
| NRC - Disconnect | | $0.55 | NA | NA | NA | NA | $0.5466 | NA | NA | NA |
| **Multiline Hunt Service (Rotary)** | | | | | | | | | | |
| **Service per line, (in addition to port) , per month** | | $0.11 | NA | NA | NA | NA | $0.1271 | $0.14 | $0.1301 | NA |
| NRC | | $1.03 | NA | NA | NA | NA | $1.02 | $1.51 | $1.51 | NA |
| NRC - Disconnect | | $0.55 | NA | NA | NA | NA | $0.5466 | NA | NA | NA |
| **Call Forwarding Variable, per month** | | $0.05 | NA | NA | NA | NA | $0.0474 | $0.10 | $0.0768 | NA |
| NRC | | $1.03 | NA | NA | NA | NA | $1.02 | $1.51 | $1.51 | NA |
| NRC - Disconnect | | $0.55 | NA | NA | NA | NA | $0.5466 | NA | NA | NA |
| **Call Forwarding Busy Line, per month** | | $0.03 | NA | NA | NA | NA | $0.0279 | $0.08 | $0.0603 | NA |
| NRC | | $1.03 | NA | NA | NA | NA | $1.02 | $1.51 | $1.51 | NA |
| NRC - Disconnect | | $0.55 | NA | NA | NA | NA | $0.5466 | NA | NA | NA |
| **Call Forwarding Don't Answer All Calls, per month** | | $0.03 | NA | NA | NA | NA | $0.0308 | $0.09 | $0.0655 | NA |
| NRC | | $1.03 | NA | NA | NA | NA | $1.02 | $1.51 | $1.51 | NA |
| NRC - Disconnect | | $0.55 | NA | NA | NA | NA | $0.5466 | NA | NA | NA |
| **Remote Call Forwarding, per month** | | $1.36 | NA | NA | NA | NA | $1.47 | $0.95 | $1.41 | NA |
| NRC | | $1.03 | NA | NA | NA | NA | $1.02 | $1.51 | $1.51 | NA |
| NRC - Disconnect | | $0.55 | NA | NA | NA | NA | $0.5466 | NA | NA | NA |
| **Call Transfer, per month** | | $0.12 | NA | NA | NA | NA | $0.1404 | $0.14 | $0.1392 | NA |
| NRC | | $1.03 | NA | NA | NA | NA | $1.02 | $1.51 | $1.51 | NA |
| NRC - Disconnect | | $0.55 | NA | NA | NA | NA | $0.5466 | NA | NA | NA |
| **Call Hold, per month** | | $0.03 | NA | NA | NA | NA | $0.0190 | $0.15 | $0.0677 | NA |
| NRC | | $1.03 | NA | NA | NA | NA | $1.02 | $1.51 | $1.51 | NA |
| NRC – Disconnect | | $0.55 | NA | NA | NA | NA | $0.5466 | NA | NA | NA |
| **Toll Restricted Service, per month** | | $0.04 | NA | NA | NA | NA | $0.0387 | $0.10 | $0.0743 | NA |
| NRC | | $1.03 | NA | NA | NA | NA | $1.02 | $1.51 | $1.51 | NA |
| NRC - Disconnect | | $0.55 | NA | NA | NA | NA | $0.5466 | NA | NA | NA |
| **Message Waiting Indicator – Stutter Dial Tone, per month** | | $0.03 | NA | NA | NA | NA | $0.0356 | $0.03 | $0.0318 | NA |
| NRC | | $1.03 | NA | NA | NA | NA | $1.02 | $1.51 | $1.51 | NA |
| NRC - Disconnect | | $0.55 | NA | NA | NA | NA | $0.5466 | NA | NA | NA |
| **Anonymous Call Rejection, per month** | | $0.93 | NA | NA | NA | NA | $0.9519 | $1.29 | $1.13 | NA |
| NRC | | $1.03 | NA | NA | NA | NA | $1.02 | $1.51 | $1.51 | NA |
| NRC - Disconnect | | $0.55 | NA | NA | NA | NA | $0.5466 | NA | NA | NA |
| **Shared Call Appearances of a DN, per month** | | $0.41 | NA | NA | NA | NA | $0.5015 | $0.29 | $0.3513 | NA |
| NRC | | $1.03 | NA | NA | NA | NA | $1.02 | $1.47 | $1.47 | NA |
| NRC - Disconnect | | $0.55 | NA | NA | NA | NA | $0.5466 | NA | NA | NA |
| **Multiple Call Appearances, per month** | | $0.09 | NA | NA | NA | NA | $0.0932 | $0.07 | $0.0891 | NA |
| NRC | | $1.03 | NA | NA | NA | NA | $1.02 | $1.47 | $1.47 | NA |
| NRC - Disconnect | | $0.55 | NA | NA | NA | NA | $0.5466 | NA | NA | NA |
| **ISDN Bridged Call Exclusion, per month** | | $0.00 | NA | NA | NA | NA | $0.0013 | $0.0011 | $0.0013 | NA |
| NRC | | $1.03 | NA | NA | NA | NA | $1.02 | $1.47 | $1.47 | NA |
| NRC - Disconnect | | $0.55 | NA | NA | NA | NA | $0.5466 | NA | NA | NA |
| **Call by Call Access, per month** | | $28.29 | NA | NA | NA | NA | $50.89 | $19.83 | $0.3621 | NA |
| NRC | | $28.94 | NA | NA | NA | NA | $28.61 | $33.33 | $33.36 | NA |
| NRC - Disconnect | | $5.22 | NA | NA | NA | NA | $5.16 | NA | NA | NA |
| **Privacy Release, per month** | | $0.01 | NA | NA | NA | NA | $0.0030 | $0.0041 | $0.0116 | NA |
| NRC | | $1.03 | NA | NA | NA | NA | $1.02 | $1.51 | $1.51 | NA |
| NRC - Disconnect | | $0.55 | NA | NA | NA | NA | $0.5466 | NA | NA | NA |
| **Multi Appearance Directory Number Calls, per month** | | $0.10 | NA | NA | NA | NA | $0.1115 | $0.13 | $0.1048 | NA |
| NRC | | $1.03 | NA | NA | NA | NA | $1.02 | $1.51 | $1.51 | NA |
| NRC - Disconnect | | $0.55 | NA | NA | NA | NA | $0.5466 | NA | NA | NA |

| DESCRIPTION | USOC | AL | FL | GA | KY | LA | MS | NC | SC | TN |
|---|---|---|---|---|---|---|---|---|---|---|
| **Make Set Busy, per month** | | $0.01 | NA | NA | NA | NA | $0.0013 | $0.0020 | $0.0101 | NA |
| NRC | | $1.03 | NA | NA | NA | NA | $1.02 | $1.51 | $1.51 | NA |
| NRC - Disconnect | | $0.55 | NA | NA | NA | NA | $0.5466 | NA | NA | NA |
| **Teen Service (Res. Dist. Alerting Service), per month** | | $0.15 | NA | NA | NA | NA | $0.1071 | $0.26 | $0.2149 | NA |
| NRC | | $1.03 | NA | NA | NA | NA | $1.02 | $1.51 | $1.51 | NA |
| NRC - Disconnect | | $0.55 | NA | NA | NA | NA | $0.5466 | NA | NA | NA |
| **Code Restriction and Diversion, per month** | | $0.04 | NA | NA | NA | NA | $0.0464 | $0.09 | $0.0708 | NA |
| NRC | | $1.03 | NA | NA | NA | NA | $1.02 | $1.51 | $1.51 | NA |
| NRC - Disconnect | | $0.55 | NA | NA | NA | NA | $0.5466 | NA | NA | NA |
| **Call Park, per month** | | $0.04 | NA | NA | NA | NA | $0.0443 | $0.09 | $0.0694 | NA |
| NRC | | $1.03 | NA | NA | NA | NA | $1.02 | $1.51 | $1.51 | NA |
| NRC - Disconnect | | $0.55 | NA | NA | NA | NA | $0.5466 | NA | NA | NA |
| **Automatic Line, per month** | | $0.09 | NA | NA | NA | NA | $0.1111 | $0.14 | $0.1179 | NA |
| NRC | | $1.03 | NA | NA | NA | NA | $1.02 | $1.51 | $1.51 | NA |
| NRC - Disconnect | | $0.55 | NA | NA | NA | NA | $0.5466 | NA | NA | NA |
| | | | | | | | | | | |
| **2-WIRE ISDN BRI FEATURES** | | | | | | | | | | |
| Shared Primary Number-First Appr On Each Add'l Terminal | DS1FJ | TBD | TBD | TBD | TBD | TBD | TBD | TBD | TBD | TBD |
| Secondary Only Dn (Shared/Non-Shared) First Appearance | LLDSF | TBD | TBD | TBD | TBD | TBD | TBD | TBD | TBD | TBD |
| Shared Secondary Only 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 | LLOCD | TBD | TBD | TBD | TBD | TBD | TBD | TBD | TBD | TBD |
| Call Forwarding Variable – Feature Button – Voice | GJXCF | TBD | TBD | TBD | TBD | TBD | TBD | TBD | TBD | TBD |
| Call Forwarding Variable – Feature Button – Data | LLPCD | TBD | TBD | TBD | TBD | TBD | TBD | TBD | TBD | TBD |
| 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 |
| Call Forwarding Don't Answer – Data | LLUCD | TBD | TBD | TBD | TBD | TBD | TBD | TBD | TBD | TBD |
| Call Forwdng Don't Answer–Prgrmmble 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 Frwdng Multiple Simultaneous – Voice Or Voice/Data | M6CV5 | TBD | TBD | TBD | TBD | TBD | TBD | TBD | TBD | TBD |
| Call Forwarding Multiple Simultaneous – Data | M6CD5 | TBD | TBD | TBD | TBD | TBD | TBD | TBD | TBD | TBD |
| Conference, Drop, Hold And Transfer | DS1FN | TBD | TBD | TBD | TBD | TBD | TBD | TBD | TBD | TBD |
| Six-Way Conference, Drop, Hold And Transfer | LLY6P | TBD | TBD | TBD | TBD | TBD | TBD | TBD | TBD | TBD |
| Multi-Line Hunt Group – Voice Or Voice/Data | HTG | TBD | TBD | TBD | TBD | TBD | TBD | TBD | TBD | TBD |
| Multi-Line Hunt Group – Data | HTGSD | TBD | TBD | TBD | TBD | TBD | TBD | TBD | TBD | TBD |
| Speed Calling | LLZSU | TBD | TBD | TBD | TBD | TBD | TBD | TBD | TBD | TBD |
| Visual Message Waiting Indicator | LLAVP | TBD | TBD | TBD | TBD | TBD | TBD | TBD | TBD | TBD |
| Audible Message Waiting Indicator | MWW | TBD | TBD | TBD | TBD | TBD | TBD | TBD | TBD | TBD |
| Additional Call Appearance, PDN Or DN | DS1FG | TBD | TBD | TBD | TBD | TBD | TBD | TBD | TBD | TBD |
| Call Tracing | NST | TBD | TBD | TBD | TBD | TBD | TBD | TBD | TBD | TBD |
| Call Return | NSS | TBD | TBD | TBD | TBD | TBD | TBD | TBD | TBD | TBD |
| Preferred Call Forwarding | NCE | TBD | TBD | TBD | TBD | TBD | TBD | TBD | TBD | TBD |
| Call Block | NSY | TBD | TBD | TBD | TBD | TBD | TBD | TBD | TBD | TBD |
| Repeat Dialing | NSQ | TBD | TBD | TBD | TBD | TBD | TBD | TBD | TBD | TBD |
| Per Line Blocking For Agencies/Law Enforcement | NOB | TBD | TBD | TBD | TBD | TBD | TBD | TBD | TBD | TBD |
| Per Line Blocking For Non-Pub Customers | NOBNN | TBD | TBD | TBD | TBD | TBD | TBD | TBD | TBD | TBD |
| Per Line Blocking For General Public | NOBPC | TBD | TBD | TBD | TBD | TBD | TBD | TBD | TBD | TBD |
| Per Line Blocking For Non-Pub, And Non-Listed Customer | NOBPP | TBD | TBD | TBD | TBD | TBD | TBD | TBD | TBD | TBD |
| Per Line Blocking For Non-Pub Customers | NOBNP | TBD | TBD | TBD | TBD | TBD | TBD | TBD | TBD | TBD |
| Per Line Blocking For Non-Pub Customers | NOBNR | TBD | TBD | TBD | TBD | TBD | TBD | TBD | TBD | TBD |

| DESCRIPTION | USOC | AL | FL | GA | KY | LA | MS | NC | SC | TN |
|---|---|---|---|---|---|---|---|---|---|---|
| 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 | $0.0107 | $0.0138 | NA |
| NRC | | $1.03 | NA | NA | NA | NA | $1.02 | $1.47 | $1.47 | NA |
| NRC - Disconnect | | $0.55 | NA | NA | NA | NA | $0.5466 | NA | NA | NA |
| **ISDN Feature Function Buttons** | | NA | NA | NA | NA | NA | NA | NA | | |
| NRC | | $1.03 | NA | NA | NA | NA | $1.02 | $1.51 | $1.51 | NA |
| NRC - Disconnect | | $0.55 | NA | NA | NA | NA | $0.5466 | NA | NA | NA |
| **Subsequent Ordering Charge – (per order, per line)** | | NA | NA | NA | NA | NA | NA | NA | | |
| NRC - Electronic - 1st | | $2.88 | NA | NA | NA | NA | $2.84 | $5.42 | $1.36 | NA |
| NRC - Electronic - Add'l | | $0.96 | NA | NA | NA | NA | $0.95 | $0.95 | $0.71 | NA |
| NRC - Manual - 1st | | $4.80 | NA | NA | NA | NA | $4.73 | $1.89 | $7.35 | NA |
| NRC - Manual - Add'l | | $0.96 | NA | NA | NA | NA | $0.95 | NA | $0.95 | NA |
| NRC - Disconnect | | $2.88 | NA | NA | NA | NA | $2.84 | NA | NA | NA |
| | | | | | | | | | | |
| **End Office Switching (Port Usage)** | | | | | | | | | | |
| End Office Switching Function, per mou | N/A | $0.0018 | $0.0175 | $0.0016333 | $0.002562 | $0.0021 | $0.0023771 | $0.0017000 | $0.0019295 | $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 |
| | | | | | | | | | | |
| **Tandem Switching (Port Usage) (Local or Access Tandem)** | | | | | | | | | | |
| Tandem Switching Function per mou | N/A | $0.00063 | $0.00029 | $0.0006757 | $0.001096 | $0.0008 | $0.0007834 | $0.0009 | $0.0006843 | $0.000676 |
| Tandem Interoffice Trunk Port - Shared per mou | | | NA | $0.0002126 | NA | $0.0003 | $0.0002834 | NA | $0.0004034 | NA |

**NOTES:**

1. Port rate includes all available features.
2. Transmission/usage charges associated with POTS circuit switched usage will also apply to circuit switched voice and/or circuit switched data transmission by B-Channels associated with 2-wire ISDN ports.
3. Access to B Channel or D Channel Packet capabilities will be avail- able only through BFR/New Business Request Process. Rates for the packet capabilities will be determined via the Bona Fide Request/New Business Request Process.
4. This rate element is for those states which have a specific rate for User Profile per B Channel.
5. This rate element is for use in those states with a different rate for additional minutes of use.

BELLSOUTH/TCI RATES
NETWORK ELEMENTS
AND OTHER SERVICES
TRANSPORT

| DESCRIPTION | USOC | AL | FL | GA | KY | LA | MS | NC | SC | TN |
|---|---|---|---|---|---|---|---|---|---|---|
| **UNBUNDLED DEDICATED TRANSPORT - Local Channel** | | | | | | | | | | |
| **Local Channel - Dedicated - 2-Wire VG** | | | | | | | | | | |
| Monthly Recurring per month | ULDV2 | $14.61 | $26.31 | $13.91 | $22.26 | $14.94 | $17.83 | $14.83 | $16.83 | $19.02 |
| NRC - 2-wire VG - 1st | ULDV2 | $494.65 | $389.37 | $382.95 | $585.15 | $347.49 | $487.62 | $553.80 | $554.00 | $199.33 |
| NRC - 2-wire VG -Add'l | ULDV2 | $88.44 | $66.88 | $62.40 | $98.53 | $59.75 | $84.35 | $89.69 | $88.58 | $24.16 |
| NRC - 2-Wire VG - Disconnect Chg - 1st | ULDV2 | $77.81 | $68.45 | NA | NA | $53.68 | $77.69 | NA | NA | $54.81 |
| NRC - 2-Wire VG - Disconnect Chg - Add'l | ULDV2 | $7.63 | $5.97 | NA | NA | $6.60 | $8.95 | NA | NA | $4.80 |
| NRC - Manual Svc Order, per LSR | SOMAN | NA | $21.73 | NA | $19.99 | NA | NA | NA | NA | $19.99 |
| NRC - Manual Svc Order, per LSR disconnect | SOMAN | NA | $3.87 | NA | NA | NA | NA | NA | NA | NA |
| NRC - Electronic Svc Order, per LSR | SOMEC | $3.50 | $2.77 | $3.50 | $3.50 | $3.50 | $3.50 | $3.50 | $3.50 | $3.50 |
| NRC - Electronic Svc Order, per LSR disconnect | SOMEC | NA | $0.43 | NA | NA | NA | NA | NA | NA | NA |
| NRC - 2-Wire VG - Incremental Charge--Manual Svc Order - 1st | SOMAN | $27.37 | NA | $18.94 | $41.46 | $18.14 | $25.50 | $42.17 | $43.75 | NA |
| NRC - 2-Wire VG - Incremental Charge--Manual Svc Order - Add'l | SOMAN | $18.37 | NA | $8.42 | $11.99 | $8.06 | $11.34 | $12.76 | $13.55 | NA |
| NRC - 2-Wire VG - Incremental Charge--Manual Svc Order-Disconnect | SOMAN | $17.75 | NA | NA | NA | $11.40 | $16.05 | NA | NA | NA |
| | | | | | | | | | | |
| **Local Channel - Dedicated - 4-Wire VG** | | | | | | | | | | |
| Monthly Recurring per month | ULDV4 | $15.77 | $27.48 | $14.99 | $23.38 | $16.21 | $19.03 | $15.87 | $18.05 | $20.14 |
| NRC - 4-Wire VG - 1st | ULDV4 | $502.43 | $390.25 | $368.44 | $585.15 | $352.75 | $495.25 | $562.23 | $562.46 | $201.53 |
| NRC - 4-Wire VG - Add'l | ULDV4 | $86.68 | $67.75 | $64.05 | $98.53 | $61.33 | $86.56 | $92.67 | $91.57 | $24.83 |
| NRC - 4-Wire VG - Disconnect Chg - 1st | ULDV4 | $78.71 | $69.32 | NA | NA | $54.36 | $78.58 | NA | NA | $55.52 |
| NRC - 4-Wire VG - Disconnect Chg - Add'l | ULDV4 | $8.53 | $6.85 | NA | NA | $7.28 | $9.84 | NA | NA | $5.51 |
| NRC - Manual Svc Order, per LSR | SOMAN | NA | $21.73 | NA | $19.99 | NA | NA | NA | NA | $19.99 |
| NRC - Manual Svc Order, per LSR disconnect | SOMAN | NA | $3.87 | NA | NA | NA | NA | NA | NA | NA |
| NRC - Electronic Svc Order, per LSR | SOMEC | NA | $2.77 | $3.50 | $3.50 | $3.50 | $3.50 | $3.50 | $3.50 | $3.50 |
| NRC - Electronic Svc Order, per LSR disconnect | SOMEC | $3.50 | $0.43 | NA | NA | NA | NA | NA | NA | NA |
| NRC - 4-Wire VG - Incremental Charge--Manual Svc Order - 1st | SOMAN | $27.37 | NA | $18.94 | $41.46 | $18.14 | $25.52 | $42.17 | $43.64 | NA |
| NRC - 4-Wire VG - Incremental Charge--Manual Svc Order - Add'l | SOMAN | $18.73 | NA | $8.42 | $11.99 | $8.06 | $11.34 | $12.76 | $13.55 | NA |
| NRC - 4-Wire VG - Incremental Charge--Manual Svc Order-Disconnect | SOMAN | $17.75 | NA | NA | NA | $11.40 | $17.25 | NA | NA | NA |
| | | | | | | | | | | |
| **Local Channel - Dedicated - DS1** | | | | | | | | | | |
| DS1 per month | ULDF1 | $35.52 | $42.98 | $38.36 | $43.80 | $43.80 | $38.91 | $35.68 | $37.20 | $40.27 |
| NRC - DS1 - 1st | ULDF1 | $503.57 | $357.86 | $356.15 | $538.95 | $348.56 | $494.83 | $534.48 | $534.81 | $277.35 |
| NRC - DS1 - Add'l | ULDF1 | $442.84 | $309.95 | $312.89 | $464.94 | $300.30 | $435.28 | $462.69 | $462.81 | $233.26 |
| NRC - DS1 - Disconnect Chg - 1st | ULDF1 | $46.28 | $41.46 | NA | NA | $24.15 | $46.85 | NA | NA | $33.18 |
| NRC - DS1 - Disconnect Chg - Add'l | ULDF1 | $32.18 | $28.51 | NA | NA | $21.31 | $33.02 | NA | NA | $22.30 |
| NRC - Manual Svc Order, per LSR | SOMAN | NA | $21.73 | NA | $19.99 | NA | NA | NA | NA | $19.99 |
| NRC - Manual Svc Order, per LSR disconnect | SOMAN | NA | $3.87 | NA | NA | NA | NA | NA | NA | NA |
| NRC - Electronic Svc Order, per LSR | SOMEC | $3.50 | $2.77 | $3.50 | $3.50 | $3.50 | $3.50 | $3.50 | $3.50 | $3.50 |
| NRC - Electronic Svc Order, per LSR disconnect | SOMEC | NA | $0.43 | NA | NA | NA | NA | NA | NA | NA |
| NRC - DS1 - Incremental Charge--Manual Svc Order - 1st | SOMAN | $61.95 | NA | $44.22 | $87.71 | $42.34 | $59.58 | $86.15 | $87.99 | NA |
| NRC - DS1 - Incremental Charge--Manual Svc Order - Add'l | SOMAN | $0.00 | NA | NA | NA | NA | NA | $1.77 | $3.11 | NA |
| NRC - DS1 - Incremental Charge--Manual Svc Order-Disconnect | SOMAN | $29.27 | NA | NA | NA | $19.48 | $27.40 | NA | NA | NA |
| | | | | | | | | | | |
| **Local Channel - Dedicated - DS3** | | | | | | | | | | |
| DS3 - per mile per month | 1L5NC | $8.44 | $9.32 | $7.00 | $34.00 | $30.34 | NA | NA | $12.08 | $23.76 |
| DS3 - Facility Termination per month | ULDF3 | $535.92 | $560.39 | $521.54 | $635.09 | $669.01 | $533.33 | $498.87 | $493.31 | $607.28 |
| NRC - DS3 - Facility Termination - 1st | ULDF3 | $640.54 | $910.45 | $646.47 | $1,091 | $709.14 | $526.67 | $562.25 | $735.42 | $726.16 |
| NRC - DS3 - Facility Termination - Add'l | ULDF3 | $426.28 | $532.19 | $431.05 | $661.23 | $402.63 | $493.71 | $527.88 | $519.31 | $411.64 |
| NRC - DS3 - Facility Termination - Disconnect - 1st | ULDF3 | $121.72 | $223.20 | $123.65 | NA | $102.16 | $42.41 | NA | NA | $103.36 |
| NRC - DS3 - Facility Termination - Disconnect - Add'l | ULDF3 | $118.54 | $156.12 | $120.44 | NA | $99.46 | $40.87 | NA | NA | $100.59 |
| NRC - Manual Svc Order, per LSR | SOMAN | NA | $21.73 | NA | $19.99 | NA | NA | NA | NA | $19.99 |
| NRC - Manual Svc Order, per LSR disconnect | SOMAN | NA | $3.87 | NA | NA | NA | NA | NA | NA | NA |
| NRC - Electronic Svc Order, per LSR | SOMEC | $3.50 | $2.77 | $3.50 | $3.50 | $3.50 | $3.50 | $3.50 | $3.50 | $3.50 |
| NRC - Electronic Svc Order, per LSR disconnect | SOMEC | NA | $0.43 | NA | NA | NA | NA | NA | NA | NA |
| NRC - DS3 -Incremental Charge--Manual Svc Order - 1st | SOMAN | $38.48 | NA | $37.96 | $93.12 | $50.25 | $31.49 | $56.25 | $54.26 | NA |

BELLSOUTH/TCI RATES
NETWORK ELEMENTS
AND OTHER SERVICES
TRANSPORT

| DESCRIPTION | USOC | AL | FL | GA | KY | LA | MS | NC | SC | TN |
|---|---|---|---|---|---|---|---|---|---|---|
| NRC - DS3 - Incremental Charge--Manual Svc Order - Add'l | SOMAN | $38.48 | NA | $37.96 | $93.12 | $50.25 | $31.49 | $56.25 | $54.26 | NA |
| NRC - DS3 - Incremental Charge--Manual Svc Order-Disconnect -1st | SOMAN | $19.03 | NA | $18.23 | NA | $20.94 | $25.35 | NA | NA | NA |
| NRC - DS3 - Incremental Charge--Manual Svc Order-Disconnect-Add'l | SOMAN | $19.03 | NA | $18.23 | NA | $20.94 | $25.35 | NA | NA | NA |
| **Local Channel - Dedicated - STS-1** | | | | | | | | | | |
| STS-1 - per mile per month | 1L5NC | $8.44 | $9.32 | $7.00 | $34.00 | $8.77 | $38.98 | NA | $12.08 | $25.11 |
| STS-1 - Facility Termination per month | ULDFS | $525.40 | $569.67 | $523.20 | $635.09 | $558.00 | $531.39 | $512.00 | $481.14 | $615.65 |
| NRC - STS-1 - Facility Termination - 1st | ULDFS | $640.54 | $910.45 | $646.47 | $1,091 | $594.71 | $1,084.33 | $757.25 | $735.42 | $1,085.73 |
| NRC - STS-1 - Facility Termination - Add'l | ULDFS | $426.82 | $532.19 | $431.05 | $661.23 | $396.54 | $682.13 | $534.95 | $519.31 | $683.01 |
| NRC - STS-1 - Facility Termination - Disconnect - 1st | ULDFS | $121.72 | $223.20 | $123.65 | NA | $113.75 | $42.41 | NA | NA | $103.36 |
| NRC - STS-1 - Facility Termination - Disconnect - Add'l | ULDFS | $118.54 | $156.12 | $120.44 | NA | $110.80 | $40.87 | NA | NA | $100.59 |
| NRC - Manual Svc Order, per LSR | SOMAN | NA | $21.73 | NA | $19.99 | NA | NA | NA | NA | $19.99 |
| NRC - Manual Svc Order, per LSR disconnect | SOMAN | NA | $3.87 | NA | NA | NA | NA | NA | NA | NA |
| NRC - Electronic Svc Order, per LSR | SOMEC | $3.50 | $2.77 | $3.50 | $3.50 | $3.50 | $3.50 | $3.50 | $3.50 | $3.50 |
| NRC - Electronic Svc Order, per LSR disconnect | SOMEC | NA | $0.43 | NA | NA | NA | NA | NA | NA | NA |
| NRC - STS-1 -Incremental Charge--Manual Svc Order - 1st | SOMAN | $38.48 | NA | $37.96 | $93.12 | $34.92 | $96.10 | $55.00 | $54.26 | NA |
| NRC - STS-1 - Incremental Charge--Manual Svc Order - Add'l | SOMAN | $38.48 | NA | $37.96 | $93.12 | $34.92 | $96.10 | $55.00 | $54.26 | NA |
| NRC - STS-1 - Incremental Charge--Manual Svc Order-Disconnect -1st | SOMAN | $19.03 | NA | $18.23 | NA | $16.77 | $25.35 | NA | NA | NA |
| NRC - STS-1 - Incremental Charge--Manual Svc Order-Disconnect-Add'l | SOMAN | $19.03 | NA | $18.23 | NA | $16.77 | $25.35 | NA | NA | NA |
| **Local Channel - Dedicated - OC3** | | | | | | | | | | |
| OC3 per mile per month | TBD | $7.09 | $9.08 | $5.88 | $28.56 | $25.48 | $35.55 | $21.27 | $10.15 | $19.95 |
| OC3 Facility Termination per month | TBD | $1,123 | $651.40 | $924.18 | $1,493 | $1,179 | $873.23 | $914.18 | $493.31 | $1,263 |
| NRC - OC3 - Facility Termination - 1st | TBD | $949.63 | $974.02 | $958.02 | $1,543 | $1,025 | $1,427.00 | $1,543 | $735.42 | $1,050 |
| NRC - OC3 - Facility Termination - Add'l | TBD | $413.38 | $412.05 | $417.50 | $661.23 | $402.63 | $549.17 | $670.92 | $519.31 | $411.64 |
| NRC - OC3 - Facility Termination - Disconnect Chg - 1st | TBD | $121.72 | $112.44 | $123.65 | NA | $102.16 | $134.07 | NA | NA | $103.36 |
| NRC - OC3 - Facility Termination - Disconnect Chg - Add'l | TBD | $118.54 | $109.19 | $120.44 | NA | $99.46 | $130.59 | NA | NA | $100.59 |
| NRC - Manual Svc Order, per LSR | SOMAN | NA | $21.73 | NA | $19.99 | NA | NA | NA | NA | $19.99 |
| NRC - Manual Svc Order, per LSR disconnect | SOMAN | NA | $3.87 | NA | NA | NA | NA | NA | NA | NA |
| NRC - Electronic Svc Order, per LSR | SOMEC | $3.50 | $2.77 | $3.50 | $3.50 | $3.50 | $3.50 | $3.50 | $3.50 | $3.50 |
| NRC - Electronic Svc Order, per LSR disconnect | SOMEC | NA | $0.43 | NA | NA | NA | NA | NA | NA | NA |
| NRC - OC3 - Incremental Charge--Manual Svc Order - 1st | SOMAN | $38.48 | NA | $37.96 | $93.12 | $50.25 | $68.62 | $99.10 | $54.26 | NA |
| NRC - OC3 - Incremental Charge--Manual Svc Order - Add'l | SOMAN | $38.48 | NA | $37.96 | $93.12 | $50.25 | $68.62 | $99.10 | $54.26 | NA |
| NRC - OC3 - Incremental Charge--Manual Svc Order-Disconnect-1st | SOMAN | $19.03 | NA | $18.23 | NA | $20.94 | $28.59 | NA | NA | NA |
| NRC - OC3 - Incremental Charge--Manual Svc Order-Disconnect-Add'l | SOMAN | $19.03 | NA | $18.23 | NA | $20.94 | $28.59 | NA | NA | NA |
| **Local Channel - Dedicated - OC12** | | | | | | | | | | |
| OC12 per mile per month | TBD | $10.13 | $11.18 | $8.40 | $40.80 | $36.40 | $50.79 | $30.38 | $14.50 | $28.51 |
| OC12 Facility Termination per month | TBD | $5,630 | $2,068 | $3,220 | $4,492 | $3,895 | $3,414.00 | $3,316 | $4,414 | $7,158 |
| NRC - OC12 - Facility Termination - 1st | TBD | $1,165 | $1,193 | $1,175 | $1,858 | $1,245 | $1,742.00 | $1,853 | $1,259 | $1,276 |
| NRC - OC12 - Facility Termination - Add'l | TBD | $413.38 | $412.05 | $417.50 | $661.23 | $402.63 | $549.17 | $670.92 | $505.88 | $411.64 |
| NRC - OC12 - Facility Termination -Disconnect Chg - 1st | TBD | $121.72 | $112.44 | $123.65 | NA | $102.16 | $134.07 | NA | NA | $103.36 |
| NRC - OC12 - Facility Termination - Disconnect Chg - Add'l | TBD | $118.54 | $109.19 | $120.44 | NA | $99.46 | $130.59 | NA | NA | $100.59 |
| NRC - Manual Svc Order, per LSR | SOMAN | NA | $21.73 | NA | $19.99 | NA | NA | NA | NA | $19.99 |
| NRC - Manual Svc Order, per LSR disconnect | SOMAN | NA | $3.87 | NA | NA | NA | NA | NA | NA | NA |
| NRC - Electronic Svc Order, per LSR | SOMEC | $3.50 | $2.77 | $3.50 | $3.50 | $3.50 | $3.50 | $3.50 | $3.50 | $3.50 |
| NRC - Electronic Svc Order, per LSR disconnect | SOMEC | NA | $0.43 | NA | NA | NA | NA | NA | NA | NA |
| NRC - OC12 - Incremental Charge--Manual Svc Order - 1st | SOMAN | $38.48 | NA | $37.96 | $93.12 | $50.25 | $68.62 | $99.10 | $54.26 | NA |
| NRC - OC12 - Incremental Charge--Manual Svc Order - Add'l | SOMAN | $38.48 | NA | $37.96 | $93.12 | $50.25 | $68.62 | $99.10 | $54.26 | NA |
| NRC - OC12 - Incremental Charge--Manual Svc Order-Disconnect-1st | SOMAN | $19.03 | NA | $18.23 | NA | $20.94 | $28.59 | NA | NA | NA |
| NRC - OC12 - Incremental Charge--Manual Svc Order-Disconnect-Add'l | SOMAN | $19.03 | NA | $18.23 | NA | $20.94 | $28.59 | NA | NA | NA |
| **Local Channel - Dedicated - OC48** | | | | | | | | | | |
| OC48 per mile per month | TBD | $33.22 | $36.67 | $27.55 | $133.84 | $119.40 | $166.59 | $99.66 | $47.57 | $93.50 |

BELLSOUTH/TCI RATES
NETWORK ELEMENTS
AND OTHER SERVICES
TRANSPORT

| DESCRIPTION | USOC | AL | FL | GA | KY | LA | MS | NC | SC | TN |
|---|---|---|---|---|---|---|---|---|---|---|
| OC48 Facility Termination per month | TBD | $1,947 | $1,699 | $1,689 | $2,156 | $2,311 | $1,768.00 | $1,837 | $1,842 | $1,853 |
| OC48 - Interface OC12 on OC48 per month | TBD | $699.62 | $592.09 | $564.15 | $728.81 | $706.85 | $668.36 | $584.78 | $773.40 | $572.61 |
| | | | | | | | | | | |
| NRC - OC48 - Facility Termination - 1st | TBD | $1,165 | $1,193 | $1,175 | $1,858 | $1,245 | $1,742.00 | $1,853 | $1,259 | $1,276 |
| NRC - OC48 - Facility Termination -Add'l | TBD | $413.38 | $412.05 | $417.50 | $661.23 | $402.63 | $549.17 | $670.92 | $505.88 | $411.64 |
| NRC - OC48 - Interface OC12 on OC48 - 1st | TBD | $540.10 | $547.98 | $545.24 | $844.21 | $532.13 | $729.04 | $852.47 | $635.04 | $544.55 |
| NRC -OC48 - Interface OC12 on OC48 -Add'l | TBD | $317.48 | $314.49 | $320.83 | $516.89 | $304.90 | $404.94 | $528.57 | $410.02 | $311.39 |
| NRC - OC48 - Facility Termination - Disconnect Chg - 1st | TBD | $121.72 | $112.44 | $123.65 | NA | $102.16 | $134.07 | NA | NA | $103.36 |
| NRC - OC48 - Facility Termination - Disconnect Chg - Add'l | TBD | $118.54 | $109.19 | $120.44 | NA | $99.46 | $130.59 | NA | NA | $100.59 |
| NRC - OC48 - Interface OC12 on OC48 - Disconnect Chg - 1st | TBD | $121.72 | $112.44 | $123.65 | NA | $102.16 | $134.07 | NA | NA | $103.36 |
| NRC - OC48 - Interface OC12 on OC48 - Disconnect Chg - Add'l | TBD | $118.54 | $109.19 | $120.44 | NA | $99.46 | $130.59 | NA | NA | $100.59 |
| NRC - Manual Svc Order, per LSR | SOMAN | NA | $21.73 | NA | $19.99 | NA | NA | NA | NA | $19.99 |
| NRC - Manual Svc Order, per LSR disconnect | SOMAN | NA | $3.87 | NA | NA | NA | NA | NA | NA | NA |
| NRC - Electronic Svc Order, per LSR | SOMEC | $3.50 | $2.77 | $3.50 | $3.50 | $3.50 | $3.50 | $3.50 | $3.50 | $3.50 |
| NRC - Electronic Svc Order, per LSR disconnect | SOMEC | NA | $0.43 | NA | NA | NA | NA | NA | NA | NA |
| NRC - OC48 - Incremental Charge--Manual Svc Order - 1st | SOMAN | $38.48 | NA | $37.96 | $93.12 | $50.25 | $68.62 | $99.10 | $54.26 | NA |
| NRC - OC48 - Incremental Charge--Manual Svc Order - Add'l | SOMAN | $38.48 | NA | $37.96 | $93.12 | $50.25 | $68.62 | $99.10 | $54.26 | NA |
| NRC - OC48 -Interface-Incremental Cost-Manual Svc. Order vs. Electronic-1 | SOMAN | $38.48 | NA | $37.96 | $93.12 | $50.25 | $68.62 | $99.10 | $54.26 | NA |
| NRC - OC48 -Interface-Incremental Cost-Manual Svc. Order vs. Electronic-A | SOMAN | $38.48 | NA | $37.96 | $93.12 | $50.25 | $68.62 | $99.10 | $54.26 | NA |
| NRC - OC48 - Incremental Charge--Manual Svc Order-Disconnect-1st | SOMAN | $19.03 | NA | $18.23 | NA | $20.94 | $28.59 | NA | | NA |
| NRC - OC48 - Incremental Charge--Manual Svc Order-Disconnect-Add'l | SOMAN | $19.03 | NA | $18.23 | NA | $20.94 | $28.59 | NA | NA | NA |
| NRC - OC48 -Interface-Incremental Cost-Manual Svc. Order vs. Electronic-D | SOMAN | $19.03 | NA | $18.23 | NA | $20.94 | $28.59 | NA | NA | NA |
| NRC - OC48 -Interface-Incremental Cost-Manual Svc. Order vs. Electronic-D | SOMAN | $19.03 | NA | $18.23 | NA | $20.94 | $28.59 | NA | NA | NA |
| | | | | | | | | | | |
| **UNBUNDLED DEDICATED TRANSPORT - Interoffice Channel** | | | | | | | | | | |
| Interoffice Transport - Dedicated - 2-wire VG | | | | | | | | | | |
| 2-Wire VG - per mile per month | 1L5XX | $0.0339 | $0.0100 | $0.0222 | $0.0301 | $0.0384 | $0.0323 | $0.0282 | $0.0373 | $0.0173 |
| 2-Wire VG - Facility Termination per month | U1TV2 | $18.49 | $26.72 | $17.07 | $27.66 | $19.10 | $21.33 | $18.01 | $21.42 | $18.33 |
| NRC - 2-wire VG - Facility Termination -1st | U1TV2 | $107.11 | $81.73 | $79.61 | $142.31 | $76.20 | $106.72 | $137.48 | $136.44 | $55.39 |
| NRC - 2-wire VG - Facility Termination - Add'l | U1TV2 | $48.27 | $55.26 | $36.08 | $56.21 | $34.54 | $48.83 | $52.58 | $51.37 | $17.37 |
| NRC - 2-wire VG -Facility Termination - Disconnect Charge -1st | U1TV2 | $37.16 | $31.26 | NA | NA | $28.03 | $38.05 | NA | NA | $27.96 |
| NRC - 2-wire VG - Facility Termination - Disconnect Charge -Add'l | U1TV2 | $5.88 | $12.88 | NA | NA | $5.37 | $7.23 | NA | NA | $3.51 |
| NRC - Manual Svc Order, per LSR | SOMAN | NA | $21.73 | NA | $19.99 | NA | NA | NA | NA | $19.99 |
| NRC - Manual Svc Order, per LSR disconnect | SOMAN | NA | $3.87 | NA | NA | NA | NA | NA | NA | NA |
| NRC - Electronic Svc Order, per LSR | SOMEC | $3.50 | $2.77 | $3.50 | $3.50 | $3.50 | $3.50 | $3.50 | $3.50 | $3.50 |
| NRC - Electronic Svc Order, per LSR disconnect | SOMEC | NA | $0.43 | NA | NA | NA | NA | NA | NA | NA |
| NRC - 2-wire VG - Incremental Charge--Manual Svc Order - 1st | SOMAN | $27.37 | NA | $18.94 | $37.21 | $18.14 | $25.52 | $38.07 | $39.63 | NA |
| NRC - 2-wire VG - Incremental Charge--Manual Svc Order - Add'l | SOMAN | $27.57 | NA | $18.94 | $37.21 | $18.14 | $25.52 | $38.07 | $39.63 | NA |
| NRC - 2-wire VG - Incremental Charge--Manual Svc Order-Disconnect--1st | SOMAN | $12.97 | NA | NA | NA | $8.06 | $11.34 | NA | NA | NA |
| NRC - 2-wire VG - Incremental Charge--Manual Svc Order-Disconnect--Add'l | SOMAN | $12.97 | NA | NA | NA | $8.06 | $11.34 | NA | NA | NA |
| | | | | | | | | | | |
| **Interoffice Transport - Dedicated - 4-wire VG** | | | | | | | | | | |
| 4-Wire VG - per mile per month | 1L5XX | NA | $0.0100 | NA | NA | NA | NA | NA | NA | NA |
| 4-Wire VG - Facility Termination per month | U1TV4 | NA | $23.82 | NA | NA | NA | NA | NA | NA | NA |
| NRC - 4-wire VG - Facility Termination -1st | U1TV4 | NA | $81.73 | NA | NA | NA | NA | NA | NA | NA |
| NRC - 4-wire VG - Facility Termination - Add'l | U1TV4 | NA | $55.26 | NA | NA | NA | NA | NA | NA | NA |
| NRC - 4-wire VG -Facility Termination - Disconnect Charge -1st | U1TV4 | NA | $31.26 | NA | NA | NA | NA | NA | NA | NA |
| NRC - 4-wire VG - Facility Termination - Disconnect Charge -Add'l | U1TV4 | NA | $12.88 | NA | NA | NA | NA | NA | NA | NA |
| NRC - Manual Svc Order, per LSR | SOMAN | NA | $21.73 | NA | NA | NA | NA | NA | NA | NA |
| NRC - Manual Svc Order, per LSR disconnect | SOMAN | NA | $3.87 | NA | NA | NA | NA | NA | NA | NA |
| NRC - Electronic Svc Order, per LSR | SOMEC | NA | $2.77 | NA | NA | NA | NA | NA | NA | NA |
| NRC - Electronic Svc Order, per LSR disconnect | SOMEC | NA | $0.43 | NA | NA | NA | NA | NA | NA | NA |
| NRC - 4-wire VG - Incremental Charge--Manual Svc Order - 1st | SOMAN | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| NRC - 4-wire VG - Incremental Charge--Manual Svc Order - Add'l | SOMAN | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| NRC - 4-wire VG - Incremental Charge--Manual Svc Order-Disconnect--1st | SOMAN | NA | NA | NA | NA | NA | NA | NA | NA | NA |

BELLSOUTH/TCI RATES
NETWORK ELEMENTS
AND OTHER SERVICES
TRANSPORT

| DESCRIPTION | USOC | AL | FL | GA | KY | LA | MS | NC | SC | TN |
|---|---|---|---|---|---|---|---|---|---|---|
| NRC - 4-wire VG - Incremental Charge--Manual Svc Order-Disconnect--Add'l | SOMAN | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| **Interoffice Transport - Dedicated - DS0 - 56** | | | | | | | | | | |
| DS0 - per mile per month | 1L5XX | $0.0339 | $0.0100 | $0.0222 | $0.0301 | $0.0384 | $0.0323 | $0.0282 | $0.0373 | $0.1730 |
| DS0 - Facility Termination per month | U1TD5 | $17.81 | $19.46 | $16.45 | $26.95 | $18.37 | $20.64 | $17.40 | $20.71 | $17.74 |
| NRC - DS0 - Facility Termination - 1st | U1TD5 | $107.11 | $81.74 | $79.61 | $142.31 | $76.20 | $106.72 | $137.48 | $136.44 | $55.39 |
| NRC - DS0 - Facility Termination - Add'l | U1TD5 | $48.27 | $55.26 | $36.08 | $56.21 | $34.54 | $48.83 | $52.58 | $51.37 | $17.37 |
| NRC - DS0 -Facility Termination - Disconnect Charge - 1st | U1TD5 | $37.16 | $31.26 | NA | NA | $28.03 | $38.05 | NA | NA | $27.96 |
| NRC - DS0 - Facility Termination - Disconnect Charge - Add'l | U1TD5 | $5.88 | $12.88 | NA | NA | $5.37 | $7.23 | NA | NA | $3.51 |
| NRC - Manual Svc Order, per LSR | SOMAN | NA | $21.73 | NA | $19.99 | NA | NA | NA | NA | $19.99 |
| NRC - Manual Svc Order, per LSR disconnect | SOMAN | NA | $3.87 | NA | NA | NA | NA | NA | NA | NA |
| NRC - Electronic Svc Order, per LSR | SOMEC | $3.50 | $2.77 | $3.50 | $3.50 | $3.50 | $3.50 | $3.50 | $3.50 | $3.50 |
| NRC - Electronic Svc Order, per LSR disconnect | SOMEC | NA | $0.43 | NA | NA | NA | NA | NA | NA | NA |
| NRC - DS0 -Incremental Charge--Manual Svc Order - 1st | SOMAN | $27.37 | NA | $18.94 | $37.21 | $18.14 | $25.52 | $38.07 | $39.63 | NA |
| NRC -DS0 - Incremental Charge--Manual Svc Order - Add'l | SOMAN | $27.37 | NA | $18.94 | $37.21 | $18.14 | $25.52 | $38.07 | $39.63 | NA |
| NRC - DS0 -Incremental Charge--Manual Svc Order-Disconnect--1st | SOMAN | $12.97 | NA | NA | NA | $8.06 | $11.34 | NA | NA | NA |
| NRC - DS0 -Incremental Charge--Manual Svc Order-Disconnect—Add'l | SOMAN | $12.97 | NA | NA | NA | $8.06 | $11.34 | NA | NA | NA |
| **Interoffice Transport - Dedicated -64 KBPS** | | | | | | | | | | |
| DS0 - per mile per month | 1L5XX | $0.0339 | $0.0100 | $0.0222 | $0.0301 | $0.0384 | $0.0323 | $0.0282 | $0.0373 | $0.1730 |
| DS0 - Facility Termination per month | U1TD6 | $17.81 | $19.46 | $16.45 | $26.95 | $18.37 | $20.64 | $17.40 | $20.71 | $17.74 |
| NRC - DS0 - Facility Termination - 1st | U1TD6 | $107.11 | $81.74 | $79.61 | $142.31 | $76.20 | $106.72 | $137.48 | $136.44 | $55.39 |
| NRC - DS0 - Facility Termination - Add'l | U1TD6 | $48.27 | $55.26 | $36.08 | $56.21 | $34.54 | $48.83 | $52.58 | $51.37 | $17.37 |
| NRC - DS0 -Facility Termination - Disconnect Charge - 1st | U1TD6 | $37.16 | $31.26 | NA | NA | $28.03 | $38.05 | NA | NA | $27.96 |
| NRC - DS0 - Facility Termination - Disconnect Charge - Add'l | U1TD6 | $5.88 | $12.88 | NA | NA | $5.37 | $7.23 | NA | NA | $3.51 |
| NRC - Manual Svc Order, per LSR | SOMAN | NA | $21.73 | NA | $19.99 | NA | NA | NA | NA | $19.99 |
| NRC - Manual Svc Order, per LSR disconnect | SOMAN | NA | $3.87 | NA | NA | NA | NA | NA | NA | NA |
| NRC - Electronic Svc Order, per LSR | SOMEC | $3.50 | $2.77 | $3.50 | $3.50 | $3.50 | $3.50 | $3.50 | $3.50 | $3.50 |
| NRC - Electronic Svc Order, per LSR disconnect | SOMEC | NA | $0.43 | NA | NA | NA | NA | NA | NA | NA |
| NRC - DS0 -Incremental Charge--Manual Svc Order - 1st | SOMAN | $27.37 | NA | $18.94 | $37.21 | $18.14 | $25.52 | $38.07 | $39.63 | NA |
| NRC -DS0 - Incremental Charge--Manual Svc Order - Add'l | SOMAN | $27.37 | NA | $18.94 | $37.21 | $18.14 | $25.52 | $38.07 | $39.63 | NA |
| NRC - DS0 -Incremental Charge--Manual Svc Order-Disconnect--1st | SOMAN | $12.97 | NA | NA | NA | $8.06 | $11.34 | NA | NA | NA |
| NRC - DS0 -Incremental Charge--Manual Svc Order-Disconnect—Add'l | SOMAN | $12.97 | NA | NA | NA | $8.06 | $11.34 | NA | NA | NA |
| **Interoffice Transport - Dedicated - DS1** | | | | | | | | | | |
| DS1 - per mile per month | 1L5XX | $0.6920 | $0.2035 | $0.3068 | $0.4500 | $0.7831 | $0.6598 | $0.0783 | $0.7598 | $0.3525 |
| DS1 - Facility Termination per month | U1TF1 | $79.69 | $93.31 | $63.39 | $55.05 | $93.40 | $74.40 | $71.29 | $94.98 | $75.83 |
| NRC - DS1-Facility Termination - 1st | U1TF1 | $198.15 | $179.99 | $147.07 | $298.18 | $140.49 | $196.28 | $217.17 | $216.27 | $145.98 |
| NRC - DS1 - Facility Termination - Add'l | U1TF1 | $148.18 | $164.95 | $111.75 | $231.23 | $106.69 | $147.31 | $163.75 | $162.70 | $109.85 |
| NRC - DS1 - Facility Termination - Disconnect Charge - 1st | U1TF1 | $25.44 | $30.54 | NA | NA | $20.00 | $26.56 | NA | NA | $19.55 |
| NRC - DS1 - Facility Termination -Disconnect Charge - Add'l | U1TF1 | $20.42 | $26.97 | NA | NA | $16.34 | $21.61 | NA | NA | $14.99 |
| NRC - Manual Svc Order, per LSR | SOMAN | NA | $21.73 | NA | $19.99 | NA | NA | NA | NA | $19.99 |
| NRC - Manual Svc Order, per LSR disconnect | SOMAN | NA | $3.87 | NA | NA | NA | NA | NA | NA | NA |
| NRC - Electronic Svc Order, per LSR | SOMEC | $3.50 | $2.77 | $3.50 | $3.50 | $3.50 | $3.50 | $3.50 | $3.50 | $3.50 |
| NRC - Electronic Svc Order, per LSR disconnect | SOMEC | NA | $0.43 | NA | NA | NA | NA | NA | NA | NA |
| NRC - DS1 - Incremental Charge--Manual Svc Order - 1st | SOMAN | $27.37 | NA | $18.94 | NA | $18.14 | $25.52 | $38.07 | $39.63 | NA |
| NRC -DS1 - Incremental Charge--Manual Svc Order - Add'l | SOMAN | $27.37 | NA | $18.94 | NA | $18.14 | $25.52 | $38.07 | $39.63 | NA |
| NRC - DS1 - Incremental Charge--Manual Svc Order-Disconnect--1st | SOMAN | $12.97 | NA | NA | NA | $8.06 | $11.31 | NA | NA | NA |
| NRC - DS1 - Incremental Charge--Manual Svc Order-Disconnect—Add'l | SOMAN | $12.97 | NA | NA | NA | $8.06 | $11.34 | NA | NA | NA |
| **Interoffice Transport - Dedicated - DS3** | | | | | | | | | | |
| DS3 - per mile per month | 1L5XX | $4.98 | $4.25 | $2.75 | $12.62 | $6.78 | $15.02 | $12.98 | $8.13 | $5.89 |
| DS3 -Facility Termination per month | U1TF3 | $898.15 | $1,130 | $796.59 | $1,204 | $1,025.00 | $744.38 | $720.38 | $967.70 | $760.20 |
| NRC - DS3 - Facility Termination -1st | U1TF3 | $511.77 | $562.06 | $516.67 | $946.23 | $475.31 | $686.74 | $794.94 | $606.72 | $625.91 |

BELLSOUTH/TCI RATES
NETWORK ELEMENTS
AND OTHER SERVICES
TRANSPORT

| DESCRIPTION | USOC | AL | FL | GA | KY | LA | MS | NC | SC | TN |
|---|---|---|---|---|---|---|---|---|---|---|
| NRC - DS3 - Facility Termination - Add'l | U1TF3 | $330.92 | $328.16 | $334.38 | $516.89 | $307.62 | $477.76 | $579.55 | $423.45 | $311.39 |
| NRC - DS3 - Facility Termination - Disconnect Charge - 1st | U1TF3 | $121.72 | $112.44 | $123.65 | NA | $113.75 | $125.56 | NA | NA | $103.36 |
| NRC - DS3 - Facility Termination - Disconnect Charge - Add'l | U1TF3 | $118.54 | $109.19 | $120.44 | NA | $110.80 | $118.79 | NA | NA | $100.59 |
| NRC - Manual Svc Order, per LSR | SOMAN | NA | $21.73 | NA | $19.99 | NA | NA | NA | NA | $19.99 |
| | | | | | | | | | | |
| NRC - Manual Svc Order, per LSR disconnect | SOMAN | NA | $3.87 | NA | NA | NA | NA | NA | NA | NA |
| NRC - Electronic Svc Order, per LSR | SOMEC | $3.50 | $2.77 | $3.50 | $3.50 | $3.50 | $3.50 | $3.50 | $3.50 | $3.50 |
| NRC - Electronic Svc Order, per LSR disconnect | SOMEC | NA | $0.43 | NA | NA | NA | NA | NA | NA | NA |
| NRC - DS3 - Incremental Charge--Manual Svc Order - 1st | SOMAN | $38.48 | NA | $37.96 | $93.12 | $50.25 | $64.97 | $91.26 | $54.26 | NA |
| NRC - DS3 - Incremental Charge--Manual Svc Order - Add'l | SOMAN | $38.48 | NA | $37.96 | $93.12 | $50.25 | $64.97 | $91.26 | $54.26 | NA |
| NRC - DS3 - Incremental Charge--Manual Svc Order-Disconnect--1st | SOMAN | $19.03 | NA | $18.23 | NA | $20.94 | $27.08 | NA | NA | NA |
| NRC - DS3 - Incremental Charge--Manual Svc Order-Disconnect—Add'l | SOMAN | $19.03 | NA | $18.23 | NA | $20.94 | $27.08 | NA | NA | NA |
| | | | | | | | | | | |
| **Interoffice Transport - Dedicated - STS-1** | | | | | | | | | | |
| STS-1 - per mile per month | 1L5XX | $4.98 | $4.25 | $2.75 | $12.62 | $6.78 | $13.48 | $6.29 | $8.13 | $6.88 |
| STS-1 -Facility Termination per month | U1TFS | $895.41 | $1,114 | $792.17 | $1,204 | $1,000.00 | $692.52 | $800.94 | $967.58 | $838.65 |
| NRC - STS-1 - Facility Termination -1st | U1TFS | $511.77 | $562.06 | $516.67 | $946.23 | $475.31 | $858.15 | $624.86 | $606.72 | $858.26 |
| NRC - STS-1 - Facility Termination - Add'l | U1TFS | $330.92 | $328.16 | $454.82 | $516.89 | $307.62 | $524.58 | $436.36 | $423.45 | $525.25 |
| NRC - STS-1 - Facility Termination - Disconnect Charge - 1st | U1TFS | $121.72 | $112.44 | $123.65 | NA | $113.75 | $125.56 | NA | NA | $103.36 |
| NRC - STS-1 - Facility Termination - Disconnect Charge - Add'l | U1TFS | $118.54 | $109.19 | $120.44 | NA | $110.80 | $118.79 | NA | NA | $100.59 |
| NRC - Manual Svc Order, per LSR | SOMAN | NA | $21.73 | NA | $19.99 | NA | NA | NA | NA | $19.99 |
| NRC - Manual Svc Order, per LSR disconnect | SOMAN | NA | $3.87 | NA | NA | NA | NA | NA | NA | NA |
| NRC - Electronic Svc Order, per LSR | SOMEC | $3.50 | $2.77 | $3.50 | $3.50 | $3.50 | $3.50 | $3.50 | $3.50 | $3.50 |
| NRC - Electronic Svc Order, per LSR disconnect | SOMEC | NA | $0.43 | NA | NA | NA | NA | NA | NA | NA |
| NRC - STS-1 - Incremental Charge--Manual Svc Order - 1st | SOMAN | $38.48 | NA | $37.96 | $93.12 | $50.25 | $94.50 | $55.00 | $54.26 | NA |
| NRC - STS-1 - Incremental Charge--Manual Svc Order - Add'l | SOMAN | $38.48 | NA | $37.96 | $93.12 | $50.25 | $94.50 | $55.00 | $54.26 | NA |
| NRC - DS3 - Incremental Charge--Manual Svc Order-Disconnect--1st | SOMAN | $19.03 | NA | $18.23 | NA | $20.94 | $27.08 | NA | NA | NA |
| NRC - DS3 - Incremental Charge--Manual Svc Order-Disconnect—Add'l | SOMAN | $19.03 | NA | $18.23 | NA | $20.94 | $27.08 | NA | NA | NA |
| | | | | | | | | | | |
| **Interoffice Transport - Dedicated - OC3** | | | | | | | | | | |
| OC3 -per mile per month | 1L5XX | $7.35 | $8.38 | $4.42 | $28.56 | $23.89 | $18.35 | $14.10 | $9.75 | $13.45 |
| OC3 -Facility Termination per month | TBD | $2,475 | $3,043 | $2,211 | $1,493.00 | $2,990 | $1,892.00 | $2,071 | $2,802 | $2,124 |
| NRC - OC-3 - Facility Termination - 1st | TBD | $820.85 | $876.46 | $828.22 | $1,543.00 | $927.35 | $1,283.00 | $1,381 | $915.64 | $950.10 |
| NRC - OC-3 - Facility Termination - Add'l | TBD | $317.48 | $314.49 | $320.83 | $661.23 | $304.90 | $404.94 | $509.93 | $410.02 | $311.39 |
| NRC - OC-3 - Facility Termination - Disconnect Charge - 1st | TBD | $121.72 | $112.44 | $123.65 | NA | $102.16 | $134.07 | NA | NA | $103.36 |
| NRC - OC-3 - Facility Termination - Disconnect Charge - Add'l | TBD | $118.54 | $109.19 | $120.44 | NA | $99.46 | $130.59 | NA | NA | $100.59 |
| NRC - Manual Svc Order, per LSR | SOMAN | NA | $21.73 | NA | $19.99 | NA | NA | NA | NA | $19.99 |
| NRC - Manual Svc Order, per LSR disconnect | SOMAN | NA | $3.87 | NA | NA | NA | NA | NA | NA | NA |
| NRC - Electronic Svc Order, per LSR | SOMEC | $3.50 | $2.77 | $3.50 | $3.50 | $3.50 | $3.50 | $3.50 | $3.50 | $3.50 |
| NRC - Electronic Svc Order, per LSR disconnect | SOMEC | NA | $0.43 | NA | NA | NA | NA | NA | NA | NA |
| NRC - OC3 - Incremental Cost - Manual Svc Order vs. Electronic-1st | SOMAN | $38.48 | NA | $37.96 | $93.12 | $50.25 | $68.62 | $94.77 | $54.26 | NA |
| NRC - OC3 - Incremental Cost - Manual Svc Order vs. Electronic-Add'l | SOMAN | $38.48 | NA | $37.96 | $93.12 | $50.25 | $68.62 | $94.77 | $54.26 | NA |
| NRC - OC3 - Incremental Cost - Manual Svc Order vs. Electronic-Disconnect-1 | SOMAN | $19.03 | NA | $18.23 | NA | $20.94 | $28.59 | NA | NA | NA |
| NRC - OC3 - Incremental Cost - Manual Svc Order vs. Electronic-Disconnect-A | SOMAN | $19.03 | NA | $18.23 | NA | $20.94 | $28.59 | NA | NA | NA |
| | | | | | | | | | | |
| **Interoffice Transport - Dedicated - OC12** | | | | | | | | | | |
| OC12 -per mile per month | 1L5XX | $19.26 | $26.91 | $15.21 | $84.88 | $74.44 | $60.42 | $30.38 | $32.52 | $49.80 |
| OC12 -Facility Termination | TBD | $9,763 | $11,685 | $8,291 | $12,344 | $11,517 | $7,182.00 | $2,122 | $11,132 | $8,015 |
| NRC - OC12- Facility Termination - 1st | TBD | $1,036 | $1,095 | $1,045 | $1,713 | $1,147 | $1,598.00 | $1,722 | $1,131 | $1,176 |
| NRC - OC12- Facility Termination - Add'l | TBD | $317.48 | $314.49 | $320.83 | $516.89 | $304.90 | $404.94 | $542.73 | $410.02 | $311.39 |
| NRC - OC12 - Facility Termination - Disconnect Chg - 1st | TBD | $121.72 | $112.44 | $123.65 | NA | $102.16 | $134.07 | $131.65 | NA | $103.36 |
| NRC - OC12 - Facility Termination - Disconnect Chg - Add'l | TBD | $118.54 | $109.19 | $120.44 | NA | $99.46 | $130.59 | $128.19 | NA | $100.59 |
| NRC - Manual Svc Order, per LSR | SOMAN | NA | $21.73 | NA | $19.99 | NA | NA | NA | NA | $19.99 |
| NRC - Manual Svc Order, per LSR disconnect | SOMAN | NA | $3.87 | NA | NA | NA | NA | NA | NA | NA |
| NRC - Electronic Svc Order, per LSR | SOMEC | $3.50 | $2.77 | $3.50 | $3.50 | $3.50 | $3.50 | $3.50 | $3.50 | $3.50 |

BELLSOUTH/TCI RATES
NETWORK ELEMENTS
AND OTHER SERVICES
TRANSPORT

| DESCRIPTION | USOC | AL | FL | GA | KY | LA | MS | NC | SC | TN |
|---|---|---|---|---|---|---|---|---|---|---|
| NRC - Electronic Svc Order, per LSR disconnect | SOMEC | NA | $0.43 | NA | NA | NA | NA | NA | NA | NA |
| NRC - OC12 - Incremental Cost - Manual Svc Order vs. Electronic-1st | SOMAN | $38.48 | NA | $37.96 | $93.12 | $50.25 | $68.62 | $69.34 | $54.26 | NA |
| NRC - OC12 - Incremental Cost - Manual Svc Order vs. Electronic-Add'l | SOMAN | $38.48 | NA | $37.96 | $93.12 | $50.25 | $68.62 | $69.34 | $54.26 | NA |
| NRC - OC12 - Incremental Cost - Manual Svc Order vs. Elect-Disconnect-1st | SOMAN | $19.03 | NA | $18.23 | NA | $20.94 | $28.59 | $29.76 | NA | NA |
| NRC - OC12 - Incremental Cost - Manual Svc Order vs. Elect-Disconnect-Add'l | SOMAN | $19.03 | NA | $18.23 | NA | $20.94 | $28.59 | $29.76 | NA | NA |
| | | | | | | | | | | |
| **Interoffice Transport - Dedicated - OC48** | | | | | | | | | | |
| OC48 -per mile per month | 1L5XX | $30.65 | $34.66 | $25.98 | $138.02 | $128.59 | $102.43 | $120.02 | $45.92 | $106.55 |
| OC48 -Facility Termination per month | TBD | $11,691 | $12,554 | $11,255 | $16,017 | $14,950 | $11,480.00 | $1,677 | $967.58 | $11,632 |
| OC48 -per Interface OC12 on OC48 per month | TBD | $1,424 | $1,208 | $1,149 | $1,497 | $1,451 | $1,351.00 | $582.66 | $1,561 | $1,170 |
| NRC - OC48 - Facility Termination - 1st | TBD | $1,036 | $1,095 | $1,045 | $1,713 | $1,147 | $1,598.00 | $1,722 | $1,131 | $1,176 |
| NRC - OC48 - Facility Termination - Add'l | TBD | $317.48 | $314.49 | $320.83 | $516.89 | $304.90 | $404.94 | $542.73 | $410.02 | $311.39 |
| NRC - OC48 - Interface OC12 on OC48 - 1st | TBD | $540.10 | $547.98 | $545.24 | $844.21 | $532.13 | $729.04 | $720.81 | $635.04 | $544.55 |
| NRC - OC48 - Interface OC12 on OC48 - Add'l | TBD | $317.48 | $314.49 | $320.83 | $516.89 | $304.90 | $404.94 | $400.38 | $410.02 | $311.39 |
| NRC - OC48 - Facility Termination - Disconnect Chg - 1st | TBD | $121.72 | $112.44 | $123.65 | NA | $102.16 | $134.07 | $131.65 | NA | $103.36 |
| NRC - OC48 - Facility Termination - Disconnect Chg - Add'l | TBD | $118.54 | $109.19 | $120.44 | NA | $99.46 | $130.59 | $128.19 | NA | $100.59 |
| NRC - OC48 - Interface OC12 on OC48 - Disconnect - 1st | TBD | $121.72 | $112.44 | $123.65 | NA | $102.16 | $134.07 | $131.65 | NA | $103.36 |
| NRC - OC48 - Interface OC12 on OC48 - Disconnect - Add'l | TBD | $118.54 | $109.19 | $120.44 | NA | $99.46 | $130.59 | $128.19 | NA | $100.59 |
| NRC - Manual Svc Order, per LSR | SOMAN | NA | $21.73 | NA | $19.99 | NA | NA | NA | NA | $19.99 |
| NRC - Manual Svc Order, per LSR disconnect | SOMAN | NA | $3.87 | NA | NA | NA | NA | NA | NA | NA |
| NRC - Electronic Svc Order, per LSR | SOMEC | $3.50 | $2.77 | $3.50 | $3.50 | $3.50 | $3.50 | $3.50 | $3.50 | $3.50 |
| NRC - Electronic Svc Order, per LSR disconnect | SOMEC | NA | $0.43 | NA | NA | NA | NA | NA | NA | NA |
| NRC - OC48 - Incremental Cost - Manual Svc. Order vs. Electronic-1st | SOMAN | $38.48 | NA | $37.96 | $93.12 | $50.25 | $68.62 | $69.34 | $54.26 | NA |
| NRC - OC48 - Incremental Cost - Manual Svc. Order vs. Electronic-Add'l | SOMAN | $38.48 | NA | $37.96 | $93.12 | $50.25 | $68.62 | $69.34 | $54.26 | NA |
| NRC - OC48 - Interface- Incremental Cost - Manual Svc. Order vs. Electronic-1 | SOMAN | $38.48 | NA | $37.96 | $93.12 | $50.25 | $68.62 | $69.34 | $54.26 | NA |
| NRC - OC48 - Interface- Incremental Cost - Manual Svc. Order vs. Electronic-A | SOMAN | $38.48 | NA | $37.96 | $93.12 | $50.25 | $68.62 | $69.34 | $54.26 | NA |
| NRC - OC48 - Incremental Cost - Manual Svc. Order vs. Elect-Disconnect-1st | SOMAN | $19.03 | NA | $18.23 | NA | $20.94 | $28.59 | $29.76 | NA | NA |
| NRC - OC48 - Incremental Cost - Manual Svc. Order vs. Elect-Disconnect-Add | SOMAN | $19.03 | NA | $18.23 | NA | $20.94 | $28.59 | $29.76 | NA | NA |
| NRC - OC48-Interface-Incremental Cost-Manual Svc. Order vs. Elec-Disconne | SOMAN | $19.03 | NA | $18.23 | NA | $20.94 | $28.59 | $29.76 | NA | NA |
| NRC - OC48-Interface-Incremental Cost-Manual Svc. Order vs. Elec-Disconne | SOMAN | $19.03 | NA | $18.23 | NA | $20.94 | $28.59 | $29.76 | NA | NA |
| | | | | | | | | | | |
| **UNBUNDLED CHANNELIZATION** | | | | | | | | | | |
| **DS3 Channelization (DS3 to DS1)** | | | | | | | | | | |
| per Channelized System (28 DS1) per month | MQ3 | $225.36 | $222.61 | $184.02 | $236.32 | $245.84 | $229.30 | $226.81 | $200.01 | $222.98 |
| NRC - 1st | MQ3 | $265.87 | $359.20 | $268.81 | $425.41 | $259.76 | $356.80 | $351.95 | $321.54 | $265.08 |
| NRC - Add'l | MQ3 | $188.51 | $299.24 | $190.84 | $303.33 | $182.64 | $247.40 | $243.76 | $234.30 | $185.94 |
| NRC -1st - Disconnect | MQ3 | $71.76 | $189.04 | $73.29 | NA | $60.96 | $79.94 | $77.90 | NA | $61.09 |
| NRC -Add'l - Disconnect | MQ3 | $52.03 | $186.37 | $60.61 | NA | $50.46 | $65.20 | $63.32 | NA | $50.31 |
| per Interface per month (COCI) | UC1D1 | $17.22 | $14.51 | $11.14 | $8.52 | $7.55 | $5.58 | $4.61 | $11.99 | $3.91 |
| NRC - 1st | UC1D1 | $12.05 | $13.26 | $12.15 | $15.86 | $12.29 | $15.85 | $15.76 | $12.05 | $12.61 |
| NRC - Add'l | UC1D1 | $8.69 | $9.50 | $8.76 | $11.36 | $8.80 | $11.35 | $11.28 | $8.68 | $9.03 |
| NRC - Manual Svc Order, per LSR | SOMAN | NA | $21.73 | NA | $19.99 | NA | NA | NA | NA | $19.99 |
| NRC - Manual Svc Order, per LSR disconnect | SOMAN | NA | $3.87 | NA | NA | NA | NA | NA | NA | NA |
| NRC - Electronic Svc Order, per LSR | SOMEC | $3.50 | $2.77 | $3.50 | $3.50 | $3.50 | $3.50 | $3.50 | $3.50 | $3.50 |
| NRC - Electronic Svc Order, per LSR disconnect | SOMEC | NA | $0.43 | NA | NA | NA | NA | NA | NA | NA |
| Channel System - Incremental Cost - Manual Svc. Order vs. Electronic -1st | SOMAN | $15.61 | NA | $14.91 | $41.47 | $19.74 | $26.95 | $28.13 | $25.59 | $21.71 |
| Channel System - Incremental Cost - Manual Svc. Order vs. Electronic -Add'l | SOMAN | $7.39 | NA | $6.63 | $11.99 | $8.77 | $11.98 | $13.33 | $8.92 | $10.46 |
| Incremental Cost-Manual Svc. Order vs. Elect -Disconnect - 1st | SOMAN | $11.67 | NA | $10.82 | NA | $12.43 | $16.97 | $18.26 | NA | $14.21 |
| Incremental Cost-Manual Svc. Order vs. Elect -Disconnect - Add'l | SOMAN | $0.9469 | NA | NA | NA | NA | NA | $1.48 | NA | $1.46 |
| | | | | | | | | | | |
| **DS1 Channelization (DS1 to DS0)** | | | | | | | | | | |
| per Channelized System (24 DS0) per month | MQ1 | $136.82 | $154.74 | $127.60 | $200.01 | $209.87 | $146.87 | $177.72 | $147.51 | $165.21 |
| NRC - 1st | MQ1 | $197.98 | $183.57 | $200.38 | $302.82 | $193.63 | $271.52 | $267.19 | $220.89 | $197.21 |
| NRC - Add'l | MQ1 | $123.12 | $126.16 | $124.93 | $184.20 | $118.37 | $164.56 | $161.43 | $137.15 | $119.99 |
| NRC -1sr - Disconnect | MQ1 | $30.18 | $19.68 | $31.37 | NA | $26.44 | $36.38 | $34.55 | NA | $25.66 |

BELLSOUTH/TCI RATES
NETWORK ELEMENTS
AND OTHER SERVICES
TRANSPORT

| DESCRIPTION | USOC | AL | FL | GA | KY | LA | MS | NC | SC | TN |
|---|---|---|---|---|---|---|---|---|---|---|
| NRC -Add'l - Disconnect | MQ1 | $18.86 | $18.29 | $19.97 | NA | $16.83 | $11.98 | $21.14 | NA | $15.81 |
| - Interface (COCI) | | | | | | | | | | |
| per OCU-DP(data) card per month (2.4-64kbs) | 1D1DD | $1.66 | $2.22 | $1.88 | $2.94 | $3.12 | $2.86 | $2.88 | $2.34 | $2.46 |
| NRC - 1st | 1D1DD | $12.05 | $13.26 | $12.15 | $15.86 | $12.29 | $15.85 | $15.76 | $12.05 | $12.61 |
| NRC - Add'l | 1D1DD | $8.69 | $9.50 | $8.76 | $11.36 | $8.80 | $11.35 | $11.28 | $8.68 | $9.03 |
| per BRITE card per month | UC1CA | $3.41 | $3.86 | $3.41 | $4.04 | $4.18 | $3.88 | $3.76 | $4.21 | $3.33 |
| | | | | | | | | | | |
| NRC - 1st | UC1CA | $12.05 | $13.26 | $12.15 | $15.86 | $12.29 | $15.85 | $15.76 | $12.05 | $12.61 |
| NRC - Add'l | UC1CA | $8.69 | $9.50 | $8.76 | $11.36 | $8.80 | $11.35 | $11.28 | $8.68 | $9.03 |
| per VG card per month (DS0) | 1D1VG | $0.8586 | $1.46 | $1.18 | $1.40 | $1.62 | $1.45 | $1.64 | $1.47 | $1.25 |
| NRC - 1st | 1D1VG | $12.05 | $13.26 | $12.15 | $15.86 | $12.29 | $15.85 | $15.76 | $12.05 | $12.61 |
| NRC - Add'l | 1D1VG | $8.69 | $9.50 | $8.76 | $11.36 | $8.80 | $11.35 | $11.28 | $8.68 | $9.03 |
| NRC - Manual Svc Order, per LSR | SOMAN | NA | $21.73 | NA | $19.99 | NA | NA | NA | NA | $19.99 |
| NRC - Manual Svc Order, per LSR disconnect | SOMAN | NA | $3.87 | NA | NA | NA | NA | NA | NA | NA |
| NRC - Electronic Svc Order, per LSR | SOMEC | $3.50 | $2.77 | $3.50 | $3.50 | $3.50 | $3.50 | $3.50 | $3.50 | $3.50 |
| NRC - Electronic Svc Order, per LSR disconnect | SOMAN | NA | $0.43 | NA | NA | NA | NA | NA | NA | NA |
| Channel System - Incremental Cost - Manual Svc. Order vs. Electronic -1st | SOMAN | $15.61 | NA | $14.91 | $41.47 | $19.74 | $26.95 | $28.13 | $25.59 | $25.66 |
| Channel System - Incremental Cost - Manual Svc. Order vs. Electronic -Add'l | SOMAN | $7.39 | NA | $6.63 | $11.99 | $8.77 | $11.98 | $13.33 | $8.92 | $15.81 |
| Incremental Cost-Manual Svc. Order vs. Elect -Disconnect - 1st | SOMAN | $11.67 | NA | $10.82 | NA | $12.43 | $16.97 | $18.26 | NA | $14.21 |
| Incremental Cost-Manual Svc. Order vs. Elect -Disconnect - Add'l | SOMAN | $0.9469 | NA | NA | NA | NA | NA | $1.48 | NA | $1.46 |
| | | | | | | | | | | |
| **UNBUNDLED DARK FIBER** | | | | | | | | | | |
| Dark Fiber - Interoffice (four fiber strands) per route mile or fraction thereof, per mo | 1L5DF | $25.80 | $29.28 | $24.96 | $31.95 | $32.28 | $33.93 | $29.86 | $36.75 | $28.60 |
| NRC - Per each four-fiber dark fiber arrangement - 1st | UDF14 | $1,739.00 | $1,289 | $1,737.00 | $1,741.00 | $1,746.00 | $1,741.00 | $1,738.00 | $1,747.00 | $1,742.00 |
| NRC - Per each four-fiber dark fiber arrangement - Add'l | UDF14 | $563.09 | $277.98 | $562.39 | $563.75 | $565.20 | $563.79 | $562.82 | $565.53 | $564.08 |
| NRC -Disconnect--1st | UDF14 | NA | $592.25 | NA | NA | NA | NA | NA | NA | NA |
| NRC -Disconnect--Add'l | UDF14 | NA | $369.22 | NA | NA | NA | NA | NA | NA | NA |
| | | | | | | | | | | |
| Dark Fiber - Local Channel(four fiber strands) per route mile or fraction thereof, per | 1L5DC | $70.82 | $59.03 | $54.63 | $49.07 | $64.72 | $71.55 | $56.47 | $100.37 | $60.06 |
| NRC - Per each four-fiber dark fiber arrangement - 1st | UDFC4 | $1,739.00 | $1,289 | $1,737.00 | $1,741.00 | $1,746.00 | $1,741.00 | $1,738.00 | $1,747.00 | $1,742.00 |
| NRC - Per each four-fiber dark fiber arrangement - Add'l | UDFC4 | $563.09 | $277.98 | $562.39 | $563.75 | $565.20 | $563.79 | $562.82 | $565.53 | $564.08 |
| NRC -Disconnect--1st | UDFC4 | NA | $592.25 | NA | NA | NA | NA | NA | NA | NA |
| NRC -Disconnect--Add'l | UDFC4 | NA | $369.22 | NA | NA | NA | NA | NA | NA | NA |
| | | | | | | | | | | |
| Dark Fiber - Local Loop (four fiber strands) per route mile or fraction thereof, per m | 1L5DL | $70.82 | $59.03 | $54.63 | $49.07 | $64.72 | $71.55 | $56.47 | $100.37 | $60.06 |
| NRC - Per each four-fiber dark fiber arrangement - 1st | UDFL4 | $1,739.00 | $1,289 | $1,737.00 | $1,741.00 | $1,746.00 | $1,741.00 | $1,738.00 | $1,747.00 | $1,742.00 |
| NRC - Per each four-fiber dark fiber arrangement - Add'l | UDFL4 | $563.09 | $277.98 | $562.39 | $563.75 | $565.20 | $563.79 | $562.82 | $565.53 | $564.08 |
| NRC -Disconnect--1st | UDFL4 | NA | $592.25 | NA | NA | NA | NA | NA | NA | NA |
| NRC -Disconnect--Add'l | UDFL4 | NA | $369.22 | NA | NA | NA | NA | NA | NA | NA |
| | | | | | | | | | | |

| DESCRIPTION | USOC | AL | FL | GA | KY | LA | MS | NC | SC | TN |
|---|---|---|---|---|---|---|---|---|---|---|
| **UNBUNDLED LOOP COMBINATIONS** | | | | | | | | | | |
| **Unbundled Loop/Port Combinations (Note 4)** | | | | | | | | | | |
| **MARKET RATES (INCLUDING ALL VERTICAL FEATURES) (Note 1)** | | | | | | | | | | |
| **Density Zone 1 / Top 8 MSAs in BellSouth Region** | | | Orlando, Ft. Lauderdale, Miami | Atlanta | | New Orleans | | Greensboro-Winston Salem-Highpoint/ Charlotte-Gastonia-Rock Hill | | Nashville |
| **Customers with 4 or more DS0 Equivalent** | | | | | | | | | | |
| **Currently Combined (Note2)** | | | | | | | | | | |
| **2-Wire Voice Grade Loop with 2-Wire Line Port (Res. and Bus.)** | | | | | | | | | | |
| **2-Wire Voice Grade Line Port (Res.), per month** | | | | | | | | | | |
| 2- wire voice unbundled port - residence | UEPRL | NA | $14.00 | $14.00 | NA | $14.00 | NA | $14.00 | NA | $14.00 |
| 2-wire voice unbundled port with caller ID - residence | UEPRC | NA | $14.00 | $14.00 | NA | $14.00 | NA | $14.00 | NA | $14.00 |
| 2-wire voice unbundled port outgoing only - residence | UEPRO | NA | $14.00 | $14.00 | NA | $14.00 | NA | $14.00 | NA | $14.00 |
| 2-wire voice unbundled area plus port with caller ID - residence | UEPRM | NA | $14.00 | $14.00 | NA | $14.00 | NA | $14.00 | NA | $14.00 |
| 2-wire voice unbundled Florida area calling with caller ID - residence | UEPAF | NA | $14.00 | NA | NA | NA | NA | NA | NA | NA |
| 2-wire voice unbundled Louisiana Area Plus with caller ID - residence (RUL) | UEPAG | NA | NA | NA | NA | $14.00 | NA | NA | NA | NA |
| 2-wire voice unbundled Louisiana Area Plus with caller ID - residence (AC7) | UEPAH | NA | NA | NA | NA | $14.00 | NA | NA | NA | NA |
| 2-wire voice unbundled South Carolina Area Calling port with Caller ID - residence (LW8) | UEPAJ | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 2-wire voice unbundled Tennessee Area Calling port with Caller ID - residence (F2R) | UEPAK | NA | NA | NA | NA | NA | NA | NA | NA | $14.00 |
| 2-wire voice unbundled Tennessee Area Calling port with Caller ID - residence (TACER) | UEPAL | NA | NA | NA | NA | NA | NA | NA | NA | $14.00 |
| 2-wire voice unbundled Tennessee Area Calling port with Caller ID - residence (TACSR) | UEPAM | NA | NA | NA | NA | NA | NA | NA | NA | $14.00 |
| 2-wire voice unbundled Tennessee Area Calling port with Caller ID - residence (1MF2X) | UEPAN | NA | NA | NA | NA | NA | NA | NA | NA | $14.00 |
| 2-wire voice unbundled Tennessee Area Calling port with Caller ID - residence (2MR) | UEPAO | NA | NA | NA | NA | NA | NA | NA | NA | $14.00 |
| 2-wire voice unbundled res, low usage line port with Caller ID (LUM) | UEPAP | NA | $14.00 | $14.00 | NA | $14.00 | NA | $14.00 | NA | $14.00 |
| **2-Wire Voice Grade Line Port (Bus.), per month** | | | | | | | | | | |
| 2-wire voice unbundled port without Caller ID | UEPBL | NA | $14.00 | $14.00 | NA | $14.00 | NA | $14.00 | NA | $14.00 |
| 2-wire voice unbundled port with unbundled port with Caller+E484 ID | UEPBC | NA | $14.00 | $14.00 | NA | $14.00 | NA | $14.00 | NA | $14.00 |
| 2-wire voice unbundled outgoing only port | UEPBO | NA | $14.00 | $14.00 | NA | $14.00 | NA | $14.00 | NA | $14.00 |
| 2-wire voice unbundled area plus port with Caller ID | UEPBM | NA | $14.00 | $14.00 | NA | $14.00 | NA | $14.00 | NA | $14.00 |
| 2-wire voice unbundled incoming only port with Caller ID | UEPB1 | NA | $14.00 | $14.00 | NA | $14.00 | NA | $14.00 | NA | $14.00 |
| 2-wire voice unbundled LA Bus Area Calling Port with Caller ID (BUC) | UEPAA | NA | NA | NA | NA | $14.00 | NA | NA | NA | NA |
| 2-wire voice unbundled SC Bus Area Calling Port with Caller ID (LMB) | UEPAB | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 2-wire voice unbundled TN Bus 2-Way Area Calling Port Economy Option (TACC1) | UEPAC | NA | NA | NA | NA | NA | NA | NA | NA | $14.00 |
| 2-wire voice unbundled TN Bus 2-Way Area Calling Port Standard Option (TACC2) | UEPAD | NA | NA | NA | NA | NA | NA | NA | NA | $14.00 |
| 2-wire voice unbundled TN Bus 2-WAY Collierville and Memphis Local Calling Port (B2F) | UEPAE | NA | NA | NA | NA | NA | NA | NA | NA | $14.00 |
| **2-Wire Voice Grade Loop (SL1) (Res. and Bus.)** | | | | | | | | | | |
| RC - 2-Wire Voice Grade Loop - Statewide | UEPLX | NA | NA | NA | NA | NA | NA | $14.18 | NA | NA |
| RC - 2-Wire Voice Grade Loop Zone 1 | UEPLX | NA | $13.75 | $10.80 | NA | $14.05 | NA | NA | NA | $15.92 |
| RC - 2-Wire Voice Grade Loop Zone 2 | UEPLX | NA | $20.13 | $12.47 | NA | $24.14 | NA | NA | NA | $20.79 |
| RC - 2-Wire Voice Grade Loop Zone 3 | UEPLX | NA | $44.40 | $19.83 | NA | $49.30 | NA | NA | NA | $27.18 |
| **Combination Rates** | | | | | | | | | | |
| RC - 2-Wire Voice Grade Loop with 2-Wire Line Port, Statewide | Note 8 | NA | NA | NA | NA | NA | NA | $28.18 | NA | NA |
| RC - 2-Wire Voice Grade Loop with 2-Wire Line Port, Zone 1 (Note 6) | Note 8 | NA | $27.75 | $24.80 | NA | $28.05 | NA | NA | NA | $29.92 |
| RC - 2-Wire Voice Grade Loop with 2-Wire Line Port, Zone 2 (Note 6) | Note 8 | NA | $34.13 | $26.47 | NA | $38.14 | NA | NA | NA | $34.79 |

| DESCRIPTION | USOC | AL | FL | GA | KY | LA | MS | NC | SC | TN |
|---|---|---|---|---|---|---|---|---|---|---|
| RC - 2-Wire Voice Grade Loop with 2-Wire Line Port, Zone 3 (Note 6) | Note 8 | NA | $58.40 | $33.83 | NA | $63.30 | NA | NA | NA | $41.18 |
| NRC - 2-Wire Voice Grade Loop/Line Port Combination - 1st, Switch as is | TBD | NA | $41.50 | $41.50 | NA | $41.50 | NA | $41.50 | NA | $41.50 |
| NRC - 2-Wire Voice Grade Loop/Line Port Combination - Add'l, Switch as is | TBD | NA | $41.50 | $41.50 | NA | $41.50 | NA | $41.50 | NA | $41.50 |
| NRC - 2-Wire Voice Grade Loop/Line Port Combination - 1st, Switch with change | TBD | NA | $41.50 | $41.50 | NA | $41.50 | NA | $41.50 | NA | $41.50 |
| NRC - 2-Wire Voice Grade Loop/Line Port Combination - Add'l, Switch with change | TBD | NA | $41.50 | $41.50 | NA | $41.50 | NA | $41.50 | NA | $41.50 |
| NRC - 2-Wire Voice Grade Loop/Line Port Combination - Subsequent | TBD | NA | $10.00 | $10.00 | NA | $10.00 | NA | $10.00 | NA | $10.00 |
| NRC - 2-Wire Voice Grade Loop/Line Port Combination - OSS LSR Charge, Electronic, per LSR received from the CLEC by one of the OSS interactive interfaces | SOMEC | NA | $3.50 | $3.50 | NA | $3.50 | NA | $3.50 | NA | $3.50 |
| NRC - 2-Wire Voice Grade Loop/Line Port Combination - Incremental Cost - Manual Svc.Order vs. Electronic - 1st | SOMAN | NA | $19.99 | $33.76 | NA | $31.92 | NA | $40.18 | NA | $30.89 |
| NRC - 2-Wire Voice Grade Loop/Line Port Combination - Incremental Cost - Manual Svc.Order vs. Electronic - Add'l | SOMAN | NA | $19.99 | $7.86 | NA | $7.32 | NA | $9.45 | NA | $7.03 |
| NRC- 2 Wire Voice Grade Loop/Line Port Combination - Subsequent Database Update Electronic | TBD | NA | TBD | TBD | NA | $2.11 | NA | $1.42 | NA | TBD |
| NRC- 2 Wire Voice Grade Loop/Line Port Combination - Subsequent Database Update Manual Service Order | TBD | NA | TBD | TBD | NA | $5.12 | NA | $10.27 | NA | TBD |
| NRC - Incremental Manual Service Order Disconnect | TBD | NA | $20.00 | $20.00 | NA | $20.00 | NA | $20.00 | NA | $20.00 |
| **2- Wire Voice Grade Loop - Bus Only with 2 -Wire DID Trunk Port** | | | | | | | | | | |
| **2 - Wire Line Port - DID Trunk Port, per month** | UEPD1 | NA | TBD | TBD | NA | TBD | NA | TBD | NA | TBD |
| **2-Wire Voice Grade Loop (SL2)** | | | | | | | | | | |
| RC - 2-Wire Voice Grade Loop - Statewide | UECD1 | NA | NA | NA | NA | NA | NA | $11.76 | NA | NA |
| RC - 2-Wire Voice Grade Loop Zone 1 | UECD1 | NA | $18.28 | $16.84 | NA | $17.65 | NA | NA | NA | $15.92 |
| RC - 2-Wire Voice Grade Loop Zone 2 | UECD1 | NA | $22.34 | $19.45 | NA | $30.32 | NA | NA | NA | $20.79 |
| RC - 2-Wire Voice Grade Loop Zone 3 | UECD1 | NA | $27.97 | $30.92 | NA | $61.93 | NA | NA | NA | $27.18 |
| **Combination Rates** | | | | | | | | | | |
| RC - 2-Wire Voice Grade Loop with 2-Wire DID Port, Statewide | Note 8 | NA | TBD | TBD | NA | TBD | NA | TBD | NA | TBD |
| RC - 2-Wire Voice Grade Loop with 2-Wire DID Port, Zone 1 (Note 6) | Note 8 | NA | TBD | TBD | NA | TBD | NA | NA | NA | TBD |
| RC - 2-Wire Voice Grade Loop with 2-Wire DID Port, Zone 2 (Note 6) | Note 8 | NA | TBD | TBD | NA | TBD | NA | NA | NA | TBD |
| RC - 2-Wire Voice Grade Loop with 2-Wire DID Port, Zone 3 (Note 6) | Note 8 | NA | TBD | TBD | NA | TBD | NA | NA | NA | TBD |
| NRC- 2- Wire Voice Grade Loop with 2- Wire Line Port - 1st | TBD | NA | TBD | TBD | NA | TBD | NA | TBD | NA | TBD |
| NRC- 2- Wire Voice Grade Loop with 2- Wire Line Port - Addl | TBD | NA | TBD | TBD | NA | TBD | NA | TBD | NA | TBD |
| NRC - 2-Wire Voice Grade Loop/Line Port Combination - OSS LSR Charge, Electronic, per LSR received from the CLEC by one of the OSS interactive interfaces (Note 7) | SOMEC | NA | $3.50 | $3.50 | NA | $3.50 | NA | $3.50 | NA | $3.50 |
| NRC- 2- Wire Voice Grade Loop with 2- Wire Line Port - Incremental Cost- Manual Service Order - 1st | TBD | NA | TBD | TBD | NA | TBD | NA | TBD | NA | TBD |
| NRC- 2- Wire Voice Grade Loop with 2- Wire Line Port - Incremental Cost- Manual Service Order - Addl | TBD | NA | TBD | TBD | NA | TBD | NA | TBD | NA | TBD |
| **2-Wire ISDN Digital Grade Loop with 2-wire ISDN Digital Port** | | | | | | | | | | |
| **2-wire ISDN Digital Port, per month** | UEPPB | NA | TBD | TBD | NA | TBD | NA | TBD | NA | TBD |
| **2-Wire ISDN Digital Grade Loop** | | | | | | | | | | |
| RC - 2-Wire ISDN Digital Grade Loop - Statewide | USL2X | NA | NA | NA | NA | NA | NA | $19.08 | NA | NA |
| RC - 2-Wire ISDN Digital Grade Loop - Zone 1 | USL2X | NA | $32.34 | $21.89 | N A | $21.15 | N A | NA | N A | $15.92 |
| RC - 2-Wire ISDN Digital Grade Loop - Zone 2 | USL2X | NA | $47.35 | $25.27 | NA | $36.32 | NA | NA | NA | $20.79 |
| RC - 2-Wire ISDN Digital Grade Loop - Zone 3 | USL2X | NA | $104.47 | $40.17 | NA | $74.19 | NA | NA | NA | $27.18 |
| **Combination Rates** | | | | | | | | | | |
| RC - 2-Wire ISDN Digital Grade Loop with 2-wire ISDN Digital Port - Statewide | Note 8 | NA | NA | NA | NA | NA | NA | | NA | NA |
| RC - 2-Wire ISDN Digital Grade Loop with 2-wire ISDN Digital Port - Zone 1 | Note 8 | NA | TBD | TBD | NA | TBD | NA | TBD | NA | TBD |
| RC - 2-Wire ISDN Digital Grade Loop with 2-wire ISDN Digital Port - Zone 2 | Note 8 | NA | TBD | TBD | NA | TBD | NA | TBD | NA | TBD |
| RC - 2-Wire ISDN Digital Grade Loop with 2-wire ISDN Digital Port - Zone 3 | Note 8 | NA | TBD | TBD | NA | TBD | NA | TBD | NA | TBD |
| NRC - 2-Wire ISDN Digital Grade Loop/2-wire ISDN Digital Port - 1st conversion | USACB | NA | TBD | TBD | NA | TBD | NA | TBD | NA | TBD |
| NRC - 2-Wire ISDN Digital Grade Loop/2-wire ISDN Digital Port - Add'l conversion | USACB | NA | TBD | TBD | NA | TBD | NA | TBD | NA | TBD |

| 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 | NA | TBD | TBD | NA | TBD | NA | TBD | NA | TBD |
| NRC - 2-Wire Voice Grade Loop/Line Port Combination - OSS LSR Charge, Electronic, per LSR received from the CLEC by one of the OSS interactive interfaces (Note 7) | SOMEC | NA | $3.50 | $3.50 | NA | $3.50 | NA | $3.50 | NA | $3.50 |
| | | | | | | | | | | |
| **4 - Wire DS1 Digital Loop with 4 - Wire ISDN DS1 Digital Trunk Port** | | | | | NA | | NA | | NA | |
| **4 - Wire ISDN DS1 Digital Trunk Port** | UEPPP | NA | TBD | TBD | NA | TBD | NA | TBD | NA | TBD |
| **4 - Wire DS1 Digital Loop** | | NA | | | | | | | | |
| RC - 4- Wire DS1 Digital Loop- Statewide | USL4P | NA | NA | NA | NA | NA | NA | $62.71 | NA | NA |
| RC - 4- Wire DS1 Digital Loop- Zone 1 | USL4P | NA | $64.69 | $55.53 | NA | $56.32 | NA | NA | NA | $57.73 |
| RC - 4- Wire DS1 Digital Loop- Zone 2 | USL4P | NA | $94.71 | $64.13 | NA | $96.73 | NA | NA | NA | $75.40 |
| RC - 4- Wire DS1 Digital Loop- Zone 3 | USL4P | NA | $208.93 | $101.93 | NA | $197.57 | NA | NA | NA | $98.59 |
| **Combination Rates** | | | | | | | | | | |
| RC - 4-Wire DS1 Digital Loop with 4-wire ISDN DS1 Digital Port - Statewide | Note 8 | NA | NA | NA | NA | NA | NA | TBD | NA | NA |
| RC - 4-Wire DS1 Digital Loop with 4-wire ISDN DS1 Digital Port - Zone 1 | Note 8 | NA | TBD | TBD | NA | TBD | NA | NA | NA | TBD |
| RC - 4-Wire DS1 Digital Loop with 4-wire ISDN DS1 Digital Port - Zone 2 | Note 8 | NA | TBD | TBD | NA | TBD | NA | NA | NA | TBD |
| RC - 4-Wire DS1 Digital Loop with 4-wire ISDN DS1 Digital Port - Zone 3 | Note 8 | NA | TBD | TBD | NA | TBD | NA | NA | NA | TBD |
| NRC - 4-Wire DS1 Digital Loop with 4-wire ISDN DS1 Digital Port Combination - 1st conversion | TBD | NA | TBD | TBD | NA | TBD | NA | TBD | NA | TBD |
| NRC - 4-Wire DS1 Digital Loop with 4-wire ISDN DS1 Digital Port Combination - Add'l conversion | TBD | NA | TBD | TBD | NA | TBD | NA | TBD | NA | TBD |
| NRC -4 - Wire DS1 Digital Loop with 4 - Wire ISDN DS1 Digital Trunk Port - Subsequent Channel Activation - Per Channel | TBD | NA | TBD | TBD | NA | TBD | NA | TBD | NA | TBD |
| NRC -4 - Wire DS1 Digital Loop with 4 - Wire ISDN DS1 Digital Trunk Port - Subsequent Inward/2way Telephone Numbers | TBD | NA | TBD | TBD | NA | TBD | NA | TBD | NA | TBD |
| NRC -4 - Wire DS1 Digital Loop with 4 - Wire ISDN DS1 Digital Trunk Port - Subsequent Outward Telephone Numbers | TBD | NA | TBD | TBD | NA | TBD | NA | TBD | NA | TBD |
| NRC -4 - Wire DS1 Digital Loop with 4 - Wire ISDN DS1 Digital Trunk Port - Subsequent Inward Telephone Numbers | TBD | NA | TBD | TBD | NA | TBD | NA | TBD | NA | TBD |
| NRC -4 - Wire DS1 Digital Loop with 4 - Wire ISDN DS1 Digital Trunk Port - Subsequent Service Order Per Order | TBD | NA | TBD | TBD | NA | TBD | NA | TBD | NA | TBD |
| NRC - 2-Wire Voice Grade Loop/Line Port Combination - OSS LSR Charge, Electronic, per LSR received from the CLEC by one of the OSS interactive interfaces (Note 7) | SOMEC | NA | $3.50 | $3.50 | $3.50 | $3.50 | $3.50 | $3.50 | $3.50 | $3.50 |
| **4 - Wire DS1 Digital Loop with 4 - Wire DID Trunk Port** | | | | | | | NA | | | |
| **4 - Wire DID Trunk Port** | TBD | NA | TBD | TBD | NA | TBD | NA | TBD | NA | TBD |
| **4 - Wire DS1 Digital Loop** | | | | | | | | | | |
| RC - 4- Wire DS1 Digital Loop- Statewide | TBD | NA | NA | NA | NA | NA | NA | $62.71 | NA | NA |
| RC - 4- Wire DS1 Digital Loop- Zone 1 | TBD | NA | $64.69 | $55.53 | NA | $56.32 | NA | NA | NA | $57.73 |
| RC - 4- Wire DS1 Digital Loop- Zone 2 | TBD | NA | $94.71 | $64.13 | NA | $96.73 | NA | NA | NA | $75.40 |
| RC - 4- Wire DS1 Digital Loop- Zone 3 | TBD | NA | $208.93 | $101.93 | NA | $197.57 | NA | NA | NA | $98.59 |
| RC - 4-Wire DS1 Digital Loop with 4-wire DID Trunk Port - Statewide | Note 8 | NA | NA | NA | NA | NA | NA | TBD | NA | NA |
| RC - 4-Wire DS1 Digital Loop with 4-wire DID Trunk Port - Zone 1 | Note 8 | NA | TBD | TBD | NA | TBD | NA | NA | NA | TBD |
| RC - 4-Wire DS1 Digital Loop with 4-wire DID Trunk Port - Zone 2 | Note 8 | NA | TBD | TBD | NA | TBD | NA | NA | NA | TBD |
| RC - 4-Wire DS1 Digital Loop with 4-wire DID Trunk Port - Zone 3 | Note 8 | NA | TBD | TBD | NA | TBD | NA | NA | NA | TBD |
| NRC -4 - Wire DS1 Digital Loop with 4 - Wire DID Trunk Port - 1st | TBD | NA | TBD | TBD | NA | TBD | NA | TBD | NA | TBD |
| NRC -4 - Wire DS1 Digital Loop with 4 - Wire ISDN DS1 Digital Trunk Port - Addl | TBD | NA | TBD | TBD | NA | TBD | NA | TBD | NA | TBD |
| NRC -4 - Wire DS1 Digital Loop with 4 - Wire DIDTrunk Port - Subsequent Channel Activation - Per Channel | TBD | NA | TBD | TBD | NA | TBD | NA | TBD | NA | TBD |
| NRC -4 - Wire DS1 Digital Loop with 4 - Wire ISDN DS1 Digital Trunk Port - Subsequent Telephone Numbers | TBD | NA | TBD | TBD | NA | TBD | NA | TBD | NA | TBD |
| NRC -4 - Wire DS1 Digital Loop with 4 - Wire ISDN DS1 Digital Trunk Port - Subsequent Signaling Changes | TBD | NA | TBD | TBD | NA | TBD | NA | TBD | NA | TBD |
| NRC -4 - Wire DS1 Digital Loop with 4 - Wire ISDN DS1 Digital Trunk Port - Subsequent Service Order Per Order | TBD | NA | TBD | TBD | NA | TBD | NA | TBD | NA | TBD |

| DESCRIPTION | USOC | AL | FL | GA | KY | LA | MS | NC | SC | TN |
|---|---|---|---|---|---|---|---|---|---|---|
| NRC - 2-Wire Voice Grade Loop/Line Port Combination - OSS LSR Charge, Electronic, per LSR received from the CLEC by one of the OSS interactive interfaces (Note 7) | SOMEC | NA | $3.50 | $3.50 | $3.50 | $3.50 | $3.50 | $3.50 | $3.50 | $3.50 |
| | | | | | | | | | | |
| **2-Wire Voice Grade Loop with 2-Wire Line Port PBX** | | | | | | | | | | |
| **2-Wire Analog Line Port (PBX), per month** | | | | | | | | | | |
| 2 WIRE VOICE UNBUNDLED COMBINATION 2-WAY PBX TRUNK - Residence | UEPRD | NA | $14.00 | $14.00 | NA | $14.00 | NA | $14.00 | NA | $14.00 |
| LINE SIDE UNBUNDLED COMBINATION 2-WAY PBX TRUNK - BUSINESS | UEPPC | NA | $14.00 | $14.00 | NA | $14.00 | NA | $14.00 | NA | $14.00 |
| LINE SIDE UNBUNDLED OUTWARD PBX TRUNK - BUSINESS | UEPPO | NA | $14.00 | $14.00 | NA | $14.00 | NA | $14.00 | NA | $14.00 |
| LINE SIDE UNBUNDLED INCOMING PBX TRUNK - BUSINESS | UEPP1 | NA | $14.00 | $14.00 | NA | $14.00 | NA | $14.00 | NA | $14.00 |
| 2-WIRE VOICE UNBUNDLED 2-WAY COMBINATION PBX ALABAMA CALLING PORT | UEPA2 | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 2-WIRE VOICE UNBUNDLED 2-WAY COMBINATION PBX LOUISIANA CALLING PORT | UEPL2 | NA | NA | NA | NA | $14.00 | NA | NA | NA | NA |
| 2-WIRE VOICE UNBUNDLED PBX LD TERMINAL PORTS | UEPLD | NA | $14.00 | $14.00 | NA | $14.00 | NA | $14.00 | NA | $14.00 |
| 2-WIRE VOICE UNBUNDLED 2-WAY COMBINATION PBX TENNESSEE CALLING PORT | UEPT2 | NA | NA | NA | NA | NA | NA | NA | NA | $14.00 |
| 2-WIRE VOICE UNBUNDLED 1-WAY OUTGOING PBX TENNESSEE CALLING PORT | UEPTO | NA | NA | NA | NA | NA | NA | NA | NA | $14.00 |
| 2-WIRE VOICE UNBUNDLED 2-WAY COMBINATION PBX USAGE PORT | UEPXA | NA | $14.00 | $14.00 | NA | $14.00 | NA | $14.00 | NA | $14.00 |
| 2-WIRE VOICE UNBUNDLED PBX TOLL TERMINAL HOTEL PORTS | UEPXB | NA | $14.00 | $14.00 | NA | $14.00 | NA | $14.00 | NA | $14.00 |
| 2-WIRE VOICE UNBUNDLED PBX LD DDD TERMINALS PORT | UEPXC | NA | $14.00 | $14.00 | NA | $14.00 | NA | $14.00 | NA | $14.00 |
| 2-WIRE VOICE UNBUNDLED PBX LD TERMINAL SWITCHBOARD PORT | UEPXD | NA | $14.00 | $14.00 | NA | $14.00 | NA | $14.00 | NA | $14.00 |
| 2-WIRE VOICE UNBUNDLED PBX LD TERMINAL SWITCHBOARD IDD CAPABLE PORT | UEPXE | NA | $14.00 | $14.00 | NA | $14.00 | NA | $14.00 | NA | $14.00 |
| 2-WIRE VOICE UNBUNDLED 2-WAY PBX KENTUCKY ROOM AREA CALLING PORT WITHOUT LUD | UEPXF | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 2-WIRE VOICE UNBUNDLED PBX KENTUCKY LUD AREA CALLING PORT | UEPXG | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 2-WIRE VOICE UNBUNDLED PBX KENTUCKY PREMIUM CALLING PORT | UEPXH | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 2-WIRE VOICE UNBUNDLED 2-WAY KENTUCKY AREA CALLING PORT WITHOUT LUD | UEPXJ | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 2-WIRE VOICE UNBUNDLED 2-WAY PBX LOUISIANA LOCAL OPTIONAL CALLING PORT | UEPXK | NA | NA | NA | NA | $14.00 | NA | NA | NA | NA |
| 2-WIRE VOICE UNBUNDLED 2-WAY PBX HOTEL/HOSPITAL ECONOMY ADMINISTRATIVE CALLING PORT | UEPXL | NA | $14.00 | $14.00 | NA | $14.00 | NA | $14.00 | NA | $14.00 |
| 2-WIRE VOICE UNBUNDLED 2-WAY PBX HOTEL/HOSPITAL ECONOMY ROOM CALLING PORT | UEPXM | NA | $14.00 | $14.00 | NA | $14.00 | NA | $14.00 | NA | $14.00 |
| 2-WIRE VOICE UNBUNDLED 1-WAY OUTGOING PBX HOTEL/HOSPITAL ECONOMY ADMINIATRATIVE CALLING PORTTENNESSEE CALLING PORT | UEPXN | NA | NA | NA | NA | NA | NA | NA | NA | $14.00 |
| 2-WIRE VOICE UNBUNDLED 1-WAY OUTGOING PBX HOTEL/HOSPITAL DIACOUNT ROOM CALLING PORT | UEPXO | NA | $14.00 | $14.00 | NA | $14.00 | NA | $14.00 | NA | $14.00 |
| 2-WIRE VOICE UNBUNDLED 1-WAY OUTGOING PBX LOUISIANA LOCAL DISCOUNT CALLING PORT | UEPXP | NA | NA | NA | NA | $14.00 | NA | NA | NA | NA |
| 2-WIRE VOICE UNBUNDLED 2-WAY PBX MISSISSIPPI LOCAL ECONOMY CALLING PORT | UEPXQ | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 2-WIRE VOICE UNBUNDLED 2-WAY PBX MISSISSIPPI LOCAL OPTIONAL CALLING PORT | UEPXR | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 2-WIRE VOICE UNBUNDLED 1-WAY OUTGOING PBXMEASURED PORT | UEPXS | NA | $14.00 | $14.00 | NA | $14.00 | NA | $14.00 | NA | $14.00 |
| 2-WIRE VOICE UNBUNDLED 2-WAY PBX SOUTH CAROLINA AREA PLUS CALLING PORT | UEPXT | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 2-WIRE VOICE UNBUNDLED PBX COLLIERVILLE & MEMPHIS CALLING PORT | UEPXU | NA | NA | NA | NA | NA | NA | NA | NA | $14.00 |
| 2-WIRE VOICE UNBUNDLED 2-WAY PBX TENNESSEE REGIONSERV CALLING PORT | UEPXV | NA | NA | NA | NA | NA | NA | NA | NA | $14.00 |
| | | | | | | | | | | |
| LOCAL NUMBER PORTABILITY (REQUIRES ONE PER PORT) | LNPCP | | | | | | | | | |
| | | | | | | | | | | |
| **2-Wire Voice Grade Loop (SL1)** | | | | | | | | | | |
| RC - 2- Wire Voice Grade Loop - Statewide | UEPLX | NA | NA | NA | NA | NA | NA | $14.18 | NA | NA |

| DESCRIPTION | USOC | AL | FL | GA | KY | LA | MS | NC | SC | TN |
|---|---|---|---|---|---|---|---|---|---|---|
| RC - 2- Wire Voice Grade Loop - Zone 1 | UEPLX | NA | $13.75 | $10.80 | NA | $14.05 | NA | NA | NA | $15.92 |
| RC - 2- Wire Voice Grade Loop - Zone 2 | UEPLX | NA | $20.13 | $12.47 | NA | $24.14 | NA | NA | NA | $20.79 |
| RC - 2- Wire Voice Grade Loop - Zone 3 | UEPLX | NA | $44.40 | $19.83 | NA | $49.30 | NA | NA | NA | $27.18 |
| RC - 2- Wire Voice Grade Loop - Zone 4 | UEPLX | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| **Combination Rates** | | | | | | | | | | |
| RC - 2-Wire Voice Grade Loop with 2-Wire Line Port, Statewide | Note 8 | NA | NA | NA | NA | NA | NA | $28.18 | NA | NA |
| RC - 2-Wire Voice Grade Loop with 2-Wire Line Port, Zone 1 (Note 6) | Note 8 | NA | $27.75 | $24.80 | NA | $28.05 | NA | NA | NA | $29.92 |
| RC - 2-Wire Voice Grade Loop with 2-Wire Line Port, Zone 2 (Note 6) | Note 8 | NA | $34.13 | $26.47 | NA | $38.14 | NA | NA | NA | $34.79 |
| RC - 2-Wire Voice Grade Loop with 2-Wire Line Port, Zone 3 (Note 6) | Note 8 | NA | $58.40 | $33.83 | NA | $63.30 | NA | NA | NA | $41.18 |
| NRC - 2-Wire Voice Grade Loop/Line Port Combination - 1st, Switch as is | TBD | NA | $41.50 | $41.50 | NA | $41.50 | NA | $41.50 | NA | $41.50 |
| NRC - 2-Wire Voice Grade Loop/Line Port Combination - Add'l, Switch as is | TBD | NA | $41.50 | $41.50 | NA | $41.50 | NA | $41.50 | NA | $41.50 |
| NRC - 2-Wire Voice Grade Loop/Line Port Combination - 1st, Switch with change | TBD | NA | $41.50 | $41.50 | NA | $41.50 | NA | $41.50 | NA | $41.50 |
| NRC - 2-Wire Voice Grade Loop/Line Port Combination - Add'l, Switch with change | TBD | NA | $41.50 | $41.50 | NA | $41.50 | NA | $41.50 | NA | $41.50 |
| NRC - 2-Wire Voice Grade Loop/Line Port Combination - Subsequent | TBD | NA | $10.00 | $10.00 | $10.00 | $10.00 | NA | $10.00 | NA | $10.00 |
| NRC - 2-Wire Voice Grade Loop/Line Port Combination - OSS LSR Charge, Electronic, per LSR received from the CLEC by one of the OSS interactive interfaces (Note 7) | SOMEC | NA | $3.50 | $3.50 | NA | $3.50 | NA | $3.50 | NA | $3.50 |
| NRC - 2-Wire Voice Grade Loop/Line Port Combination - Incremental Cost - Manual Svc.Order vs. Electronic - 1st | SOMAN | NA | $19.99 | $33.67 | NA | $31.92 | NA | $40.18 | NA | $30.89 |
| NRC - 2-Wire Voice Grade Loop/Line Port Combination - Incremental Cost - Manual Svc.Order vs. Electronic - Add'l | SOMAN | NA | $19.99 | $7.88 | NA | $7.32 | NA | $9.45 | NA | $7.03 |
| NRC- 2 Wire Voice Grade Loop/Line Port Combination - Subsequent Database Update Electronic | TBD | NA | TBD | TBD | NA | $2.11 | NA | $1.42 | NA | TBD |
| NRC- 2 Wire Voice Grade Loop/Line Port Combination - Subsequent Database Update Manual Service Order | TBD | NA | TBD | TBD | NA | $5.12 | NA | $10.27 | NA | TBD |
| NRC - Incremental Manual Service Order Disconnect | TBD | NA | $20.00 | $20.00 | NA | $20.00 | NA | $20.00 | NA | $20.00 |
| **NRCs for New (not Currently Combined) in Georgia:** | | | | | | | | | | |
| NRC - 2-Wire Voice Grade Loop/Line Port Combination - 1st | TBD | NA | NA | $90.00 | NA | NA | NA | NA | NA | NA |
| NRC - 2-Wire Voice Grade Loop/Line Port Combination - Add'l | TBD | NA | NA | $90.00 | NA | NA | NA | NA | NA | NA |
| NRC - 2-Wire Voice Grade Loop/Line Port Combination - Subsequent | TBD | NA | NA | $10.00 | NA | NA | NA | NA | NA | NA |
| NRC - 2-Wire Voice Grade Loop with 2-Wire Line Port - New - Disconnect - 1st | TBD | NA | NA | $8.45 | NA | NA | NA | NA | NA | NA |
| NRC - 2-Wire Voice Grade Loop with 2-Wire Line Port - New - Disconnect - Add'l | TBD | NA | NA | $3.91 | NA | NA | NA | NA | NA | NA |
| NRC - 2-Wire Voice Grade Loop/Line Port Combination - OSS LSR Charge, Electronic, per LSR received from the CLEC by one of the OSS interactive interfaces | SOMEC | NA | NA | $3.50 | NA | NA | NA | NA | NA | NA |
| NRC - 2-Wire Voice Grade Loop with 2-Wire Line Port - Incremental Cost Manual vs. Electronic - New - 1st | TBD | NA | NA | $37.06 | NA | NA | NA | NA | NA | NA |
| NRC - 2-Wire Voice Grade Loop with 2-Wire Line Port - Incremental Cost Manual vs. Electronic - New - Add'l | TBD | NA | NA | $8.19 | NA | NA | NA | NA | NA | NA |
| NRC- 2 Wire Voice Grade Loop/Line Port Combination - Subsequent Database Update Electronic | TBD | NA | NA | TBD | NA | NA | NA | NA | NA | NA |
| NRC- 2 Wire Voice Grade Loop/Line Port Combination - Subsequent Database Update Manual Service Order | TBD | NA | NA | TBD | NA | NA | NA | NA | NA | NA |
| NRC - 2-Wire Voice Grade Loop with 2-Wire Line Port - Incremental Cost Manual vs. Electronic - New - Disconnect | TBD | NA | NA | $11.17 | NA | NA | NA | NA | NA | NA |
| | | | | | | | | | | |
| **COST BASED RATES (Notes 2 & 3)** | | | | | | | | | | |
| **Currently Combined** | | | | | | | | | | |
| **2-Wire Voice Grade Loop with 2-Wire Line Port** | | | | | | | | | | |
| **2-Wire Voice Grade Line Port (Res.), per month** | | | | | | | | | | |
| 2- wire voice unbundled port - residence | UEPRL | $2.20 | $2.00 | $1.79 | $2.61 | $2.55 | $2.12 | $2.28 | $3.69 | $1.90 |
| 2-wire voice unbundled port with caller ID - residence | UEPRC | $2.20 | $2.00 | $1.79 | $2.61 | $2.55 | $2.12 | $2.28 | $3.69 | $1.90 |
| 2-wire voice unbundled port outgoing only - residence | UEPRO | $2.20 | $2.00 | $1.79 | $2.61 | $2.55 | $2.12 | $2.28 | $3.69 | $1.90 |
| 2-wire voice unbundled area plus port with caller ID - residence | UEPRM | $2.20 | $2.00 | $1.79 | $2.61 | $2.55 | $2.12 | $2.28 | $3.69 | $1.90 |
| 2-wire voice unbundled Florida area calling with caller ID - residence | UEPAF | NA | $2.00 | NA | NA | NA | NA | NA | NA | NA |
| 2-wire voice unbundled Louisiana Area Plus with caller ID - residence (RUL) | UEPAG | NA | NA | NA | NA | $2.55 | NA | NA | NA | NA |
| 2-wire voice unbundled Louisiana Area Plus with caller ID - residence (AC7) | UEPAH | NA | NA | NA | NA | $2.55 | NA | NA | NA | NA |

| DESCRIPTION | USOC | AL | FL | GA | KY | LA | MS | NC | SC | TN |
|---|---|---|---|---|---|---|---|---|---|---|
| 2-wire voice unbundled South Carolina Area Calling port with Caller ID - residence (LW8) | UEPAJ | NA | NA | NA | NA | NA | NA | NA | $3.69 | NA |
| 2-wire voice unbundled Tennessee Area Calling port with Caller ID - residence (F2R) | UEPAK | NA | NA | NA | NA | NA | NA | NA | NA | $1.90 |
| 2-wire voice unbundled Tennessee Area Calling port with Caller ID - residence (TACER) | UEPAL | NA | NA | NA | NA | NA | NA | NA | NA | $1.90 |
| 2-wire voice unbundled Tennessee Area Calling port with Caller ID - residence (TACSR) | UEPAM | NA | NA | NA | NA | NA | NA | NA | NA | $1.90 |
| 2-wire voice unbundled Tennessee Area Calling port with Caller ID - residence (1MF2X) | UEPAN | NA | NA | NA | NA | NA | NA | NA | NA | $1.90 |
| 2-wire voice unbundled Tennessee Area Calling port with Caller ID - residence (2MR) | UEPAO | NA | NA | NA | NA | NA | NA | NA | NA | $1.90 |
| 2-wire voice unbundled res, low usage line port with Caller ID (LUM) | UEPAP | $2.20 | $2.00 | $1.79 | $2.61 | $2.55 | $2.12 | $2.28 | $3.69 | $1.90 |
| **2-Wire Voice Grade Line Port (Bus.), per month** | | | | | | | | | | |
| 2-wire voice unbundled port without Caller ID | UEPBL | $2.20 | $2.00 | $1.79 | $2.61 | $2.55 | $2.12 | $2.28 | $3.69 | $1.90 |
| 2-wire voice unbundled port with unbundled port with Caller+E484 ID | UEPBC | $2.20 | $2.00 | $1.79 | $2.61 | $2.55 | $2.12 | $2.28 | $3.69 | $1.90 |
| 2-wire voice unbundled outgoing only port | UEPBO | $2.20 | $2.00 | $1.79 | $2.61 | $2.55 | $2.12 | $2.28 | $3.69 | $1.90 |
| 2-wire voice unbundled area plus port with Caller ID | UEPBM | $2.20 | $2.00 | $1.79 | $2.61 | $2.55 | $2.12 | $2.28 | $3.69 | $1.90 |
| 2-wire voice unbundled incoming only port with Caller ID | UEPB1 | $2.20 | $2.00 | $1.79 | $2.61 | $2.55 | $2.12 | $2.28 | $3.69 | $1.90 |
| 2-wire voice unbundled LA Bus Area Calling Port with Caller ID (BUC) | UEPAA | NA | NA | NA | NA | $2.55 | NA | NA | NA | NA |
| 2-wire voice unbundled SC Bus Area Calling Port with Caller ID (LMB) | UEPAB | NA | NA | NA | NA | NA | NA | NA | $3.69 | NA |
| 2-wire voice unbundled TN Bus 2-Way Area Calling Port Economy Option (TACC1) | UEPAC | NA | NA | NA | NA | NA | NA | NA | NA | $1.90 |
| 2-wire voice unbundled TN Bus 2-Way Area Calling Port Standard Option (TACC2) | UEPAD | NA | NA | NA | NA | NA | NA | NA | NA | $1.90 |
| 2-wire voice unbundled TN Bus 2-WAY Collierville and Memphis Local Calling Port (B2F) | UEPAE | NA | NA | NA | NA | NA | NA | NA | NA | $1.90 |
| **2-Wire Voice Grade Loop (SL1)** | | | | | | | | | | |
| RC - 2- Wire Voice Grade Loop - Statewide | UEPLX | NA | NA | NA | NA | NA | NA | $14.18 | NA | NA |
| RC - 2- Wire Voice Grade Loop - Zone 1 | UEPLX | $14.35 | $13.75 | $10.80 | $14.79 | $14.05 | $14.59 | NA | $17.02 | $15.92 |
| RC - 2- Wire Voice Grade Loop - Zone 2 | UEPLX | $23.31 | $20.13 | $12.47 | $27.68 | $24.14 | $19.33 | NA | $25.66 | $20.79 |
| RC - 2- Wire Voice Grade Loop - Zone 3 | UEPLX | $42.24 | $44.40 | $19.83 | $47.78 | $49.30 | $27.63 | NA | $33.99 | $27.18 |
| RC - 2- Wire Voice Grade Loop - Zone 4 | UEPLX | NA | NA | NA | NA | NA | $36.47 | NA | NA | NA |
| **Combination Rates** | | | | | | | | | | |
| RC - 2-Wire Voice Grade Loop with 2-Wire Line Port, Statewide | Note 8 | NA | NA | NA | NA | NA | NA | $16.46 | NA | NA |
| RC - 2-Wire Voice Grade Loop with 2-Wire Line Port, Zone 1 (Note 6) | Note 8 | $16.55 | $15.75 | $12.59 | $17.40 | $16.60 | $16.71 | NA | $20.71 | $17.84 |
| RC - 2-Wire Voice Grade Loop with 2-Wire Line Port, Zone 2 (Note 6) | Note 8 | $25.51 | $22.13 | $14.26 | $30.29 | $26.69 | $21.45 | NA | $29.35 | $22.69 |
| RC - 2-Wire Voice Grade Loop with 2-Wire Line Port, Zone 3 (Note 6) | Note 8 | $44.44 | $46.40 | $21.62 | $50.39 | $51.85 | $29.75 | NA | $37.68 | $29.08 |
| RC - 2-Wire Voice Grade Loop with 2-Wire Line Port, Zone 4 (Note 6) | Note 8 | NA | NA | NA | NA | NA | $38.59 | NA | NA | NA |
| NRC - 2-Wire Voice Grade Loop/Line Port Combination - 1st, Switch as is | USAC2 | $2.80 | $1.46 | $2.01 | $10.00 | $3.80 | $5.20 | $2.77 | $1.59 | $1.03 |
| NRC - 2-Wire Voice Grade Loop/Line Port Combination - Add'l, Switch as is | USAC2 | $0.41 | $0.93 | $0.3108 | $10.00 | $0.29 | $0.41 | $0.40 | $0.40 | $0.2886 |
| NRC - 2-Wire Voice Grade Loop/Line Port Combination - 1st, Switch with change | USACC | $2.80 | $1.46 | $2.01 | $10.00 | $3.80 | $5.20 | $2.77 | $1.59 | $1.03 |
| NRC - 2-Wire Voice Grade Loop/Line Port Combination - Add'l, Switch with change | USACC | $0.41 | $0.93 | $0.3108 | $10.00 | $0.29 | $0.41 | $0.40 | $0.40 | $0.2886 |
| NRC - 2-Wire Voice Grade Loop/Line Port Combination - Subsequent | USAS2 | $10.00 | $10.00 | $10.00 | $10.00 | $10.00 | $10.00 | $10.00 | $10.00 | $10.00 |
| NRC - 2-Wire Voice Grade Loop/Line Port Combination - OSS LSR Charge, Electronic, per LSR received from the CLEC by one of the OSS interactive interfaces (Note 7) | SOMEC | $3.50 | $3.50 | $3.50 | $3.50 | $3.50 | $3.50 | $3.50 | $3.50 | $3.50 |
| NRC - 2-Wire Voice Grade Loop/Line Port Combination - Incremental Cost - Manual Svc.Order vs. Electronic - 1st | SOMAN | $40.71 | $19.99 | $33.67 | $19.99 | $31.92 | $43.52 | $40.18 | $43.19 | $30.89 |
| NRC - 2-Wire Voice Grade Loop/Line Port Combination - Incremental Cost - Manual Svc.Order vs. Electronic - Add'l | SOMAN | $9.58 | $19.99 | $7.88 | $19.99 | $7.32 | $9.99 | $9.45 | $9.91 | $7.03 |
| NRC- 2 Wire Voice Grade Loop/Line Port Combination - Subsequent Database Update Electronic | TBD | $1.44 | TBD | TBD | TBD | $2.11 | $2.87 | $1.42 | $0.71 | $0.76 |
| NRC- 2 Wire Voice Grade Loop/Line Port Combination - Subsequent Database Update Manual Service Order | TBD | $8.25 | TBD | TBD | TBD | $5.12 | $6.88 | $10.27 | $8.91 | $7.97 |
| NRC - Incremental Manual Service Order Disconnect | TBD | $20.00 | $20.00 | $20.00 | $20.00 | $20.00 | $20.00 | $20.00 | $20.00 | $20.00 |
| **NRCs for New (not Currently Combined) as ordered in Georgia:** | | | | | | | | | | |
| NRC - 2-Wire Voice Grade Loop with 2-Wire Line Port - New - 1st | TBD | NA | NA | $22.14 | NA | NA | NA | NA | NA | NA |

| DESCRIPTION | USOC | AL | FL | GA | KY | LA | MS | NC | SC | TN |
|---|---|---|---|---|---|---|---|---|---|---|
| NRC - 2-Wire Voice Grade Loop with 2-Wire Line Port - New - Add'l | TBD | NA | NA | $15.25 | NA | NA | NA | NA | NA | NA |
| NRC - 2-Wire Voice Grade Loop/Line Port Combination - Subsequent | USAS2 | NA | NA | $10.00 | NA | NA | NA | NA | NA | NA |
| NRC - 2-Wire Voice Grade Loop with 2-Wire Line Port - New - Disconnect - 1st | TBD | NA | NA | $8.45 | NA | NA | NA | NA | NA | NA |
| NRC - 2-Wire Voice Grade Loop with 2-Wire Line Port - New - Disconnect - Add'l | TBD | NA | NA | $3.91 | NA | NA | NA | NA | NA | NA |
| NRC - 2-Wire Voice Grade Loop/Line Port Combination - OSS LSR Charge, Electronic, per LSR received from the CLEC by one of the OSS interactive interfaces (Note 7) | SOMEC | NA | NA | $3.50 | NA | NA | NA | NA | NA | NA |
| NRC - 2-Wire Voice Grade Loop with 2-Wire Line Port - Incremental Cost Manual vs. Electronic - New - 1st | TBD | NA | NA | $37.06 | NA | NA | NA | NA | NA | NA |
| NRC - 2-Wire Voice Grade Loop with 2-Wire Line Port - Incremental Cost Manual vs. Electronic - New - Add'l | TBD | NA | NA | $8.19 | NA | NA | NA | NA | NA | NA |
| NRC- 2 Wire Voice Grade Loop/Line Port Combination - Subsequent Database Update Electronic | TBD | NA | NA | TBD | NA | NA | NA | NA | NA | NA |
| NRC- 2 Wire Voice Grade Loop/Line Port Combination - Subsequent Database Update Manual Service Order | TBD | NA | NA | TBD | NA | NA | NA | NA | NA | NA |
| NRC - 2-Wire Voice Grade Loop with 2-Wire Line Port - Incremental Cost Manual vs. Electronic - New - Disconnect | TBD | NA | NA | $11.17 | NA | NA | NA | NA | NA | NA |
| | | | | | | | | | | |
| **2- Wire Voice Grade Loop - Bus Only with 2 -Wire DID Trunk Port** | | | | | | | | | | |
| **2 - Wire Line Port - DID Trunk Port, per month** | UEPD1 | TBD | $9.60 | $11.35 | TBD | $13.12 | $14.63 | $12.12 | TBD | $8.78 |
| **2-Wire Voice Grade Loop (SL2)** | | | | | | | | | | |
| RC - 2- Wire Voice Grade Loop - Statewide | UECD1 | NA | NA | NA | NA | NA | NA | $11.76 | NA | NA |
| RC - 2- Wire Voice Grade Loop - Zone 1 | UECD1 | $17.95 | $18.28 | $16.84 | $17.27 | $17.65 | $18.35 | NA | $21.57 | $15.92 |
| RC - 2- Wire Voice Grade Loop - Zone 2 | UECD1 | $29.16 | $22.34 | $19.45 | $32.32 | $30.32 | $24.33 | NA | $32.53 | $20.79 |
| RC - 2- Wire Voice Grade Loop - Zone 3 | UECD1 | $52.84 | $27.97 | $30.92 | $55.78 | $61.93 | $34.77 | NA | $43.08 | $27.18 |
| RC - 2- Wire Voice Grade Loop - Zone 4 | UECD1 | NA | NA | NA | NA | NA | $45.88 | NA | NA | NA |
| **Combination Rates** | | | | | | | | | | |
| RC - 2-Wire Voice Grade Loop with 2-Wire DID Port, Statewide | Note 8 | NA | NA | NA | NA | NA | NA | $23.79 | NA | NA |
| RC - 2-Wire Voice Grade Loop with 2-Wire DID Port, Zone 1 (Note 6) | Note 8 | TBD | $27.88 | $28.19 | TBD | $30.77 | TBD | NA | TBD | $24.70 |
| RC - 2-Wire Voice Grade Loop with 2-Wire DID Port, Zone 2 (Note 6) | Note 8 | TBD | $31.94 | $30.80 | TBD | $43.44 | TBD | NA | TBD | $29.57 |
| RC - 2-Wire Voice Grade Loop with 2-Wire DID Port, Zone 3 (Note 6) | Note 8 | TBD | $37.57 | $42.27 | TBD | $75.05 | TBD | NA | TBD | $35.96 |
| RC - 2-Wire Voice Grade Loop with 2-Wire DID Port, Zone4 (Note 6) | Note 8 | NA | NA | NA | NA | NA | TBD | NA | NA | NA |
| NRC- 2- Wire Voice Grade Loop with 2- Wire DID Port - 1st | TBD | TBD | $14.73 | $14.73 | TBD | TBD | TBD | $13.26 | TBD | $8.76 |
| NRC- 2- Wire Voice Grade Loop with 2- Wire DID Port - Addl | TBD | TBD | $3.76 | $3.76 | TBD | TBD | TBD | $8.39 | TBD | $5.75 |
| NRC for New (not currently Combined ) as ordered in Georgia | | | | | | | | | | |
| NRC- 2- Wire Voice Grade Loop with 2- Wire DID Port - 1st | TBD | NA | NA | $166.08 | NA | NA | NA | NA | NA | NA |
| NRC- 2- Wire Voice Grade Loop with 2- Wire DID Port - Addl | TBD | NA | NA | $140.01 | NA | NA | NA | NA | NA | NA |
| NRC - 2-Wire Voice Grade Loop/Line Port Combination - OSS LSR Charge, Electronic, per LSR received from the CLEC by one of the OSS interactive interfaces (Note 7) | SOMEC | $3.50 | $3.50 | $3.50 | $3.50 | $3.50 | $3.50 | $3.50 | $3.50 | $3.50 |
| NRC- 2- Wire Voice Grade Loop with 2- Wire DID Port - Incremental Cost- Manual Service Order - 1st | TBD | TBD | TBD | $37.88 | TBD | TBD | TBD | $53.89 | TBD | $41.43 |
| NRC- 2- Wire Voice Grade Loop with 2- Wire DID Port - Incremental Cost- Manual Service Order - Addl | TBD | TBD | TBD | $16.84 | TBD | TBD | TBD | $11.34 | TBD | $9.80 |
| | | | | | | | | | | |
| **2-Wire ISDN Digital Grade Loop with 2-wire ISDN Digital Port** | | | | | | | | | | |
| **2-wire ISDN Digital Port per month** | UEPPB | $16.42 | $13.00 | $13.47 | $12.33 | $23.33 | $51.91 | $24.37 | $33.74 | $18.21 |
| **2-Wire ISDN Digital Grade Loop** | | | | | | | | | | |
| RC - 2-Wire ISDN Digital Grade Loop - Statewide | USL2X | NA | NA | NA | NA | NA | NA | $19.08 | NA | NA |
| RC - 2-Wire ISDN Digital Grade Loop - Zone 1 | USL2X | $23.23 | $32.34 | $21.89 | $23.66 | $21.15 | $21.86 | NA | $26.68 | $15.92 |
| RC - 2-Wire ISDN Digital Grade Loop - Zone 2 | USL2X | $37.74 | $47.35 | $25.27 | $44.28 | $36.32 | $28.97 | NA | $40.24 | $20.79 |
| RC - 2-Wire ISDN Digital Grade Loop - Zone 3 | USL2X | $68.38 | $104.47 | $40.17 | $76.42 | $74.19 | $41.40 | NA | $53.29 | $27.18 |
| RC - 2-Wire ISDN Digital Grade Loop - Zone 4 | USL2X | NA | NA | NA | NA | NA | $54.64 | NA | NA | NA |
| **Combination Rates** | | | | | | | | | | |
| RC - 2-Wire ISDN Digital Grade Loop with 2-wire ISDN Digital Port - Statewide | Note 8 | NA | NA | NA | NA | NA | NA | $43.45 | NA | NA |
| RC - 2-Wire ISDN Digital Grade Loop with 2-wire ISDN Digital Port - Zone 1 | Note 8 | $39.65 | $45.34 | $35.36 | $35.99 | $44.48 | $73.77 | NA | $60.42 | $34.13 |
| RC - 2-Wire ISDN Digital Grade Loop with 2-wire ISDN Digital Port - Zone 2 | Note 8 | $54.16 | $60.35 | $38.74 | $56.61 | $59.65 | $80.78 | NA | $73.98 | $39.00 |

| DESCRIPTION | USOC | AL | FL | GA | KY | LA | MS | NC | SC | TN |
|---|---|---|---|---|---|---|---|---|---|---|
| RC - 2-Wire ISDN Digital Grade Loop with 2-wire ISDN Digital Port - Zone 3 | Note 8 | $84.80 | $117.47 | $53.64 | $88.75 | $97.52 | $93.31 | NA | $87.03 | $45.39 |
| RC - 2-Wire ISDN Digital Grade Loop with 2-wire ISDN Digital Port - Zone 4 | Note 8 | NA | NA | NA | NA | NA | $106.55 | NA | NA | NA |
| NRC - 2-Wire ISDN Digital Grade Loop/2-wire ISDN Digital Port - 1st conversion | USACB | TBD | $3.02 | TBD | TBD | TBD | TBD | $174.35 | TBD | $117.23 |
| NRC - 2-Wire ISDN Digital Grade Loop/2-wire ISDN Digital Port - Add'l conversion | USACB | TBD | $2.49 | TBD | TBD | TBD | TBD | $174.35 | TBD | $117.23 |
| NRC - 2-Wire ISDN Digital Grade Loop/2-wire ISDN Digital Port - Non Feature Subsequent Activity | USASB | TBD | TBD | TBD | TBD | TBD | TBD | $286.15 | TBD | $212.88 |
| NRC - 2-Wire Voice Grade Loop/Line Port Combination - OSS LSR Charge, Electronic, per LSR received from the CLEC by one of the OSS interactive interfaces (Note 7) | SOMEC | $3.50 | $3.50 | $3.50 | $3.50 | $3.50 | $3.50 | $3.50 | $3.50 | $3.50 |
| | | | | | | | | | | |
| **4 - Wire DS1 Digital Loop with 4 - Wire ISDN DS1 Digital Trunk Port** | | | | | | | | | | |
| **4 - Wire ISDN DS1 Digital Trunk Port** | UEPPP | $186.02 | $125.00 | $163.16 | $275.48 | $194.72 | $213.21 | $179.01 | $214.79 | $78.40 |
| **4 - Wire DS1 Digital Loop** | | | | | | | | | | |
| RC - 4- Wire DS1 Digital Loop- Statewide | USL4P | NA | NA | NA | NA | NA | NA | $62.71 | NA | NA |
| RC - 4- Wire DS1 Digital Loop- Zone 1 | USL4P | $51.74 | $64.69 | $55.53 | $50.26 | $56.32 | $50.99 | NA | $59.61 | $57.73 |
| RC - 4- Wire DS1 Digital Loop- Zone 2 | USL4P | $84.05 | $94.71 | $64.13 | $94.06 | $96.73 | $67.58 | NA | $89.90 | $75.40 |
| RC - 4- Wire DS1 Digital Loop- Zone 3 | USL4P | $152.29 | $208.93 | $101.93 | $162.34 | $197.57 | $96.58 | NA | $119.06 | $98.59 |
| RC - 4-Wire DS1 Digital Loop - Zone 4 | USL4P | NA | NA | NA | NA | NA | $127.47 | NA | NA | NA |
| **Combination Rates** | | | | | | | | | | |
| RC - 4-Wire DS1 Digital Loop with 4-wire ISDN DS1 Digital Port - Statewide | Note 8 | NA | NA | NA | NA | NA | NA | $241.72 | NA | NA |
| RC - 4-Wire DS1 Digital Loop with 4-wire ISDN DS1 Digital Port - Zone 1 | Note 8 | $237.76 | $189.69 | $218.69 | $325.74 | $251.04 | $264.20 | NA | $274.40 | $136.13 |
| RC - 4-Wire DS1 Digital Loop with 4-wire ISDN DS1 Digital Port - Zone 2 | Note 8 | $270.07 | $219.71 | $227.29 | $369.54 | $291.45 | $280.79 | NA | $304.69 | $153.80 |
| RC - 4-Wire DS1 Digital Loop with 4-wire ISDN DS1 Digital Port - Zone 3 | Note 8 | $338.31 | $333.93 | $265.09 | $437.82 | $392.29 | $309.79 | NA | $333.85 | $176.99 |
| RC - 4-Wire DS1 Digital Loop with 4-wire ISDN DS1 Digital Port - Zone 4 | Note 8 | NA | NA | NA | NA | NA | $340.68 | NA | NA | NA |
| NRC - 4-Wire DS1 Digital Loop with 4-wire ISDN DS1 Digital Port Combination - 1st conversion | USACP | TBD | $2.00 | TBD | TBD | TBD | TBD | $481.51 | TBD | $328.53 |
| NRC - 4-Wire DS1 Digital Loop with 4-wire ISDN DS1 Digital Port Combination - Add'l conversion | USACP | TBD | $1.22 | TBD | TBD | TBD | TBD | $481.51 | TBD | $328.53 |
| NRC -4 - Wire DS1 Digital Loop with 4 - Wire ISDN DS1 Digital Trunk Port - Subsequent Channel Activation - Per Channel | USASP | TBD | $29.28 | TBD | TBD | TBD | TBD | $36.92 | TBD | $28.39 |
| NRC - 4-Wire DS1 Digital Loop with 4-wire ISDN DS1 Digital Port Combination - Subsequent Inward/2-way Telephone Numbers | PR7TG | TBD | $0.99 | TBD | TBD | TBD | TBD | $1.17 | TBD | $0.9353 |
| NRC - 4-Wire DS1 Digital Loop with 4-wire ISDN DS1 Digital Port Combination - Subsequent Outward Telephone numbers | PR7TP | TBD | $23.20 | TBD | TBD | TBD | TBD | $28.17 | TBD | $22.36 |
| NRC - 4-Wire DS1 Digital Loop with 4-wire ISDN DS1 Digital Port Combination - Subsequent Inward Telephone Numbers | PR7ZT | TBD | $46.41 | TBD | TBD | TBD | TBD | $56.33 | TBD | $44.71 |
| NRC - 4-Wire DS1 Digital Loop with 4-wire ISDN DS1 Digital Port Combination - Subsequent Service Order Per Order | USASP | TBD | TBD | TBD | TBD | TBD | TBD | $255.25 | TBD | $189.76 |
| NRC - 2-Wire Voice Grade Loop/Line Port Combination - OSS LSR Charge, Electronic, per LSR received from the CLEC by one of the OSS interactive interfaces (Note 7) | SOMEC | $3.50 | $3.50 | $3.50 | $3.50 | $3.50 | $3.50 | $3.50 | $3.50 | $3.50 |
| | | | | | | | | | | |
| **4 - Wire DS1 Digital Loop with 4 - Wire DID Trunk Port** | | | | | | | | | | |
| **4 - Wire DID Trunk Port** | TBD | TBD | $63.85 | $120.80 | TBD | $149.27 | $146.46 | $123.52 | TBD | $35.55 |
| **4 - Wire DS1 Digital Loop** | | | | | | | | | | |
| 4 - Wire DS1 Digital Loop - Statewide | TBD | NA | NA | | NA | NA | NA | $62.71 | NA | NA |
| 4 - Wire DS1 Digital Loop - Zone 1 | TBD | $51.74 | $64.69 | $55.53 | $50.26 | $56.32 | $50.99 | NA | $59.61 | $57.73 |
| 4 - Wire DS1 Digital Loop - Zone 2 | TBD | $84.05 | $94.71 | $64.13 | $94.06 | $96.73 | $67.58 | NA | $89.90 | $75.40 |
| 4 - Wire DS1 Digital Loop - Zone 3 | TBD | $152.29 | $208.93 | $101.93 | $162.34 | $197.57 | $96.58 | NA | $119.06 | $98.59 |
| 4 - Wire DS1 Digital Loop - Zone 4 | TBD | NA | NA | NA | NA | NA | $127.47 | NA | NA | NA |
| **Combination Rates** | | | | | | | | | | |
| 4 - Wire DS1 Digital Loop with 4 - Wire DID Trunk Port - Statewide | Note 8 | NA | NA | NA | NA | NA | NA | $186.23 | NA | NA |
| 4 - Wire DS1 Digital Loop with 4 - Wire DID Trunk Port - Zone 1 | Note 8 | TBD | $128.54 | $176.33 | TBD | $205.59 | $197.45 | NA | TBD | $93.28 |
| 4 - Wire DS1 Digital Loop with 4 - Wire DID Trunk Port - Zone 2 | Note 8 | TBD | $158.56 | $184.93 | TBD | $246.00 | $214.04 | NA | TBD | $110.95 |
| 4 - Wire DS1 Digital Loop with 4 - Wire DID Trunk Port - Zone 3 | Note 8 | TBD | $272.78 | $222.73 | TBD | $346.84 | $243.04 | NA | TBD | $134.14 |
| 4 - Wire DS1 Digital Loop with 4 - Wire DID Trunk Port - Zone 4 | Note 8 | NA | NA | NA | NA | NA | $273.93 | NA | NA | NA |

| DESCRIPTION | USOC | AL | FL | GA | KY | LA | MS | NC | SC | TN |
|---|---|---|---|---|---|---|---|---|---|---|
| NRC -4 - Wire DS1 Digital Loop with 4 - Wire DID Trunk Port - 1st | TBD | TBD | TBD | $320.64 | TBD | TBD | TBD | $490.38 | TBD | $312.91 |
| NRC -4 - Wire DS1 Digital Loop with 4 - Wire DID Trunk Port - Addl | TBD | TBD | TBD | $320.64 | TBD | TBD | TBD | $490.38 | TBD | $312.91 |
| NRCs for New(not Currently Combined) as ordered in Georgia | | | | | | | | | | |
| NRC -4 - Wire DS1 Digital Loop with 4 - Wire DID Trunk Port - 1st | TBD | NA | NA | $619.42 | NA | NA | NA | NA | NA | |
| NRC -4 - Wire DS1 Digital Loop with 4 - Wire DID Trunk Port - Addl | TBD | NA | NA | $320.64 | NA | NA | NA | NA | NA | |
| NRC -4 - Wire DS1 Digital Loop with 4 - Wire DIDTrunk Port - Subsequent Channel Activation - Per Channel | TBD | TBD | TBD | TBD | TBD | TBD | TBD | $146.91 | TBD | $108.67 |
| NRC -4 - Wire DS1 Digital Loop with 4 - Wire ISDN DS1 Digital Trunk Port - Subsequent Telephone Numbers | TBD | TBD | TBD | TBD | TBD | TBD | TBD | $120.96 | TBD | $88.68 |
| NRC -4 - Wire DS1 Digital Loop with 4 - Wire ISDN DS1 Digital Trunk Port - Subsequent Signaling Changes | TBD | TBD | TBD | TBD | TBD | TBD | TBD | $29.65 | TBD | $22.92 |
| NRC -4 - Wire DS1 Digital Loop with 4 - Wire ISDN DS1 Digital Trunk Port - Subsequent Service Order Per Order | TBD | TBD | TBD | TBD | TBD | TBD | TBD | $127.63 | TBD | $94.88 |
| NRC - 4-Wire DS1 Digital Loop with 4-Wire DID Trunk Port Combination - OSS LSR Charge, Electronic, per LSR received from the CLEC by one of the OSS interactive interfaces (Note 7) | SOMEC | $3.50 | $3.50 | $3.50 | $3.50 | $3.50 | $3.50 | $3.50 | $3.50 | $3.50 |
| NRC- 4-Wire DS1 Digital Loop with 4-Wire DID Trunk Port - Incremental Cost- Manual Service Order - 1st | TBD | TBD | TBD | $37.88 | TBD | TBD | TBD | TBD | TBD | TBD |
| NRC- 4-Wire DS1 Digital Loop with 4-Wire DID Trunk Port - Incremental Cost- Manual Service Order - Add'l | TBD | TBD | TBD | $16.84 | TBD | TBD | TBD | TBD | TBD | TBD |
| **2-Wire Voice Grade Loop with 2-Wire Line Port PBX** | | | | | | | | | | |
| **2-Wire Analog Line Port (PBX), per month** | | | | | | | | | | |
| 2 WIRE VOICE UNBUNDLED COMBINATION 2-WAY PBX TRUNK - Residence | UEPRD | $2.20 | $2.00 | $1.79 | $2.61 | $2.55 | $2.12 | $2.28 | $3.69 | $1.90 |
| LINE SIDE UNBUNDLED COMBINATION 2-WAY PBX TRUNK - BUSINESS | UEPPC | $2.20 | $2.00 | $1.79 | $2.61 | $2.55 | $2.12 | $2.28 | $3.69 | $1.90 |
| LINE SIDE UNBUNDLED OUTWARD PBX TRUNK - BUSINESS | UEPPO | $2.20 | $2.00 | $1.79 | $2.61 | $2.55 | $2.12 | $2.28 | $3.69 | $1.90 |
| LINE SIDE UNBUNDLED INCOMING PBX TRUNK - BUSINESS | UEPP1 | $2.20 | $2.00 | $1.79 | $2.61 | $2.55 | $2.12 | $2.28 | $3.69 | $1.90 |
| 2-WIRE VOICE UNBUNDLED 2-WAY COMBINATION PBX ALABAMA CALLING PORT | UEPA2 | $2.20 | NA | NA | NA | NA | NA | NA | NA | NA |
| 2-WIRE VOICE UNBUNDLED 2-WAY COMBINATION PBX LOUISIANA CALLING PORT | UEPL2 | NA | NA | NA | NA | $2.55 | NA | NA | NA | NA |
| 2-WIRE VOICE UNBUNDLED PBX LD TERMINAL PORTS | UEPLD | $2.20 | $2.00 | $1.79 | $2.61 | $2.55 | $2.12 | $2.28 | $3.69 | $1.90 |
| 2-WIRE VOICE UNBUNDLED 2-WAY COMBINATION PBX TENNESSEE CALLING PORT | UEPT2 | NA | NA | NA | NA | NA | NA | NA | NA | $1.90 |
| 2-WIRE VOICE UNBUNDLED 1-WAY OUTGOING PBX TENNESSEE CALLING PORT | UEPTO | NA | NA | NA | NA | NA | NA | NA | NA | $1.90 |
| 2-WIRE VOICE UNBUNDLED 2-WAY COMBINATION PBX USAGE PORT | UEPXA | $2.20 | $2.00 | $1.79 | $2.61 | $2.55 | $2.12 | $2.28 | $3.69 | $1.90 |
| 2-WIRE VOICE UNBUNDLED PBX TOLL TERMINAL HOTEL PORTS | UEPXB | $2.20 | $2.00 | $1.79 | $2.61 | $2.55 | $2.12 | $2.28 | $3.69 | $1.90 |
| 2-WIRE VOICE UNBUNDLED PBX LD DDD TERMINALS PORT | UEPXC | $2.20 | $2.00 | $1.79 | $2.61 | $2.55 | $2.12 | $2.28 | $3.69 | $1.90 |
| 2-WIRE VOICE UNBUNDLED PBX LD TERMINAL SWITCHBOARD PORT | UEPXD | $2.20 | $2.00 | $1.79 | $2.61 | $2.55 | $2.12 | $2.28 | $3.69 | $1.90 |
| 2-WIRE VOICE UNBUNDLED PBX LD TERMINAL SWITCHBOARD IDD CAPABLE PORT | UEPXE | $2.20 | $2.00 | $1.79 | $2.61 | $2.55 | $2.12 | $2.28 | $3.69 | $1.90 |
| 2-WIRE VOICE UNBUNDLED 2-WAY PBX KENTUCKY ROOM AREA CALLING PORT WITHOUT LUD | UEPXF | NA | NA | NA | $2.61 | NA | NA | NA | NA | NA |
| 2-WIRE VOICE UNBUNDLED PBX KENTUCKY LUD AREA CALLING PORT | UEPXG | NA | NA | NA | $2.61 | NA | NA | NA | NA | NA |
| 2-WIRE VOICE UNBUNDLED PBX KENTUCKY PREMIUM CALLING PORT | UEPXH | NA | NA | NA | $2.61 | NA | NA | NA | NA | NA |
| 2-WIRE VOICE UNBUNDLED 2-WAY KENTUCKY AREA CALLING PORT WITHOUT LUD | UEPXJ | NA | NA | NA | $2.61 | NA | NA | NA | NA | NA |
| 2-WIRE VOICE UNBUNDLED 2-WAY PBX LOUISIANA LOCAL OPTIONAL CALLING PORT | UEPXK | NA | NA | NA | NA | $2.55 | NA | NA | NA | NA |
| 2-WIRE VOICE UNBUNDLED 2-WAY PBX HOTEL/HOSPITAL ECONOMY ADMINISTRATIVE CALLING PORT | UEPXL | $2.20 | $2.00 | $1.79 | $2.61 | $2.55 | $2.12 | $2.28 | $3.69 | $1.90 |
| 2-WIRE VOICE UNBUNDLED 2-WAY PBX HOTEL/HOSPITAL ECONOMY ROOM CALLING PORT | UEPXM | $2.20 | $2.00 | $1.79 | $2.61 | $2.55 | $2.12 | $2.28 | $3.69 | $1.90 |
| 2-WIRE VOICE UNBUNDLED 1-WAY OUTGOING PBX HOTEL/HOSPITAL ECONOMY ADMINIATRATIVE CALLING PORTTENNESSEE CALLING PORT | UEPXN | NA | NA | NA | NA | NA | NA | NA | NA | $1.90 |
| 2-WIRE VOICE UNBUNDLED 1-WAY OUTGOING PBX HOTEL/HOSPITAL DIACOUNT ROOM CALLING PORT | UEPXO | $2.20 | $2.00 | $1.79 | $2.61 | $2.55 | $2.12 | $2.28 | $3.69 | $1.90 |

| 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 | NA | NA | NA | NA | $2.55 | NA | NA | NA | NA |
| 2-WIRE VOICE UNBUNDLED 2-WAY PBX MISSISSIPPI LOCAL ECONOMY CALLING PORT | UEPXQ | NA | NA | NA | NA | NA | $2.12 | NA | NA | NA |
| 2-WIRE VOICE UNBUNDLED 2-WAY PBX MISSISSIPPI LOCAL OPTIONAL CALLING PORT | UEPXR | NA | NA | NA | NA | NA | $2.12 | NA | NA | NA |
| 2-WIRE VOICE UNBUNDLED 1-WAY OUTGOING PBXMEASURED PORT | UEPXS | $2.20 | $2.00 | $1.79 | $2.61 | $2.55 | $2.12 | $2.28 | $3.69 | $1.90 |
| 2-WIRE VOICE UNBUNDLED 2-WAY PBX SOUTH CAROLINA AREA PLUS CALLING PORT | UEPXT | NA | NA | NA | NA | NA | NA | NA | $3.69 | NA |
| 2-WIRE VOICE UNBUNDLED PBX COLLIERVILLE & MEMPHIS CALLING PORT | UEPXU | NA | NA | NA | NA | NA | NA | NA | NA | $1.90 |
| 2-WIRE VOICE UNBUNDLED 2-WAY PBX TENNESSEE REGIONSERV CALLING PORT | UEPXV | NA | NA | NA | NA | NA | NA | NA | NA | $1.90 |
| | | | | | | | | | | |
| LOCAL NUMBER PORTABILITY (REQUIRES ONE PER PORT) | LNPCP | | | | | | | | | |
| | | | | | | | | | | |
| **2-Wire Voice Grade Loop (SL1)** | | | | | | | | | | |
| RC - 2- Wire Voice Grade Loop - Statewide | UEPLX | NA | NA | NA | NA | NA | NA | $14.18 | NA | NA |
| RC - 2- Wire Voice Grade Loop - Zone 1 | UEPLX | $14.35 | $13.75 | $10.80 | $14.79 | $14.05 | $14.59 | NA | $17.02 | $15.92 |
| RC - 2- Wire Voice Grade Loop - Zone 2 | UEPLX | $23.31 | $20.13 | $12.47 | $27.68 | $24.14 | $19.33 | NA | $25.66 | $20.79 |
| RC - 2- Wire Voice Grade Loop - Zone 3 | UEPLX | $42.24 | $44.40 | $19.83 | $47.78 | $49.30 | $27.63 | NA | $33.99 | $27.18 |
| RC - 2- Wire Voice Grade Loop - Zone 4 | UEPLX | NA | NA | NA | NA | NA | $36.47 | NA | NA | NA |
| **Combination Rates** | | | | | | | | | | |
| RC - 2-Wire Voice Grade Loop with 2-Wire Line Port, Statewide | Note 8 | NA | NA | NA | NA | NA | NA | $16.46 | NA | NA |
| RC - 2-Wire Voice Grade Loop with 2-Wire Line Port, Zone 1 (Note 6) | Note 8 | $16.55 | $15.75 | $12.59 | #VALUE! | $16.60 | $16.71 | NA | $20.71 | $17.84 |
| RC - 2-Wire Voice Grade Loop with 2-Wire Line Port, Zone 2 (Note 6) | Note 8 | $25.51 | $22.13 | $14.26 | #VALUE! | $26.69 | $21.45 | NA | $29.35 | $22.69 |
| RC - 2-Wire Voice Grade Loop with 2-Wire Line Port, Zone 3 (Note 6) | Note 8 | $44.44 | $46.40 | $21.62 | #VALUE! | $51.85 | $29.75 | NA | $37.68 | $29.08 |
| RC - 2-Wire Voice Grade Loop with 2-Wire Line Port, Zone 4 (Note 6) | Note 8 | NA | NA | NA | NA | NA | $38.59 | NA | NA | NA |
| NRC - 2-Wire Voice Grade Loop/Line Port Combination - 1st, Switch as is | USAC2 | $2.80 | $1.46 | $2.01 | $10.00 | $3.80 | $5.20 | $2.77 | $1.59 | $1.03 |
| NRC - 2-Wire Voice Grade Loop/Line Port Combination - Add'l, Switch as is | USAC2 | $0.41 | $0.93 | $0.3108 | $10.00 | $0.29 | $0.41 | $0.40 | $0.40 | $0.2886 |
| NRC - 2-Wire Voice Grade Loop/Line Port Combination - 1st, Switch with change | USACC | $2.80 | $1.46 | $2.01 | $10.00 | $3.80 | $5.20 | $2.77 | $1.59 | $1.03 |
| NRC - 2-Wire Voice Grade Loop/Line Port Combination - Add'l, Switch with change | USACC | $0.41 | $0.93 | $0.3108 | $10.00 | $0.29 | $0.41 | $0.40 | $0.40 | $0.2886 |
| NRC - 2-Wire Voice Grade Loop/Line Port Combination - Subsequent | USAS2 | $10.00 | $10.00 | $10.00 | $10.00 | $10.00 | $10.00 | $10.00 | $10.00 | $10.00 |
| NRC - 2-Wire Voice Grade Loop/Line Port Combination - OSS LSR Charge, Electronic, per LSR received from the CLEC by one of the OSS interactive interfaces (Note 7) | SOMEC | $3.50 | $3.50 | $3.50 | $3.50 | $3.50 | $3.50 | $3.50 | $3.50 | $3.50 |
| NRC - 2-Wire Voice Grade Loop/Line Port Combination - Incremental Cost - Manual Svc.Order vs. Electronic - 1st | SOMAN | $40.71 | $19.99 | $33.67 | $19.99 | $31.92 | $43.52 | $40.18 | $43.19 | $30.89 |
| NRC - 2-Wire Voice Grade Loop/Line Port Combination - Incremental Cost - Manual Svc.Order vs. Electronic - Add'l | SOMAN | $9.58 | $19.99 | $7.88 | $19.99 | $7.32 | $0.99 | $9.45 | $9.91 | $7.03 |
| | | | | | | | | | | |
| NRC- 2 Wire Voice Grade Loop/Line Port Combination - Subsequent Database Update Electronic | TBD | $1.44 | TBD | TBD | TBD | $2.11 | $2.87 | $1.42 | $0.71 | $0.76 |
| NRC- 2 Wire Voice Grade Loop/Line Port Combination - Subsequent Database Update Manual Service Order | TBD | $8.25 | TBD | TBD | TBD | $5.12 | $6.88 | $10.27 | $8.91 | $7.97 |
| NRC - Incremental Manual Service Order Disconnect | TBD | $20.00 | $20.00 | $20.00 | $20.00 | $20.00 | $20.00 | $20.00 | $20.00 | $20.00 |
| **NRCs for New (not Currently Combined) as ordered in Georgia:** | | | | | | | | | | |
| NRC - 2-Wire Voice Grade Loop with 2-Wire Line Port - New - 1st | TBD | NA | NA | $22.14 | NA | NA | NA | NA | NA | NA |
| NRC - 2-Wire Voice Grade Loop with 2-Wire Line Port - New - Add'l | TBD | NA | NA | $15.25 | NA | NA | NA | NA | NA | NA |
| NRC - 2-Wire Voice Grade Loop/Line Port Combination - Subsequent | USAS2 | NA | NA | $10.00 | NA | NA | NA | NA | NA | NA |
| NRC - 2-Wire Voice Grade Loop with 2-Wire Line Port - New - Disconnect - 1st | TBD | NA | NA | $8.45 | NA | NA | NA | NA | NA | NA |
| NRC - 2-Wire Voice Grade Loop with 2-Wire Line Port - New - Disconnect - Add'l | TBD | NA | NA | $3.91 | NA | NA | NA | NA | NA | NA |
| NRC - 2-Wire Voice Grade Loop/Line Port Combination - OSS LSR Charge, Electronic, per LSR received from the CLEC by one of the OSS interactive interfaces (Note 7) | SOMEC | NA | NA | $3.50 | NA | NA | NA | NA | NA | NA |
| NRC - 2-Wire Voice Grade Loop with 2-Wire Line Port - Incremental Cost Manual vs. Electronic - New - 1st | TBD | NA | NA | $37.06 | NA | NA | NA | NA | NA | NA |

| DESCRIPTION | USOC | AL | FL | GA | KY | LA | MS | NC | SC | TN |
|---|---|---|---|---|---|---|---|---|---|---|
| NRC - 2-Wire Voice Grade Loop with 2-Wire Line Port - Incremental Cost Manual vs. Electronic - New - Add'l | TBD | NA | NA | $8.19 | NA | NA | NA | NA | NA | NA |
| NRC- 2 Wire Voice Grade Loop/Line Port Combination - Subsequent Database Update Electronic | TBD | NA | NA | TBD | NA | NA | NA | NA | NA | NA |
| NRC- 2 Wire Voice Grade Loop/Line Port Combination - Subsequent Database Update Manual Service Order | TBD | NA | NA | TBD | NA | NA | NA | NA | NA | NA |
| NRC - 2-Wire Voice Grade Loop with 2-Wire Line Port - Incremental Cost Manual vs. Electronic - New - Disconnect | TBD | NA | NA | $11.17 | NA | NA | NA | NA | NA | NA |
| **All Other Loop/Port Combinations** | TBD | TBD | TBD | Note 2 | TBD | TBD | TBD | TBD | TBD | TBD |
| **LOCAL NUMBER PORTABILITY (REQUIRES ONE PER PORT)** | LNPCX | | | | | | | | | |

**NOTES:**

1. Market Rates will apply in those areas where BellSouth is not required to provide circuit switching pursuant to FCC rules.
2. In Georgia, rates will apply for Currently Combined as well as not Currently Combined loop/port combinations unless otherwise identified.
3. In the absence of ordered rates by a State Commission, the recurring rates for Currently Combined combinations of loop/port network elements will be the sum of the recurring rates for the UNEs which make up the combinations, and the nonrecurring rates shall be as set forth in this section.
4. Usage and Common Transport rates associated with the stand-alone UNE port elements will apply to all combinations of loop/port network elements.
5. Deleted
6. Effective May 1, 2000 statewide rates will be replaced by Deaveraged Loop Rates by Zone where available. Until approximately December 31, 2000 or until such time that BellSouth billing systems have been developed to handle the new zone rate structure, BellSouth will bill at the Zone 1 Deaveraged Loop rate level only. After December 31, 2000 or such time that the billing systems have been developed to handle the new zone rate structure, BellSouth will begin billing pursuant to CLEC-1's interconnection agreement.
7. In the absence of ordered OSS rates by a state commission, BellSouth will offer regionwide rates
8. There is not a unique combination USOC. CLEC should submit the loop and port USOCs.

| ENHANCED EXTENDED LINKS (EELs) | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| New EEL rates are the sum of the individual UNE network elements (interoffice transport and loop [channelization if applicable]. | | | | | | | | | | |
| | | | | | | | | | | |
| **DS1 Interoffice Channel and 2-wire VG Local Loop EEL:** | **USOC** | **AL** | **FL** | **GA** | **KY** | **LA** | **MS** | **NC** | **SC** | **TN** |
| **Recurring Charges** | | | | | | | | | | |
| 2-wire VG Loop per month, statewide | UEAL2 | NA | $17.00 | $16.51 | NA | $19.35 | NA | $19.50 | NA | $18.00 |
| 2-wire VG Loop per month, Zone 1 (Note 1) | TBD | NA | $13.75 | $16.84 | NA | $17.65 | NA | TBD | NA | $15.92 |
| 2-wire VG Loop per month, Zone 2 (Note 1) | TBD | NA | $20.13 | $19.45 | NA | $30.32 | NA | TBD | NA | $20.79 |
| 2-wire VG Loop per month, Zone 3 (Note 1) | NA | NA | $44.40 | $30.92 | NA | $61.93 | NA | TBD | NA | $27.18 |
| 2-wire VG Loop per month, Zone 4 (Note 1) | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Interoffice Channel - Dedicated - DS1 - per mile per month | 1L5XX | NA | $0.2035 | $0.31 | NA | $0.78 | NA | $0.78 | NA | $0.35 |
| Interoffice Channel - Dedicated - DS1 - Facility Termination per month | U1TF1 | NA | $93.31 | $63.39 | NA | $93.40 | NA | $93.40 | NA | $75.83 |
| DS1 Channelized System per month | MQ1 | NA | $154.74 | $127.60 | NA | $209.87 | NA | $209.87 | NA | $165.21 |
| VG (COCI) interface card per month | 1D1VG | NA | $1.46 | $1.18 | NA | $1.62 | NA | $1.62 | NA | $1.25 |
| **Non-Recurring Charges - New EEL (Note 2)(Note 3)** | | | | | | | | | | |
| NRC- DS1 interoffice Facility Termination - 1st | U1TF1 | NA | $370.81 | $169.57 | NA | $160.49 | NA | $217.17 | NA | $165.53 |
| NRC-DS1 interoffice Facility Termination - Add'l | U1TF1 | NA | $247.73 | $112.77 | NA | $123.03 | NA | $163.75 | NA | $124.84 |
| NRC-2-wire VG Local Loop - 1st | UEAL2 | NA | $271.29 | $122.51 | NA | $128.42 | NA | $142.97 | NA | $103.76 |
| NRC-2-wire VG Local Loop - Add'l | UEAL2 | NA | $104.90 | $81.48 | NA | $93.60 | NA | $106.56 | NA | $65.84 |
| NRC-DS1 Channelization System -1st | MQ1 | NA | $127.67 | $138.85 | NA | $220.07 | NA | $193.63 | NA | $222.87 |
| NRC-DS1 Channelization System - Add'l | MQ1 | NA | $29.75 | $92.34 | NA | $135.20 | NA | $118.37 | NA | $135.80 |
| NRC-VG(COCI)interface card -1st | 1D1VG | NA | $12.26 | $12.15 | NA | $12.29 | NA | $15.76 | NA | $12.61 |
| NRC-VG(COCI)interface card - Add' | 1D1VG | NA | $8.84 | $8.76 | NA | $8.80 | NA | $11.28 | NA | $9.03 |
| NRC- 2-wire VG Local Loop and Channelized DS1 Interoffice Combination - E | SOMEC | NA | $3.20 | $3.50 | NA | $3.50 | NA | $3.50 | NA | $3.50 |
| NRC- 2-wire VG Local Loop and Channelized DS1 Interoffice Combination - M | SOMAN | NA | $25.60 | NA | NA | NA | NA | NA | NA | $19.99 |
| NRC- 2-wire VG Local Loop and Channelized DS1 Interoffice Combination - M | SOMAN | NA | NA | $34.00 | NA | $242.20 | NA | $66.20 | NA | NA |
| NRC- 2-wire VG Local Loop and Channelized DS1 Interoffice Combination - M | SOMAN | NA | NA | $27.79 | NA | $153.37 | NA | $51.40 | NA | NA |
| NRC- 2-wire VG Local Loop and Channelized DS1 Interoffice Combination - M | SOMAN | NA | NA | $20.10 | NA | $45.91 | NA | NA | NA | NA |
| NRC- 2-wire VG Local Loop and Channelized DS1 Interoffice Combination - M | SOMAN | NA | NA | $11.98 | NA | $8.06 | NA | NA | NA | NA |
| | | | | | | | | | | |
| **DS1 Interoffice Channel and 4-wire VG Local Loop EEL:** | | | | | | | | | | |
| **Recurring Charges** | | | | | | | | | | |
| 4-wire VG Loop per month, statewide | UEAL4 | NA | $30.00 | $25.86 | NA | $31.52 | NA | $27.49 | NA | $18.00 |
| 4-wire VG Loop per month, Zone 1 (Note 1) | TBD | NA | $24.26 | $22.26 | NA | $24.36 | NA | NA | NA | $15.92 |
| 4-wire VG Loop per month, Zone 2 (Note 1) | TBD | NA | $35.51 | $78.35 | NA | $41.85 | NA | NA | NA | $20.79 |
| 4-wire VG Loop per month, Zone 3 (Note 1) | TBD | NA | $78.35 | $0.00 | NA | $86.47 | NA | NA | NA | $27.18 |
| 4-wire VG Loop per month, Zone 4 (Note 1) | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Interoffice Channel - Dedicated - DS1 - per mile per month | 1L5XX | NA | $0.2035 | $0.31 | NA | $0.78 | NA | $0.08 | NA | $0.35 |
| Interoffice Channel - Dedicated - DS1 - Facility Termination per month | U1TF1 | NA | $93.31 | $63.39 | NA | $93.40 | NA | $71.29 | NA | $75.83 |
| DS1 Channelized System per month | MQ1 | NA | $154.74 | $18.23 | NA | $209.87 | NA | $177.72 | NA | $165.21 |
| VG (COCI) interface card per month | 1D1VG | NA | $1.46 | $2.67 | NA | $1.62 | NA | $1.64 | NA | $1.25 |
| **Non-Recurring Charges - New EEL (Note 2) (Note 3)** | | | | | | | | | | |
| NRC- DS1 interoffice Facility Termination - 1st | U1TF1 | NA | $370.81 | $169.57 | NA | $160.49 | NA | $534.48 | NA | $165.53 |
| NRC-DS1 interoffice Facility Termination - Add'l | U1TF1 | NA | $247.73 | $112.77 | NA | $123.03 | NA | $462.69 | NA | $124.84 |
| NRC-4-wire VG Local Loop - 1st | UEAL4 | NA | $271.29 | $275.61 | NA | $128.42 | NA | $288.47 | NA | $103.76 |
| NRC-4-wire VG Local Loop - Add'l | UEAL4 | NA | $104.90 | $225.76 | NA | $93.60 | NA | $237.45 | NA | $65.84 |
| NRC-DS1 Channelization System -1st | MQ1 | NA | $127.67 | $138.85 | NA | $220.07 | NA | $301.74 | NA | $222.87 |
| NRC-DS1 Channelization System - Add'l | MQ1 | NA | $29.75 | $92.34 | NA | $135.20 | NA | $182.57 | NA | $135.80 |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **ENHANCED EXTENDED LINKS (EELs)** | | | | | | | | | | | |
| NRC-VG(COCI)interface card -1st | 1D1VG | NA | $12.26 | $12.15 | NA | $12.29 | NA | $15.76 | NA | $12.61 |
| NRC-VG(COCI)interface card - Add' | 1D1VG | NA | $8.84 | $8.78 | NA | $8.80 | NA | $11.28 | NA | $9.03 |
| NRC-DS1 interoffice channel and 4-wire VG Local Loop Combination - Electro | SOMEC | NA | $3.20 | $3.50 | NA | $3.50 | NA | $3.50 | NA | $3.50 |
| NRC-DS1 interoffice channel and 4-wire VG Local Loop Combination - Manua | SOMAN | NA | $25.60 | NA | NA | NA | NA | NA | NA | $19.99 |
| NRC-DS1 interoffice channel and 4-wire VG Local Loop Combination - Manua | SOMAN | NA | NA | $30.42 | NA | $242.20 | NA | $66.20 | NA | NA |
| NRC-DS1 interoffice channel and 4-wire VG Local Loop Combination - Manua | SOMAN | NA | NA | $18.76 | NA | $153.37 | NA | $51.40 | NA | NA |
| NRC-DS1 interoffice channel and 4-wire VG Local Loop Combination - Manua | SOMAN | NA | NA | $12.15 | NA | $45.91 | NA | NA | NA | NA |
| NRC-DS1 interoffice channel and 4-wire VG Local Loop Combination - Manua | SOMAN | NA | NA | $8.76 | NA | $8.06 | NA | NA | NA | NA |
| | | | | | | | | | | |
| **DS1 Interoffice Channel and 2-wire ISDN Local Loop:** | | | | | | | | | | |
| **Recurring Charges** | | | | | | | | | | |
| 2-wire ISDN Loop per month, statewide | U1L2X | NA | $40.00 | $25.43 | NA | $27.36 | NA | $24.98 | NA | $18.00 |
| 2-wire ISDN Loop per month, Zone 1 (Note 1) | TBD | NA | $32.34 | $21.89 | NA | $21.15 | NA | TBD | NA | $15.54 |
| 2-wire ISDN Loop per month, Zone 2 (Note 1) | TBD | NA | $47.35 | $25.27 | NA | $36.22 | NA | TBD | NA | $19.55 |
| 2-wire ISDN Loop per month, Zone 3 (Note 1) | TBD | NA | $104.47 | $40.17 | NA | $74.19 | NA | TBD | NA | $28.02 |
| 2-wire ISDN Loop per month, Zone 4 (Note 1) | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Interoffice Channel - Dedicated - DS1 - per mile per month | 1L5XX | NA | $0.2035 | $0.31 | NA | $0.78 | NA | $0.08 | NA | $0.35 |
| Interoffice Channel - Dedicated - DS1 - Facility Termination per month | U1TF1 | NA | $93.31 | $63.39 | NA | $93.40 | NA | $71.29 | NA | $75.83 |
| DS1 Channelized System per month | MQ1 | NA | $154.74 | $127.60 | NA | $209.87 | NA | $177.72 | NA | $165.21 |
| 2-wire ISDN(BRITE COCI) per month | UC1CA | NA | $3.86 | $3.41 | NA | $4.18 | NA | $3.76 | NA | $3.33 |
| **Non-Recurring Charges - New EEL (Note 2)(Note 3)** | | | | | | | | | | |
| NRC- DS1 interoffice Facility Termination - 1st | U1TF1 | NA | $370.81 | $169.57 | NA | $160.49 | NA | $217.17 | NA | $165.53 |
| NRC-DS1 interoffice Facility Termination - Add'l | U1TF1 | NA | $247.73 | $112.77 | NA | $123.03 | NA | $163.75 | NA | $124.84 |
| NRC- 2-wire ISDN Local Loop - 1st | U1L2X | NA | $271.29 | $122.51 | NA | $223.27 | NA | $325.91 | NA | $58.50 |
| NRC- 2-wire ISDN Local Loop - Add'l | U1L2X | NA | $104.90 | $81.48 | NA | $172.63 | NA | $251.31 | NA | $31.00 |
| NRC-DS1 Channelization System -1st | MQ1 | NA | $127.67 | $138.85 | NA | $220.07 | NA | $301.74 | NA | $222.87 |
| NRC-DS1 Channelization System - Add'l | MQ1 | NA | $29.75 | $92.34 | NA | $135.20 | NA | $182.57 | NA | $135.80 |
| NRC-2-wire BRITE(COCI)interface card -1st | UC1CA | NA | $12.26 | $12.15 | NA | $12.29 | NA | $15.76 | NA | $12.61 |
| NRC-2-wire BRITE(COCI)interface card -Add'l | UC1CA | NA | $8.84 | $8.76 | NA | $8.80 | NA | $11.28 | NA | $9.03 |
| NRC-DS1 interoffice channel and 2-wire ISDN Local Loop Combination - Elec | SOMEC | NA | $3.20 | $3.50 | NA | $3.50 | NA | $3.50 | NA | $3.50 |
| NRC-DS1 interoffice channel and 2-wire ISDN Local Loop Combination - Man | SOMAN | NA | $25.60 | NA | NA | NA | NA | NA | NA | $19.99 |
| NRC-DS1 interoffice channel and 2-wire ISDN Local Loop Combination - Man | SOMAN | NA | NA | $34.00 | NA | $57.58 | NA | $38.07 | NA | NA |
| NRC-DS1 interoffice channel and 2-wire ISDN Local Loop Combination - Man | SOMAN | NA | NA | $27.79 | NA | $36.31 | NA | $38.07 | NA | NA |
| NRC-DS1 interoffice channel and 2-wire ISDN Local Loop Combination - Man | SOMAN | NA | NA | $20.10 | NA | $16.12 | NA | NA | NA | NA |
| NRC-DS1 interoffice channel and 2-wire ISDN Local Loop Combination - Man | SOMAN | NA | NA | $11.98 | NA | $8.06 | NA | NA | NA | NA |
| | | | | | | | | | | |
| **DS1 Interoffice Channel and 4-wire 56 kbps Local Loop:** | | | | | | | | | | |
| **Recurring Charges** | | | | | | | | | | |
| 4-wire 56kbps Loop per month, statewide | UDL56 | NA | $48.33 | $29.92 | NA | $35.58 | NA | $32.67 | NA | $42.23 |
| 4-wire 56kbps Loop per month, Zone 1 (Note 1) | TBD | NA | $39.08 | $25.75 | NA | $27.50 | NA | TBD | NA | $36.45 |
| 4-wire 56kbps Loop per month, Zone 2 (Note 1) | TBD | NA | $57.21 | $29.74 | NA | $47.24 | NA | TBD | NA | $45.87 |
| 4-wire 56kbps Loop per month, Zone 3 (Note 1) | TBD | NA | $126.22 | $47.27 | NA | $96.48 | NA | TBD | NA | $65.75 |
| 4-wire 56kbps Loop per month, Zone 4 (Note 1) | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Interoffice Channel - Dedicated - DS1 - per mile per month | 1L5XX | NA | $0.2035 | $0.31 | NA | $0.78 | NA | $0.08 | NA | $0.35 |
| Interoffice Channel - Dedicated - DS1 - Facility Termination per month | U1TF1 | NA | $93.31 | $63.39 | NA | $93.40 | NA | $71.29 | NA | $75.83 |
| DS1 Channelized System per month | MQ1 | NA | $154.74 | $18.23 | NA | $209.87 | NA | $177.72 | NA | $165.21 |
| 4-wire 56kbps card COCI per month | 1D1DD | NA | $2.22 | $1.06 | NA | $3.12 | NA | $2.88 | NA | $2.46 |
| **Non-Recurring Charges - New EEL (Note 2) (Note 3)** | | | | | | | | | | |
| NRC- DS1 interoffice Facility Termination - 1st | U1TF1 | NA | $370.81 | $169.57 | NA | $160.49 | NA | $217.17 | NA | $165.53 |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **ENHANCED EXTENDED LINKS (EELs)** | | | | | | | | | | | |
| NRC-DS1 interoffice Facility Termination - Add'l | U1TF1 | NA | $247.73 | $112.77 | NA | $123.03 | NA | $163.75 | NA | $124.84 |
| NRC-4-wire 56kbps Local Loop - 1st | UDL56 | NA | $271.29 | $443.56 | NA | $333.28 | NA | $489.04 | NA | $643.00 |
| NRC-4-wire 56kbps Local Loop - Add'l | UDL56 | NA | $104.90 | $269.01 | NA | $230.50 | NA | $337.51 | NA | $421.26 |
| NRC-DS1 Channelization System -1st | MQ1 | NA | $127.67 | $138.85 | NA | $220.07 | NA | $301.74 | NA | $222.87 |
| NRC-DS1 Channelization System - Add'l | MQ1 | NA | $29.75 | $92.34 | NA | $135.20 | NA | $182.57 | NA | $135.80 |
| NRC-4-wire 56kbps(COCI)interface card -1st | 1D1DD | NA | $12.26 | $12.15 | NA | $12.29 | NA | $15.76 | NA | $12.61 |
| NRC-4-wire 56kbps(COCI)interface card -Add'l | 1D1DD | NA | $8.84 | $8.76 | NA | $8.80 | NA | $11.28 | NA | $9.03 |
| NRC-DS1 interoffice channel and 4-wire 56kbps Local Loop Combination - Ele | SOMEC | NA | $3.20 | $3.50 | NA | $3.50 | NA | $3.50 | NA | $3.50 |
| NRC-DS1 interoffice channel and 4-wire 56kbps Local Loop Combination - Ma | SOMAN | NA | $25.60 | NA | NA | NA | NA | NA | NA | $19.99 |
| NRC-DS1 interoffice channel and 4-wire 56kbps Local Loop Combination - Ma | SOMAN | NA | NA | $34.00 | NA | $242.20 | NA | $38.07 | NA | NA |
| NRC-DS1 interoffice channel and 4-wire 56kbps Local Loop Combination - Ma | SOMAN | NA | NA | $27.79 | NA | $153.37 | NA | $38.07 | NA | NA |
| NRC-DS1 interoffice channel and 4-wire 56kbps Local Loop Combination - Ma | SOMAN | NA | NA | $20.10 | NA | $45.91 | NA | NA | NA | NA |
| NRC-DS1 interoffice channel and 4-wire 56kbps Local Loop Combination - Ma | SOMAN | NA | NA | $11.98 | NA | $8.06 | NA | NA | NA | NA |
| | | | | | | | | | | |
| **DS1 Interoffice Channel and 4-wire 64 kbps Local Loop:** | | | | | | | | | | |
| **Recurring Charges** | | | | | | | | | | |
| 4-wire 64kbps Loop per month, statewide | UDL64 | NA | $48.33 | $29.92 | NA | NA | NA | $32.67 | NA | $42.23 |
| 4-wire 64kbps Loop per month, Zone 1 (Note 1) | TBD | NA | $39.08 | $25.75 | NA | $27.50 | NA | TBD | NA | $36.45 |
| 4-wire 64kbps Loop per month, Zone 2 (Note 1) | TBD | NA | $57.21 | $29.74 | NA | $47.24 | NA | TBD | NA | $45.87 |
| 4-wire 64kbps Loop per month, Zone 3 (Note 1) | TBD | NA | $126.22 | $47.27 | NA | $96.48 | NA | TBD | NA | $65.75 |
| 4-wire 64kbps Loop per month, Zone 4 (Note 1) | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Interoffice Channel - Dedicated - DS1 - per mile per month | 1L5XX | NA | $0.2035 | $0.31 | NA | $0.78 | NA | $0.08 | NA | $0.35 |
| Interoffice Channel - Dedicated - DS1 - Facility Termination per month | U1TF1 | NA | $93.31 | $63.39 | NA | $93.40 | NA | $71.29 | NA | $75.83 |
| DS1 Channelized System per month | MQ1 | NA | $154.74 | $18.23 | NA | $209.87 | NA | $177.72 | NA | $165.21 |
| 4-wire 64kbps card COCI per month | 1D1DD | NA | $1.06 | $1.06 | NA | $3.12 | NA | $2.88 | NA | $2.46 |
| **Non-Recurring Charges - New EEL (Note 2) (Note 3)** | | | | | | | | | | |
| NRC- DS1 interoffice - 1st | U1TF1 | NA | $370.81 | $169.57 | NA | $160.49 | NA | $217.17 | NA | $165.53 |
| NRC- DS1 interoffice - Add'l | U1TF1 | NA | $247.73 | $112.77 | NA | $123.03 | NA | $163.75 | NA | $124.84 |
| NRC-4-wire 64kbps Local Loop - 1st | UDL64 | NA | $271.29 | $443.56 | NA | $333.28 | NA | $489.04 | NA | $103.76 |
| NRC-4-wire 64kbps Local Loop - Add'l | UDL64 | NA | $104.90 | $269.01 | NA | $230.50 | NA | $337.51 | NA | $65.84 |
| NRC-DS1 Channelization System -1st | MQ1 | NA | $127.67 | $138.85 | NA | $220.07 | NA | $301.74 | NA | $222.87 |
| NRC-DS1 Channelization System - Add'l | MQ1 | NA | $29.75 | $92.34 | NA | $135.20 | NA | $288.33 | NA | $135.80 |
| NRC-4-wire 64kbps(COCI)interface card -1st | 1D1DD | NA | $12.26 | $12.15 | NA | $12.29 | NA | $15.76 | NA | $12.61 |
| NRC-4-wire 64kbps(COCI)interface card -Add'l | 1D1DD | NA | $8.84 | $8.76 | NA | $8.80 | NA | $11.28 | NA | $9.03 |
| NRC-DS1 interoffice channel and 4-wire 64kbps Local Loop Combination - Ele | SOMEC | NA | $3.20 | $3.50 | NA | $3.50 | NA | $3.50 | NA | $3.50 |
| NRC-DS1 interoffice channel and 4-wire 64kbps Local Loop Combination - Ma | SOMAN | NA | $25.60 | NA | NA | NA | NA | NA | NA | $19.99 |
| NRC-DS1 interoffice channel and 4-wire 64kbps Local Loop Combination - Ma | SOMAN | NA | NA | $34.00 | NA | $242.20 | NA | $38.07 | NA | NA |
| NRC-DS1 interoffice channel and 4-wire 64kbps Local Loop Combination - Ma | SOMAN | NA | NA | $27.79 | NA | $153.37 | NA | $38.07 | NA | NA |
| NRC-DS1 interoffice channel and 4-wire 64kbps Local Loop Combination - Ma | SOMAN | NA | NA | $20.10 | NA | $45.91 | NA | NA | NA | NA |
| NRC-DS1 interoffice channel and 4-wire 64kbps Local Loop Combination - Ma | SOMAN | NA | NA | $11.98 | NA | $8.06 | NA | NA | NA | NA |
| | | | | | | | | | | |
| **DS1 Interoffice Channel and DS1 Interoffice Local Loop:** | | | | | | | | | | |
| **Recurring Charges** | | | | | | | | | | |
| DS1 Loop per month,State wide | USLXX | NA | $80.00 | $64.52 | NA | $72.86 | NA | $62.78 | NA | NA |
| DS1 Loop per month, Zone 1 (Note 1) | TBD | NA | $64.69 | $55.53 | NA | $56.32 | NA | TBD | NA | NA |
| DS1 Loop per month, Zone 2 (Note 1) | TBD | NA | $94.71 | $64.13 | NA | $96.73 | NA | TBD | NA | NA |
| DS1 Loop per month, Zone 3 (Note 1) | TBD | NA | $208.93 | $101.93 | NA | $197.57 | NA | TBD | NA | NA |
| DS1 Loop per month, Zone 4 (Note 1) | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Interoffice Channel - Dedicated - DS1 - per mile per month | 1L5XX | NA | $0.2035 | $0.31 | NA | $0.78 | NA | $0.08 | NA | NA |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **ENHANCED EXTENDED LINKS (EELs)** | | | | | | | | | | | |
| Interoffice Channel - Dedicated - DS1 - Facility Termination per month | U1TF1 | NA | $93.31 | $63.39 | NA | $93.40 | NA | $71.29 | NA | NA |
| **Non-Recurring Charges - New EEL (Note 2) (Note 3)** | | | | | | | | | | |
| NRC- DS1 interoffice - 1st | U1TF1 | NA | $370.81 | $169.57 | NA | $160.49 | NA | $217.17 | NA | NA |
| NRC- DS1 interoffice - Add'l | U1TF1 | NA | $247.73 | $112.77 | NA | $123.03 | NA | $163.75 | NA | NA |
| NRC-DS1 Local Loop - 1st | USLXX | NA | $434.24 | $535.73 | NA | $502.73 | NA | $714.84 | NA | NA |
| NRC-DS1 Local Loop - Add'l | USLXX | NA | $235.29 | $227.04 | NA | $293.92 | NA | $421.47 | NA | NA |
| NRC-DS1 interoffice channel and DS1 Local Loop Combination - Electronic S | SOMEC | NA | $3.20 | $3.50 | NA | $3.50 | NA | $3.50 | NA | $3.50 |
| NRC-DS1 interoffice channel and DS1 Local Loop Combination - Manual Svc | SOMAN | NA | $25.60 | NA | NA | NA | NA | NA | NA | $19.99 |
| NRC-DS1 interoffice channel and DS1 Local Loop Combination - Manual Svc | SOMAN | NA | NA | $34.00 | NA | $242.20 | NA | $38.07 | NA | NA |
| NRC-DS1 interoffice channel and DS1 Local Loop Combination - Manual Svc | SOMAN | NA | NA | $27.79 | NA | $153.37 | NA | $38.07 | NA | NA |
| NRC-DS1 interoffice channel and DS1 Local Loop Combination - Manual Svc | SOMAN | NA | NA | $20.10 | NA | $45.91 | NA | NA | NA | NA |
| NRC-DS1 interoffice channel and DS1 Local Loop Combination - Manual Svc | SOMAN | NA | NA | $11.98 | NA | $8.06 | NA | NA | NA | NA |
| | | | | | | | | | | |
| **DS3 Interoffice Channel and DS3 Local Loop:** | | | | | | | | | | |
| **Recurring Charges** | | | | | | | | | | |
| DS3 Loop per Facility Termination per month | UE3PX | NA | $407.58 | $394.59 | NA | $669.01 | NA | $387.01 | NA | $607.28 |
| DS3 Loop per mile | 1L5ND | NA | $11.97 | $8.99 | NA | $30.34 | NA | $32.53 | NA | $23.76 |
| Interoffice Channel - Dedicated - DS3 - FacilityTermination per month | 1L5XX | NA | $1,130 | $717.60 | NA | $1,101 | NA | $720.38 | NA | $760.20 |
| Interoffice Channel - Dedicated - DS3 - per mile per month | U1TF3 | NA | $4.25 | $0.31 | NA | $14.04 | NA | $12.98 | NA | $5.89 |
| **Non-Recurring Charges - New EEL (Note 2)(Note 3)** | | | | | | | | | | |
| NRC- DS3 interoffice - 1st | U1TF3 | NA | $682.89 | $456.02 | NA | $713.57 | NA | $794.94 | NA | $729.27 |
| NRC- DS3 interoffice - Add'l | U1TF3 | NA | $288.32 | $255.71 | NA | $404.36 | NA | $579.55 | NA | $411.98 |
| NRC-DS3 Local Loop - 1st | UE3PX | NA | $502.08 | $770.12 | NA | $811.30 | NA | $964.04 | NA | $829.52 |
| NRC-DS3 Local Loop - Add'l | UE3PX | NA | $307.56 | $551.49 | NA | $502.09 | NA | $542.73 | NA | $512.23 |
| NRC-DS3 interoffice channel and DS3 Local Loop Combination - Electronic S | SOMEC | NA | $3.20 | $3.50 | NA | $3.50 | NA | $3.50 | NA | $3.50 |
| NRC-DS3 interoffice channel and DS3 Local Loop Combination - Manual Svc | SOMAN | NA | $25.60 | NA | NA | NA | NA | NA | NA | $19.99 |
| NRC-DS3 interoffice channel and DS3 Local Loop Combination - Manual Svc | SOMAN | NA | NA | $37.96 | NA | $100.50 | NA | $56.25 | NA | NA |
| NRC-DS3 interoffice channel and DS3 Local Loop Combination - Manual Svc | SOMAN | NA | NA | $37.96 | NA | $100.50 | NA | $56.25 | NA | NA |
| NRC-DS3 interoffice channel and DS3 Local Loop Combination - Manual Svc | SOMAN | NA | NA | $18.23 | NA | $41.88 | NA | NA | NA | NA |
| NRC-DS3 interoffice channel and DS3 Local Loop Combination - Manual Svc | SOMAN | NA | NA | $18.23 | NA | $41.88 | NA | NA | NA | NA |
| | | | | | | | | | | |
| **STS-1 Interoffice Channel and STS-1 Local Loop:** | | | | | | | | | | |
| **Recurring Charges** | | | | | | | | | | |
| STS-1 Loop per Facility Termination per month | UDLS1 | NA | $449.40 | $426.19 | NA | $497.08 | NA | $387.01 | NA | $400.21 |
| STS-1 Loop per mile | 1L5ND | NA | $11.97 | $8.99 | NA | $497.08 | NA | $32.53 | NA | $30.53 |
| Interoffice Channel - Dedicated - STS-1 - FacilityTermination per month | U1TFS | NA | $1,114 | $792.17 | NA | $1,101 | NA | $800.94 | NA | $838.65 |
| Interoffice Channel - Dedicated - STS-1 - per mile per month | 1L5XX | NA | $4.25 | $2.75 | NA | $14.04 | NA | $6.29 | NA | $6.88 |
| **Non-Recurring Charges - New EEL (Note 2)(Note 3)** | | | | | | | | | | |
| NRC- STS-1 interoffice - 1st | U1TFS | NA | $682.89 | $640.32 | NA | $713.57 | NA | $624.86 | NA | $961.62 |
| NRC- STS-1 interoffice - Add'l | U1TFS | NA | $288.32 | $575.26 | NA | $404.36 | NA | $436.36 | NA | $625.84 |
| NRC-STS-1 Local Loop - 1st | UDLS1 | NA | $502.08 | $770.12 | NA | $811.30 | NA | $964.04 | NA | $829.52 |
| NRC-STS-1 Local Loop - Add'l | UDLS1 | NA | $307.56 | $551.49 | NA | $502.09 | NA | $542.73 | NA | $512.23 |
| NRC-STS-1 interoffice channel and STS-1 Local Loop Combination - Electron | SOMEC | NA | $3.20 | $3.50 | NA | $3.50 | NA | $3.50 | NA | $3.50 |
| NRC-STS-1 interoffice channel and STS-1 Local Loop Combination - Manual | SOMAN | NA | $25.60 | NA | NA | NA | NA | NA | NA | $19.99 |
| NRC-STS-1 interoffice channel and STS-1 Local Loop Combination - Manual | SOMAN | NA | NA | $37.96 | NA | $100.50 | NA | $55.00 | NA | NA |
| NRC-STS-1 interoffice channel and STS-1 Local Loop Combination - Manual | SOMAN | NA | NA | $37.96 | NA | $100.50 | NA | $55.00 | NA | NA |
| NRC-STS-1 interoffice channel and STS-1 Local Loop Combination - Manual | SOMAN | NA | NA | $18.23 | NA | $41.88 | NA | NA | NA | NA |
| NRC-STS-1 interoffice channel and STS-1 Local Loop Combination - Manual | SOMAN | NA | NA | $18.23 | NA | $41.88 | NA | NA | NA | NA |
| | | | | | | | | | | |

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|---|---|---|---|---|---|---|---|---|---|---|---|
| **ENHANCED EXTENDED LINKS (EELs)** | | | | | | | | | | | |
| **DS3 Interoffice Channel and DS1 Local Loop:** | | | | | | | | | | | |
| **Recurring Charges** | | | | | | | | | | | |
| DS1 Loop per month,State wide | USLXX | NA | $80.00 | $60.88 | NA | $72.86 | NA | $62.78 | NA | NA |
| DS1 Loop per month, Zone 1 (Note 1) | TBD | NA | $64.69 | $55.53 | NA | $56.32 | NA | TBD | NA | NA |
| DS1 Loop per month, Zone 2 (Note 1) | TBD | NA | $94.71 | $64.13 | NA | $96.73 | NA | TBD | NA | NA |
| DS1 Loop per month, Zone 3 (Note 1) | TBD | NA | $208.93 | $101.93 | NA | $197.57 | NA | TBD | NA | NA |
| DS1 Loop per month, Zone 4 (Note 1) | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Interoffice Channel - Dedicated - DS3 - FacilityTermination per month | U1TF3 | NA | $1,130 | $717.60 | NA | $1,101 | NA | $720.38 | NA | NA |
| Interoffice Channel - Dedicated - DS3 - per mile per month | 1L5XX | NA | $4.25 | $6.46 | NA | $14.04 | NA | $12.98 | NA | NA |
| DS3 Channelized System per month | MQ3 | NA | $222.61 | $202.91 | NA | $245.84 | NA | $226.81 | NA | NA |
| DS3 Interface per month (DS1 COCI) | UC1D1 | NA | $14.51 | $0.67 | NA | $7.55 | NA | $4.61 | NA | NA |
| **Non-Recurring Charges - New EEL (Note 2)(Note 3)** | | | | | | | | | | |
| NRC- DS3 interoffice - 1st | U1TF3 | NA | $682.89 | $456.02 | NA | $713.57 | NA | $794.94 | NA | NA |
| NRC- DS3 interoffice - Add'l | U1TF3 | NA | $288.32 | $255.71 | NA | $404.36 | NA | $579.55 | NA | NA |
| NRC-DS1 Local Loop - 1st | USLXX | NA | $434.24 | $343.73 | NA | $502.73 | NA | $714.84 | NA | NA |
| NRC-DS1 Local Loop - Add'l | USLXX | NA | $235.29 | $192.75 | NA | $293.92 | NA | $421.47 | NA | NA |
| NRC-DS3 Channelization System -1st | MQ3 | NA | $240.04 | $189.93 | NA | $320.72 | NA | $351.95 | NA | NA |
| NRC-DS3 Channelization System - Add'l | MQ3 | NA | $106.82 | $106.50 | NA | $233.10 | NA | $243.76 | NA | NA |
| NRC-DS1(COCI)interface card -1st | UC1D1 | NA | $12.26 | $12.15 | NA | $12.29 | NA | $15.76 | NA | NA |
| NRC-DS1(COCI)interface card -Add'l | UC1D1 | NA | $8.84 | $8.76 | NA | $8.80 | NA | $11.28 | NA | NA |
| NRC-DS3 interoffice channel and DS1 Local Loop Combination - Electronic S | SOMEC | NA | $3.20 | $3.50 | NA | $3.50 | NA | $3.50 | NA | NA |
| NRC-DS3 interoffice channel and DS1 Local Loop Combination - Manual Svc | SOMAN | NA | $25.60 | $34.00 | NA | NA | NA | NA | NA | NA |
| NRC-DS3 interoffice channel and DS1 Local Loop Combination - Manual Svc | SOMAN | NA | NA | $27.79 | NA | $36.28 | NA | $91.26 | NA | NA |
| NRC-DS3 interoffice channel and DS1 Local Loop Combination - Manual Svc | SOMAN | NA | NA | $20.10 | NA | $26.20 | NA | $91.26 | NA | NA |
| NRC-DS3 interoffice channel and DS1 Local Loop Combination - Manual Svc | SOMAN | NA | NA | $11.98 | NA | $19.47 | NA | NA | NA | NA |
| NRC-DS3 interoffice channel and DS1 Local Loop Combination - Manual Svc | SOMAN | NA | NA | GA | NA | $8.06 | NA | NA | NA | NA |
| | | | | | | | | | | |
| **STS-1 Interoffice Channel and DS1 Local Loop:** | | | | | | | | | | |
| **Recurring Charges** | | | | | | | | | | |
| DS1 Loop per month,State wide | USLXX | NA | $80.00 | $60.88 | NA | $72.86 | NA | $62.78 | NA | NA |
| DS1 Loop per month, Zone 1 (Note 1) | TBD | NA | $64.69 | $22.88 | NA | $56.32 | NA | TBD | NA | NA |
| DS1 Loop per month, Zone 2 (Note 1) | TBD | NA | $94.71 | $26.42 | NA | $96.73 | NA | TBD | NA | NA |
| DS1 Loop per month, Zone 3 (Note 1) | TBD | NA | $208.93 | $41.99 | NA | $197.57 | NA | TBD | NA | NA |
| DS1 Loop per month, Zone 4 (Note 1) | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Interoffice Channel - Dedicated - STS-1 - FacilityTermination per month | U1TFS | NA | $1,114 | $1,114 | NA | $1,101 | NA | $387.01 | NA | NA |
| Interoffice Channel - Dedicated - STS-1 - per mile per month | 1L5XX | NA | $4.25 | $4.25 | NA | $14.04 | NA | $32.53 | NA | NA |
| DS3 Channelized System per month | MQ3 | NA | $222.61 | $184.02 | NA | $245.84 | NA | $226.81 | NA | NA |
| DS3 Interface per month (DS1 COCI) | UC1D1 | NA | $14.51 | $11.14 | NA | $7.55 | NA | $4.61 | NA | NA |
| **Non-Recurring Charges - New EEL (Note 2)(Note 3)** | | | | | | | | | | |
| NRC-DS1 Local Loop - 1st | USLXX | NA | $434.24 | $429.98 | NA | $502.73 | NA | $714.84 | NA | NA |
| NRC-DS1 Local Loop - Add'l | USLXX | NA | $235.29 | $268.18 | NA | $293.92 | NA | $421.47 | NA | NA |
| NRC- STS-1 interoffice - 1st | U1TFS | NA | $682.89 | $770.12 | NA | $713.57 | NA | $624.86 | NA | NA |
| NRC- STS-1 interoffice - Add'l | U1TFS | NA | $288.32 | $551.49 | NA | $404.36 | NA | $436.36 | NA | NA |
| NRC-DS3 Channelization System -1st | MQ3 | NA | $240.04 | $342.10 | NA | $320.72 | NA | $351.95 | NA | NA |
| NRC-DS3 Channelization System - Add'l | MQ3 | NA | $106.82 | $251.45 | NA | $233.10 | NA | $243.76 | NA | NA |
| NRC-DS1(COCI)interface card -1st | UC1D1 | NA | $12.26 | $12.15 | NA | $12.29 | NA | $15.76 | NA | NA |
| NRC-DS1(COCI)interface card -Add'l | UC1D1 | NA | $8.84 | $8.76 | NA | $8.80 | NA | $11.28 | NA | NA |
| NRC-STS-1 interoffice channel and DS1 Local Loop Combination - Electronic | SOMEC | NA | $3.20 | $3.50 | NA | $3.50 | NA | $3.50 | NA | NA |
| NRC-STS-1 interoffice channel and DS1 Local Loop Combination - Manual Sv | SOMAN | NA | $25.60 | NA | NA | NA | NA | NA | NA | NA |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **ENHANCED EXTENDED LINKS (EELs)** | | | | | | | | | | | |
| NRC-STS-1 interoffice channel and DS1 Local Loop Combination - Manual Sv | SOMAN | NA | NA | $56.90 | NA | $68.39 | NA | $55.00 | NA | NA |
| NRC-STS-1 interoffice channel and DS1 Local Loop Combination - Manual Sv | SOMAN | NA | NA | $46.38 | NA | $58.31 | NA | $55.00 | NA | NA |
| NRC-STS-1 interoffice channel and DS1 Local Loop Combination - Manual Sv | SOMAN | NA | NA | $37.17 | NA | $50.49 | NA | NA | NA | NA |
| NRC-STS-1 interoffice channel and DS1 Local Loop Combination - Manual Sv | SOMAN | NA | NA | $26.65 | NA | $29.00 | NA | NA | NA | NA |
| | | | | | | | | | | |
| **2-wire VG Interoffice Channel and 2-wire VG Local Loop:** | | | | | | | | | | |
| **Recurring Charges** | | | | | | | | | | |
| 2-wire VG Loop per month, statewide | UEAL2 | NA | $17.00 | $16.51 | NA | $19.35 | NA | NA | NA | $18.00 |
| 2-wire VG Loop per month, Zone 1 (Note 1) | TBD | NA | $13.75 | $19.45 | NA | $17.65 | NA | NA | NA | $15.54 |
| 2-wire VG Loop per month, Zone 2 (Note 1) | TBD | NA | $20.13 | $16.41 | NA | $30.32 | NA | NA | NA | $19.55 |
| 2-wire VG Loop per month, Zone 3 (Note 1) | TBD | NA | $44.40 | $30.92 | NA | $61.93 | NA | NA | NA | $28.02 |
| 2-wire VG Loop per month, Zone 4 (Note 1) | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Interoffice Channel - Dedicated - 2-wire VG - FacilityTermination per month | U1TV2 | NA | $26.72 | $17.07 | NA | $19.10 | NA | NA | NA | $18.33 |
| Interoffice Channel - Dedicated - 2-wire VG - per mile per month | 1L5XX | NA | $0.0100 | $0.02 | NA | $0.04 | NA | NA | NA | $0.02 |
| **Non-Recurring Charges - New EEL (Note 2)(Note 3)** | | | | | | | | | | |
| NRC- 2-wire VG interoffice - 1st | U1TV2 | NA | $222.65 | $79.61 | NA | $104.23 | NA | NA | NA | $83.35 |
| NRC- 2-wire VG interoffice - Add'l | U1TV2 | NA | $118.83 | $36.08 | NA | $39.91 | NA | NA | NA | $20.88 |
| NRC-2-wire VG Local Loop - 1st | UEAL2 | NA | $271.29 | $104.17 | NA | $128.42 | NA | NA | NA | $192.97 |
| NRC-2-wire VG Local Loop - Add'l | UEAL2 | NA | $104.90 | $78.10 | NA | $93.60 | NA | NA | NA | $140.72 |
| NRC-2-wire VG interoffice channel and 2-wire VG Local Loop Combination - E | SOMEC | NA | $3.20 | $3.50 | NA | $3.50 | NA | NA | NA | $3.50 |
| NRC-2-wire VG interoffice channel and 2-wire VG Local Loop Combination - M | SOMAN | NA | $25.60 | NA | NA | NA | NA | NA | NA | $19.99 |
| NRC-2-wire VG interoffice channel and 2-wire VG Local Loop Combination - M | SOMAN | NA | NA | $37.88 | NA | $36.28 | NA | NA | NA | NA |
| NRC-2-wire VG interoffice channel and 2-wire VG Local Loop Combination - M | SOMAN | NA | NA | $27.36 | NA | $26.20 | NA | NA | NA | NA |
| NRC-2-wire VG interoffice channel and 2-wire VG Local Loop Combination - M | SOMAN | NA | NA | NA | NA | $19.47 | NA | NA | NA | NA |
| NRC-2-wire VG interoffice channel and 2-wire VG Local Loop Combination - M | SOMAN | NA | NA | NA | NA | $8.06 | NA | NA | NA | NA |
| | | | | | | | | | | |
| **4-wire VG Interoffice Channel and 4-wire VG Local Loop:** | | | | | | | | | | |
| **Recurring Charges** | | | | | | | | | | |
| 4-wire VG Loop per month, statewide | UEAL4 | NA | $30.00 | NA | NA | NA | NA | NA | NA | NA |
| 4-wire VG Loop per month, Zone 1 (Note 1) | TBD | NA | $24.26 | NA | NA | NA | NA | NA | NA | NA |
| 4-wire VG Loop per month, Zone 2 (Note 1) | TBD | NA | $35.51 | NA | NA | NA | NA | NA | NA | NA |
| 4-wire VG Loop per month, Zone 3 (Note 1) | TBD | NA | $78.35 | NA | NA | NA | NA | NA | NA | NA |
| 4-wire VG Loop per month, Zone 4 (Note 1) | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Interoffice Channel - Dedicated - 4-wire VG - FacilityTermination per month | U1TV4 | NA | $23.82 | NA | NA | NA | NA | NA | NA | NA |
| Interoffice Channel - Dedicated - 4-wire VG - per mile per month | 1L5XX | NA | $0.0100 | NA | NA | NA | NA | NA | NA | NA |
| **Non-Recurring Charges - New EEL (Note 2)(Note 3)** | | | | | | | | | | |
| NRC- 4-wire VG interoffice - 1st | U1TV4 | NA | $222.65 | NA | NA | NA | NA | NA | NA | NA |
| NRC- 4-wire VG interoffice - Add'l | U1TV4 | NA | $118.83 | NA | NA | NA | NA | NA | NA | NA |
| NRC-4-wire VG Local Loop - 1st | UEAL4 | NA | $271.29 | NA | NA | NA | NA | NA | NA | NA |
| NRC-4-wire VG Local Loop - Add'l | UEAL4 | NA | $104.90 | NA | NA | NA | NA | NA | NA | NA |
| NRC-4-wire VG interoffice channel and 4-wire VG Local Loop Combination - E | SOMEC | NA | $3.20 | NA | NA | NA | NA | NA | NA | NA |
| NRC-4-wire VG interoffice channel and 4-wire VG Local Loop Combination - M | SOMAN | NA | $25.60 | NA | NA | NA | NA | NA | NA | NA |
| NRC-4-wire VG interoffice channel and 4-wire VG Local Loop Combination - M | SOMAN | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| NRC-4-wire VG interoffice channel and 4-wire VG Local Loop Combination - M | SOMAN | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| NRC-4-wire VG interoffice channel and 4-wire VG Local Loop Combination - M | SOMAN | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| NRC-4-wire VG interoffice channel and 4-wire VG Local Loop Combination - M | SOMAN | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| | | | | | | | | | | |
| **4-wire 56 kbps Interoffice Channel and 4-wire 56kbps Local Loop:** | | | | | | | | | | |
| **Recurring Charges** | | | | | | | | | | |

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|---|---|---|---|---|---|---|---|---|---|---|---|
| **ENHANCED EXTENDED LINKS (EELs)** | | | | | | | | | | | |
| 4-wire 56kbps Loop per month, statewide | UDL56 | NA | $48.33 | NA | NA | $35.58 | NA | $32.67 | NA | $42.23 |
| 4-wire 56kbps Loop per month, Zone 1 (Note 1) | TBD | NA | $24.26 | TBD | NA | $24.36 | NA | TBD | NA | $15.92 |
| 4-wire 56kbps Loop per month, Zone 2 (Note 1) | TBD | NA | $35.51 | TBD | NA | $41.85 | NA | TBD | NA | $20.79 |
| 4-wire 56kbps Loop per month, Zone 3 (Note 1) | TBD | NA | $78.35 | TBD | NA | $86.47 | NA | TBD | NA | $27.18 |
| 4-wire 56kbps Loop per month, Zone 4 (Note 1) | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Interoffice Channel - Dedicated - 4-wire 56kbps - FacilityTermination per mon | U1TD5 | NA | $23.82 | $16.45 | NA | $18.37 | NA | $17.40 | NA | $17.74 |
| Interoffice Channel - Dedicated - 4-wire 56kbps - per mile per month | 1L5XX | NA | $0.0100 | $0.02 | NA | $0.04 | NA | $0.03 | NA | $0.17 |
| **Non-Recurring Charges - New EEL (Note 2)(Note 3)** | | | | | | | | | | |
| NRC- 4-wire 56kbps interoffice - 1st | U1TD6 | NA | $222.65 | $79.61 | NA | $104.23 | NA | $137.48 | NA | $83.35 |
| NRC- 4-wire 56kbps interoffice - Add'l | U1TD6 | NA | $118.83 | $36.08 | NA | $39.91 | NA | $52.58 | NA | $20.88 |
| NRC-4-wire 56kbps Local Loop - 1st | U1TD5 | NA | $271.29 | $348.55 | NA | $421.27 | NA | $489.04 | NA | $643.00 |
| NRC-4-wire 56kbps Local Loop - Add'l | U1TD5 | NA | $104.90 | $241.20 | NA | $274.74 | NA | $337.51 | NA | $421.28 |
| NRC-4-wire 56kbps interoffice channel and 4-wire 56kbps Local Loop Combin | SOMEC | NA | $3.20 | $3.50 | NA | $3.50 | NA | $3.50 | NA | $3.50 |
| NRC-4-wire 56kbps interoffice channel and 4-wire 56kbps Local Loop Combin | SOMAN | NA | $25.60 | NA | NA | NA | NA | NA | NA | $19.99 |
| NRC-4-wire 56kbps interoffice channel and 4-wire 56kbps Local Loop Combin | SOMAN | NA | NA | $37.88 | NA | $36.28 | NA | $38.07 | NA | NA |
| NRC-4-wire 56kbps interoffice channel and 4-wire 56kbps Local Loop Combin | SOMAN | NA | NA | $27.36 | NA | $26.20 | NA | $38.07 | NA | NA |
| NRC-4-wire 56kbps interoffice channel and 4-wire 56kbps Local Loop Combin | SOMAN | NA | NA | NA | NA | $11.41 | NA | NA | NA | NA |
| NRC-4-wire 56kbps interoffice channel and 4-wire 56kbps Local Loop Combin | SOMAN | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| | | | | | | | | | | |
| **4-wire 64 kbps Interoffice Channel and 4-wire 64 kbps Local Loop:** | | | | | | | | | | |
| **Recurring Charges** | | | | | | | | | | |
| 4-wire 64kbps Loop per month, statewide | UDL64 | NA | $48.33 | $30.72 | NA | $35.58 | NA | $32.67 | NA | $42.23 |
| 4-wire 64kbps Loop per month, Zone 1 (Note 1) | TBD | NA | $39.08 | TBD | NA | $27.50 | NA | TBD | NA | $36.45 |
| 4-wire 64kbps Loop per month, Zone 2 (Note 1) | TBD | NA | $57.21 | TBD | NA | $47.24 | NA | TBD | NA | $45.87 |
| 4-wire 64kbps Loop per month, Zone 3 (Note 1) | TBD | NA | $126.22 | TBD | NA | $96.48 | NA | TBD | NA | $65.75 |
| 4-wire 64kbps Loop per month, Zone 4 (Note 1) | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Interoffice Channel - Dedicated - 4-wire 64kbps - FacilityTermination per mon | U1TD6 | NA | $19.46 | $16.45 | NA | $18.37 | NA | $17.40 | NA | $17.74 |
| Interoffice Channel - Dedicated - 4-wire 64kbps - per mile per month | 1L5XX | NA | $0.0100 | $0.02 | NA | $0.04 | NA | $0.03 | NA | $0.17 |
| **Non-Recurring Charges - New EEL (Note 2)(Note 3)** | | | | | | | | | | |
| NRC- 4-wire 64kbps interoffice - 1st | U1TD6 | NA | $222.65 | $79.61 | NA | $713.57 | NA | $137.48 | NA | $729.27 |
| NRC- 4-wire 64kbps interoffice - Add'l | U1TD6 | NA | $118.83 | $36.08 | NA | $404.36 | NA | $52.58 | NA | $411.98 |
| NRC-4-wire 64kbps Local Loop - 1st | UDL64 | NA | $271.29 | $348.55 | NA | $811.30 | NA | $489.04 | NA | $829.52 |
| NRC-4-wire 64kbps Local Loop - Add'l | UDL64 | NA | $104.90 | $241.20 | NA | $502.09 | NA | $337.51 | NA | $512.23 |
| NRC-4-wire 64kbps interoffice channel and 4-wire 64kbps Local Loop Combin | SOMEC | NA | $3.20 | $3.50 | NA | $3.50 | NA | $3.50 | NA | $3.50 |
| NRC-4-wire 64kbps interoffice channel and 4-wire 64kbps Local Loop Combin | SOMAN | NA | $25.60 | NA | NA | NA | NA | NA | NA | $19.99 |
| NRC-4-wire 64kbps interoffice channel and 4-wire 64kbps Local Loop Combin | SOMAN | NA | NA | $37.96 | NA | $100.50 | NA | $38.07 | NA | NA |
| NRC-4-wire 64kbps interoffice channel and 4-wire 64kbps Local Loop Combin | SOMAN | NA | NA | $37.96 | NA | $100.50 | NA | $38.07 | NA | NA |
| NRC-4-wire 64kbps interoffice channel and 4-wire 64kbps Local Loop Combin | SOMAN | NA | NA | $18.23 | NA | $41.88 | NA | NA | NA | NA |
| NRC-4-wire 64kbps interoffice channel and 4-wire 64kbps Local Loop Combin | SOMAN | NA | NA | $18.23 | NA | $41.88 | NA | NA | NA | NA |
| | | | | | | | | | | |
| **Existing Combinations/Ordinarily Combined In GA** | USOC | AL | FL | GA | KY | LA | MS | NC | SC | TN |
| **Local Loop:** | | | | | | | | | | |
| 2-Wire Analog Voice Grade Loop - Service Level 1 | UEAL2 | $19.04 | $17.00 | $16.51 | $20.00 | $19.35 | $21.26 | $19.50 | $22.49 | $18.00 |
| Zone 1 | TBD | $15.24 | $13.75 | $19.45 | $14.79 | $14.98 | $15.56 | TBD | $18.48 | $15.54 |
| Zone 2 | TBD | $24.75 | $20.13 | $16.41 | $27.68 | $25.69 | $20.65 | TBD | $27.87 | $19.55 |
| Zone 3 | TBD | $44.85 | $44.40 | $30.92 | $47.78 | $52.47 | $29.51 | TBD | $36.91 | $28.02 |
| Zone 4 | TBD | NA | NA | NA | NA | NA | $38.94 | NA | NA | NA |
| **NRC - Ordinarily Combined In GA (Note 5)** | | | | | | | | | | |
| NRC - 1st | UEAL2 | NA | NA | $104.17 | NA | NA | NA | NA | NA | NA |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **ENHANCED EXTENDED LINKS (EELs)** | | | | | | | | | | | |
| NRC - Add'l | UEAL2 | NA | NA | $78.10 | NA | NA | NA | NA | NA | NA |
| NRC - Disconnect Charge - 1st | UEAL2 | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| NRC - Disconnect Charge - Add'l | UEAL2 | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| NRC - Electronic Svc Order, per LSR | SOMEC | NA | NA | $3.50 | NA | NA | NA | NA | NA | NA |
| NRC - Incremental Charge - Manual Service Order - 1st | SOMAN | NA | NA | $18.94 | NA | NA | NA | NA | NA | NA |
| NRC - Incremental Charge - Manual Service Order - Add'l | SOMAN | NA | NA | $8.42 | NA | NA | NA | NA | NA | NA |
| NRC - Incremental Charge - Manual Service Order - Disconnect | SOMAN | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| NRC-All Existing Combination "Switch As Is" Conversion Charge (Note 6) | | | | | | | | | | |
| NRC-2/4-WIRE VG COMBINATION - "Switch As Is" Conversion Charge - 1st | UNCCC | $54.03 | $11.27 | $58.43 | $54.09 | $54.23 | $54.09 | $54.00 | $54.26 | $54.13 |
| NRC-2/4-WIRE VG COMBINATION - "Switch As Is" Conversion Charge - Add | UNCCC | $32.11 | $11.27 | $26.99 | $32.16 | $32.24 | $32.16 | $32.10 | $32.25 | $32.17 |
| NRC- 2/4-WIRE VG COMBINATION - "Switch As Is" Conversion Charge - Dis | UNCCC | $0.00 | $13.03 | $12.61 | $0.00 | $0.00 | $0.00 | $0.00 | $0.00 | $0.00 |
| NRC- 2/4-WIRE VG COMBINATION - "Switch As Is" Conversion Charge - Dis | UNCCC | $0.00 | $13.03 | $12.61 | $0.00 | $0.00 | $0.00 | $0.00 | $0.00 | $0.00 |
| | | | | | | | | | | |
| **4-Wire Analog Voice Grade Loop** | UEAL4 | $30.00 | $30.00 | $25.86 | $28.28 | $31.52 | $30.55 | $27.49 | $35.86 | $18.00 |
| Zone 1 | TBD | $24.01 | $24.26 | $22.26 | $20.92 | $24.36 | $22.38 | TBD | $49.47 | $15.54 |
| Zone 2 | TBD | $39.00 | $35.51 | $25.70 | $39.14 | $41.85 | $29.67 | TBD | $44.44 | $19.55 |
| Zone 3 | TBD | $70.67 | $78.35 | $40.85 | $67.56 | $85.47 | $42.40 | TBD | $58.85 | $28.02 |
| Zone 4 | TBD | NA | NA | NA | NA | NA | $55.96 | NA | NA | NA |
| **NRC - Ordinarily Combined in GA (Note 5)** | | | | | | | | | | |
| NRC - 1st | UEAL4 | NA | NA | $206.95 | NA | NA | NA | NA | NA | NA |
| NRC - Add'l | UEAL4 | NA | NA | $170.57 | NA | NA | NA | NA | NA | NA |
| NRC - Disconnect Charge - 1st | UEAL4 | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| NRC - Disconnect Charge - Add'l | UEAL4 | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| NRC - Electronic Svc Order, per LSR | SOMEC | NA | NA | $3.50 | NA | NA | NA | NA | NA | NA |
| NRC - Incremental Charge - Manual Service Order - 1st | SOMAN | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| NRC - Incremental Charge - Manual Service Order - Add'l | SOMAN | NA | NA | $8.42 | NA | NA | NA | NA | NA | NA |
| NRC - Incremental Charge - Manual Service Order - Disconnect | SOMAN | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| NRC-All Existing Combination "Switch As Is" Conversion Charge (Note 6) | | | | | | | | | | |
| NRC-2/4-WIRE VG COMBINATION - "Switch As Is" Conversion Charge - 1st | UNCCC | $54.03 | $11.27 | $58.43 | $54.09 | $54.23 | $54.09 | $54.00 | $54.26 | $54.13 |
| NRC-2/4-WIRE VG COMBINATION - "Switch As Is" Conversion Charge - Add | UNCCC | $32.11 | $11.27 | $26.99 | $32.16 | $32.24 | $32.16 | $32.10 | $32.25 | $32.17 |
| NRC- 2/4-WIRE VG COMBINATION - "Switch As Is" Conversion Charge - Dis | UNCCC | $0.00 | $13.03 | $12.61 | $0.00 | $0.00 | $0.00 | $0.00 | $0.00 | $0.00 |
| NRC- 2/4-WIRE VG COMBINATION - "Switch As Is" Conversion Charge - Dis | UNCCC | $0.00 | $13.03 | $12.61 | $0.00 | $0.00 | $0.00 | $0.00 | $0.00 | $0.00 |
| | | | | | | | | | | |
| **2-Wire ISDN Digital Grade Loop** | U1L2X | $29.03 | $40.00 | $25.43 | $31.99 | $27.36 | $29.83 | $24.98 | $32.47 | $18.00 |
| Zone 1 | TBD | $23.23 | $32.34 | $21.89 | $23.66 | $21.15 | $21.86 | TBD | $26.68 | $15.54 |
| Zone 2 | TBD | $37.74 | $47.35 | $25.27 | $44.28 | $36.32 | $28.97 | TBD | $40.24 | $19.55 |
| Zone 3 | TBD | $68.38 | $104.47 | $40.17 | $76.42 | $74.19 | $41.40 | TBD | $53.29 | $28.02 |
| Zone 4 | TBD | NA | NA | NA | NA | NA | $54.64 | NA | NA | NA |
| **NRC - Ordinarily Combined in GA (Note 5)** | | | | | | | | | | |
| NRC - 1st | U1L2X | NA | NA | $233.38 | NA | NA | NA | NA | NA | NA |
| NRC - Add'l | U1L2X | NA | NA | $180.35 | NA | NA | NA | NA | NA | NA |
| NRC - Disconnect Dharge - 1st | U1L2X | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| NRC - Disconnect Charge - Add'l | U1L2X | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| NRC - Electronic Svc Order, per LSR | SOMEC | NA | NA | $3.50 | NA | NA | NA | NA | NA | NA |
| NRC - Incremental Charge - Manual Service Order - 1st | SOMAN | NA | NA | $18.94 | NA | NA | NA | NA | NA | NA |
| NRC - Incremental Charge - Manual Service Order - Add'l | SOMAN | NA | NA | $8.42 | NA | NA | NA | NA | NA | NA |
| NRC - Incremental Charge - Manual Service Order - Disconnect | SOMAN | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| NRC-All Existing Combination "Switch As Is" Conversion Charge (Note 6) | | | | | | | | | | |
| NRC-2/4-WIRE VG COMBINATION - "Switch As Is" Conversion Charge - 1st | UNCCC | $54.03 | $11.27 | $58.43 | $54.09 | $54.23 | $54.09 | $54.00 | $54.26 | $54.13 |

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|---|---|---|---|---|---|---|---|---|---|---|---|
| **ENHANCED EXTENDED LINKS (EELs)** | | | | | | | | | | | |
| NRC-2/4-WIRE VG COMBINATION - "Switch As Is" Conversion Charge - Add | UNCCC | $32.11 | $11.27 | $26.99 | $32.16 | $32.24 | $32.16 | $32.10 | $32.25 | $32.17 |
| NRC- 2/4-WIRE VG COMBINATION - "Switch As Is" Conversion Charge - Dis | UNCCC | $0.00 | $13.03 | $12.61 | $0.00 | $0.00 | $0.00 | $0.00 | $0.00 | $0.00 |
| NRC- 2/4-WIRE VG COMBINATION - "Switch As Is" Conversion Charge - Dis | UNCCC | $0.00 | $13.03 | $12.61 | $0.00 | $0.00 | $0.00 | $0.00 | $0.00 | $0.00 |
| | | | | | | | | | | |
| **4-Wire 56 kbps Digital Grade Loop** | UDL56 | $34.15 | $48.33 | $29.92 | NA | $35.58 | $34.95 | $32.67 | $41.70 | $42.23 |
| Zone 1 | TBD | $27.33 | $39.08 | $25.75 | NA | $27.50 | $25.61 | TBD | $34.26 | $36.45 |
| Zone 2 | TBD | $44.40 | $57.21 | $29.74 | NA | $47.25 | $33.94 | TBD | $51.67 | $45.87 |
| Zone 3 | TBD | $80.45 | $126.22 | $47.27 | NA | $96.48 | $48.51 | TBD | $68.43 | $65.75 |
| Zone 4 | TBD | NA | NA | NA | NA | NA | $64.02 | NA | NA | NA |
| **NRC - Ordinarily Combined in GA (Note 5)** | | | | | | | | | | |
| NRC - 1st | UDL56 | NA | NA | $348.55 | NA | NA | NA | NA | NA | NA |
| NRC - Add'l | UDL56 | NA | NA | $241.20 | NA | NA | NA | NA | NA | NA |
| NRC - Disconnect Dharge - 1st | UDL56 | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| NRC - Disconnect Charge - Add'l | UDL56 | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| NRC - Electronic Svc Order, per LSR | SOMEC | NA | NA | $3.50 | NA | NA | NA | NA | NA | NA |
| NRC - Incremental Charge - Manual Service Order - 1st | SOMAN | NA | NA | $18.94 | NA | NA | NA | NA | NA | NA |
| NRC - Incremental Charge - Manual Service Order - Add'l | SOMAN | NA | NA | $8.42 | NA | NA | NA | NA | NA | NA |
| NRC - Incremental Charge - Manual Service Order - Disconnect | SOMAN | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| NRC-All Existing Combination "Switch As Is" Conversion Charge (Note 6) | | | | | | | | | | |
| NRC-2/4-WIRE VG COMBINATION - "Switch As Is" Conversion Charge - 1st | UNCCC | $54.03 | $11.27 | $58.43 | $54.09 | $54.23 | $54.09 | $54.00 | $54.26 | $54.13 |
| NRC-2/4-WIRE VG COMBINATION - "Switch As Is" Conversion Charge - Add | UNCCC | $32.11 | $11.27 | $26.99 | $32.16 | $32.24 | $32.16 | $32.10 | $32.25 | $32.17 |
| NRC- 2/4-WIRE VG COMBINATION - "Switch As Is" Conversion Charge - Dis | UNCCC | $0.00 | $13.03 | $12.61 | $0.00 | $0.00 | $0.00 | $0.00 | $0.00 | $0.00 |
| NRC- 2/4-WIRE VG COMBINATION - "Switch As Is" Conversion Charge - Dis | UNCCC | $0.00 | $13.03 | $12.61 | $0.00 | $0.00 | $0.00 | $0.00 | $0.00 | $0.00 |
| | | | | | | | | | | |
| **4-Wire 64 kbps Digital Grade Loop** | UDL64 | $34.15 | $48.33 | $29.92 | NA | $35.58 | $34.95 | $32.67 | $41.70 | $42.23 |
| Zone 1 | TBD | $27.33 | $39.08 | $25.75 | NA | $27.50 | $25.61 | TBD | $34.26 | $36.45 |
| Zone 2 | TBD | $44.40 | $57.21 | $29.74 | NA | $47.25 | $33.94 | TBD | $51.67 | $45.87 |
| Zone 3 | TBD | $80.45 | $126.22 | $47.27 | NA | $96.48 | $48.51 | TBD | $68.43 | $65.75 |
| Zone 4 | TBD | NA | NA | NA | NA | NA | $64.02 | NA | NA | NA |
| **NRC - Ordinarily Combined in GA (Note 5)** | | | | | | | | | | |
| NRC - 1st | UDL64 | NA | NA | $348.55 | NA | NA | NA | NA | NA | NA |
| NRC - Add'l | UDL64 | NA | NA | $241.20 | NA | NA | NA | NA | NA | NA |
| NRC - Disconnect Dharge - 1st | UDL64 | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| NRC - Disconnect Charge - Add'l | UDL64 | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| NRC - Electronic Svc Order, per LSR | SOMEC | NA | NA | $3.50 | NA | NA | NA | NA | NA | NA |
| NRC - Incremental Charge - Manual Service Order - 1st | SOMAN | NA | NA | $18.94 | NA | NA | NA | NA | NA | NA |
| NRC - Incremental Charge - Manual Service Order - Add'l | SOMAN | NA | NA | $8.42 | NA | NA | NA | NA | NA | NA |
| NRC - Incremental Charge - Manual Service Order - Disconnect | SOMAN | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| NRC-All Existing Combination "Switch As Is" Conversion Charge (Note 6) | | | | | | | | | | |
| NRC-2/4-WIRE VG COMBINATION - "Switch As Is" Conversion Charge - 1st | UNCCC | $54.03 | $11.27 | $58.43 | $54.09 | $54.23 | $54.09 | $54.00 | $54.26 | $54.13 |
| NRC-2/4-WIRE VG COMBINATION - "Switch As Is" Conversion Charge - Add | UNCCC | $32.11 | $11.27 | $26.99 | $32.16 | $32.24 | $32.16 | $32.10 | $32.25 | $32.17 |
| NRC- 2/4-WIRE VG COMBINATION - "Switch As Is" Conversion Charge - Dis | UNCCC | $0.00 | $13.03 | $12.61 | $0.00 | $0.00 | $0.00 | $0.00 | $0.00 | $0.00 |
| NRC- 2/4-WIRE VG COMBINATION - "Switch As Is" Conversion Charge - Dis | UNCCC | $0.00 | $13.03 | $12.61 | $0.00 | $0.00 | $0.00 | $0.00 | $0.00 | $0.00 |
| | | | | | | | | | | |
| **4-Wire DS1 Digital Loop** | USLXX | $64.65 | $80.00 | $64.52 | $67.96 | $72.86 | $69.59 | $62.78 | $72.55 | NA |
| Zone 1 | TBD | $51.74 | $64.69 | $55.53 | $50.28 | $56.32 | $50.99 | TBD | $59.61 | NA |
| Zone 2 | TBD | $84.05 | $94.71 | $64.13 | $94.06 | $96.73 | $67.58 | TBD | $89.90 | NA |
| Zone 3 | TBD | $152.29 | $208.93 | $101.93 | $162.34 | $197.57 | $96.58 | TBD | $119.06 | NA |
| Zone 4 | TBD | NA | NA | NA | NA | NA | $127.47 | NA | NA | NA |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **ENHANCED EXTENDED LINKS (EELs)** | | | | | | | | | | | |
| **NRC - Ordinarily Combined in GA (Note 5)** | | | | | | | | | | | |
| NRC - 1st | USLXX | NA | NA | $429.98 | NA | NA | NA | NA | NA | NA | |
| NRC - Add'l | USLXX | NA | NA | $268.18 | NA | NA | NA | NA | NA | NA | |
| NRC - Disconnect Charge - 1st | USLXX | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| NRC - Disconnect Charge - Add'l | USLXX | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| NRC - Electronic Svc Order, per LSR | SOMEC | NA | NA | $3.50 | NA | NA | NA | NA | NA | NA | |
| NRC - Incremental Charge - Manual Service Order - 1st | SOMAN | NA | NA | $18.94 | NA | NA | NA | NA | NA | NA | |
| NRC - Incremental Charge - Manual Service Order - Add'l | SOMAN | NA | NA | $8.42 | NA | NA | NA | NA | NA | NA | |
| NRC - Incremental Charge - Manual Service Order - Disconnect | SOMAN | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| NRC-All Existing Combination "Switch As Is" Conversion Charge (Note 6) | | | | | | | | | | | |
| NRC-2/4-WIRE VG COMBINATION - "Switch As Is" Conversion Charge - 1st | UNCCC | $54.03 | $11.27 | $58.43 | $54.09 | $54.23 | $54.09 | $54.00 | $54.26 | $54.13 | |
| NRC-2/4-WIRE VG COMBINATION - "Switch As Is" Conversion Charge - Add | UNCCC | $32.11 | $11.27 | $26.99 | $32.16 | $32.24 | $32.16 | $32.10 | $32.25 | $32.17 | |
| NRC- 2/4-WIRE VG COMBINATION - "Switch As Is" Conversion Charge - Dis | UNCCC | $0.00 | $13.03 | $12.61 | $0.00 | $0.00 | $0.00 | $0.00 | $0.00 | $0.00 | |
| NRC- 2/4-WIRE VG COMBINATION - "Switch As Is" Conversion Charge - Dis | UNCCC | $0.00 | $13.03 | $12.61 | $0.00 | $0.00 | $0.00 | $0.00 | $0.00 | $0.00 | |
| | | | | | | | | | | | |
| **DS3 Loop** | | | | | | | | | | | |
| per mile per month | 1L5ND | $10.85 | $11.97 | $8.90 | $43.69 | $38.98 | $54.39 | $32.53 | $15.53 | $30.53 | |
| facitility termination per month | UE3PX | $419.65 | $419.65 | $390.34 | $436.95 | $497.08 | $427.81 | $387.01 | $421.60 | $400.21 | |
| **NRC - Ordinarily Combined in GA (Note 5)** | | | | | | | | | | | |
| NRC - Facility Termination - 1st | UE3PX | NA | NA | $639.50 | NA | NA | NA | NA | NA | NA | |
| NRC - Facility Termination - Add'l | UE3PX | NA | NA | $426.40 | NA | NA | NA | NA | NA | NA | |
| NRC - Facility Termination - Disconnect - 1st | UE3PX | NA | NA | $122.31 | NA | NA | NA | NA | NA | NA | |
| NRC - Facility Termination - Disconnect - Add'l | UE3PX | NA | NA | $119.14 | NA | NA | NA | NA | NA | NA | |
| NRC - Manual Svc Order, per LSR | SOMAN | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| NRC - Manual Svc Order, per LSR disconnect | SOMAN | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| NRC - Electronic Svc Order, per LSR | SOMEC | NA | NA | $3.50 | NA | NA | NA | NA | NA | NA | |
| NRC - Electronic Svc Order, per LSR disconnect | SOMEC | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| NRC - Incremental Charge--Manual Svc Order - 1st | SOMAN | NA | NA | $37.55 | NA | NA | NA | NA | NA | NA | |
| NRC - Incremental Charge--Manual Svc Order - Add'l | SOMAN | NA | NA | $37.55 | NA | NA | NA | NA | NA | NA | |
| NRC - Incremental Cost - Manual Svc. Order vs. Elect-Disconnect-1st | SOMAN | NA | NA | $18.03 | NA | NA | NA | NA | NA | NA | |
| NRC - Incremental Cost - Manual Svc. Order vs. Elect-Disconnect-Add | SOMAN | NA | NA | $18.03 | NA | NA | NA | NA | NA | NA | |
| NRC-All Existing Combination "Switch As Is" Conversion Charge (Note 6) | | | | | | | | | | | |
| NRC-2/4-WIRE VG COMBINATION - "Switch As Is" Conversion Charge - 1st | UNCCC | $54.03 | $11.27 | $58.43 | $54.09 | $54.23 | $54.09 | $54.00 | $54.26 | $54.13 | |
| NRC-2/4-WIRE VG COMBINATION - "Switch As Is" Conversion Charge - Add | UNCCC | $32.11 | $11.27 | $26.99 | $32.16 | $32.24 | $32.16 | $32.10 | $32.25 | $32.17 | |
| NRC- 2/4-WIRE VG COMBINATION - "Switch As Is" Conversion Charge - Dis | UNCCC | $0.00 | $13.03 | $12.61 | $0.00 | $0.00 | $0.00 | $0.00 | $0.00 | $0.00 | |
| NRC- 2/4-WIRE VG COMBINATION - "Switch As Is" Conversion Charge - Dis | UNCCC | $0.00 | $13.03 | $12.61 | $0.00 | $0.00 | $0.00 | $0.00 | $0.00 | $0.00 | |
| | | | | | | | | | | | |
| **STS-1 Loop** | | | | | | | | | | | |
| per mile per month | 1L5ND | $10.85 | $11.97 | $8.90 | $43.69 | $38.98 | $54.39 | $32.53 | $15.53 | $30.53 | |
| facitility termination per month | UDLS1 | $434.31 | $449.40 | $421.59 | $436.95 | $497.08 | $427.81 | $387.01 | $431.32 | $400.21 | |
| **NRC - Ordinarily Combined in GA (Note 5)** | | | | | | | | | | | |
| NRC - STS-1 - Facility Termination - 1st | UDLS1 | NA | NA | $639.50 | NA | NA | NA | NA | NA | NA | |
| NRC - STS-1 - Facility Termination - Add'l | UDLS1 | NA | NA | $426.40 | NA | NA | NA | NA | NA | NA | |
| NRC - STS-1 - Facility Termination - Disconnect - 1st | UDLS1 | NA | NA | $122.31 | NA | NA | NA | NA | NA | NA | |
| NRC - STS-1 - Facility Termination - Disconnect - Add'l | UDLS1 | NA | NA | $119.14 | NA | NA | NA | NA | NA | NA | |
| NRC - Manual Svc Order, per LSR | SOMAN | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| NRC - Manual Svc Order, per LSR disconnect | SOMAN | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| NRC - Electronic Svc Order, per LSR | SOMEC | NA | NA | $3.50 | NA | NA | NA | NA | NA | NA | |
| NRC - Electronic Svc Order, per LSR disconnect | SOMEC | NA | NA | NA | NA | NA | NA | NA | NA | NA | |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **ENHANCED EXTENDED LINKS (EELs)** | | | | | | | | | | | |
| NRC - STS-1 - Incremental Charge--Manual Svc Order - 1st | SOMAN | NA | NA | $37.55 | NA | NA | NA | NA | NA | NA | |
| NRC - STS-1 - Incremental Charge--Manual Svc Order - Add'l | SOMAN | NA | NA | $37.55 | NA | NA | NA | NA | NA | NA | |
| NRC - STS-1 - Incremental Cost - Manual Svc. Order vs. Elect-Disconr | SOMAN | NA | NA | $18.03 | NA | NA | NA | NA | NA | NA | |
| NRC - STS-1 - Incremental Cost - Manual Svc. Order vs. Elect-Disconr | SOMAN | NA | NA | $18.03 | NA | NA | NA | NA | NA | NA | |
| NRC-All Existing Combination "Switch As Is" Conversion Charge (Note 6) | | | | | | | | | | | |
| NRC-2/4-WIRE VG COMBINATION - "Switch As Is" Conversion Charge - 1st | UNCCC | $54.03 | $11.27 | $58.43 | $54.09 | $54.23 | $54.09 | $54.00 | $54.26 | $54.13 | |
| NRC-2/4-WIRE VG COMBINATION - "Switch As Is" Conversion Charge - Adc | UNCCC | $32.11 | $11.27 | $26.99 | $32.16 | $32.24 | $32.16 | $32.10 | $32.25 | $32.17 | |
| NRC- 2/4-WIRE VG COMBINATION - "Switch As Is" Conversion Charge - Dis | UNCCC | $0.00 | $13.03 | $12.61 | $0.00 | $0.00 | $0.00 | $0.00 | $0.00 | $0.00 | |
| NRC- 2/4-WIRE VG COMBINATION - "Switch As Is" Conversion Charge - Dis | UNCCC | $0.00 | $13.03 | $12.61 | $0.00 | $0.00 | $0.00 | $0.00 | $0.00 | $0.00 | |
| | | | | | | | | | | | |
| **OC-3 Loop** | 1L5ND | $1,123 | $9.08 | $6.75 | $33.15 | $29.58 | $41.27 | $24.69 | $11.78 | $23.16 | |
| per mile per month | TBD | $7.09 | $651.40 | $630.21 | $436.95 | $753.65 | $689.68 | $611.36 | $701.71 | $620.20 | |
| facility termiantion per month | | | | | | | | | | | |
| **NRC - Ordinarily Combined in GA (Note 5)** | | | | | | | | | | | |
| NRC - OC3 - Facility Termination - 1st | TBD | NA | NA | $6.75 | NA | NA | NA | NA | NA | NA | |
| NRC - OC3 - Facility Termination - Add'l | TBD | NA | NA | $630.21 | NA | NA | NA | NA | NA | NA | |
| NRC - OC3 - Facility Termination - Disconnect - 1st | TBD | NA | NA | $947.69 | NA | NA | NA | NA | NA | NA | |
| NRC - OC3 - Facility Termination - Disconnect - Add'l | TBD | NA | NA | $413.00 | NA | NA | NA | NA | NA | NA | |
| NRC - Electronic Svc Order, per LSR | SOMEC | NA | NA | $3.50 | NA | NA | NA | NA | NA | NA | |
| NRC - OC3 - Incremental Charge--Manual Svc Order - 1st | SOMAN | NA | NA | $37.55 | NA | NA | NA | NA | NA | NA | |
| NRC - OC3 - Incremental Charge--Manual Svc Order - Add'l | SOMAN | NA | NA | $37.55 | NA | NA | NA | NA | NA | NA | |
| NRC - OC3 -Incremental Cost - Manual Svc. Order vs. Elect-Disconnec | SOMAN | NA | NA | $18.03 | NA | NA | NA | NA | NA | NA | |
| NRC - OC3 -Incremental Cost - Manual Svc. Order vs. Elect-Disconnec | SOMAN | NA | NA | $18.03 | NA | NA | NA | NA | NA | NA | |
| NRC-All Existing Combination "Switch As Is" Conversion Charge (Note 6) | | | | | | | | | | | |
| NRC-2/4-WIRE VG COMBINATION - "Switch As Is" Conversion Charge - 1st | UNCCC | $54.03 | $11.27 | $58.43 | $54.09 | $54.23 | $54.09 | $54.00 | $54.26 | $54.13 | |
| NRC-2/4-WIRE VG COMBINATION - "Switch As Is" Conversion Charge - Adc | UNCCC | $32.11 | $11.27 | $26.99 | $32.16 | $32.24 | $32.16 | $32.10 | $32.25 | $32.17 | |
| NRC- 2/4-WIRE VG COMBINATION - "Switch As Is" Conversion Charge - Dis | UNCCC | $0.00 | $13.03 | $12.61 | $0.00 | $0.00 | $0.00 | $0.00 | $0.00 | $0.00 | |
| NRC- 2/4-WIRE VG COMBINATION - "Switch As Is" Conversion Charge - Dis | UNCCC | $0.00 | $13.03 | $12.61 | $0.00 | $0.00 | $0.00 | $0.00 | $0.00 | $0.00 | |
| | | | | | | | | | | | |
| **OC-12 Loop** | | | | | | | | | | | |
| per mile per month | 1L5ND | $10.13 | $11.18 | $8.31 | $40.80 | $36.40 | $50.79 | $30.38 | $14.50 | $28.51 | |
| facility termination per month | TBD | $5,630 | $2,068 | $2,109.00 | $2,457 | $2,571 | $2,371 | $2,122 | $2,663 | $2,079 | |
| **NRC - Ordinarily Combined in GA (Note 5)** | | | | | | | | | | | |
| NRC - OC12 - Facility Termination - 1st | TBD | NA | NA | $1,162.00 | NA | NA | NA | NA | NA | NA | |
| NRC - OC12 - Facility Termination - Add'l | TBD | NA | NA | $413.00 | NA | NA | NA | NA | NA | NA | |
| NRC - OC12 - Facility Termination - Disconnect - 1st | TBD | NA | NA | $122.31 | NA | NA | NA | NA | NA | NA | |
| NRC - OC12 - Facility Termination - Disconnect - Add'l | TBD | NA | NA | $119.14 | NA | NA | NA | NA | NA | NA | |
| NRC - Electronic Svc Order, per LSR | SOMEC | NA | NA | $3.50 | NA | NA | NA | NA | NA | NA | |
| NRC -OC12 - Incremental Charge - Manual Svc Order - 1st | SOMAN | NA | NA | $37.55 | NA | NA | NA | NA | NA | NA | |
| NRC - OC12 - Incremental Charge - Manual Svc Order - Add'l | SOMAN | NA | NA | $37.55 | NA | NA | NA | NA | NA | NA | |
| NRC - OC12 - Incremental Cost-Manual Svc. Order vs. Elect-Disconnec | SOMAN | NA | NA | $18.03 | NA | NA | NA | NA | NA | NA | |
| NRC - OC12 - Incremental Cost-Manual Svc. Order vs. Elect-Disconnec | SOMAN | NA | NA | $18.03 | NA | NA | NA | NA | NA | NA | |
| NRC-All Existing Combination "Switch As Is" Conversion Charge (Note 6) | | | | | | | | | | | |
| NRC-2/4-WIRE VG COMBINATION - "Switch As Is" Conversion Charge - 1st | UNCCC | $54.03 | $11.27 | $58.43 | $54.09 | $54.23 | $54.09 | $54.00 | $54.26 | $54.13 | |
| NRC-2/4-WIRE VG COMBINATION - "Switch As Is" Conversion Charge - Adc | UNCCC | $32.11 | $11.27 | $26.99 | $32.16 | $32.24 | $32.16 | $32.10 | $32.25 | $32.17 | |
| NRC- 2/4-WIRE VG COMBINATION - "Switch As Is" Conversion Charge - Dis | UNCCC | $0.00 | $13.03 | $12.61 | $0.00 | $0.00 | $0.00 | $0.00 | $0.00 | $0.00 | |
| NRC- 2/4-WIRE VG COMBINATION - "Switch As Is" Conversion Charge - Dis | UNCCC | $0.00 | $13.03 | $12.61 | $0.00 | $0.00 | $0.00 | $0.00 | $0.00 | $0.00 | |
| | | | | | | | | | | | |
| **OC-48 Loop** | | | | | | | | | | | |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **ENHANCED EXTENDED LINKS (EELs)** | | | | | | | | | | | |
| per mile per month | 1L5ND | $33.22 | $36.67 | $27.25 | $166.59 | $119.40 | $166.59 | $120.02 | $47.57 | $93.50 |
| facility termination per month | TBD | $1,947 | $1,699 | $1,598.00 | $2,129 | $2,268 | $1,753 | $1,677 | $1,733 | $1,832 |
| OC-12 Interface on OC-48 Loop per month | TBD | $699.62 | $592.09 | $594.80 | $725.77 | $723.29 | $667.00 | $582.66 | $773.40 | $570.54 |
| **NRC - Ordinarily Combined in GA (Note 5)** | | | | | | | | | | |
| NRC - OC48 - Facility Termination - 1st | TBD | NA | NA | $1,162.00 | NA | NA | NA | NA | NA | NA |
| NRC - OC48 - Facility Termination - Add'l | TBD | NA | NA | $413.00 | NA | NA | NA | NA | NA | NA |
| NRC - OC48 - Interface OC12 on OC48 - 1st | TBD | NA | NA | $539.36 | NA | NA | NA | NA | NA | NA |
| NRC - OC48 - Interface OC12 on OC48 - Add'l | TBD | NA | NA | $317.38 | NA | NA | NA | NA | NA | NA |
| NRC - OC48 - Facility Termination - Disconnect - 1st | TBD | NA | NA | $122.31 | NA | NA | NA | NA | NA | NA |
| NRC - OC48 - Facility Termination - Disconnect - Add'l | TBD | NA | NA | $119.14 | NA | NA | NA | NA | NA | NA |
| NRC - OC48- Interface OC12 on OC48 - Disconnect - 1st | TBD | NA | NA | $122.31 | NA | NA | NA | NA | NA | NA |
| NRC - OC48 - Interface OC12 on OC48 - Disconnect - Add'l | TBD | NA | NA | $119.14 | NA | NA | NA | NA | NA | NA |
| NRC - Electronic Svc Order, per LSR | SOMEC | NA | NA | $3.50 | NA | NA | NA | NA | NA | NA |
| NRC - OC48 - Facility Termination-Manual Svc Order vs Electronic-Disc | SOMAN | NA | NA | $37.55 | NA | NA | NA | NA | NA | NA |
| NRC - OC48 - Facility Termination-Manual Svc Order vs Electronic-Disc | SOMAN | NA | NA | $37.55 | NA | NA | NA | NA | NA | NA |
| NRC - OC48 - Interface - Manual Svc Order vs Electronic-Disconnect-1s | SOMAN | NA | NA | $37.55 | NA | NA | NA | NA | NA | NA |
| NRC - OC48 - Interface - Manual Svc Order vs Electronic-Disconnect-Ad | SOMAN | NA | NA | $37.55 | NA | NA | NA | NA | NA | NA |
| NRC - OC-48 - Incremental Charge--Manual Svc Order-1st | SOMAN | NA | NA | $18.03 | NA | NA | NA | NA | NA | NA |
| NRC - OC-48 - Incremental Charge--Manual Svc Order-Add'l | SOMAN | NA | NA | $18.03 | NA | NA | NA | NA | NA | NA |
| NRC - OC48 - Interface OC12 on OC48 - Incremental Charge--Manual S | SOMAN | NA | NA | $18.03 | NA | NA | NA | NA | NA | NA |
| NRC - OC48 - Interface OC12 on OC48 - Incremental Charge--Manual S | SOMAN | NA | NA | $18.03 | NA | NA | NA | NA | NA | NA |
| NRC-All Existing Combination "Switch As Is" Conversion Charge (Note 6) | | | | | | | | | | |
| NRC-2/4-WIRE VG COMBINATION - "Switch As Is" Conversion Charge - 1st | UNCCC | $54.03 | $11.27 | $58.43 | $54.09 | $54.23 | $54.09 | $54.00 | $54.26 | $54.13 |
| NRC-2/4-WIRE VG COMBINATION - "Switch As Is" Conversion Charge - Add | UNCCC | $32.11 | $11.27 | $26.99 | $32.16 | $32.24 | $32.16 | $32.10 | $32.25 | $32.17 |
| NRC- 2/4-WIRE VG COMBINATION - "Switch As Is" Conversion Charge - Dis | UNCCC | $0.00 | $13.03 | $12.61 | $0.00 | $0.00 | $0.00 | $0.00 | $0.00 | $0.00 |
| NRC- 2/4-WIRE VG COMBINATION - "Switch As Is" Conversion Charge - Dis | UNCCC | $0.00 | $13.03 | $12.61 | $0.00 | $0.00 | $0.00 | $0.00 | $0.00 | $0.00 |
| | | | | | | | | | | |
| **Local Channels:** | | | | | | | | | | |
| **Local Channel - Dedicated - 2-Wire VG** | | | | | | | | | | |
| Monthly Recurring per month | ULDV2 | $14.61 | $26.31 | $18.28 | $22.26 | $14.94 | $17.83 | $14.83 | $16.83 | $19.02 |
| **NRC - Ordinarily Combined in GA (Note 5)** | | | | | | | | | | |
| NRC - 2-wire VG Local Channel - 1st | ULDV2 | NA | NA | $292.24 | NA | NA | NA | NA | NA | NA |
| NRC - 2-wire VG Local Channel -Add'l | ULDV2 | NA | NA | $63.61 | NA | NA | NA | NA | NA | NA |
| NRC - Electronic Svc Order, per LSR | SOMEC | NA | NA | $3.50 | NA | NA | NA | NA | NA | NA |
| NRC - 2-Wire VG - Incremental Charge--Manual Svc Order - 1st | SOMAN | NA | NA | $34.00 | NA | NA | NA | NA | NA | NA |
| NRC - 2-Wire VG - Incremental Charge--Manual Svc Order - Add'l | SOMAN | NA | NA | $21.58 | NA | NA | NA | NA | NA | NA |
| NRC - 2-Wire VG - Incremental Charge--Manual Svc Order - Disconnect - 1st | SOMAN | NA | NA | $22.48 | NA | NA | NA | NA | NA | NA |
| NRC - 2-Wire VG - Incremental Charge--Manual Svc Order - Disconnect - Ad | SOMAN | NA | NA | $8.17 | NA | NA | NA | NA | NA | NA |
| NRC-All Existing Combination "Switch As Is" Conversion Charge (Note 6) | | | | | | | | | | |
| NRC-2/4-WIRE VG COMBINATION - "Switch As Is" Conversion Charge - 1st | UNCCC | $54.03 | $11.27 | $58.43 | $54.09 | $54.23 | $54.09 | $54.00 | $54.26 | $54.13 |
| NRC-2/4-WIRE VG COMBINATION - "Switch As Is" Conversion Charge - Add | UNCCC | $32.11 | $11.27 | $26.99 | $32.16 | $32.24 | $32.16 | $32.10 | $32.25 | $32.17 |
| NRC- 2/4-WIRE VG COMBINATION - "Switch As Is" Conversion Charge - Dis | UNCCC | $0.00 | $13.03 | $12.61 | $0.00 | $0.00 | $0.00 | $0.00 | $0.00 | $0.00 |
| NRC- 2/4-WIRE VG COMBINATION - "Switch As Is" Conversion Charge - Dis | UNCCC | $0.00 | $13.03 | $12.61 | $0.00 | $0.00 | $0.00 | $0.00 | $0.00 | $0.00 |
| | | | | | | | | | | |
| **Local Channel - Dedicated - 4-Wire VG** | | | | | | | | | | |
| Monthly Recurring per month | ULDV4 | $15.77 | $27.48 | $17.18 | $23.38 | $16.21 | $19.03 | $15.87 | $18.05 | $20.14 |
| **NRC - Ordinarily Combined in GA (Note 5)** | | | | | | | | | | |
| NRC-4-wire VG Local Channel - 1st | ULDV4 | NA | NA | $292.24 | NA | NA | NA | NA | NA | NA |
| NRC-4-wire VG Local Channel - Add'l | ULDV4 | NA | NA | $63.61 | NA | NA | NA | NA | NA | NA |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **ENHANCED EXTENDED LINKS (EELs)** | | | | | | | | | | | |
| NRC - Electronic Svc Order, per LSR | SOMEC | NA | NA | $3.50 | NA | NA | NA | NA | NA | NA |
| NRC - 4-Wire VG Local Channel - Incremental Charge--Manual Svc Order - 1 | SOMAN | NA | NA | $34.00 | NA | NA | NA | NA | NA | NA |
| NRC - 4-Wire VG Local Channel - Incremental Charge--Manual Svc Order - A | SOMAN | NA | NA | $21.58 | NA | NA | NA | NA | NA | NA |
| NRC - 4-Wire VG Local Channel - Incremental Charge--Manual Svc Order - D | SOMAN | NA | NA | $22.48 | NA | NA | NA | NA | NA | NA |
| NRC - 4-Wire VG Local Channel - Incremental Charge--Manual Svc Order - D | SOMAN | NA | NA | $8.17 | NA | NA | NA | NA | NA | NA |
| NRC-All Existing Combination "Switch As Is" Conversion Charge (Note 6) | | | | | | | | | | |
| NRC-2/4-WIRE VG COMBINATION - "Switch As Is" Conversion Charge - 1st | UNCCC | $54.03 | $11.27 | $58.43 | $54.09 | $54.23 | $54.09 | $54.00 | $54.26 | $54.13 |
| NRC-2/4-WIRE VG COMBINATION - "Switch As Is" Conversion Charge - Add | UNCCC | $32.11 | $11.27 | $26.99 | $32.16 | $32.24 | $32.16 | $32.10 | $32.25 | $32.17 |
| NRC- 2/4-WIRE VG COMBINATION - "Switch As Is" Conversion Charge - Dis | UNCCC | $0.00 | $13.03 | $12.61 | $0.00 | $0.00 | $0.00 | $0.00 | $0.00 | $0.00 |
| NRC- 2/4-WIRE VG COMBINATION - "Switch As Is" Conversion Charge - Dis | UNCCC | $0.00 | $13.03 | $12.61 | $0.00 | $0.00 | $0.00 | $0.00 | $0.00 | $0.00 |
| | | | | | | | | | | |
| **Local Channel - Dedicated - DS1** | | | | | | | | | | |
| DS1 Monthly Recurring per month | ULDF1 | $35.52 | $42.98 | $38.57 | $43.80 | $43.80 | $38.91 | $35.68 | $37.20 | $40.27 |
| **NRC - Ordinarily Combined in GA (Note 5)** | | | | | | | | | | |
| NRC - DS1 Local Channel - 1st | ULDF1 | NA | NA | $169.57 | NA | NA | NA | NA | NA | NA |
| NRC - DS1 Local Channel - Add'l | ULDF1 | NA | NA | $112.77 | NA | NA | NA | NA | NA | NA |
| NRC - Electronic Svc Order, per LSR | SOMEC | NA | NA | $3.50 | NA | NA | NA | NA | NA | NA |
| NRC - DS1 Local Channel - Incremental Charge--Manual Svc Order - 1st | SOMAN | NA | NA | $34.00 | NA | NA | NA | NA | NA | NA |
| NRC - DS1 Local Channel - Incremental Charge--Manual Svc Order - Add'l | SOMAN | NA | NA | $21.58 | NA | NA | NA | NA | NA | NA |
| NRC - DS1 Local Channel - Incremental Charge--Manual Svc Order - Disconr | SOMAN | NA | NA | $22.48 | NA | NA | NA | NA | NA | NA |
| NRC - DS1 Local Channel - Incremental Charge--Manual Svc Order - Disconr | SOMAN | NA | NA | $8.17 | NA | NA | NA | NA | NA | NA |
| NRC-All Existing Combination "Switch As Is" Conversion Charge (Note 6) | | | | | | | | | | |
| NRC-DS1 COMBINATION - "Switch As Is" Conversion Charge - 1st | UNCCC | $54.03 | $11.27 | $58.43 | $54.09 | $54.23 | $54.09 | $54.00 | $54.26 | $54.13 |
| NRC-DS1 COMBINATION - "Switch As Is" Conversion Charge - Add'l | UNCCC | $32.11 | $11.27 | $26.99 | $32.16 | $32.24 | $32.16 | $32.10 | $32.25 | $32.17 |
| NRC- DS1 COMBINATION - "Switch As Is" Conversion Charge - Disconnect | UNCCC | $0.00 | $13.03 | $12.61 | $0.00 | $0.00 | $0.00 | $0.00 | $0.00 | $0.00 |
| NRC- DS1 COMBINATION - "Switch As Is" Conversion Charge - Disconnect | UNCCC | $0.00 | $13.03 | $12.61 | $0.00 | $0.00 | $0.00 | $0.00 | $0.00 | $0.00 |
| | | | | | | | | | | |
| **Local Channel - Dedicated - DS3** | USOC | AL | FL | GA | KY | LA | MS | NC | SC | TN |
| DS3 Local Channel - per mile per month | 1L5NC | $8.44 | $9.32 | $7.00 | $34.00 | $30.34 | NA | NA | $12.08 | $23.76 |
| DS3 Local Channel - Facility Termination per month | ULDF3 | $525.40 | $560.39 | $523.20 | $635.09 | $558.00 | $531.39 | $512.00 | $481.14 | $615.65 |
| **NRC - Ordinarily Combined in GA (Note 5)** | | | | | | | | | | |
| NRC - DS3 Local Channel Facility Termination - 1st | ULDF3 | NA | NA | $770.12 | NA | NA | NA | NA | NA | NA |
| NRC - DS3 Local Channel - Facility Termination - Add'l | ULDF3 | NA | NA | $551.49 | NA | NA | NA | NA | NA | NA |
| NRC - Electronic Svc Order, per LSR | SOMEC | NA | NA | $3.50 | NA | NA | NA | NA | NA | NA |
| NRC - DS3 Local Channel - Incremental Charge--Manual Svc Order - 1st | SOMAN | NA | NA | $66.21 | NA | NA | NA | NA | NA | NA |
| NRC - DS3 Local Channel - Incremental Charge--Manual Svc Order - Add'l | SOMAN | NA | NA | $33.90 | NA | NA | NA | NA | NA | NA |
| NRC - DS3 Local Channel - Incremental Charge--Manual Svc Order - Disconr | SOMAN | NA | NA | $36.15 | NA | NA | NA | NA | NA | NA |
| NRC - DS3 Local Channel - Incremental Charge--Manual Svc Order - Disconr | SOMAN | NA | NA | $14.20 | NA | NA | NA | NA | NA | NA |
| NRC-All Existing Combination "Switch As Is" Conversion Charge (Note 6) | | | | | | | | | | |
| NRC-DS3 COMBINATION - "Switch As Is" Conversion Charge - 1st | UNCCC | $54.03 | $11.27 | $71.04 | $54.09 | $54.23 | $54.09 | $54.00 | $54.26 | $54.13 |
| NRC-DS3 COMBINATION - "Switch As Is" Conversion Charge - Add'l | UNCCC | $32.11 | $11.27 | $39.60 | $32.16 | $32.24 | $32.16 | $32.10 | $32.25 | $32.17 |
| NRC- DS3 COMBINATION - "Switch As Is" Conversion Charge - Disconnect | UNCCC | $0.00 | $13.03 | $0.00 | $0.00 | $0.00 | $0.00 | $0.00 | $0.00 | $0.00 |
| NRC- DS3 COMBINATION - "Switch As Is" Conversion Charge - Disconnect | UNCCC | $0.00 | $13.03 | $0.00 | $0.00 | $0.00 | $0.00 | $0.00 | $0.00 | $0.00 |
| | | | | | | | | | | |
| **Local Channel - Dedicated - STS-1** | | | | | | | | | | |
| STS-1 Local Channel - per mile per month | 1L5NC | $8.44 | $9.32 | $7.00 | $34.00 | $8.77 | $38.98 | NA | $12.08 | $25.11 |
| STS-1 Local Channel - Facility Termination per month | ULDFS | $525.40 | $569.67 | $523.20 | $635.09 | $558.00 | $531.39 | $512.00 | $481.14 | $615.65 |
| **NRC - Ordinarily Combined in GA (Note 5)** | | | | | | | | | | |
| NRC - STS-1 Local Channel Facility Termination - 1st | ULDFS | NA | NA | $770.12 | NA | NA | NA | NA | NA | NA |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **ENHANCED EXTENDED LINKS (EELs)** | | | | | | | | | | | |
| NRC - STS-1 Local Channel - Facility Termination - Add'l | ULDFS | NA | NA | $551.49 | NA | NA | NA | NA | NA | NA |
| NRC - Electronic Svc Order, per LSR | SOMEC | NA | NA | $3.50 | NA | NA | NA | NA | NA | NA |
| NRC - STS-1 Local Channel - Incremental Charge--Manual Svc Order - 1st | SOMAN | NA | NA | $37.96 | NA | NA | NA | NA | NA | NA |
| NRC - STS-1 Local Channel - Incremental Charge--Manual Svc Order - Add'l | SOMAN | NA | NA | $37.96 | NA | NA | NA | NA | NA | NA |
| NRC - STS-1 Local Channel - Incremental Charge--Manual Svc Order - Disco | SOMAN | NA | NA | $18.23 | NA | NA | NA | NA | NA | NA |
| NRC - STS-1 Local Channel - Incremental Charge--Manual Svc Order - Disco | SOMAN | NA | NA | $18.23 | NA | NA | NA | NA | NA | NA |
| NRC-All Existing Combination "Switch As Is" Conversion Charge (Note 6) | | | | | | | | | | |
| NRC-STS-1 COMBINATION - "Switch As Is" Conversion Charge - 1st | UNCCC | $54.03 | $11.27 | $58.43 | $54.09 | $54.23 | $54.09 | $54.00 | $54.26 | $54.13 |
| NRC-STS-1 COMBINATION - "Switch As Is" Conversion Charge - Add'l | UNCCC | $32.11 | $11.27 | $26.99 | $32.16 | $32.24 | $32.16 | $32.10 | $32.25 | $32.17 |
| NRC- STS-1 COMBINATION - "Switch As Is" Conversion Charge - Disconnec | UNCCC | $0.00 | $13.03 | $12.61 | $0.00 | $0.00 | $0.00 | $0.00 | $0.00 | $0.00 |
| NRC- STS-1 COMBINATION - "Switch As Is" Conversion Charge - Disconnec | UNCCC | $0.00 | $13.03 | $12.61 | $0.00 | $0.00 | $0.00 | $0.00 | $0.00 | $0.00 |
| | | | | | | | | | | |
| **Local Channel - OC3** | | | | | | | | | | |
| Local Channel - OC3 - per Mile | TBA | $8.23 | $7.83 | $6.75 | $33.15 | $29.58 | $41.27 | $24.69 | $11.78 | $23.16 |
| Local Channel - OC3 - per Facility Termination | TBA | $691.33 | $940.35 | $630.21 | $713.29 | $753.65 | $689.68 | $611.36 | $701.71 | $620.20 |
| **NRC - Ordinarily Combined In GA (Note 5)** | | | | | | | | | | |
| NRC - OC3 - Facility Termination - 1st | TBA | NA | NA | $947.69 | NA | NA | NA | NA | NA | NA |
| NRC - OC3 - Facility Termination - Add'l | TBA | NA | NA | $413.00 | NA | NA | NA | NA | NA | NA |
| NRC - OC3 - Facility Termination - Disconnect - 1st | TBA | NA | NA | $122.31 | NA | NA | NA | NA | NA | NA |
| NRC - OC3 - Facility Termination - Disconnect - Add'l | TBA | NA | NA | $119.14 | NA | NA | NA | NA | NA | NA |
| NRC - Electronic Svc Order, per LSR | SOMEC | NA | NA | $3.50 | NA | NA | NA | NA | NA | NA |
| NRC - OC3 - Incremental Charge--Manual Svc Order - 1st | SOMAN | NA | NA | $37.55 | NA | NA | NA | NA | NA | NA |
| NRC - OC3 - Incremental Charge--Manual Svc Order - Add'l | SOMAN | NA | NA | $37.55 | NA | NA | NA | NA | NA | NA |
| NRC - OC3 -Incremental Cost - Manual Svc. Order vs. Elect-Disconnect-1st | SOMAN | NA | NA | $18.03 | NA | NA | NA | NA | NA | NA |
| NRC - OC3 -Incremental Cost - Manual Svc. Order vs. Elect-Disconnect-Add'l | SOMAN | NA | NA | $18.03 | NA | NA | NA | NA | NA | NA |
| NRC-All Existing Combination "Switch As Is" Conversion Charge (Note 6) | | | | | | | | | | |
| NRC-OC-3 COMBINATION - "Switch As Is" Conversion Charge - 1st | UNCCC | $54.03 | $11.27 | $58.43 | $54.09 | $54.23 | $54.09 | $54.00 | $54.26 | $54.13 |
| NRC-OC-3 COMBINATION - "Switch As Is" Conversion Charge - Add'l | UNCCC | $32.11 | $11.27 | $26.99 | $32.16 | $32.24 | $32.16 | $32.10 | $32.25 | $32.17 |
| NRC- OC-3 COMBINATION - "Switch As Is" Conversion Charge - Disconnect | UNCCC | $0.00 | $13.03 | $12.61 | $0.00 | $0.00 | $0.00 | $0.00 | $0.00 | $0.00 |
| NRC- OC-3 COMBINATION - "Switch As Is" Conversion Charge - Disconnect | UNCCC | $0.00 | $13.03 | $12.61 | $0.00 | $0.00 | $0.00 | $0.00 | $0.00 | $0.00 |
| | | | | | | | | | | |
| **Local Channel - OC12** | USOC | AL | FL | GA | KY | LA | MS | NC | SC | TN |
| Local Channel - OC12 - per Mile | TBA | $10.13 | $11.18 | $8.31 | $40.80 | $36.40 | $50.79 | $30.38 | $14.50 | $28.51 |
| Local Channel - OC12 - per Facility Termination | TBA | $2,557 | $2,753 | $2,109.00 | $2,457 | $2,571 | $2,371 | $2,122 | $2,663 | $2,079 |
| **NRC - Ordinarily Combined In GA (Note 5)** | | | | | | | | | | |
| NRC - OC12 - Facility Termination - 1st | TBA | NA | NA | $1,162.00 | NA | NA | NA | NA | NA | NA |
| NRC - OC12 - Facility Termination - Add'l | TBA | NA | NA | $413.00 | NA | NA | NA | NA | NA | NA |
| NRC - OC12 - Facility Termination - Disconnect - 1st | TBA | NA | NA | $122.31 | NA | NA | NA | NA | NA | NA |
| NRC - OC12 - Facility Termination - Disconnect - Add'l | TBA | NA | NA | $119.14 | NA | NA | NA | NA | NA | NA |
| NRC - Electronic Svc Order, per LSR | SOMEC | NA | NA | $3.50 | NA | NA | NA | NA | NA | NA |
| NRC -OC12 - Incremental Charge - Manual Svc Order - 1st | SOMAN | NA | NA | $37.55 | NA | NA | NA | NA | NA | NA |
| NRC - OC12 - Incremental Charge - Manual Svc Order - Add'l | SOMAN | NA | NA | $37.55 | NA | NA | NA | NA | NA | NA |
| NRC - OC12 - Incremental Cost-Manual Svc. Order vs. Elect-Disconnect-1st | SOMAN | NA | NA | $18.03 | NA | NA | NA | NA | NA | NA |
| NRC - OC12 - Incremental Cost-Manual Svc. Order vs. Elect-Disconnect-Add | SOMAN | NA | NA | $18.03 | NA | NA | NA | NA | NA | NA |
| NRC-All Existing Combination "Switch As Is" Conversion Charge (Note 6) | | | | | | | | | | |
| NRC-OC-12 COMBINATION - "Switch As Is" Conversion Charge - 1st | UNCCC | $54.03 | $11.27 | $58.43 | $54.09 | $54.23 | $54.09 | $54.00 | $54.26 | $54.13 |
| NRC-OC-12 COMBINATION - "Switch As Is" Conversion Charge - Add'l | UNCCC | $32.11 | $11.27 | $26.99 | $32.16 | $32.24 | $32.16 | $32.10 | $32.25 | $32.17 |
| NRC- OC-12 COMBINATION - "Switch As Is" Conversion Charge - Disconnec | UNCCC | $0.00 | $13.03 | $12.61 | $0.00 | $0.00 | $0.00 | $0.00 | $0.00 | $0.00 |
| NRC- OC-12 COMBINATION - "Switch As Is" Conversion Charge - Disconnec | UNCCC | $0.00 | $13.03 | $12.61 | $0.00 | $0.00 | $0.00 | $0.00 | $0.00 | $0.00 |

| ENHANCED EXTENDED LINKS (EELs) | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | |
| **Local Channel - OC48** | USOC | AL | FL | GA | KY | LA | MS | NC | SC | TN |
| Local Channel - OC48 - per Mile | TBA | $33.22 | $36.67 | $27.25 | $133.84 | $119.40 | $166.59 | $120.02 | $47.57 | $93.50 |
| Local Channel - OC48 - per Facility Termination | TBA | $1,713 | $1,944 | $1,598.00 | $2,129 | $2,268 | $1,753 | $1,677 | $1,733 | $1,832 |
| Local Channel - OC12 interface on OC48 Facility | TBA | $736.71 | $586.28 | $594.80 | $725.77 | $723.29 | $667.00 | $582.66 | $773.40 | $570.54 |
| **NRC - Ordinarily Combined in GA (Note 5)** | | | | | | | | | | |
| NRC - OC48 - Facility Termination - 1st | TBA | NA | NA | $1,175 | NA | NA | NA | NA | NA | NA |
| NRC - OC48 - Facility Termination - Add'l | TBA | NA | NA | $417.50 | NA | NA | NA | NA | NA | NA |
| NRC - OC48 - Interface OC12 on OC48 - 1st | TBA | NA | NA | $545.24 | NA | NA | NA | NA | NA | NA |
| NRC - OC48 - Interface OC12 on OC48 - Add'l | TBA | NA | NA | $320.83 | NA | NA | NA | NA | NA | NA |
| NRC - OC48 - Facility Termination - Disconnect - 1st | TBA | NA | NA | $123.65 | NA | NA | NA | NA | NA | NA |
| NRC - OC48 - Facility Termination - Disconnect - Add'l | TBA | NA | NA | $120.44 | NA | NA | NA | NA | NA | NA |
| NRC - OC48- Interface OC12 on OC48 - Disconnect - 1st | TBA | NA | NA | $123.65 | NA | NA | NA | NA | NA | NA |
| NRC - OC48 - Interface OC12 on OC48 - Disconnect - Add'l | TBA | NA | NA | $120.44 | NA | NA | NA | NA | NA | NA |
| NRC - Electronic Svc Order, per LSR | SOMEC | NA | NA | $3.50 | NA | NA | NA | NA | NA | NA |
| NRC - OC48 - Facility Termination-Manual Svc Order vs Electronic-Disconne | SOMAN | NA | NA | $18.23 | NA | NA | NA | NA | NA | NA |
| NRC - OC48 - Facility Termination-Manual Svc Order vs Electronic-Disconnec | SOMAN | NA | NA | $18.23 | NA | NA | NA | NA | NA | NA |
| NRC - OC48 - Interface - Manual Svc Order vs Electronic-Disconnect-1st | SOMAN | NA | NA | $18.23 | NA | NA | NA | NA | NA | NA |
| NRC - OC48 - Interface - Manual Svc Order vs Electronic-Disconnect-Add'l | SOMAN | NA | NA | $18.23 | NA | NA | NA | NA | NA | NA |
| NRC - OC-48 - Incremental Charge--Manual Svc Order-1st | SOMAN | NA | NA | $37.96 | NA | NA | NA | NA | NA | NA |
| NRC - OC-48 - Incremental Charge--Manual Svc Order-Add'l | SOMAN | NA | NA | $37.96 | NA | NA | NA | NA | NA | NA |
| NRC - OC48 - Interface OC12 on OC48 - Incremental Charge--Manual Svc O | SOMAN | NA | NA | $37.96 | NA | NA | NA | NA | NA | NA |
| NRC - OC48 - Interface OC12 on OC48 - Incremental Charge--Manual Svc O | SOMAN | NA | NA | $37.96 | NA | NA | NA | NA | NA | NA |
| **NRC-All Existing Combination "Switch As Is" Conversion Charge (Note 6)** | | | | | | | | | | |
| NRC-OC-48 COMBINATION - "Switch As Is" Conversion Charge - 1st | UNCCC | $54.03 | $11.27 | $58.43 | $54.09 | $54.23 | $54.09 | $54.00 | $54.26 | $54.13 |
| NRC-OC-48 COMBINATION - "Switch As Is" Conversion Charge - Add'l | UNCCC | $32.11 | $11.27 | $26.99 | $32.16 | $32.24 | $32.16 | $32.10 | $32.25 | $32.17 |
| NRC- OC-48 COMBINATION - "Switch As Is" Conversion Charge - Disconnec | UNCCC | $0.00 | $13.03 | $12.61 | $0.00 | $0.00 | $0.00 | $0.00 | $0.00 | $0.00 |
| NRC- OC-48 COMBINATION - "Switch As Is" Conversion Charge - Disconnec | UNCCC | $0.00 | $13.03 | $12.61 | $0.00 | $0.00 | $0.00 | $0.00 | $0.00 | $0.00 |
| | | | | | | | | | | |
| **Interoffice Channels:** | | | | | | | | | | |
| **Interoffice Channel - Dedicated - 2-wire VG** | | | | | | | | | | |
| Interoffice Channel - Dedicated 2-wire VG - per mile per month | 1L5XX | $0.03 | $0.0100 | $0.02 | $0.03 | $0.04 | $0.03 | $0.03 | $0.04 | $0.02 |
| Interoffice Channel - Dedicated 2-wire VG - Facility Termination per month | U1TV2 | $18.49 | $26.72 | $17.07 | $27.66 | $19.10 | $21.33 | $18.01 | $21.42 | $18.33 |
| **NRC - Ordinarily Combined in GA (Note 5)** | | | | | | | | | | |
| NRC - 2-wire VG Interoffice Channel - Facility Termination - 1st | U1TV2 | NA | NA | $79.61 | NA | NA | NA | NA | NA | NA |
| NRC - 2-wire VG Interoffice Channel - Facility Termination - Add'l | U1TV2 | NA | NA | $36.08 | NA | NA | NA | NA | NA | NA |
| NRC - Electronic Svc Order, per LSR | SOMEC | NA | NA | $3.50 | NA | NA | NA | NA | NA | NA |
| NRC - 2-wire VG Interoffice Channel - Incremental Charge--Manual Svc Orde | SOMAN | NA | NA | $18.94 | NA | NA | NA | NA | NA | NA |
| NRC - 2-wire VG Interoffice Channel - Incremental Charge--Manual Svc Orde | SOMAN | NA | NA | $18.94 | NA | NA | NA | NA | NA | NA |
| NRC - 2-wire VG Interoffice Channel - Incremental Charge--Manual Svc Orde | SOMAN | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| NRC - 2-wire VG Interoffice Channel - Incremental Charge--Manual Svc Orde | SOMAN | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| **NRC-All Existing Combination "Switch As Is" Conversion Charge (Note 6)** | | | | | | | | | | |
| NRC-2/4-WIRE VG COMBINATION - "Switch As Is" Conversion Charge - 1st | UNCCC | $54.03 | $11.27 | $58.43 | $54.09 | $54.23 | $54.09 | $54.00 | $54.26 | $54.13 |
| NRC-2/4-WIRE VG COMBINATION - "Switch As Is" Conversion Charge - Add | UNCCC | $32.11 | $11.27 | $26.99 | $32.16 | $32.24 | $32.16 | $32.10 | $32.25 | $32.17 |
| NRC- 2/4-WIRE VG COMBINATION - "Switch As Is" Conversion Charge - Dis | UNCCC | $0.00 | $13.03 | $12.61 | $0.00 | $0.00 | $0.00 | $0.00 | $0.00 | $0.00 |
| NRC- 2/4-WIRE VG COMBINATION - "Switch As Is" Conversion Charge - Dis | UNCCC | $0.00 | $13.03 | $12.61 | $0.00 | $0.00 | $0.00 | $0.00 | $0.00 | $0.00 |
| | | | | | | | | | | |
| **Interoffice Channel - Dedicated - 4-wire VG** | | | | | | | | | | |
| Interoffice Channel - Dedicated 4-wire VG - per mile per month | 1L5XX | NA | $0.0100 | NA | NA | NA | NA | NA | NA | NA |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **ENHANCED EXTENDED LINKS (EELs)** | | | | | | | | | | | |
| Interoffice Channel - Dedicated 4-wire VG - Facility Termination per month | U1TV4 | NA | $23.82 | NA | NA | NA | NA | NA | NA | NA | |
| **NRC - Ordinarily Combined in GA (Note 5)** | | | | | | | | | | | |
| NRC - 4-wire VG Interoffice Channel - Facility Termination - 1st | U1TV4 | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| NRC - 4-wire VG Interoffice Channel - Facility Termination - Add'l | U1TV4 | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| NRC - Electronic Svc Order, per LSR | SOMEC | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| NRC - 4-wire VG Interoffice Channel - Incremental Charge--Manual Svc Orde | SOMAN | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| NRC - 4-wire VG Interoffice Channel - Incremental Charge--Manual Svc Orde | SOMAN | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| NRC - 4-wire VG Interoffice Channel - Incremental Charge--Manual Svc Orde | SOMAN | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| NRC - 4-wire VG Interoffice Channel - Incremental Charge--Manual Svc Orde | SOMAN | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| **NRC-All Existing Combination "Switch As Is" Conversion Charge (Note 6)** | | | | | | | | | | | |
| NRC-2/4-WIRE VG COMBINATION - "Switch As Is" Conversion Charge - 1st | UNCCC | $54.03 | $11.27 | $58.43 | $54.09 | $54.23 | $54.09 | $54.00 | $54.26 | $54.13 | |
| NRC-2/4-WIRE VG COMBINATION - "Switch As Is" Conversion Charge - Add | UNCCC | $32.11 | $11.27 | $26.99 | $32.16 | $32.24 | $32.16 | $32.10 | $32.25 | $32.17 | |
| NRC- 2/4-WIRE VG COMBINATION - "Switch As Is" Conversion Charge - Dis | UNCCC | $0.00 | $13.03 | $12.61 | $0.00 | $0.00 | $0.00 | $0.00 | $0.00 | $0.00 | |
| NRC- 2/4-WIRE VG COMBINATION - "Switch As Is" Conversion Charge - Dis | UNCCC | $0.00 | $13.03 | $12.61 | $0.00 | $0.00 | $0.00 | $0.00 | $0.00 | $0.00 | |
| | | | | | | | | | | | |
| **Interoffice Channel - Dedicated - DS0 - 56kbps** | | | | | | | | | | | |
| Interoffice Channel - Dedicated - DS0 - 56kbps - per mile per month | 1L5XX | $0.03 | $0.0100 | $0.02 | $0.0301 | $0.04 | $0.03 | $0.03 | $0.04 | $0.17 | |
| Interoffice Channel - Dedicated - DS0 - 56 kbps - Facility Termination per mo | U1TD5 | $17.81 | $19.46 | $16.45 | $26.95 | $18.37 | $20.64 | $17.40 | $20.71 | $17.74 | |
| **NRC - Ordinarily Combined in GA (Note 5)** | | | | | | | | | | | |
| NRC - 4-wire 56kbps Interoffice Channel - Facility Termination - 1st | U1TD5 | NA | NA | $79.61 | NA | NA | NA | NA | NA | NA | |
| NRC - 4-wire 56 kbps Interoffice Channel - Facility Termination - Add'l | U1TD5 | NA | NA | $36.08 | NA | NA | NA | NA | NA | NA | |
| NRC - Electronic Svc Order, per LSR | SOMEC | NA | NA | $3.50 | NA | NA | NA | NA | NA | NA | |
| NRC - 4-wire 56 kbps Interoffice Channel - Incremental Charge--Manual Svc ( | SOMAN | NA | NA | $18.94 | NA | NA | NA | NA | NA | NA | |
| NRC - 4-wire 56 kbps Interoffice Channel - Incremental Charge--Manual Svc ( | SOMAN | NA | NA | $18.94 | NA | NA | NA | NA | NA | NA | |
| NRC - 4-wire 56 kbps Interoffice Channel - Incremental Charge--Manual Svc ( | SOMAN | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| NRC - 4-wire 56 kbps Interoffice Channel - Incremental Charge--Manual Svc ( | SOMAN | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| **NRC-All Existing Combination "Switch As Is" Conversion Charge (Note 6)** | | | | | | | | | | | |
| NRC-2/4-WIRE VG COMBINATION - "Switch As Is" Conversion Charge - 1st | UNCCC | $54.03 | $11.27 | $58.43 | $54.09 | $54.23 | $54.09 | $54.00 | $54.26 | $54.13 | |
| NRC-2/4-WIRE VG COMBINATION - "Switch As Is" Conversion Charge - Add | UNCCC | $32.11 | $11.27 | $26.99 | $32.16 | $32.24 | $32.16 | $32.10 | $32.25 | $32.17 | |
| NRC- 2/4-WIRE VG COMBINATION - "Switch As Is" Conversion Charge - Dis | UNCCC | $0.00 | $13.03 | $12.61 | $0.00 | $0.00 | $0.00 | $0.00 | $0.00 | $0.00 | |
| NRC- 2/4-WIRE VG COMBINATION - "Switch As Is" Conversion Charge - Dis | UNCCC | $0.00 | $13.03 | $12.61 | $0.00 | $0.00 | $0.00 | $0.00 | $0.00 | $0.00 | |
| | | | | | | | | | | | |
| **Interoffice Channel - Dedicated - DS0 - 64kbps** | | | | | | | | | | | |
| Interoffice Channel - Dedicated - DS0 - 64kbps - per mile per month | 1L5XX | $0.03 | $0.0100 | $0.02 | $0.0301 | $0.04 | $0.03 | $0.03 | $0.04 | $0.17 | |
| Interoffice Channel - Dedicated - DS0 - 64 kbps - Facility Termination per mo | U1TD6 | $17.81 | $19.46 | $16.45 | $26.95 | $18.37 | $20.64 | $17.40 | $20.71 | $17.74 | |
| **NRC - Ordinarily Combined in GA (Note 5)** | | | | | | | | | | | |
| NRC - 4-wire 64kbps Interoffice Channel - Facility Termination - 1st | U1TD6 | NA | NA | $79.61 | NA | NA | NA | NA | NA | NA | |
| NRC - 4-wire 64 kbps Interoffice Channel - Facility Termination - Add'l | U1TD6 | NA | NA | $36.08 | NA | NA | NA | NA | NA | NA | |
| NRC - Electronic Svc Order, per LSR | SOMEC | NA | NA | $3.50 | NA | NA | NA | NA | NA | NA | |
| NRC - 4-wire 64 kbps Interoffice Channel - Incremental Charge--Manual Svc ( | SOMAN | NA | NA | $18.94 | NA | NA | NA | NA | NA | NA | |
| NRC - 4-wire 64 kbps Interoffice Channel - Incremental Charge--Manual Svc ( | SOMAN | NA | NA | $18.94 | NA | NA | NA | NA | NA | NA | |
| NRC - 4-wire 64 kbps Interoffice Channel - Incremental Charge--Manual Svc ( | SOMAN | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| NRC - 4-wire 64 kbps Interoffice Channel - Incremental Charge--Manual Svc ( | SOMAN | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| **NRC-All Existing Combination "Switch As Is" Conversion Charge (Note 6)** | | | | | | | | | | | |
| NRC-2/4-WIRE VG COMBINATION - "Switch As Is" Conversion Charge - 1st | UNCCC | $54.03 | $11.27 | $58.43 | $54.09 | $54.23 | $54.09 | $54.00 | $54.26 | $54.13 | |
| NRC-2/4-WIRE VG COMBINATION - "Switch As Is" Conversion Charge - Add | UNCCC | $32.11 | $11.27 | $26.99 | $32.16 | $32.24 | $32.16 | $32.10 | $32.25 | $32.17 | |
| NRC- 2/4-WIRE VG COMBINATION - "Switch As Is" Conversion Charge - Dis | UNCCC | $0.00 | $13.03 | $12.61 | $0.00 | $0.00 | $0.00 | $0.00 | $0.00 | $0.00 | |
| NRC- 2/4-WIRE VG COMBINATION - "Switch As Is" Conversion Charge - Dis | UNCCC | $0.00 | $13.03 | $12.61 | $0.00 | $0.00 | $0.00 | $0.00 | $0.00 | $0.00 | |

BELLSOUTH/TCI RATES
NETWORK ELEMENTS
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ENHANCED EXTENDED LINKS

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| **ENHANCED EXTENDED LINKS (EELs)** | | | | | | | | | | |
| **Interoffice Channel - Dedicated - DS1** | | | | | | | | | | |
| Interoffice Channel - Dedicated - DS1 - per mile per month | 1L5XX | $0.69 | $0.2035 | $0.31 | $0.45 | $0.78 | $0.66 | $0.08 | $0.76 | $0.35 |
| Interoffice Channel - Dedicated - DS1 - Facility Termination per month | U1TF1 | $79.69 | $93.31 | $63.39 | $55.05 | $93.40 | $74.40 | $71.29 | $94.98 | $75.83 |
| **NRC - Ordinarily Combined In GA (Note 5)** | | | | | | | | | | |
| NRC - DS1 Interoffice Channel - Facility Termination - 1st | U1TF1 | NA | NA | $169.57 | NA | NA | NA | NA | NA | NA |
| NRC - DS1 Interoffice Channel - Facility Termination - Add'l | U1TF1 | NA | NA | $112.77 | NA | NA | NA | NA | NA | NA |
| NRC - Electronic Svc Order, per LSR | SOMEC | NA | NA | $3.50 | NA | NA | NA | NA | NA | NA |
| NRC - DS1 Interoffice Channel - Incremental Charge--Manual Svc Order - 1st | SOMAN | NA | NA | $23.98 | NA | NA | NA | NA | NA | NA |
| NRC - DS1 Interoffice Channel - Incremental Charge--Manual Svc Order - Ad | SOMAN | NA | NA | $17.77 | NA | NA | NA | NA | NA | NA |
| NRC - DS1 Interoffice Channel - Incremental Charge--Manual Svc Order - Dis | SOMAN | NA | NA | $15.13 | NA | NA | NA | NA | NA | NA |
| NRC - DS1 Interoffice Channel - Incremental Charge--Manual Svc Order - Dis | SOMAN | NA | NA | $7.02 | NA | NA | NA | NA | NA | NA |
| **NRC-All Existing Combination "Switch As Is" Conversion Charge (Note 6)** | | | | | | | | | | |
| NRC-DS1 COMBINATION - "Switch As Is" Conversion Charge - 1st | UNCCC | $54.03 | $11.27 | $58.43 | $54.09 | $54.23 | $54.09 | $54.00 | $54.26 | $54.13 |
| NRC-DS1 COMBINATION - "Switch As Is" Conversion Charge - Add'l | UNCCC | $32.11 | $11.27 | $26.99 | $32.16 | $32.24 | $32.16 | $32.10 | $32.25 | $32.17 |
| NRC- DS1 COMBINATION - "Switch As Is" Conversion Charge - Disconnect | UNCCC | $0.00 | $13.03 | $12.61 | $0.00 | $0.00 | $0.00 | $0.00 | $0.00 | $0.00 |
| NRC- DS1 COMBINATION - "Switch As Is" Conversion Charge - Disconnect | UNCCC | $0.00 | $13.03 | $12.61 | $0.00 | $0.00 | $0.00 | $0.00 | $0.00 | $0.00 |
| | | | | | | | | | | |
| **Interoffice Channel - Dedicated - DS3 - per mile per month** | | | | | | | | | | |
| Interoffice Channel - Dedicated - DS3 - per mile per month | 1L5XX | $4.98 | $4.25 | $6.46 | $12.06 | $16.15 | $13.48 | $12.98 | $19.14 | $6.88 |
| Interoffice Channel - Dedicated - DS3 - Facility Termination per month | U1TF3 | $898.15 | $1,130 | $717.60 | $1,112.02 | $1,131.09 | $686.84 | $720.38 | $904.49 | $840.61 |
| **NRC - Ordinarily Combined In GA (Note 5)** | | | | | | | | | | |
| NRC - DS3 Interoffice Channel - Facility Termination - 1st | U1TF3 | NA | NA | $578.97 | NA | NA | NA | NA | NA | NA |
| NRC - DS3 Interoffice Channel - Facility Termination - Add'l | U1TF3 | NA | NA | $312.17 | NA | NA | NA | NA | NA | NA |
| NRC - Electronic Svc Order, per LSR | SOMEC | NA | NA | $3.50 | NA | NA | NA | NA | NA | NA |
| NRC - DS3 Interoffice Channel - Incremental Charge--Manual Svc Order - 1st | SOMAN | NA | NA | $51.27 | NA | NA | NA | NA | NA | NA |
| NRC - DS3 Interoffice Channel - Incremental Charge--Manual Svc Order - Ad | SOMAN | NA | NA | $38.87 | NA | NA | NA | NA | NA | NA |
| NRC - DS3 Interoffice Channel - Incremental Charge--Manual Svc Order - Dis | SOMAN | NA | NA | $30.42 | NA | NA | NA | NA | NA | NA |
| NRC - DS3 Interoffice Channel - Incremental Charge--Manual Svc Order - Dis | SOMAN | NA | NA | $18.76 | NA | NA | NA | NA | NA | NA |
| **NRC-All Existing Combination "Switch As Is" Conversion Charge (Note 6)** | | | | | | | | | | |
| NRC-DS3 COMBINATION - "Switch As Is" Conversion Charge - 1st | UNCCC | $54.03 | $11.27 | $58.43 | $54.09 | $54.23 | $54.09 | $54.00 | $54.26 | $54.13 |
| NRC-DS3 COMBINATION - "Switch As Is" Conversion Charge - Add'l | UNCCC | $32.11 | $11.27 | $26.99 | $32.16 | $32.24 | $32.16 | $32.10 | $32.25 | $32.17 |
| NRC- DS3 COMBINATION - "Switch As Is" Conversion Charge - Disconnect | UNCCC | $0.00 | $13.03 | $12.61 | $0.00 | $0.00 | $0.00 | $0.00 | $0.00 | $0.00 |
| NRC- DS3 COMBINATION - "Switch As Is" Conversion Charge - Disconnect | UNCCC | $0.00 | $13.03 | $12.61 | $0.00 | $0.00 | $0.00 | $0.00 | $0.00 | $0.00 |
| | | | | | | | | | | |
| **Interoffice Channel - Dedicated - STS-1** | | | | | | | | | | |
| Interoffice Channel - Dedicated - STS-1 - per mile per month | 1L5XX | $4.98 | $9.32 | $2.75 | $12.62 | $14.04 | $15.02 | $12.98 | $8.13 | $5.89 |
| Interoffice Channel - Dedicated - STS-1 - Facility Termination per month | U1TFS | $898.15 | $569.67 | $796.59 | $1,204 | $1,101 | $744.38 | $720.38 | $967.70 | $760.20 |
| **NRC - Ordinarily Combined In GA (Note 5)** | | | | | | | | | | |
| NRC - STS-1 Interoffice Channel - Facility Termination - 1st | U1TFS | NA | NA | $640.32 | NA | NA | NA | NA | NA | NA |
| NRC - STS-1 Interoffice Channel - Facility Termination - Add'l | U1TFS | NA | NA | $575.26 | NA | NA | NA | NA | NA | NA |
| NRC - Electronic Svc Order, per LSR | SOMEC | NA | NA | $3.50 | NA | NA | NA | NA | NA | NA |
| NRC - STS-1 Interoffice Channel - Incremental Charge--Manual Svc Order - 1 | SOMAN | NA | NA | $37.96 | NA | NA | NA | NA | NA | NA |
| NRC - STS-1 Interoffice Channel - Incremental Charge--Manual Svc Order - A | SOMAN | NA | NA | $37.96 | NA | NA | NA | NA | NA | NA |
| NRC - STS-1 Interoffice Channel - Incremental Charge--Manual Svc Order - D | SOMAN | NA | NA | $18.23 | NA | NA | NA | NA | NA | NA |
| NRC - STS-1 Interoffice Channel - Incremental Charge--Manual Svc Order - D | SOMAN | NA | NA | $18.23 | NA | NA | NA | NA | NA | NA |
| **NRC-All Existing Combination "Switch As Is" Conversion Charge (Note 6)** | | | | | | | | | | |
| NRC-STS-1 COMBINATION - "Switch As Is" Conversion Charge - 1st | UNCCC | $54.03 | $11.27 | $58.43 | $54.09 | $54.23 | $54.09 | $54.00 | $54.26 | $54.13 |
| NRC-STS-1 COMBINATION - "Switch As Is" Conversion Charge - Add'l | UNCCC | $32.11 | $11.27 | $26.99 | $32.16 | $32.24 | $32.16 | $32.10 | $32.25 | $32.17 |
| NRC- STS-1 COMBINATION - "Switch As Is" Conversion Charge - Disconnec | UNCCC | $0.00 | $13.03 | $12.61 | $0.00 | $0.00 | $0.00 | $0.00 | $0.00 | $0.00 |

BELLSOUTH/TCI RATES
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| **ENHANCED EXTENDED LINKS (EELs)** | | | | | | | | | | | |
| NRC- STS-1 COMBINATION - "Switch As Is" Conversion Charge - Disconnec | UNCCC | $0.00 | $13.03 | $12.61 | $0.00 | $0.00 | $0.00 | $0.00 | $0.00 | $0.00 |
| | | | | | | | | | | |
| **Interoffice Channel - OC3** | | | | | | | | | | |
| Interoffice Channel - OC3 - per Mile | 1L5XX | $7.35 | $8.38 | $4.37 | $27.97 | $23.89 | $18.35 | $14.10 | $9.75 | $13.45 |
| Interoffice Channel - OC3 - per Facility Termination | TBA | $2,475 | $3,043 | $2,187.00 | $3,390 | $2,990 | $1,892.00 | $2,071 | $2,802 | $2,124 |
| **NRC - Ordinarily Combined In GA (Note 5)** | | | | | | | | | | |
| NRC - OC3 - Facility Termination - 1st | TBA | NA | NA | $947.69 | NA | NA | NA | NA | NA | NA |
| NRC - OC3 - Facility Termination - Add'l | TBA | NA | NA | $413.00 | NA | NA | NA | NA | NA | NA |
| NRC - OC3 - Facility Termination - Disconnect - 1st | TBA | NA | NA | $122.31 | NA | NA | NA | NA | NA | NA |
| NRC - OC3 - Facility Termination - Disconnect - Add'l | TBA | NA | NA | $119.14 | NA | NA | NA | NA | NA | NA |
| NRC - Electronic Svc Order, per LSR | SOMEC | NA | NA | $3.50 | NA | NA | NA | NA | NA | NA |
| NRC - OC3 - Incremental Charge--Manual Svc Order - 1st | SOMAN | NA | NA | $37.55 | NA | NA | NA | NA | NA | NA |
| NRC - OC3 - Incremental Charge--Manual Svc Order - Add'l | SOMAN | NA | NA | $37.55 | NA | NA | NA | NA | NA | NA |
| NRC - OC3 -Incremental Cost - Manual Svc. Order vs. Elect-Disconnect-1st | SOMAN | NA | NA | $18.03 | NA | NA | NA | NA | NA | NA |
| NRC - OC3 -Incremental Cost - Manual Svc. Order vs. Elect-Disconnect-Add'l | SOMAN | NA | NA | $18.03 | NA | NA | NA | NA | NA | NA |
| **NRC-All Existing Combination "Switch As Is" Conversion Charge (Note 6)** | | | | | | | | | | |
| NRC-OC-3 COMBINATION - "Switch As Is" Conversion Charge - 1st | UNCCC | $54.03 | $11.27 | $58.43 | $54.09 | $54.23 | $54.09 | $54.00 | $54.26 | $54.13 |
| NRC-OC-3 COMBINATION - "Switch As Is" Conversion Charge - Add'l | UNCCC | $32.11 | $11.27 | $26.99 | $32.16 | $32.24 | $32.16 | $32.10 | $32.25 | $32.17 |
| NRC- OC-3 COMBINATION - "Switch As Is" Conversion Charge - Disconnect | UNCCC | $0.00 | $13.03 | $12.61 | $0.00 | $0.00 | $0.00 | $0.00 | $0.00 | $0.00 |
| NRC- OC-3 COMBINATION - "Switch As Is" Conversion Charge - Disconnect | UNCCC | $0.00 | $13.03 | $12.61 | $0.00 | $0.00 | $0.00 | $0.00 | $0.00 | $0.00 |
| | | | | | | | | | | |
| **Interoffice Channel - OC12** | | | | | | | | | | |
| Interoffice Channel - OC12 - per Mile | TBA | $19.26 | $26.91 | $15.05 | $84.88 | $74.44 | $60.42 | $30.38 | $32.52 | $49.80 |
| Interoffice Channel - OC12 - per Facility Termination | TBA | $9,763 | $11,685 | $8,202.00 | $12,344 | $11,517 | $7,182.00 | $2,122 | $11,132 | $8,015 |
| **NRC - Ordinarily Combined In GA (Note 5)** | | | | | | | | | | |
| NRC - OC12 - Facility Termination - 1st | TBA | NA | NA | $1,034.00 | NA | NA | NA | NA | NA | NA |
| NRC - OC12 - Facility Termination - Add'l | TBA | NA | NA | $317.38 | NA | NA | NA | NA | NA | NA |
| NRC - OC12 - Facility Termination - Disconnect - 1st | TBA | NA | NA | $122.31 | NA | NA | NA | NA | NA | NA |
| NRC - OC12 - Facility Termination - Disconnect - Add'l | TBA | NA | NA | $119.14 | NA | NA | NA | NA | NA | NA |
| NRC - Electronic Svc Order, per LSR | SOMEC | NA | NA | $3.50 | NA | NA | NA | NA | NA | NA |
| NRC -OC12 - Incremental Charge - Manual Svc Order - 1st | SOMAN | NA | NA | $37.55 | NA | NA | NA | NA | NA | NA |
| NRC - OC12 - Incremental Charge - Manual Svc Order - Add'l | SOMAN | NA | NA | $37.55 | NA | NA | NA | NA | NA | NA |
| NRC - OC12 - Incremental Cost-Manual Svc. Order vs. Elect-Disconnect-1st | SOMAN | NA | NA | $18.03 | NA | NA | NA | NA | NA | NA |
| NRC - OC12 - Incremental Cost-Manual Svc. Order vs. Elect-Disconnect-Add' | SOMAN | NA | NA | $18.03 | NA | NA | NA | NA | NA | NA |
| **NRC-All Existing Combination "Switch As Is" Conversion Charge (Note 6)** | | | | | | | | | | |
| NRC-OC-12 COMBINATION - "Switch As Is" Conversion Charge - 1st | UNCCC | $54.03 | $11.27 | $58.43 | $54.09 | $54.23 | $54.09 | $54.00 | $54.26 | $54.13 |
| NRC-OC-12 COMBINATION - "Switch As Is" Conversion Charge - Add'l | UNCCC | $32.11 | $11.27 | $26.99 | $32.16 | $32.24 | $32.16 | $32.10 | $32.25 | $32.17 |
| NRC- OC-12 COMBINATION - "Switch As Is" Conversion Charge - Disconnec | UNCCC | $0.00 | $13.03 | $12.61 | $0.00 | $0.00 | $0.00 | $0.00 | $0.00 | $0.00 |
| NRC- OC-12 COMBINATION - "Switch As Is" Conversion Charge - Disconnec | UNCCC | $0.00 | $13.03 | $12.61 | $0.00 | $0.00 | $0.00 | $0.00 | $0.00 | $0.00 |
| | | | | | | | | | | |
| **Interoffice Channel - OC48** | | | | | | | | | | |
| Interoffice Channel - OC48 - per Mile | TBA | $30.65 | $34.66 | $25.70 | $138.02 | $128.59 | $102.43 | $120.02 | $45.92 | $106.55 |
| Interoffice Channel - OC48 - per Facility Termination | TBA | $11,691 | $12,554 | $11,134.00 | $16,017 | $14,950 | $11,480.00 | $1,677 | $967.58 | $11,632 |
| Interoffice Channel - OC12 interface on OC48 Facility | TBA | $1,424 | $1,208 | $1,137.00 | $1,497 | $1,451 | $1,351.00 | $582.66 | $1,561 | $1,170 |
| **NRC - Ordinarily Combined In GA (Note 5)** | | | | | | | | | | |
| NRC - OC48 - Facility Termination - 1st | TBA | NA | NA | $1,034.00 | NA | NA | NA | NA | NA | NA |
| NRC - OC48 - Facility Termination - Add'l | TBA | NA | NA | $317.38 | NA | NA | NA | NA | NA | NA |
| NRC - OC48 - Interface OC12 on OC48 - 1st | TBA | NA | NA | $539.36 | NA | NA | NA | NA | NA | NA |
| NRC - OC48 - Interface OC12 on OC48 - Add'l | TBA | NA | NA | $317.38 | NA | NA | NA | NA | NA | NA |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **ENHANCED EXTENDED LINKS (EELs)** | | | | | | | | | | | |
| NRC - OC48 - Facility Termination - Disconnect - 1st | TBA | NA | NA | $122.31 | NA | NA | NA | NA | NA | NA | |
| NRC - OC48 - Facility Termination - Disconnect - Add'l | TBA | NA | NA | $119.14 | NA | NA | NA | NA | NA | NA | |
| NRC - OC48- Interface OC12 on OC48 - Disconnect - 1st | TBA | NA | NA | $122.31 | NA | NA | NA | NA | NA | NA | |
| NRC - OC48 - Interface OC12 on OC48 - Disconnect - Add'l | TBA | NA | NA | $37.55 | NA | NA | NA | NA | NA | NA | |
| NRC - Electronic Svc Order, per LSR | SOMEC | NA | NA | $3.50 | NA | NA | NA | NA | NA | NA | |
| NRC - OC48 - Facility Termination-Manual Svc Order vs Electronic-Disconne | SOMAN | NA | NA | $37.55 | NA | NA | NA | NA | NA | NA | |
| NRC - OC48 - Facility Termination-Manual Svc Order vs Electronic-Disconne | SOMAN | NA | NA | $37.55 | NA | NA | NA | NA | NA | NA | |
| NRC - OC48 - Interface - Manual Svc Order vs Electronic-Disconnect-1st | SOMAN | NA | NA | $37.55 | NA | NA | NA | NA | NA | NA | |
| NRC - OC48 - Interface - Manual Svc Order vs Electronic-Disconnect-Add'l | SOMAN | NA | NA | $18.03 | NA | NA | NA | NA | NA | NA | |
| NRC - OC-48 - Incremental Charge--Manual Svc Order-1st | SOMAN | NA | NA | $18.03 | NA | NA | NA | NA | NA | NA | |
| NRC - OC-48 - Incremental Charge--Manual Svc Order-Add'l | SOMAN | NA | NA | $18.03 | NA | NA | NA | NA | NA | NA | |
| NRC - OC48 - Interface OC12 on OC48 - Incremental Charge--Manual Svc O | SOMAN | NA | NA | $18.03 | NA | NA | NA | NA | NA | NA | |
| NRC - OC48 - Interface OC12 on OC48 - Incremental Charge--Manual Svc O | SOMAN | NA | NA | $18.03 | NA | NA | NA | NA | NA | NA | |
| **NRC-All Existing Combination "Switch As Is" Conversion Charge (Note 6)** | | | | | | | | | | | |
| NRC-OC-48 COMBINATION - "Switch As Is" Conversion Charge - 1st | UNCCC | $54.03 | $11.27 | $58.43 | $54.09 | $54.23 | $54.09 | $54.00 | $54.26 | $54.13 | |
| NRC-OC-48 COMBINATION - "Switch As Is" Conversion Charge - Add'l | UNCCC | $32.11 | $11.27 | $26.99 | $32.16 | $32.24 | $32.16 | $32.10 | $32.25 | $32.17 | |
| NRC- OC-48 COMBINATION - "Switch As Is" Conversion Charge - Disconnec | UNCCC | $0.00 | $13.03 | $12.61 | $0.00 | $0.00 | $0.00 | $0.00 | $0.00 | $0.00 | |
| NRC- OC-48 COMBINATION - "Switch As Is" Conversion Charge - Disconnec | UNCCC | $0.00 | $13.03 | $12.61 | $0.00 | $0.00 | $0.00 | $0.00 | $0.00 | $0.00 | |
| | | | | | | | | | | | |
| **Channelization:** | | | | | | | | | | | |
| **DS3 Channelization** | | | | | | | | | | | |
| DS3 Channelized System per month | MQ3 | $225.36 | $222.61 | $202.91 | $236.32 | $245.84 | $229.30 | $226.81 | $200.01 | $222.98 | |
| DS3 Interface per month (DS1 COCI) | UC1D1 | $17.22 | $14.51 | $0.67 | $8.52 | $7.55 | $5.58 | $4.61 | $11.99 | $3.91 | |
| **NRC - Ordinarily Combined In GA (Note 5)** | | | | | | | | | | | |
| NRC - DS3 Channelization - 1st | MQ3 | NA | NA | $241.14 | NA | NA | NA | NA | NA | NA | |
| NRC - DS3 Channelization - Add'l | MQ3 | NA | NA | $130.02 | NA | NA | NA | NA | NA | NA | |
| NRC - Channel Activation - 1st | UC1D1 | NA | NA | $12.15 | NA | NA | NA | NA | NA | NA | |
| NRC - Channel Activation - Add'l | UC1D1 | NA | NA | $8.76 | NA | NA | NA | NA | NA | NA | |
| NRC - Electronic Svc Order, per LSR | SOMEC | NA | NA | $3.50 | NA | NA | NA | NA | NA | NA | |
| NRC - DS3 Channelization - Incremental Charge--Manual Svc Order - 1st | SOMAN | NA | NA | $14.91 | NA | NA | NA | NA | NA | NA | |
| NRC - DS3 Channelization - Incremental Charge--Manual Svc Order - Add'l | SOMAN | NA | NA | $6.63 | NA | NA | NA | NA | NA | NA | |
| NRC - DS3 Channelization - Incremental Charge--Manual Svc Order - Discon | SOMAN | NA | NA | $10.88 | NA | NA | NA | NA | NA | NA | |
| NRC - DS3 Channelization - Incremental Charge--Manual Svc Order - Discon | SOMAN | NA | NA | $0.00 | NA | NA | NA | NA | NA | NA | |
| **NRC-All Existing Combination "Switch As Is" Conversion Charge (Note 6)** | | | | | | | | | | | |
| NRC-STS-1 COMBINATION - "Switch As Is" Conversion Charge - 1st | UNCCC | $54.03 | $11.27 | $58.43 | $54.09 | $54.23 | $54.09 | $54.00 | $54.26 | $54.13 | |
| NRC-STS-1 COMBINATION - "Switch As Is" Conversion Charge - Add'l | UNCCC | $32.11 | $11.27 | $26.99 | $32.16 | $32.24 | $32.16 | $32.10 | $32.25 | $32.17 | |
| NRC- STS-1 COMBINATION - "Switch As Is" Conversion Charge - Disconnec | UNCCC | $0.00 | $13.03 | $12.61 | $0.00 | $0.00 | $0.00 | $0.00 | $0.00 | $0.00 | |
| NRC- STS-1 COMBINATION - "Switch As Is" Conversion Charge - Disconnec | UNCCC | $0.00 | $13.03 | $12.61 | $0.00 | $0.00 | $0.00 | $0.00 | $0.00 | $0.00 | |
| OR | | | | | | | | | | | |
| NRC-DS3 COMBINATION - "Switch As Is" Conversion Charge - 1st | UNCCC | $54.03 | $11.27 | $58.43 | $54.09 | $54.23 | $54.09 | $54.00 | $54.26 | $54.13 | |
| NRC-DS3 COMBINATION - "Switch As Is" Conversion Charge - Add'l | UNCCC | $32.11 | $11.27 | $26.99 | $32.16 | $32.24 | $32.16 | $32.10 | $32.25 | $32.17 | |
| NRC- DS3 COMBINATION - "Switch As Is" Conversion Charge - Disconnect - | UNCCC | $0.00 | $13.03 | $12.61 | $0.00 | $0.00 | $0.00 | $0.00 | $0.00 | $0.00 | |
| NRC- DS3 COMBINATION - "Switch As Is" Conversion Charge - Disconnect - | UNCCC | $0.00 | $13.03 | $12.61 | $0.00 | $0.00 | $0.00 | $0.00 | $0.00 | $0.00 | |
| | | | | | | | | | | | |
| **DS1 Channelization** | | | | | | | | | | | |
| DS1 Channelized System per month | MQ1 | $136.82 | $154.74 | $18.23 | $200.01 | $209.87 | $146.87 | $177.72 | $147.51 | $165.21 | |
| OCU-DP(data) interface card per month (2.4-64kbs) | 1D1DD | $1.66 | $2.22 | $1.06 | $2.94 | $3.12 | $2.86 | $2.88 | $2.34 | $2.46 | |
| VG interface card per month | 1D1VG | $0.8586 | $1.46 | $2.67 | $1.40 | $1.62 | $1.45 | $1.64 | $1.47 | $1.25 | |
| 2-wire ISDN(BRITE card) per month | UC1CA | $3.41 | $3.86 | $3.41 | $4.04 | $4.18 | $3.88 | $3.76 | $4.21 | $3.33 | |

BELLSOUTH/TCI RATES
NETWORK ELEMENTS
AND OTHER SERVICES
ENHANCED EXTENDED LINKS

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **ENHANCED EXTENDED LINKS (EELs)** | | | | | | | | | | | |
| **NRC - Ordinarily Combined in GA (Note 5)** | | | | | | | | | | | |
| NRC - DS1 Channelization - 1st | MQ1 | NA | NA | $138.85 | NA | NA | NA | NA | NA | NA |
| NRC - DS1 Channelization - Add'l | MQ1 | NA | NA | $92.34 | NA | NA | NA | NA | NA | NA |
| NRC - Channel Activation VG - 1st | 1D1VG | NA | NA | $12.15 | NA | NA | NA | NA | NA | NA |
| NRC - Channel Activation VG - Add'l | 1D1VG | NA | NA | $8.76 | NA | NA | NA | NA | NA | NA |
| NRC - Channel Activation OCU-DP- 1st | 1D1DD | NA | NA | $12.15 | NA | NA | NA | NA | NA | NA |
| NRC - Channel Activation OCU-DP- Add'l | 1D1DD | NA | NA | $8.76 | NA | NA | NA | NA | NA | NA |
| NRC - Channel Activation BRITE - 1st | UCICA | NA | NA | $12.15 | NA | NA | NA | NA | NA | NA |
| NRC - Channel Activation BRITE - Add'l | UCICA | NA | NA | $8.76 | NA | NA | NA | NA | NA | NA |
| NRC - Electronic Svc Order, per LSR | SOMEC | NA | NA | $3.50 | NA | NA | NA | NA | NA | NA |
| NRC - DS1 Channelization - Incremental Charge--Manual Svc Order - 1st | SOMAN | NA | NA | $34.00 | NA | NA | NA | NA | NA | NA |
| NRC - DS1 Channelization - Incremental Charge--Manual Svc Order - Add'l | SOMAN | NA | NA | $27.79 | NA | NA | NA | NA | NA | NA |
| NRC - DS1 Channelization - Incremental Charge--Manual Svc Order - Discon | SOMAN | NA | NA | $20.10 | NA | NA | NA | NA | NA | NA |
| NRC - DS1 Channelization - Incremental Charge--Manual Svc Order - Discon | SOMAN | NA | NA | $11.98 | NA | NA | NA | NA | NA | NA |
| **NRC-All Existing Combination "Switch As Is" Conversion Charge (Note 6)** | | | | | | | | | | |
| NRC-DS1 COMBINATION - "Switch As Is" Conversion Charge - 1st | UNCCC | $54.03 | $11.27 | $58.43 | $54.09 | $54.23 | $54.09 | $54.00 | $54.26 | $54.13 |
| NRC-DS1 COMBINATION - "Switch As Is" Conversion Charge - Add'l | UNCCC | $32.11 | $11.27 | $26.99 | $32.16 | $32.24 | $32.16 | $32.10 | $32.25 | $32.17 |
| NRC- DS1 COMBINATION - "Switch As Is" Conversion Charge - Disconnect - | UNCCC | $0.00 | $13.03 | $12.61 | $0.00 | $0.00 | $0.00 | $0.00 | $0.00 | $0.00 |
| NRC- DS1 COMBINATION - "Switch As Is" Conversion Charge - Disconnect - | UNCCC | $0.00 | $13.03 | $12.61 | $0.00 | $0.00 | $0.00 | $0.00 | $0.00 | $0.00 |
| | | | | | | | | | | |
| **Access to DCS - Customer Reconfiguration (FlexServ)** | | | | | | | | | | |
| DS1 DSC Termination with DS0 Switching | TBD | TBD | $28.72 | $22.86 | TBD | TBD | TBD | TBD | TBD | TBD |
| DS1 DSC Termination with DS1 Switching | TBD | TBD | $12.23 | $8.64 | TBD | TBD | TBD | TBD | TBD | TBD |
| DS3 DSC Termination with DS1 Switching | TBD | TBD | $154.31 | $151.85 | TBD | TBD | TBD | TBD | TBD | TBD |
| **NRC - Ordinarily Combined in GA:** | | | | | | | | | | |
| NRC - Customer Configuration Establishment | TBD | TBD | $2.97 | $2.91 | TBD | TBD | TBD | TBD | TBD | TBD |
| NRC - Customer Configuration Establishment - Disconnect | TBD | TBD | $3.44 | $3.36 | TBD | TBD | TBD | TBD | TBD | TBD |
| NRC- DS1 DSC Termination with DS0 Switching - 1st | TBD | TBD | $51.50 | $32.07 | TBD | TBD | TBD | TBD | TBD | TBD |
| NRC- DS1 DSC Termination with DS0 Switching - Add'l | TBD | TBD | $39.64 | $31.49 | TBD | TBD | TBD | TBD | TBD | TBD |
| NRC- DS1 DSC Termination with DS0 Switching - Disconnect - 1st | TBD | TBD | $31.06 | $20.16 | TBD | TBD | TBD | TBD | TBD | TBD |
| NRC- DS1 DSC Termination with DS0 Switching - Disconnect - Add'l | TBD | TBD | $24.98 | $20.16 | TBD | TBD | TBD | TBD | TBD | TBD |
| NRC- DS1 DSC Termination with NRC- DS1 Switching - 1st | TBD | TBD | $37.23 | $18.07 | TBD | TBD | TBD | TBD | TBD | TBD |
| NRC- DS1 DSC Termination with NRC- DS1 Switching - Add'l | TBD | TBD | $25.36 | $17.49 | TBD | TBD | TBD | TBD | TBD | TBD |
| NRC- DS1 DSC Termination with NRC- DS1 Switching - Disconnect - 1st | TBD | TBD | $22.81 | $12.10 | TBD | TBD | TBD | TBD | TBD | TBD |
| NRC- DS1 DSC Termination with NRC- DS1 Switching - Disconnect - Add'l | TBD | TBD | $16.73 | $12.10 | TBD | TBD | TBD | TBD | TBD | TBD |
| NRC- DS3 DSC Termination with DS1 Switching - 1st | TBD | TBD | $51.50 | $32.07 | TBD | TBD | TBD | TBD | TBD | TBD |
| NRC- DS3 DSC Termination with DS1 Switching - Add'l | TBD | TBD | $39.64 | $31.49 | TBD | TBD | TBD | TBD | TBD | TBD |
| NRC- DS3 DSC Termination with DS1 Switching - Disconnect - 1st | TBD | TBD | $31.06 | $20.16 | TBD | TBD | TBD | TBD | TBD | TBD |
| NRC- DS3 DSC Termination with DS1 Switching - Disconnect - Add'l | TBD | TBD | $24.98 | $20.16 | TBD | TBD | TBD | TBD | TBD | TBD |
| **NRC-All Existing Combination "Switch As Is" Conversion Charge (Note 6)** | | | | | | | | | | |
| NRC-DS1 COMBINATION - "Switch As Is" Conversion Charge - 1st | UNCCC | $54.03 | $11.27 | $58.43 | $54.09 | $54.23 | $54.09 | $54.00 | $54.26 | $54.13 |
| NRC-DS1 COMBINATION - "Switch As Is" Conversion Charge - Add'l | UNCCC | $32.11 | $11.27 | $26.99 | $32.16 | $32.24 | $32.16 | $32.10 | $32.25 | $32.17 |
| NRC- DS1 COMBINATION - "Switch As Is" Conversion Charge - Disconnect - | UNCCC | $0.00 | $13.03 | $12.61 | $0.00 | $0.00 | $0.00 | $0.00 | $0.00 | $0.00 |
| NRC- DS1 COMBINATION - "Switch As Is" Conversion Charge - Disconnect - | UNCCC | $0.00 | $13.03 | $12.61 | $0.00 | $0.00 | $0.00 | $0.00 | $0.00 | $0.00 |
| | | | | | | | | | | |
| | | | | | | | | | | |
| **Notes** | | | | | | | | | | |
| 1 Deaveraged Rates will be effective May 1, 2000 | | | | | | | | | | |
| 2 New EELs will only be available in the State of Georgia and in density Zone 1 of the following MSAs in the BellSouth Region: | | | | | | | | | | |

BELLSOUTH/TCI RATES
NETWORK ELEMENTS
AND OTHER SERVICES
ENHANCED EXTENDED LINKS

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | **ENHANCED EXTENDED LINKS (EELs)** | | | | | | | | | | | |
| | | Florida - Miami, Orlando, Ft. Lauderdale | | | | | | | | | | | |
| | | Louisiana - New Orleans | | | | | | | | | | | |
| | | N. Carolina - Greensboro, Charlotte | | | | | | | | | | | |
| | | Tennessee - Nashville | | | | | | | | | | | |
| | 3 | Unapproved rates are subject to true up. | | | | | | | | | | | |
| | 4 | Add together the recurring rates of all the applicable network elements in order to obtain total monthly recurring rate. | | | | | | | | | | | |
| | | * Examples: | | | | | | | | | | | |
| | | - 2-wire VG Loop + Voice Grade Interface Card + DS1 Channelization System + DS1 Interoffice Channel | | | | | | | | | | | |
| | | - DS1 Loop + DS1 Interface Card + DS3 Channelization System + DS3 Interoffice Channel | | | | | | | | | | | |
| | | - DS3 Local Channel + DS3 Interoffice Channel + DS3 Channelization System + DS1 Interface Card | | | | | | | | | | | |
| | 5 | The Ordinarily Combined in GA NRC applies to new combinations within the State of Georgia. | | | | | | | | | | | |
| | 6 | The "Switch As Is" NRC is a conversion charge. One SAI charge is applicable per circuit. | | | | | | | | | | | |
| | | | | | | | | | | | | | |

| DESCRIPTION | USOC | AL | FL | GA | KY | LA | MS | NC | SC | TN |
|---|---|---|---|---|---|---|---|---|---|---|
| **Operational Support Systems** | | | | | | | | | | |
| Recovery of incremental OSS costs, per CLP, per month | TBD | NA | NA | NA | NA | NA | NA | $305.00 | NA | NA |
| RC - OSS OLEC Daily Usage File: Recording, Per Message | TBD | $0.0002 | $0.008 | $0.0001275 | $0.0008611 | $0.00019 | $0.0001179 | $0.0003 | $0.0002862 | $0.008 |
| RC- OSS OLEC Daily Usage File: Message Processing, Per Message | TBD | $0.0033 | $0.004 | $0.0062548 | $0.0032357 | $0.0024 | $0.0032089 | $0.0032 | $0.0032344 | $0.004 |
| RC - OSS OLEC Daily Usage File: Message Distribution, Per Magnetic Tape | TBD | $55.19 | $54.95 | $28.25 | $55.68 | $47.3000 | $54.62 | $54.61 | $54.72 | $54.95 |
| RC - OSS OLEC Daily Usage File: Data Transmission (CONNECT:DIRECT), Per | TBD | $0.00004 | $0.001 | $0.0000434 | $0.0000365 | $0.0000300 | $0.0000354 | $0.00004 | $0.0000357 | $0.001 |
| **Access Daily Usage File (ADUF)** | | | | | | | | | | |
| RC - ADUF, Message Processing, per message | TBD | $0.004 | $0.004 | $0.0136327 | $0.004 | $0.004 | $0.004 | $0.004 | $0.004 | $0.004 |
| RC - ADUF, Message Distribution, per Magnetice Tape provisioned | TBD | $54.95 | $54.95 | $28.85 | $54.95 | $54.95 | $54.95 | $54.95 | $54.95 | $54.95 |
| RC - ADUF, Data Transmision (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 | 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 Transmision (CONNECT:DIRECT), per | 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)** | | | TBD | | | | | | | |
| **8XX Access Ten Digit Screening (all types), per call (Note 2)** | N/A | $0.0005 | NA | $0.0004868 | NA | $0.0005305 | $0.0005321 | $0.00050 | $0.0005227 | NA |
| **8XX Access Ten Digit Screening Svc. W/8XX No. Delivery** | | | | | | | | | | |
| per query | N/A | NA | NA | NA | $0.0010 | NA | NA | $0.00365 | NA | $0.004 |
| for 8XX Numbers, with Optional Complex Features, per query | N/A | NA | NA | NA | $0.0011 | NA | NA | $0.00431 | NA | $0.004 |
| **8XX Access Ten Digit Screening Svc. W/POTS No. Delivery** | | | | | | | | | | |
| per query | N/A | NA | NA | NA | $0.0010 | NA | NA | $0.00383 | NA | $0.004 |
| with Optional Complex Features, per query | N/A | NA | NA | NA | $0.0011 | NA | NA | $0.00431 | NA | $0.004 |
| **8XX Access Ten 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 | $7.05 | $6.38 | $30.00 |
| NRC - Add'l | N8R1X | $0.97 | NA | $0.76 | $1.19 | $0.73 | $0.96 | $0.96 | $0.9583 | $0.50 |
| NRC - Incremental Charge - Manual Service Order - 1st | SOMAN | $27.37 | NA | $18.94 | NA | $18.14 | $25.52 | $26.94 | $27.84 | NA |
| NRC - Incremental Charge - Manual Service Order - Add'l | SOMAN | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| **Per 8XX # Established w/o POTS (w/8XX No.) Translations** | | | | | | | | | | |
| NRC - 1st | N/A | $15.88 | NA | $12.81 | $30.59 | $12.27 | $17.04 | $23.82 | $22.63 | $67.50 |
| NRC - Add'l | N/A | $1.97 | NA | $1.45 | $3.22 | $1.39 | $1.93 | $2.73 | $2.73 | $1.50 |
| NRC - Disconnect Charge - 1st | N/A | $10.04 | NA | NA | NA | $8.30 | $11.32 | NA | $42.95 | NA |
| NRC - Disconnect Charge - Add'l | N/A | $0.97 | NA | NA | NA | $0.73 | $0.96 | NA | NA | NA |
| NRC - Incremental Charge - Manual Service Order - 1st | SOMAN | $27.37 | NA | $18.94 | NA | $18.14 | $25.52 | $41.35 | NA | NA |
| NRC - Incremental Charge - Manual Service Order - Add'l | SOMAN | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| NRC - Incremental Charge - Manual Service Order - Disconnect | SOMAN | $17.75 | NA | NA | NA | $11.40 | $16.05 | NA | NA | NA |
| **Per 8XX # Established with POTS Translations** | | | | | | | | | | |
| NRC - 1st | N8FTX | $15.88 | NA | $12.81 | $30.59 | $12.27 | $17.04 | $23.82 | $22.63 | $67.50 |
| NRC - Add'l | N8FTX | $1.97 | NA | $1.45 | $3.22 | $1.39 | $1.93 | $2.73 | $2.73 | $1.50 |
| NRC - Disconnect Charge - 1st | N8FTX | $10.04 | NA | NA | NA | $8.30 | $11.32 | NA | $42.95 | NA |
| NRC - Disconnect Charge - Add'l | N8FTX | $0.97 | NA | NA | NA | $0.73 | $0.96 | NA | NA | NA |
| NRC - Incremental Charge - Manual Service Order - 1st | SOMAN | $27.37 | NA | $18.94 | NA | $18.14 | $25.52 | $41.35 | NA | NA |
| NRC - Incremental Charge - Manual Service Order - Add'l | SOMAN | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| NRC - Incremental Charge - Manual Service Order - Disconnect | SOMAN | $17.75 | NA | NA | NA | $11.40 | $16.05 | NA | NA | NA |
| **Customized Area of Service per 8XX Number** | | | | | | | | | | |
| NRC - 1st | N8FCX | $5.69 | NA | $4.46 | $6.97 | $4.27 | $5.63 | $5.63 | $5.64 | $3.00 |
| NRC - Add'l | N8FCX | $2.85 | NA | $2.23 | $3.49 | $2.14 | $2.81 | $2.82 | $2.82 | $1.50 |
| NRC - Incremental Charge - Manual Service Order - 1st | SOMAN | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| NRC - Incremental Charge - Manual Service Order - Add'l | SOMAN | NA | NA | NA | NA | NA | NA | NA | NA | NA |

| DESCRIPTION | USOC | AL | FL | GA | KY | LA | MS | NC | SC | TN |
|---|---|---|---|---|---|---|---|---|---|---|
| **Multiple Inter LATA Carrier Routing per Carrier Requested per 8XX #** | | | | | | | | | | |
| NRC - 1st | N8FMX | $6.66 | NA | $5.22 | $8.16 | $5.00 | $6.59 | $6.59 | $6.60 | $3.50 |
| NRC - Add'l | N8FMX | $3.81 | NA | $2.99 | $4.67 | $2.86 | $3.77 | $3.77 | $3.78 | $2.00 |
| NRC - Incremental Charge - Manual Service Order - 1st | SOMAN | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| NRC - Incremental Charge - Manual Service Order - Add'l | SOMAN | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| **Change Charge per request** | | | | | | | | | | |
| NRC - 1st | N8FAX | $8.10 | NA | $7.33 | $11.24 | $7.01 | $9.42 | $8.01 | $7.34 | $48.50 |
| NRC - Add'l | N8FAX | $0.97 | NA | $0.76 | $1.19 | $0.73 | $0.96 | $0.96 | $0.9583 | $0.50 |
| NRC - Incremental Charge - Manual Service Order - 1st | SOMAN | $27.37 | NA | $18.94 | NA | $18.14 | $25.52 | $26.94 | $27.84 | NA |
| NRC - Incremental Charge - Manual Service Order - Add'l | SOMAN | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| **Call Handling and Destination Features** | | | | | | | | | | |
| NRC - 1st | N8FDX | $5.69 | NA | $4.72 | $6.97 | $4.27 | $5.63 | $5.63 | $5.64 | $3.00 |
| NRC - Add'l | N8FDX | NA | NA | $4.46 | $6.97 | $4.27 | $5.63 | NA | $5.64 | $3.00 |
| | | | | | | | | | | |
| **LINE INFORMATION DATABASE ACCESS (LIDB)** | | | | | | | | | | |
| **LIDB Common Transport per query** | OQT | $0.00004 | $0.0003 | $0.0000338 | $0.00006 | $0.0000418 | $0.0000446 | $0.0003 | $0.0000442 | $0.0003 |
| **LIDB Validation per query** | OQU | $0.041003 | $0.041003 | $0.0105974 | $0.00938 | $0.0103774 | $0.0142132 | $0.013400 | $0.0141003 | $0.041003 |
| **LIDB Originating Point Code Establishment or Change - NRC** | N/A | $64.36 | NA | $50.30 | $107.60 | $48.17 | $63.63 | $91.00 | $61.62 | NA |
| NRC - Incremental Charge - Electronic Service Order | TBD | NA | NA | NA | NA | NA | NA | $62.26 | NA | NA |
| NRC - Incremental Charge - Manual Service Order - 1st | SOMAN | $25.93 | NA | $18.94 | NA | $18.14 | $25.52 | $26.94 | $27.84 | $91.00 |
| NRC - Incremental Charge - Manual Service Order - Add'l | SOMAN | NA | NA | NA | NA | NA | NA | NA | $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 | Not available |
| 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 | $132.88 | $156.33 | $355.00 |
| **CCS7 Signaling Usage, per ISUP message** | | $0.00004 | $0.00001 | $0.0000354 | $0.000037893 | $0.0000430 | $0.0000456 | $0.00004 | $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 | $0.00009 | $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 | $338.98 | $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 | $1.20 | $1.21 | NA |
| Call Completion Access Termination Charge per call attempt | N/A | $0.08 | NA | NA | NA | NA | NA | NA | $0.08 | NA |
| **Operator Provided Call Handling per min - Using Foreign LIDB** | N/A | $1.25 | $1.00 | $1.02 | $1.6249 | $0.96 | $1.24 | $1.24 | $1.25 | NA |
| Call Completion Access Termination Charge per call attempt | N/A | $0.08 | NA | NA | NA | NA | NA | NA | $0.08 | NA |
| **Operator Provided Call Handling, per call** | N/A | 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 | $0.11 | $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 | $0.12 | $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 |

| DESCRIPTION | USOC | AL | FL | GA | KY | LA | MS | NC | SC | TN |
|---|---|---|---|---|---|---|---|---|---|---|
| Recording Charge per Branded Announcement – Disconnect – Subsequent | N/A | $9.61 | NA | NA | NA | NA | NA | NA | NA | NA |
| | | | | | | | | | | |
| INWARD OPERATOR SERVICES | | | | | | | | | | |
| Verification, per minute | N/A | $1.16 | NA | $0.921083 | NA | $0.86 | $1.14 | $1.15 | $1.15 | NA |
| Verification and Emergency Interrupt, per minute | N/A | $1.16 | NA | $0.921083 | NA | $0.86 | $1.14 | $1.15 | $1.15 | NA |
| Verification, per call | 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 | $0.10 | $0.10 | $0.10 | $0.10 | $0.10 | $0.10 | $0.062 | $0.10 | $0.10 |
| 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 | $0.0110 | $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 | | $0.275 | $0.275 | $0.275 | $0.275 | $0.275 | $0.275 | $0.260000 | $0.275 | $0.275 |
| 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 | NA | $225.00 | $225.00 |
| EBAS or 0- automation loading, per NAV shelf | | $270.00 | $270.00 | $270.00 | $270.00 | $270.00 | $270.00 | NA | $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 | $35.68 | $37.20 | $133.81 |
| NRC - 1st | N/A | $503.57 | $242.45 | $356.15 | $637.46 | $339.69 | $494.83 | $534.48 | $534.81 | $868.97 |
| NRC - Add'l | N/A | $442.84 | $226.44 | $312.89 | $546.94 | $298.29 | $435.28 | $462.69 | $462.81 | $486.83 |
| NRC - Disconnect Charge - 1st | N/A | $46.28 | NA | NA | NA | $33.02 | $46.85 | 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 - 1st | SOMAN | $61.99 | NA | $44.22 | NA | $42.34 | $59.58 | $86.15 | $87.99 | NA |
| NRC - Incremental Charge-Manual Svc Order - NRC -addl | TBD | NA | NA | NA | NA | NA | NA | $1.77 | NA | NA |
| NRC - Incremental Charge-Manual Svc Order - NRC-Disconnect | SOMAN | $29.27 | NA | NA | NA | $19.48 | $27.41 | NA | $3.11 | NA |
| Directory Transport - Dedicated DS1 Level Interoffice per mile per mo | N/A | $0.6923 | $0.6013 | $0.4523 | $0.45 | $0.78 | $0.6598 | $0.5753 | $0.7598 | $23.00 |
| Directory Transport - Dedicated DS1 Level Interoffice per facility termination per mo | N/A | $79.69 | $99.79 | $78.47 | $55.05 | $93.40 | $74.40 | $71.29 | $94.98 | $90.00 |
| NRC - 1st | N/A | $198.15 | $45.91 | $147.07 | $298.18 | $140.49 | $196.28 | $217.17 | $216.27 | $100.49 |
| NRC - Add'l | N/A | $148.18 | $44.18 | $111.75 | $231.18 | $106.69 | $147.31 | $163.75 | $162.70 | $100.49 |
| NRC - Disconnect Charge - 1st | N/A | $25.44 | NA | NA | NA | $20.00 | $26.56 | NA | NA | NA |
| NRC - Disconnect Charge - Add'l | N/A | $20.42 | NA | NA | NA | $16.34 | $21.61 | NA | NA | NA |
| NRC - Incremental Charge - Manual Service Order - 1st | SOMAN | $27.37 | NA | $18.94 | NA | $18.14 | $25.52 | $38.07 | $39.63 | NA |
| NRC - Incremental Charge - Manual Service Order - Add'l | SOMAN | $27.37 | NA | NA | NA | $18.14 | $25.52 | $38.07 | $39.63 | NA |
| NRC - Incremental Charge - Manual Service Order - Disconnect - 1st | SOMAN | $12.97 | NA | NA | NA | $8.06 | $11.34 | NA | NA | NA |
| NRC - Incremental Charge - Manual Service Order - Disconnect - Add'l | SOMAN | $12.97 | NA | NA | NA | $8.06 | $11.34 | NA | NA | NA |
| Switched Common Transport per DA Access Service per call | N/A | $0.0003 | $0.0003 | $0.0002906 | $0.000175 | $0.0003274 | $0.0002997 | $0.00020 | $0.000327 | NA |
| Switched Common Transport per DA Access Service per call per mile | N/A | $0.00003 | $0.00001 | $0.0000186 | $0.000004 | $0.0000175 | $0.0000202 | $0.00003 | $0.0000303 | NA |
| Access Tandem Switching per DA Access Service per call | N/A | $0.0023 | $0.00055 | $0.0019152 | $0.000783 | $0.0025257 | $0.0023713 | $0.0021 | $0.0024809 | NA |
| DA Interconnection, per DA Access Service Call | N/A | $0.00269 | NA | $0.00269 | NA | NA | NA | $0.00 | $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 | NA | $407.81 | NA |
| NRC - Add'l | N/A | $5.95 | $4.71 | $4.42 | $13.32 | $4.23 | $5.85 | NA | $11.00 | NA |
| NRC - Disconnect Charge - 1st | N/A | $173.46 | NA | NA | NA | NA | NA | NA | NA | NA |
| NRC - Disconnect Charge - Add'l | N/A | $5.95 | NA | NA | NA | NA | NA | NA | NA | NA |
| NRC - Incremental Charge - Manual Service Order - 1st | SOMAN | NA | NA | $44.22 | NA | $130.05 | $171.49 | NA | NA | NA |
| NRC - Incremental Charge - Manual Service Order - Add'l | SOMAN | NA | NA | NA | NA | $4.23 | $5.85 | NA | NA | NA |
| NRC - Manual Service Order - 1st | TBD | NA | NA | NA | NA | NA | NA | $407.53 | NA | NA |
| NRC - Manual Service Order - Add'l | TBD | NA | NA | NA | NA | NA | NA | $10.98 | NA | NA |
| | | | | | | | | | | |
| Directory Assistance Database Service (DADS) | | | | | | | | | | |

| DESCRIPTION | USOC | AL | FL | GA | KY | LA | MS | NC | SC | TN |
|---|---|---|---|---|---|---|---|---|---|---|
| **Directory Assistance Database Service charge per listing** | N/A | $0.0446 | $0.001 | $0.0445 | $0.0193 | $0.0443 | $0.0447 | $0.04460 | $0.0444 | NA |
| **Directory Assistance Database Service, per month** | DBSOF | $128.55 | $100.00 | $95.50 | $120.76 | $90.54 | $126.17 | $126.26 | $127.23 | NA |
| **Direct Access to Directory Assistance Service (DADAS)** | | | | | | | | | | |
| **Direct Access to Directory Assistance Service, per month** | DBSDS | $7,055.00 | $5,000.00 | $5,254.00 | $7,235.01 | $4,982.00 | $6,926.00 | $6,930.00 | $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 | $0.0456 | $0.0468212 | NA |
| **Direct Access to Directory Assistance Service, svc estab charge** | DBSDE | | | | | | | | | |
| NRC | DBSDE | $1,118.00 | $820.00 | $788.24 | $1,186.94 | $786.82 | $1,097.00 | $1,164.00 | $1,173.00 | NA |
| NRC - Disconnect | DBSDE | $81.83 | NA | NA | NA | NA | NA | NA | NA | NA |
| NRC - Incremental Charge Manual Service Order - 1st | SOMAN | NA | NA | NA | NA | $57.23 | $80.52 | NA | NA | NA |
| **AIN (Note 4)** | | | | | | | | | | TBD |
| **AIN, per message** | CAM | NA | $0.00004 | 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 | $294.77 | $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 | $86.94 | $87.29 | NA |
| NRC - Disconnect | CAMDP | $27.04 | NA | NA | NA | $18.61 | $37.70 | NA | NA | NA |
| Port Connection - ISDN Access | | | | | | | | | | |
| NRC | CAM1P | $64.05 | NA | $29.66 | NA | $50.07 | $53.47 | $86.94 | $87.29 | NA |
| NRC - Disconnect | CAM1P | $27.04 | NA | NA | NA | $18.61 | $37.70 | NA | NA | NA |
| User ID Codes - per User ID Code | | | | | | | | | | |
| NRC | CAMAU | $141.84 | NA | $84.43 | NA | $104.95 | $129.83 | $200.83 | $202.08 | NA |
| NRC - Disconnect | CAMAU | $70.05 | NA | NA | NA | $48.95 | $79.91 | NA | NA | NA |
| Security Card per User ID Code, initial or replacement | | | | | | | | | | |
| NRC | CAMRC | $142.13 | NA | $35.44 | NA | $125.33 | $131.54 | $172.05 | $172.26 | NA |
| NRC - Disconnect | CAMRC | $35.26 | NA | NA | NA | $24.40 | $45.77 | NA | NA | NA |
| Storage, per unit (100Kb) | N/A | $0.0026 | NA | $0.0023 | NA | $0.0029 | $0.0029 | $0.0023 | $0.0028 | NA |
| Session per minute | N/A | $0.0892 | NA | $0.0795604 | NA | $0.10 | $0.0975650 | $0.0791 | $0.0942966 | NA |
| C0. Performed Session, per minute | | | | | NA | $1.97 | $2.09 | $2.08 | $2.07 | NA |
| **AIN - BellSouth AIN Toolkit Service** | | | | | | | | | | |
| **AIN, Service Creation Tools** | CAMBP | NA | TBD | NA | NA | NA | NA | NA | NA | NA |
| Service Establishment Charge, per state, initial set-up | | | | | | | | | | |
| NRC | BAPSC | $192.69 | NA | $86.74 | NA | $153.25 | $169.31 | $290.05 | $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 | $8,363.00 | $8,333.00 | NA |
| NRC - Disconnect | BAPVX | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Trigger Access Charge, per trigger, per DN, Term. Attempt | | | | | | | | | | |
| NRC | BAPTT | $49.64 | NA | $19.13 | NA | $41.08 | $39.30 | $72.76 | $73.02 | NA |
| NRC - Disconnect | BAPTT | $27.04 | NA | NA | NA | $18.60 | $37.70 | NA | NA | NA |
| Trigger Access Charge, per trigger per DN, Off-Hook Delay | | | | | | | | | | |
| NRC | BAPTD | $49.64 | NA | $114.80 | NA | $41.08 | $39.30 | $72.76 | $73.02 | NA |
| NRC - Disconnect | BAPTD | $27.04 | NA | NA | NA | $18.60 | $37.70 | NA | NA | NA |
| Trigger Access Charge, per trigger, per DN, Off-Hook Immediate | | | | | | | | | | |
| NRC | BAPTM | $49.64 | NA | $19.13 | NA | $41.08 | $39.30 | $72.76 | $73.02 | NA |
| NRC - Disconnect | BAPTM | $27.04 | NA | NA | NA | $18.60 | $37.70 | NA | NA | NA |
| Trigger Access Charge, per trigger, per DN, 10-Digit PODP | | | | | | | | | | |
| NRC | BAPTO | $117.98 | NA | $70.06 | NA | $92.99 | $106.90 | $149.95 | $150.25 | NA |
| NRC - Disconnect | BAPTO | $37.90 | NA | NA | NA | $26.73 | $48.44 | NA | NA | NA |
| Trigger Access Charge, per trigger, per DN, CDP | | | | | | | | | | |
| NRC | BAPTC | $117.98 | NA | $70.06 | NA | $92.99 | $106.90 | $149.95 | $150.25 | NA |
| NRC - Disconnect | BAPTC | $37.90 | NA | NA | NA | $26.73 | $48.44 | NA | NA | NA |

| DESCRIPTION | USOC | AL | FL | GA | KY | LA | MS | NC | SC | TN |
|---|---|---|---|---|---|---|---|---|---|---|
| Trigger Access Charge, per trigger, per DN, Feature Code | | | | | | | | | | |
| NRC | BAPTF | $117.98 | NA | $70.06 | NA | $92.99 | $106.90 | $149.95 | $150.25 | NA |
| NRC - Disconnect | BAPTF | $37.90 | NA | NA | NA | $26.73 | $48.44 | NA | NA | NA |
| Query Charge, per query | | $0.024 | NA | $0.0209223 | NA | $0.03 | $0.0256138 | $0.02 | $0.0250662 | NA |
| Type 1 Node Charge, per AIN Toolkit Subscription, per node, per query | | $0.006 | NA | $0.0053137 | NA | $0.0065 | $0.0065161 | $0.005 | $0.0062979 | NA |
| | | | | | | | | | | |
| **SCP Storage Charge, per SMS Access Acct, per 100 Kb** | N/A | $1.63 | NA | $1.46 | NA | $1.79 | $1.79 | $1.45 | $1.73 | NA |
| **Monthly Report - per AIN Toolkit Service Subscription** | BAPMS | $16.00 | NA | $15.96 | NA | $15.89 | $16.01 | $15.98 | $15.93 | NA |
| NRC | BAPMS | $44.56 | NA | $22.64 | NA | $34.61 | $44.02 | $71.80 | $72.15 | NA |
| NRC - Disconnect | BAPMS | $31.84 | NA | NA | NA | $21.97 | $31.28 | NA | NA | NA |
| **Special Study - per AIN Toolkit Service Subscription** | BAPLS | $0.10 | NA | $0.0861109 | NA | $0.08 | $0.0810536 | $0.08 | $0.0872769 | NA |
| NRC | BAPLS | $47.74 | NA | $22.64 | NA | $37.77 | $47.21 | $47.20 | $47.35 | NA |
| NRC - Disconnect | BAPLS | $15.90 | NA | NA | NA | NA | NA | NA | NA | NA |
| **Call Event Report - per AIN Toolkit Service Subscription** | BAPDS | $15.90 | NA | $15.87 | NA | $15.81 | $15.93 | $15.90 | $15.84 | NA |
| NRC | BAPDS | $44.56 | NA | $22.64 | NA | $34.61 | $44.02 | $71.80 | $72.15 | NA |
| NRC - Disconnect | BAPDS | $31.84 | NA | NA | NA | $21.97 | $31.28 | NA | NA | NA |
| **Call Event special Study - per AIN Toolkit Service Subscription** | BAPES | $0.003 | NA | $0.0028704 | NA | $0.0026 | $0.0027018 | $0.003 | $0.0029092 | NA |
| NRC | BAPES | $47.74 | NA | $22.64 | NA | $37.77 | $47.21 | $47.20 | $47.35 | NA |
| NRC - Disconnect | BAPES | $15.90 | NA | NA | NA | $37.77 | NA | NA | NA | NA |
| | | | | | | | | | | |
| **CALLING NAME (CNAM) QUERY SERVICE** | | | | | | | | | | |
| **CNAM (Database Owner), Per Query** | 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 |
| NRC, applicable when CLEC-1 uses the Character Based User Interface (CHUI) | 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 | $10.00 (Interim | NA | NA | NA | NA | TBD |
| NRC | | NA | NA | NA | NA | NA | NA | NA | NA | TBD |
| **Customized routing per unique line class code, per request, per switch** | | | | | | 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** | | | | | | | | | | |
| NRC - Virtual Collocation - Application Cost - Manual | TBD | NA | NA | NA | NA | NA | NA | $3,622.00 | NA | NA |
| NRC - Virtual Collocation - Cable Installation Cost per Cable - Manual | TBD | NA | NA | NA | NA | NA | NA | $2,305.00 | NA | NA |
| RC - Virtual Collocation - Floor space per square feet | TBD | NA | NA | NA | NA | NA | NA | $3.45 | NA | NA |
| RC - Virtual Collocation - Floor space power, per ampere | TBD | NA | NA | NA | NA | NA | NA | $6.65 | NA | NA |
| RC - Virtual Collocation - Cable support structure, per entrance cable | TBD | NA | NA | NA | NA | NA | NA | $18.66 | NA | NA |
| **2-wire Cross-Connect** | | | | | | | | | | |
| RC | UEAC2 | $0.28 | $0.524 | $0.30 | $0.31 | $0.26 | $0.3996 | $0.09 | $0.3648 | $0.30 |
| NRC - 1st | UEAC2 | $30.76 | $11.57 | $12.60 | $54.21 | $23.04 | $30.93 | $41.78 | $41.50 | $19.20 |
| NRC - Add'l | UEAC2 | $29.40 | $11.57 | $12.60 | $51.07 | $22.11 | $29.59 | $39.23 | $38.94 | $19.20 |
| NRC - 1st - Manual Service Order | TBD | NA | NA | NA | NA | NA | NA | $4.75 | NA | NA |
| NRC - Add'l - Manual Service Order | TBD | NA | NA | NA | NA | NA | NA | $4.75 | NA | NA |
| NRC - Disconnect - 1st | UEAC2 | $12.75 | NA | NA | NA | $9.48 | $12.76 | NA | NA | NA |
| NRC - Disconnect - Add'l | UEAC2 | $11.38 | NA | NA | NA | $8.54 | $11.43 | NA | NA | NA |
| **4-wire Cross-Connect** | | | | | | | | | | |
| RC | UEAC4 | $0.56 | $0.524 | $0.50 | $0.62 | $0.52 | $0.7992 | $0.18 | $0.7297 | $0.50 |
| NRC - 1st | UEAC4 | $66.71 | $11.57 | $12.60 | $54.23 | $23.23 | $31.17 | $41.91 | $41.56 | $19.20 |
| NRC - Add'l | UEAC4 | $50.43 | $11.57 | $12.60 | $50.96 | $22.24 | $29.77 | $39.25 | $38.90 | $19.20 |
| NRC - 1st - Manual Service Order | TBD | NA | NA | NA | NA | NA | NA | $4.73 | NA | NA |
| NRC - Add'l - Manual Service Order | TBD | NA | NA | NA | NA | NA | NA | $4.73 | NA | NA |
| NRC - Disconnect - 1st | UEAC4 | $12.82 | NA | NA | NA | $9.53 | $12.83 | NA | NA | NA |
| NRC - Disconnect - Add'l | UEAC4 | $11.39 | NA | NA | NA | $8.55 | $11.43 | NA | NA | NA |
| **2-fiber Cross-Connect** | | | | | | | | | | |

| DESCRIPTION | USOC | AL | FL | GA | KY | LA | MS | NC | SC | TN |
|---|---|---|---|---|---|---|---|---|---|---|
| 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 |
| **DS1 Cross-Connects** | | | | | | | | | | |
| RC | TBD | NA | NA | NA | NA | NA | NA | $0.97 | NA | NA |
| NRC - 1st | TBD | NA | NA | NA | NA | NA | NA | $71.02 | NA | NA |
| NRC - Add'l | TBD | NA | NA | NA | NA | NA | NA | $51.08 | NA | NA |
| NRC - Manual Service Order - 1st | TBD | NA | NA | NA | NA | NA | NA | $4.70 | NA | NA |
| NRC - Manual Service Order - Add'l | TBD | NA | NA | NA | NA | NA | NA | $4.70 | NA | NA |
| **DS3 Cross-Connects** | | | | | | | | | | |
| RC | TBD | NA | NA | NA | NA | NA | NA | $12.33 | NA | NA |
| NRC - 1st | TBD | NA | NA | NA | NA | NA | NA | $69.84 | NA | NA |
| NRC - Add'l | TBD | NA | NA | NA | NA | NA | NA | $49.43 | NA | NA |
| NRC - Manual Service Order - 1st | TBD | NA | NA | NA | NA | NA | NA | $4.70 | NA | NA |
| NRC - Manual Service Order - Add'l | TBD | NA | NA | NA | NA | NA | NA | $4.70 | NA | NA |

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

| | |
|---|---|
| 1 | BellSouth and CLEC shall negotiate rates for this offering. If agreement is not reached within sixty (60) days of the Effective Date, either party may petition the Florida PSC to settle the disputed charge or charges. (FL) |
| 2 | This rate element is for those states w/o separate rates for 800 calls with 800 No. Delivery vs. POTS No. Delivery and calls with Optional Complex Features vs. w/o Optional Complex Features. |
| 3 | This charge is only applicable where signaling usage measurement or billing capability does not exist. |
| 4 | Prices for AIN to be determined upon development of mediation device. (TN) |
| 5 | Price for Line Class Codes for Selective Routing shall be determined by the TRA. (TN) |

# Attachment 3

# Local Interconnection

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## Local Interconnection: Call Transport and Termination

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**

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 TCI must establish, at a minimum, a single Point of Presence, Interface, and Interconnection with BellSouth within the LATA for the delivery of TCI originated local, intraLATA toll and transit traffic. If TCI chooses to interconnect at a single Point of Interconnection within a LATA, the interconnection must be at a BellSouth Access Tandem. Furthermore, TCI must establish Points of Interconnection at all BellSouth access and local tandems where TCI NXXs are "homed." A "Homing" arrangement is defined by a "Final" Trunk Group between the BellSouth Tandem and TCI End Office switch. A "Final" Trunk Group is the last choice telecommunications path between the Tandem and End Office switch. It is TCI'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 TCI to home its NPA/NXX(s) on a BellSouth Tandem, TCI'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 TCI'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 TCI can verify and maintain specific performance objectives.
3. It is specified according to the interface offered in the applicable 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. TCI'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 shall not be used to interconnect for the exchange of Switched Access Traffic or intraLATA toll.

1.6 TCI, 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. BellSouth shall designate the Points of Presence and Points of Interface for the delivery of traffic originated by BellSouth to TCI for call transport and termination by TCI.

1.7 The Parties shall institute a bill and keep compensation plan under which neither Party will charge the other Party recurring and nonrecurring charges associated with trunks and facilities for the exchange of traffic other than Transit Traffic. Both Parties, as appropriate, shall be compensated for the ordering of trunks and facilities transporting Transit Traffic.

1.8 **Interconnection via Purchase of Facilities**

1.8.1 Either Party may purchase Local Channel facilities from the Party's specified Point of Interface to its designated 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 Party's intrastate or interstate tariff for switched access services as filed and effective with the appropriate Commission.

Additionally, either Party may purchase Dedicated 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 Party's intrastate or interstate tariff for switched access services as filed and effective with the appropriate Commission.

1.8.2 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.

1.8.3 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.

1.8.4 For the purposes of this Attachment, Dedicated 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 BellSouth **Multiple Tandem Access (MTA)** provides for LATA wide BellSouth transport and termination of TCI-originated local and intraLATA toll traffic transported by BellSouth by establishing a Point of Interconnection at a BellSouth access tandem with routing through multiple BellSouth access tandems as required. However, TCI must still establish Points of Interconnection at all BellSouth access tandems where TCI NXXs are "homed". If TCI 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, TCI 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 TCI does not have a Point of Interconnection. MTA shall be provisioned in accordance with BellSouth's reasonable and nondiscriminatory Ordering Guidelines.

1.9.1 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 TCI's NXX Access Tandem homing arrangement as specified by TCI in the national Local Exchange Routing Guide (LERG).

1.9.2 For TCI -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.

1.9.3 With MTA, for the delivery of TCI's local and ISP bound traffic, TCI will be accessed charges as specified in Exhibit A to this Attachment for the additional transport and tandem switching required as a result of MTA on an elemental basis in addition to the reciprocal compensation rate to which the Parties have agreed in Section 6.1.2. In the situation of tandem exhaust at any particular tandem, where the Parties choose MTA as an alternative routing plan, the Parties will negotiate appropriate rates, terms and conditions.

1.9.4 To the extent TCI does not purchase MTA in a calling area that has multiple access tandems serving the calling area as defined by BellSouth, TCI must establish Points of Interconnection to every access tandem in the calling area in order to serve the entire calling area. To the extent TCI 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.

1.10 **Local Tandem Interconnection**. This interconnection arrangement allows TCI to establish a Point of Interconnection at BellSouth local tandems for: (1) the delivery of TCI-originated local traffic transported and terminated by BellSouth to BellSouth end offices within the local calling area as defined in BellSouth's 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.

1.10.1 When a specified local calling area is served by more than one BellSouth local tandem, TCI must designate a "home" local tandem for each of its assigned NPA/NXXs and establish trunk connections to such local tandems. Additionally, TCI 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. TCI 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 TCI does not choose to establish a Point of Interconnection. It is TCI'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 TCI's codes. Likewise, TCI shall obtain its routing information from the LERG.

1.10.2 Notwithstanding establishing Points of Interconnection to BellSouth's local tandems, TCI must also establish Points of Interconnection to BellSouth access tandems within the LATA on which TCI 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 cannot 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.)

1.10.3 BellSouth's provisioning of local tandem interconnection assumes that TCI has executed the necessary local interconnection agreements with the other third party network providers subtending those local tandems as required by the Act.

1.11 **Fiber Meet**

1.11.1 "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 a mutually agreed upon location, at which one Party's facilities, provisioning, and maintenance responsibility begins and the other Party's responsibility ends (i.e. Point Of Interface).

1.11.2 If TCI elects to establish a Point of Interconnection with BellSouth pursuant to a Fiber Meet, TCI 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 and shall be ordered via an Access Services Request ("ASR") in the initial phase of this offering. The Parties shall work jointly to determine the specific transmission system. However, TCI's SONET transmission must be compatible with BellSouth's equipment in the serving wire center. The same vendor's equipment and software version must be used, and the Data Communications Channel (DCC) must be turned off.

1.11.3 BellSouth shall, wholly at its own expense, procure, install and maintain the agreed upon SONET equipment in the BellSouth Interconnection Wire Center ("BIWC").

1.11.4 TCI shall, wholly at its own expense, procure, install and maintain the agreed upon SONET equipment in the TCI Interconnection Wire Center (" TCI Wire Center").

1.11.5 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 TCI 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 TCI, Point of Interface to BellSouth).

1.11.6 TCI shall deliver and maintain such strands wholly at its own expense. Upon verbal request by TCI, BellSouth shall allow TCI access to the Fiber Meet entry point for maintenance purposes as promptly as possible.

1.11.7 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.

1.11.8 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.

1.11.9 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 Parties' applicable Access Service tariffs (e.g., the BellSouth Interstate or Intrastate Access Services Tariff).

1.11.10 The term "Special Access Service" means the offering of dedicated facilities for the purpose of the origination or termination of telecommunications traffic to or from an interexchange carrier to or from each Parties' telephone exchange service customers in a given area.

**2. Interconnection Trunking and Routing**

2.1 BellSouth and TCI shall establish interconnecting trunk groups and trunking configurations between networks including the establishment of one-way or two-way trunks in accordance with Sections 2.4 and 2.5 of this attachment.

2.2 Any TCI interconnection request that deviates from the standard trunking configurations as described in the *BellSouth Call Transport & Termination Service For Facility Based CLECs section of the Facility Based CLEC Activation Requirements Customer Guide* that affects traffic delivered to TCI from a BellSouth switch that requires special BellSouth switch translations and other network modifications will require TCI 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 TCI not addressed in Exhibit A shall be as set forth in the appropriate intrastate or interstate tariff for switched access services of the Parties. For two-way trunking that carries the Parties' local and intraLATA toll traffic, excluding 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. TCI shall be responsible for ordering and paying for any two-way trunks carrying transit traffic.

2.4 Two-Way Trunking Requirements:

The following requirements apply to two-way trunking that carries the Parties local and intraLATA toll.

1. If a Party chooses to interconnect using two-way trunking, that Party shall initiate such two-way trunking request. The 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 upon location.

3. BellSouth and TCI will jointly review the trunk forecast, as needed, on a periodic basis, or at least every six (6) months.

4. TCI will order trunks using access service request (ASR) process in place for Local Interconnection after the joint planning meeting takes place between BellSouth and TCI.

5. BellSouth and TCI will agree on traffic engineering parameters that will be used in the engineering of the trunk groups. BellSouth will provide the same quality of service that it provides to itself.

6. BellSouth and TCI agree to meet and resolve service-affecting situations in a timely manner. This contact will normally be made through the Account Team and TCI's Vice President of Engineering .

7. Establishing a two-way trunk group does not preclude BellSouth or TCI 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 TCI will be responsible for the installation and maintenance of its trunks and facilities to the mutually agreed to Point of Interface.

2.5 **BellSouth Access Tandem Interconnection Architectures**

2.5.1 BellSouth Access Tandem Interconnection provides intra-tandem 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.

2.5.2 Basic Architecture

2.5.2.1 In this architecture, TCI's originating Local and IntraLATA Toll and originating and terminating Transit Traffic is transported on a single two-way trunk group between TCI and BellSouth access tandem(s) within a LATA. This group carries intra-tandem Transit Traffic between TCI and Independent Companies, Interexchange Carriers, other CLECs and other network providers with which TCI desires interconnection and has the proper contractual arrangements. This group also carries TCI originated inter-tandem 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 TCI. 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.

2.5.3 One-Way Trunking Architecture

2.5.3.1 In this architecture, the Parties interconnect using two one-way trunk groups. One one-way trunk group carries TCI-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 TCI end-users. A third two-way trunk group is established for TCI's originating and terminating Transit Traffic. This group carries intra-tandem Transit Traffic between TCI and Independent Companies, Interexchange Carriers, other CLECs and other network providers with which TCI desires interconnection and has the

proper contractual arrangements. This group also carries TCI originated inter-tandem 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.

2.5.4 Two-Way Trunking Architecture

2.5.4.1 The Two-Way Trunking Architecture establishes one two-way trunk group to carry local and intraLATA toll traffic between TCI and BellSouth. To establish this architecture, TCI 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 TCI's originating and terminating Transit Traffic. This group carries intra-tandem Transit Traffic between TCI and Independent Companies, Interexchange Carriers, other CLECs and other network providers with which TCI desires interconnection and has the proper contractual arrangements. This group also carries TCI originated inter-tandem 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.

2.5.5 Supergroup Architecture

2.5.5.1 In the Supergroup Architecture, the Parties Local and IntraLATA Toll and TCI's Transit Traffic is exchanged on a single two-way trunk group between TCI and BellSouth. To establish this architecture, TCI and BellSouth must meet the Two-way Trunking Requirements described in this Attachment. This group carries intra-tandem Transit Traffic between TCI and Independent Companies, Interexchange Carriers, other CLECs and other network providers with which TCI desires interconnection and has the proper contractual arrangements. This group also carries TCI originated inter-tandem traffic transiting a single BellSouth access tandem destined to third party tandems such as an Independent Company tandem or other CLEC tandem. Other trunk groups for operator services, directory assistance, emergency services and intercept may be established if required. The LERG should be referenced for current routing and tandem serving arrangements. The Supergroup Architecture is illustrated in Exhibit E.

2.6 TCI may establish interconnection at BellSouth end offices for the delivery of TCI originated local and intraLATA toll traffic destined for BellSouth end-users served by that end-office.

2.6.1 When end office trunking is ordered by BellSouth to deliver BellSouth originated traffic to TCI, BellSouth will provide overflow routing through BellSouth tandems consistent with how BellSouth overflows its traffic. The overflow will be based on the homing arrangements TCI displays in the LERG. Likewise, if TCI interconnects to a BellSouth end office for delivery of TCI originated traffic, TCI will overflow the traffic through the BellSouth tandems based on the BellSouth homing arrangements shown in the LERG.

2.6.2 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 or an alternative routing plan that will alleviate the tandem capacity shortage and ensure completion of traffic between TCI and BellSouth's subscribers.

(2) Traffic Volume –To the extent either Party has the capability to measure the amount of traffic between a TCI switching center and a BellSouth end office, that Party shall install and retain direct end office trunking sufficient to handle actual or reasonably forecasted traffic volumes, whichever is greater, between a TCI switching center and a BellSouth end office where the traffic exceeds or is forecasted to exceed two DS1s of local traffic per month. Either Party will install additional capacity between such points when overflow traffic between TCI's switching center and BellSouth's end office exceeds or is forecasted to exceed two DS1s of local traffic per month. In the case of one way trunking from TCI, additional trunking shall be required when its traffic volume has achieved the preceding threshold. Additionally, in the case of one-way trunks from BellSouth, additional trunking may be requested by either party when its traffic volume has achieved a single DS1 of local traffic per month.

(3) Mutual Agreement - The Parties may install direct end office trunking upon mutual agreement in the absence of the conditions (1) or (2) above.

2.7 Switched Access traffic will be delivered to and by IXCs based on TCI's NXX Access Tandem homing arrangement as specified by TCI in the national Local Exchange Routing Guide (LERG).

2.8 All trunk groups will be provisioned as Signaling System 7 (SS7) capable where technically feasible.

## 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 Telcordia 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 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. BellSouth shall provide interconnection facilities that meet the same technical criteria and service standards used in BellSouth's own network including the probability of blocking in peak hours and transmission standards.

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.

3.6 **Forecasting Requirements**

3.6.1 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 BellSouth to provide as accurate reciprocal trunking forecasts as possible to TCI, TCI must inform BellSouth of any known or anticipated events that may affect BellSouth reciprocal trunking requirements. If State refuses to provide such information, BellSouth shall provide reciprocal trunking forecasts based only on existing trunk group growth and BellSouth annual estimated percentage of BellSouth's subscriber line growth.

3.6.2 Both Parties shall meet every six months or at otherwise mutually agreeable intervals for the purpose of exchanging non-binding forecast 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.

3.6.3 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 48 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.

3.6.4 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 ordered. However, if one Party cannot meet an order at the time ordered, it will use its best efforts to meet such order within 180 days of the requested time.

3.7 Signaling Call Information. BellSouth and TCI will send and receive 10 digits for local traffic. Additionally, BellSouth and TCI 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.

**4. Parity in Ordering and Provisioning**

Each Party shall provide interconnection ordering and provisioning services to the other Party that are Equal in Quality to the ordering and provisioning services the Parties provide themselves. "Equal in Quality" shall have the meaning accorded in Section 51.305(a)(3) of the FCC's Rules, 47 C.F.R. § 51.305(a)(3). Reasonable and nondiscriminatory procedures for ordering and provisioning BellSouth interconnection services are set forth in the *BellSouth Call Transport & Termination Service For Facility Based CLECs section of the Facility Based CLEC Activation Requirements Customer Guide.*

**5. Local Dialing Parity**

Each Party shall provide local dialing parity, meaning that each Party's customers will not have to dial any greater number of digits than the other Party's customers to complete the same call. In addition, under equivalent interconnection arrangements, TCI local service customers will experience at least the same quality as BellSouth local service customers regarding post-dial delay, call completion rate and transmission quality.

**6. Interconnection Compensation**

6.1 Compensation for Call Transportation and Termination for Local Traffic and ISP-Bound Traffic, excluding access traffic.

6.1.1 Local Traffic is defined as any telephone call that originates in one exchange and terminates in either the same exchange, or a corresponding Extended Area Service ("EAS") exchange.

6.1.2 The Parties will compensate each other on a mutual and reciprocal basis for the transport and termination of Local Traffic and ISP-bound traffic at the following rates:

| | |
|---|---|
| 01/01/00 – 12/31/00 | $.00200 per Minute of Use (MOU) |
| 01/01/01 – 12/31/01 | $.00175 per MOU |
| 01/01/02 – 12/31/02 | $.00150 per MOU |
| 01/01/03 – 06/29/03 | The Parties will negotiate a rate for the exchange of traffic. If the parties fail to negotiate a rate by 01/01/03 the applicable FCC or |

State Commission approved rates for local and isp bound traffic will apply.

The Parties recognize and agree that they negotiated these annual rates together as a complete rate structure to apply over the full three-year term of this Agreement and that the parties would not have mutually agreed to accept a single annual rate in any single year. Nothing in this Paragraph shall limit TCI's rights pursuant to Paragraph 6.1.3.3.

6.1.3 The Parties have been unable to agree upon whether dial up calls to Information Service Providers ("ISPs") should be considered Local Traffic for purposes of this Agreement. Dial-up Calls are defined as calls to an ISP that are dialed by using a local dialing pattern (7 or 10 digits) by the calling party (hereinafter referred to as "ISP-bound traffic"). However, without prejudice to either Party's position concerning the nature of ISP-bound traffic, the Parties agree for purposes of this Agreement only, to compensate each other for ISP-bound traffic at the same per minute of use rates set forth in Paragraph 6.1.2. It is expressly understood and agreed that this inter-carrier compensation mechanism for ISP-bound traffic is being established: (1) in consideration for a waiver and release by each party for any and all claims for reciprocal compensation for ISP-bound traffic exchanged between the parties prior to January 1, 2000, which is hereby acknowledged; and (2) subject to the terms and conditions in section 6.1.4.

6.1.3.1 The Parties recognize and agree that the FCC, courts of competent jurisdiction, or state commissions with jurisdiction over the Parties will issue subsequent decisions on ISP-bound traffic ("Subsequent Decisions"). Notwithstanding any provision in this Agreement to the contrary, the inter-carrier compensation mechanism established in section 6.1.3 shall continue at the rates set forth in section 6.1.2 for the full term of this Agreement without regard to such Subsequent Decisions, except as provided for in section 6.1.3.2 and 6.1.3.3.

6.1.3.2 To the extent such Subsequent Decisions render the inter-carrier compensation mechanism for ISP-bound traffic set forth in section 6.1.3 in violation of applicable federal or state law, the Parties agree to amend this Agreement within thirty (30) days of the effective date of any such Subsequent Decision to conform the inter-carrier compensation mechanism set forth in section 6.1.3 with such Subsequent Decision. In the event of such an amendment, there will be no true-up for compensation paid prior to the amendment. In the event of such an amendment, there will be no true-up for compensation paid prior to the amendment, except to the extent expressly required by law.

6.1.3.3 Nothing herein shall preclude TCI from exercising its rights under this Agreement or Section 252(i) of the 1996 Act and applicable FCC regulations to elect rates, terms, and conditions with respect to the payment of reciprocal compensation from any other approved interconnection agreement executed by

BellSouth under which BellSouth is paying reciprocal compensation for ISP-bound traffic other than on an interim basis. The Parties recognize and agree that this provision is intended to ensure that TCI is treated in the same manner with respect to the payment of reciprocal compensation for ISP-bound traffic as the competing local exchange carrier from whose interconnection agreement TCI seeks to elect rates, terms, and conditions. Accordingly, TCI agrees that it will not seek to elect reciprocal compensation rates, terms, or conditions from another interconnection agreement unless those rates, terms, and conditions apply to ISP-bound traffic (other than on an interim basis), either by the express terms of that agreement, by voluntary action by BellSouth, or pursuant to an effective state Commission or court order.

6.1.4 The Parties recognize and agree that the compensation for the transport and termination of Local Traffic set forth in section 6.1.2 and the inter-carrier compensation mechanism for ISP-bound traffic set forth in section 6.1.3 are intended to allow each Party to recover costs associated with such traffic. Accordingly, the Parties recognize and agree that such compensation will not be billed and shall not be paid for a call placed from a local exchange service provided by a Party, to establish or maintain a network connection if: (1) such call is not recognized by current industry practice to constitute traffic (voice or data) which results from a telephone call; (2) the end user customer does not control the dialed number destination and content of that call; or (3) a primary purpose of that call is to generate the payment of reciprocal compensation as a result of establishing or maintaining the network connection.

6.1.5 Neither Party shall represent switched access services traffic as Local Traffic for purposes of payment of reciprocal compensation.

6.2 Unidentifiable traffic. Unidentifiable traffic. TCI shall utilize its NPA/NXXs in such a way and will provide the necessary information so that BellSouth shall be able to distinguish Local from IntraLATA Toll traffic for BellSouth originated traffic. TCI end users' assigned NPA/NXX line numbers shall be physically located in the BellSouth rate center with which the NPA/NXX has been associated. Whenever BellSouth delivers traffic to TCI for termination on the TCI 's network, if BellSouth cannot determine, because of the manner in which TCI has utilized its NXX codes whether the traffic is local or toll, BellSouth will charge the applicable rates for originating intrastate network access service as reflected in BellSouth's Intrastate Access Service Tariff. BellSouth will make appropriate billing adjustments if TCI can provide sufficient information for BellSouth to determine whether said traffic is local or toll.

6.3 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, BellSouth and TCI shall provide a positive report updating the PLU. Notwithstanding the foregoing, where the terminating company has message recording technology that identifies the traffic terminated, such information, in lieu of the PLU factor, shall at the company's option be utilized to determine the appropriate local usage compensation to be paid.

6.4 Percentage Interstate Usage. For combined interstate and intrastate TCI traffic terminated by BellSouth over the same facilities, TCI 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 TCI. 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 company has message recording technology that identifies the traffic terminated, such information, in lieu of the PLU factor, shall at the company's option be utilized to determine the appropriate local usage compensation to be paid.

6.5 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 TCI 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 auditory paid for by the Party requesting the audit. The PLU and/or PIU shall be adjusted based upon the audit results and shall apply to the usage for the quarter the audit was completed, to the usage for the quarter prior to the completion of the audit, and to the usage for the two quarters following the completion of the audit. If, as a result of an audit, either Party is found to have overstated the PLU and/or PIU by twenty percentage points (20%) or more, that Party shall reimburse the auditing Party for the cost of the audit.

6.6 Rate True-up

**This section applies only to Tennessee.**

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

6.6.2 The interim prices shall be trued-up, either up or down, based on final prices determined either by further agreement between the Parties, or by a final order (including any appeals) of the Commission which final order meets the criteria of (3) below. The Parties shall implement the true-up by comparing the actual

volumes and demand for each item, together with interim prices for each item, with the final prices determined for each item. Each Party shall keep its own records upon which the true-up can be based, and any final payment from one Party to the other shall be in an amount agreed upon by the Parties based on such records. In the event of any disagreement as between the records or the Parties regarding the amount of such true-up, the Parties agree that the body having jurisdiction over the matter shall be called upon to resolve such differences, or the Parties may mutually agree to submit the matter to the Dispute Resolution process in accordance with the provisions of Section 12 of the General Terms and Conditions and Attachment 1 of the Agreement.

6.6.3 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.

6.6.4 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.

6.7 Compensation for IntraLATA Toll Traffic

6.7.1 IntraLATA Toll Traffic. IntraLATA Toll Traffic is defined as all traffic that originates and terminates within a single LATA, but is not treated as local or EAS traffic under this Attachment.

6.7.2 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's current intrastate or interstate, whichever is appropriate, terminating switched access tariff rates as set forth in the terminating Party's Intrastate or Interstate Access Services Tariff as filed and in effect with the FCC

or state Commission. The appropriate charges will be determined by the routing of the call. If one Party is the other Party's end user's presubscribed interexchange carrier or if one Party's end user uses the other Party as an interexchange carrier on a 101XXXX basis, the originating Party will charge the other Party the appropriate originating switched access tariff rates as set forth in the originating Party's Intrastate or Interstate Access Services Tariff as filed and in effect with the FCC or appropriate state Commission.

6.7.3 Compensation for 800 Traffic. Each Party shall compensate the other pursuant to the appropriate switched access charges, including the database query charge as set forth in the providing Party's tariff, as filed and effective with the FCC or appropriate State Commission.

6.7.4 Records for 800 Billing. Each Party will provide to the other the appropriate records necessary for billing intraLATA 800 customers. The records provided will be in a standard EMI format for a fee of $0.013 per record.

6.7.5 800 Access Screening. Should TCI require 800 Access Ten Digit Screening Service from BellSouth, it shall have signaling transfer points connecting directly to BellSouth's local or regional signaling transfer point for service control point database query information. TCI shall utilize SS7 signaling links, ports and usage as set forth in Attachment 2. TCI will not utilize switched access FGD service. 800 Access Ten Digit Screening Service is an originating service that is provided via 800 Switched Access Service trunk groups from BellSouth's SS7 equipped end office or access tandem providing an IXC identification function and delivery of a call to the IXC based on the dialed ten digit number. The terms and conditions for this service are set out in BellSouth's Intrastate Access Services Tariff as amended.

6.8 Mutual Provision of Switched Access Service

6.8.1 The term "Switched Access Service" means the offering of switched facilities for the purpose of the origination or termination of telecommunications traffic to or from an interexchange carrier to or from each Parties' telephone exchange service customers in a given area. Switched Access Services include the following traffic types: Feature Group A, Feature Group B, Feature Group D, 800 access and 900 access services.

6.8.2 When BellSouth and TCI provide an access service connection between an interexchange carrier ("IXC") and each other, 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. The Parties will use the Multiple Exchange Carrier Access Billing (MECAB) system to establish meet point billing for all

applicable traffic, including traffic terminated to ported numbers via INP and non-geographic NPAs. Thirty (30)-day billing periods will be employed for these arrangements. The recording Party agrees to provide to the initial billing company, at no charge, the switched access detailed usage data within no more than sixty (60) days after the recording date. The initial billing company will provide the switched access summary usage data to all subsequent billing companies within 10 days of rendering the initial bill to the IXC. Each company 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, by mutual agreement of the Parties.

6.8.3 In the event that either Party fails to provide switched access detailed usage data to the other Party within 90 days after the recording date and the receiving Party is unable to bill and/or collect access revenues due to the sending Party's failure to provide such data within said time period, then the Party failing to send the data as specified herein shall be liable to the other Party in an amount equal to the unbillable or uncollectible revenues. Each company will provide complete documentation to the other to substantiate any claim of unbillable access revenues. A negotiated settlement will be agreed upon between the companies.

6.8.4 Each company 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.

6.8.5 Each company 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.

6.8.6 Each company also agrees to process the recreated data within forty-eight (48) hours of receipt at its data processing center.

6.8.7 All claims should be filed with the other company within 120 days of the receipt of the date of the unbillable usage.

6.8.8 The Initial Billing Company shall keep records of its billing activities relating to jointly-provided Intrastate and Interstate access services in sufficient detail to permit the Subsequent Billing Company 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 Company. Each company 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.

6.9 **Transit Traffic Service**. Each Party shall provide tandem switching and transport services for the other's transit traffic. Transit traffic is traffic originating on one carrier's network that is switched and transported by the other Party and terminates on a third carrier'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 rates as set forth in the providing Party's Interstate or Intrastate Switched Access tariffs. Billing associated with all transit traffic shall be pursuant to 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.

6.9.1 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 as set forth in Exhibit A to this Attachment. TCI is responsible for and shall negotiate the necessary agreements or the placement of valid orders 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 as a result of providing the transit function. Further, TCI agrees to compensate BellSouth for any charges or costs for the delivery of transit traffic to a connecting carrier on behalf of TCI for which a valid contract or order has not been established. Additionally, the Parties agree that any billing to a third party or other telecommunications carrier under this section shall be pursuant to MECAB procedures.

6.9.2 Except for as provided in 6.9.3, transit charges shall only be assessed on the originating carrier and shall not be assessed on the terminating carrier.

6.9.3 Transit charges associated with the provisioning of toll free services (e.g., 800/888/877) shall be assessed upon the terminating carrier and shall not be imposed on the originating carrier.

**7. Frame Relay Service**

7.1 TCI and BellSouth agree that, at the request of either Party, they will negotiate an amendment to this Agreement that provides rates, terms and conditions for frame relay service.

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

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

| | |
|---|---|
| LENS | Local Exchange Navigation System |
| EDI | Electronic Data Interface |
| EDI-PC | Electronic Data Interface – Personal Computer |
| TAG | Telecommunications Access Gateway |

LSRs submitted by means of one of these interactive interfaces will incur an OSS electronic ordering charge as specified in the table below. An individual LSR will be identified for billing purposes by its Purchase Order Number (PON). LSRs submitted by means other than one of these interactive interfaces (mail, fax, courier, etc.) will incur a manual order charge as specified in the table below:

| OPERATIONAL SUPPORT SYSTEMS | 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<br><br>SOMEC | $3.50<br><br>SOMEC |
| Incremental charge per LSR received from the CLEC by means other than one of the OSS interactive interfaces | See applicable rate element | $19.99<br><br>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 TCI 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**

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

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 TCI 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.

In calculating the percentages above, all orders submitted via BellSouth's mechanized LSR systems (LENS, EDI, EDI-PC, and TAG) will count as mechanized LSRs, regardless of whether an order falls out of the mechanized process or requires manual intervention in order to be properly completed and processed.

BellSouth will track the total LSR volume for each CLEC for each quarter. At the end of that time period, a Percent Electronic LSR calculation will be made for that quarter based on the LSR data tracked in the LCSC. If this percentage exceeds the threshold volume, all of that CLEC's future manual LSRs 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

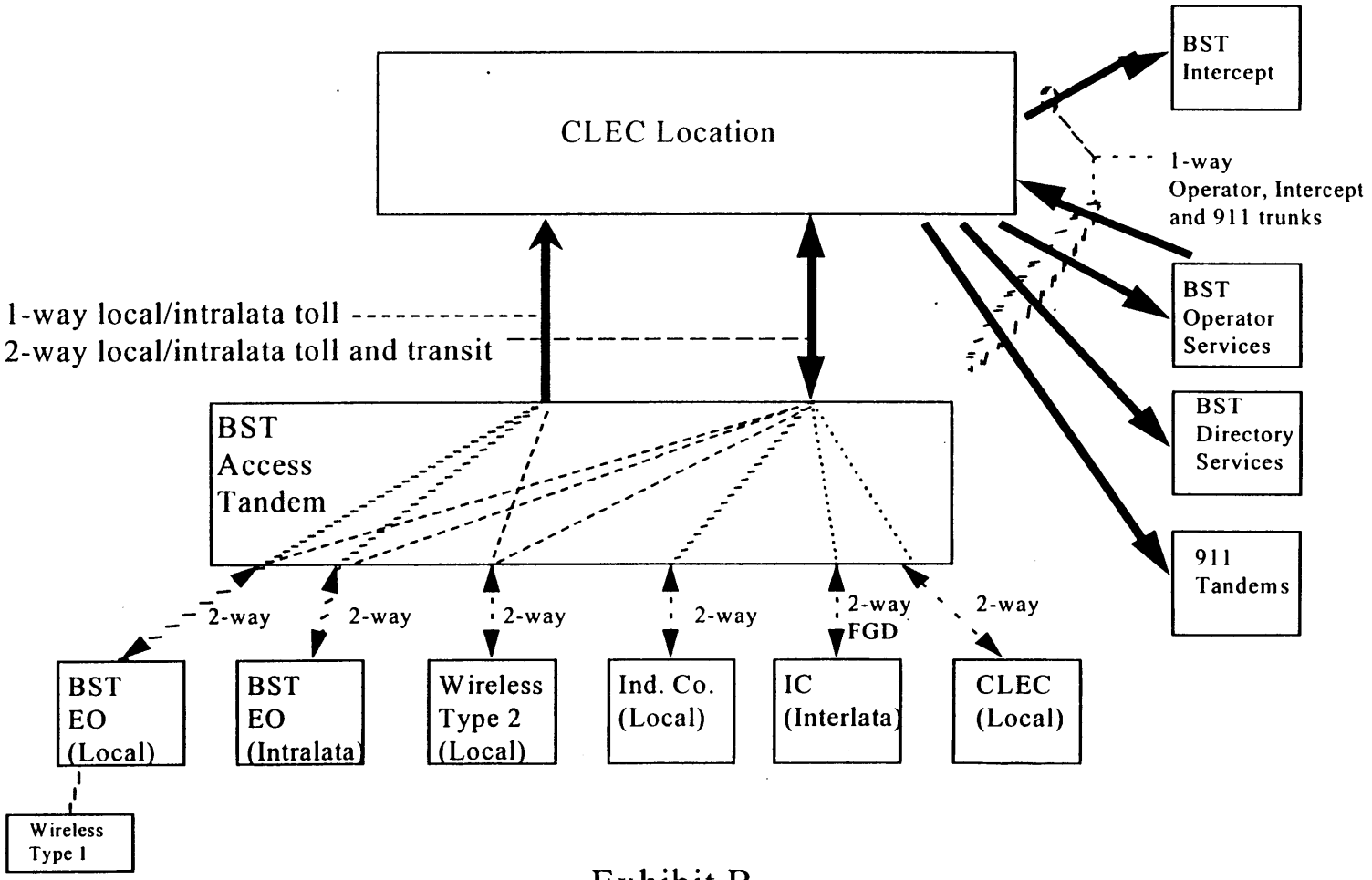



Exhibit B

# One-Way Trunking Architecture

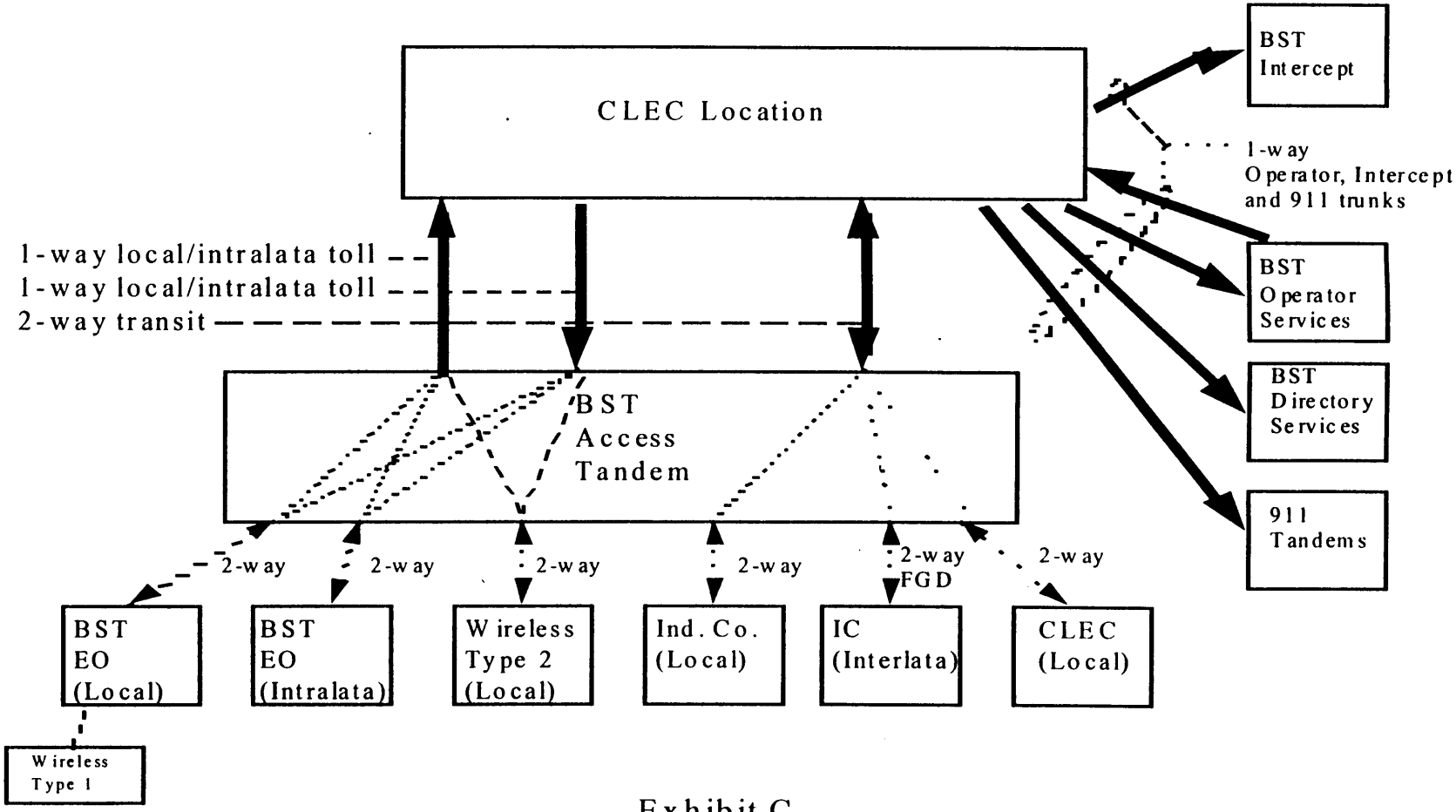



Exhibit C

# Two-Way Trunking Architecture

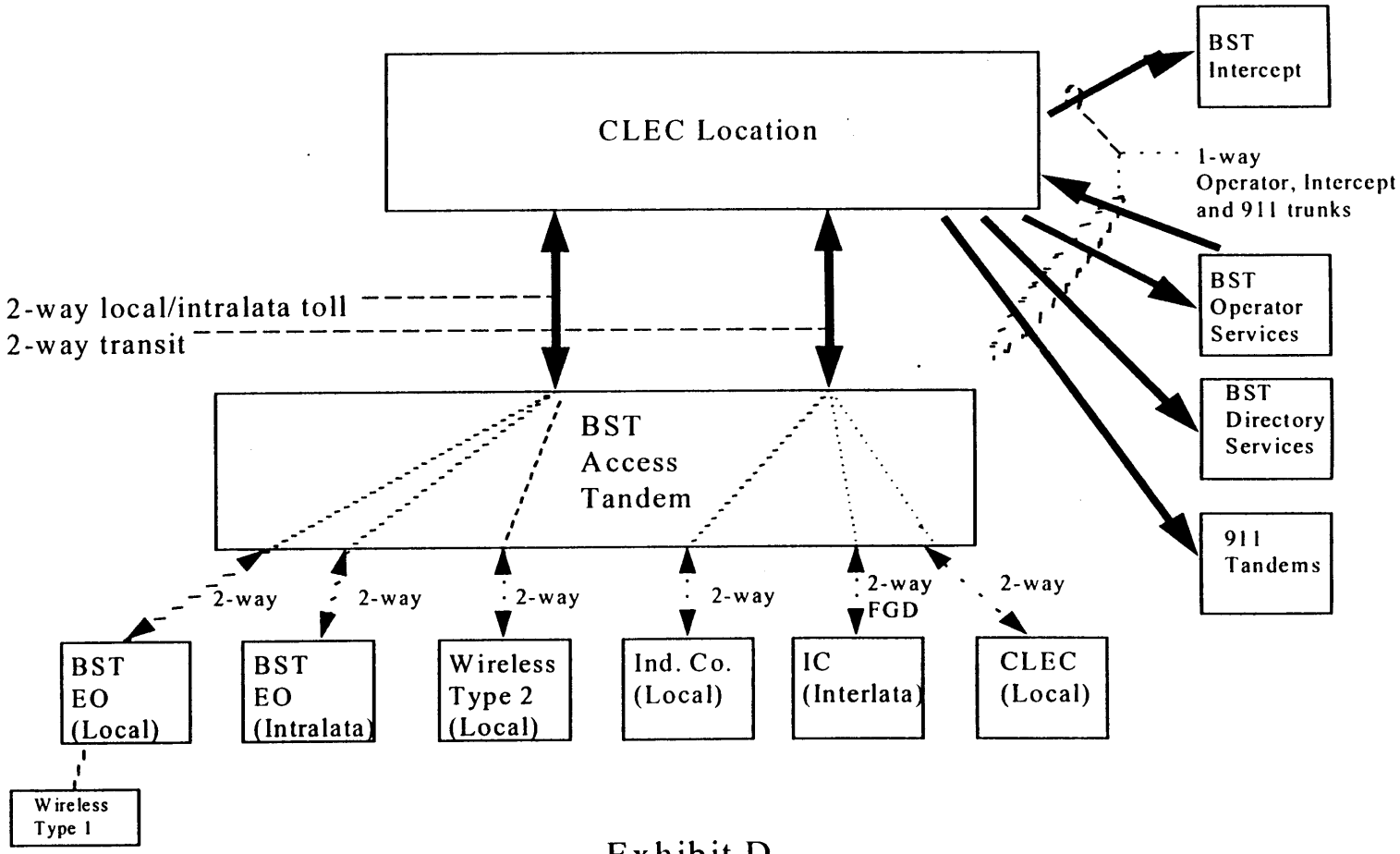



Exhibit D

# SuperGroup Architecture

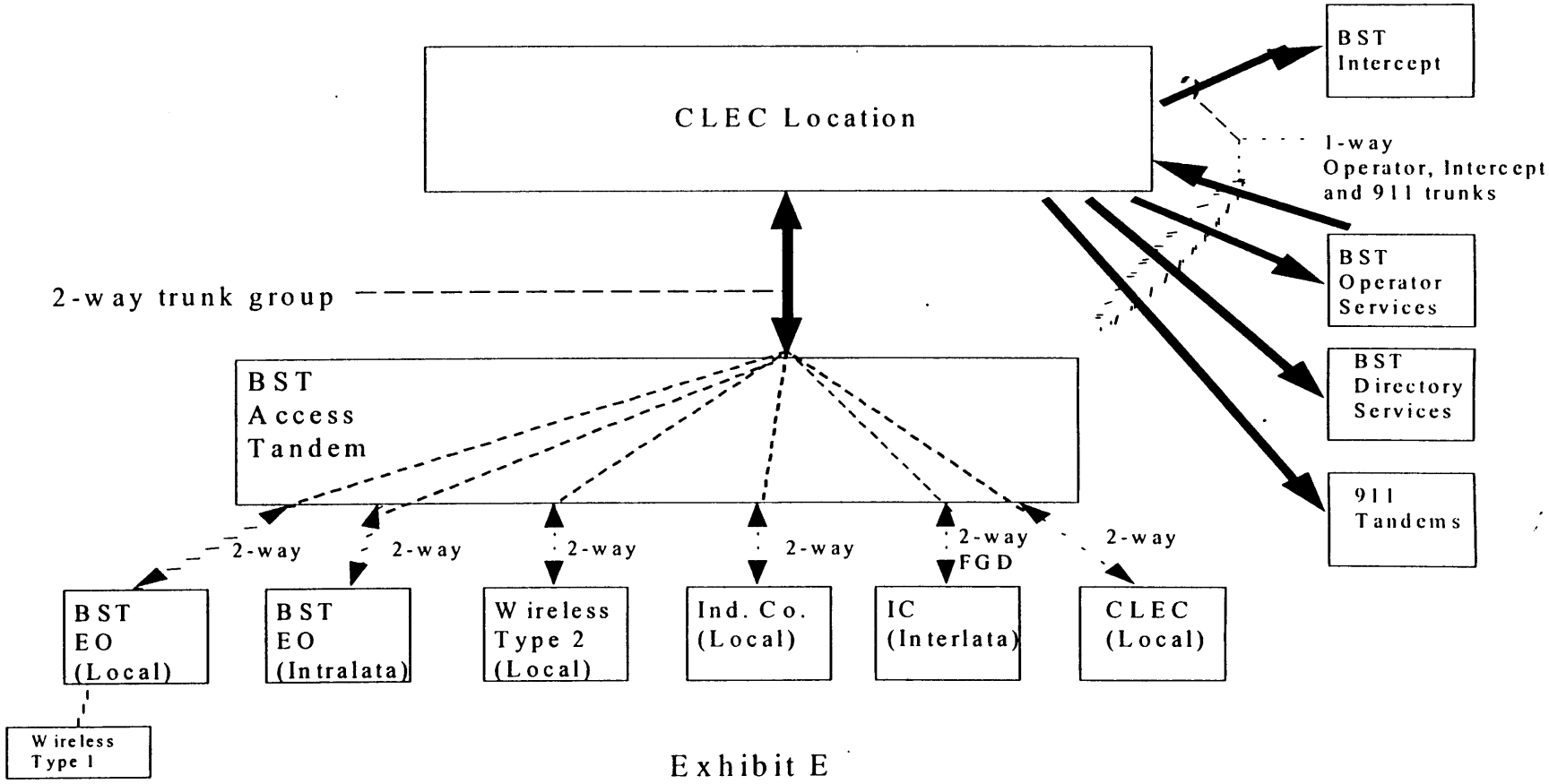



Exhibit E

**BELLSOUTH/TCI RATES**
**LOCAL INTERCONNECTION**

| DESCRIPTION | USOC | RATES BY STATE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | AL | FL | GA | KY | LA | MS | NC | SC | TN |
| **COMPENSATION** | | | | | | | | | | |
| Year 2000 Per Mou Rate for Local Interconnection and ISP-Bound Traffic | N/A | $0.0020 | $0.0020 | $0.0020 | $0.0020 | $0.0020 | $0.0020 | $0.0020 | $0.0020 | $0.0020 |
| Year 2001 Per Mou Rate for Local Interconnection and ISP-Bound Traffic | N/A | $0.00175 | $0.00175 | $0.00175 | $0.00175 | $0.00175 | $0.00175 | $0.00175 | $0.00175 | $0.00175 |
| Year 2002 Per Mou Rate for Local Interconnection and ISP-Bound Traffic | N/A | $0.0015 | $0.0015 | $0.0015 | $0.0015 | $0.0015 | $0.0015 | $0.0015 | $0.0015 | $0.0015 |
| LOCAL INTERCONNECTION (CALL TRANSPORT AND TERMINATION) FOR TRANSIT TRAFFIC AND MTA | | | | | | | | | | |
| End Office Switching, per mou | N/A | $0.0018 | NA | $0.0016333 | $0.002562 | NA | $0.0023771 | $0.0017 | $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 | $0.0009 | $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 | $0.00001 | $0.0000121 | $0.00004 |
| Common (Shared) Transport Facilities Termination per mou | N/A | $0.00045 | $0.0005 | $0.0004152 | $0.000426 | $0.00047 | $0.0004281 | $0.00034 | $0.0004672 | $0.00036 |
| **Interoffice Channel Transport - Dedicated - VG** | | | | | | | | | | |
| Interoffice Transport - Dedicated - 2-Wire VG - per mile | 1L;5XF | $0.03390 | NA | $0.0222 | NA | $0.0384 | NA | $0.0282 | $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 | $18.00 | $21.42 | $18.33 |
| NRC - 1st | 1L;5XF | $144.27 | NA | $79.61 | NA | $104.23 | NA | $137.48 | $136.44 | $83.35 |
| NRC - Add'l | 1L;5XF | $54.15 | NA | $36.08 | NA | $39.91 | NA | $52.58 | $51.37 | $20.88 |
| NRC - Incremental Charge - Manual Service Order - 1st | SOMAC | $40.34 | NA | $18.94 | NA | $26.20 | NA | $38.07 | $39.63 | $30.15 |
| NRC - Incremental Charge - Manual Service Order - Add'l | SOMAC | $40.54 | NA | $18.94 | NA | $26.20 | NA | $38.07 | $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** | | | | | | | | | | |

BELLSOUTH/TCI RATES
LOCAL INTERCONNECTION

| DESCRIPTION | USOC | RATES BY STATE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | AL | FL | GA | KY | LA | MS | NC | SC | TN |
| Interoffice Transport - Dedicated - DS0 - per mile per month | 1L5XK | $0.0339 | $0.0252 | $0.0222 | NA | $0.0384 | NA | $0.0282 | $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 | $137.48 | $136.44 | $83.35 |
| NRC - Add'l | 1L5XK | $54.15 | $64.45 | $36.08 | NA | $39.91 | NA | $52.58 | $51.37 | $20.88 |
| NRC - Incremental Charge - Manual Service Order - 1st | SOMAC | $40.34 | NA | $18.94 | NA | $26.20 | NA | $38.07 | $39.63 | $30.15 |
| NRC - Incremental Charge - Manual Service Order - Add'l | SOMAC | $40.34 | NA | $18.94 | NA | $26.20 | NA | $38.07 | $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 | $0.5753 | $0.7598 | $0.3525 |
| Interoffice Transport - Dedicated - DS1 - facility termination per month | 1L5XL | $79.69 | $99.79 | $78.47 | NA | $93.40 | NA | $71.29 | $94.98 | $75.83 |
| NRC - 1st | 1L5XL | $223.59 | $45.91 | $147.07 | NA | $160.49 | NA | $217.17 | $216.27 | $166.53 |
| NRC - Add'l | 1L5XL | $168.60 | $44.18 | $111.75 | NA | $123.03 | NA | $163.75 | $162.70 | $124.84 |
| NRC - Incremental Charge - Manual Service Order - 1st | SOMAC | $40.34 | NA | $18.94 | NA | $26.20 | NA | $38.07 | $39.63 | $30.15 |
| NRC - Incremental Charge - Manual Service Order - Add'l | SOMAC | $40.34 | NA | $18.94 | NA | $26.20 | NA | $38.07 | $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 | $12.98 | $19.08 | $5.89 |
| Interoffice Transport - Dedicated - DS3 - facility termination per month | 1L5XM | $771.60 | $984.55 | $725.53 | NA | $1,101.00 | NA | $720.38 | $960.82 | $760.20 |
| NRC - 1st | 1L5XM | $961.93 | $772.93 | $778.80 | NA | $713.57 | NA | $794.94 | $941.07 | $729.27 |
| NRC - Add'l | 1L5XM | $532.45 | $435.92 | $439.62 | NA | $404.36 | NA | $579.55 | $503.72 | $411.98 |
| NRC - Incremental Charge - Manual Service Order - 1st | SOMAC | $100.19 | NA | $77.41 | NA | $71.19 | NA | $91.26 | $92.52 | $75.98 |
| NRC - Incremental Charge - Manual Service Order - Add'l | SOMAC | $100.19 | NA | $77.41 | NA | $71.19 | NA | $91.26 | $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 | $14.82 | $16.83 | $19.02 |
| NRC - 1st | TEFV2 | $572.46 | $477.33 | $382.95 | $597.14 | $401.17 | $565.31 | $553.80 | $554.00 | $254.14 |
| NRC - Add'l | TEFV2 | $92.07 | $124.32 | $62.40 | $110.52 | $66.35 | $93.30 | $86.69 | $88.58 | $28.96 |

BELLSOUTH/TCI RATES
LOCAL INTERCONNECTION

| DESCRIPTION | USOC | RATES BY STATE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | AL | FL | GA | KY | LA | MS | NC | SC | TN |
| NRC - Incremental Charge - Manual Service Order - 1st | SOMAC | $45.12 | NA | $18.94 | $41.46 | $29.54 | $41.57 | $42.17 | $43.75 | $33.65 |
| NRC - Incremental Charge - Manual Service Order - Add'l | SOMAC | $18.73 | NA | $8.42 | NA | $19.46 | $27.39 | $12.76 | $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 | $15.87 | $18.05 | $20.14 |
| NRC - 1st | TEFV4 | $581.14 | $477.33 | $368.44 | $585.15 | $407.11 | $573.83 | $562.23 | $562.46 | $257.05 |
| NRC - Add'l | TEFV4 | $95.21 | $124.32 | $64.05 | $98.53 | $68.61 | $96.40 | $92.67 | $91.57 | $30.34 |
| NRC - Incremental Charge - Manual Service Order - 1st | SOMAC | $45.12 | NA | $18.94 | $98.53 | $29.54 | $41.57 | $42.17 | $43.64 | $33.65 |
| NRC - Incremental Charge - Manual Service Order - Add'l | SOMAC | $18.73 | NA | $8.42 | $11.99 | $19.46 | $27.39 | $12.76 | $13.55 | $23.84 |
| **Local Channel - Dedicated - DS1** | | | | | | | | | | |
| Monthly Recurring | TEFHG | $35.52 | $44.35 | $38.36 | $43.80 | $43.80 | $38.91 | $35.68 | $37.20 | $40.27 |
| NRC - 1st | TEFHG | $549.85 | $246.50 | $356.15 | $538.95 | $396.86 | $588.53 | $534.48 | $534.81 | $343.71 |
| NRC - Add'l | TEFHG | $475.02 | $230.49 | $312.89 | $464.94 | $342.92 | $501.32 | $462.69 | $462.81 | $277.86 |
| NRC - Incremental Charge - Manual Service Order - 1st | SOMAC | $91.22 | NA | $44.22 | $87.71 | $61.82 | $81.30 | $86.15 | $87.99 | $23.51 |
| NRC - Incremental Charge - Manual Service Order - Add'l | SOMAC | NA | NA | NA | NA | NA | NA | $1.77 | $3.11 | $21.75 |
| **Local Channel - Dedicated – DS3** | | | | | | | | | | |
| Monthly Recurring | TEFHJ | $559.98 | $630.65 | $558.51 | $697.89 | $696.07 | $533.33 | $498.87 | $602.18 | $633.15 |
| NRC - 1st | TEFHJ | $1,106.14 | $879.42 | $882.03 | $1,091.00 | $811.30 | $569.08 | $562.25 | $1,091.00 | $829.52 |
| NRC - Add'l | TEFHJ | $676.66 | $542.41 | $545.85 | $661.23 | $502.09 | $534.58 | $527.88 | $654.13 | $512.23 |
| NRC - Incremental Charge - Manual Service Order - 1st | SOMAC | $100.19 | NA | $77.41 | $93.12 | $71.19 | $56.84 | $56.25 | $92.52 | $75.98 |
| NRC - Incremental Charge - Manual Service Order - Add'l | SOMAC | $100.19 | NA | $77.41 | $93.12 | $71.19 | $56.84 | $56.25 | $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 |
| 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 - Incremenatl 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 - Incremenatl Cost - Manual Svc. Order - Disconnect - Add | 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 | 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 |

BELLSOUTH/TCI RATES
LOCAL INTERCONNECTION

| DESCRIPTION | USOC | RATES BY STATE AL | FL | GA | KY | LA | MS | NC | SC | TN |
|---|---|---|---|---|---|---|---|---|---|---|
| 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 | $151.62 | $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 | $45.91 | $147.07 | $298.18 | $160.49 | $222.81 | $218.28 | $216.27 | $166.53 |
| Non-recurring per additional DS1 | TBD | $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 | TBD | $40.34 | NA | $18.94 | NA | $26.20 | $36.83 | $38.12 | $39.63 | $30.15 |
| NRC - Incremental Charge - Manual Service Order - Add'l | TBD | $40.34 | NA | $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 | $4,755.41 | $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 | $772.93 | $778.80 | $946.23 | $713.57 | $812.30 | $798.95 | $941.07 | $729.27 |
| Non-recurring per additional DS3 | TBD | $532.45 | $435.92 | $439.62 | $516.89 | $404.36 | $596.55 | $582.33 | $503.72 | $411.98 |
| NRC - Incremental Charge - Manual Service Order - 1st | TBD | $100.19 | NA | $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 | NA | $77.41 | $93.12 | $71.19 | $64.97 | $91.37 | $92.52 | $75.98 |
| | | | | | | | | | | |
| **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 | $0.60130 | $0.45230 | $0.45000 | $0.78310 | $0.65980 | $0.57590 | $0.75980 | $0.35250 |
| Facility Termination per Month | TBD | $79.69 | $99.79 | $78.47 | $55.05 | $93.40 | $74.40 | $71.32 | $94.98 | $75.83 |
| Non-recurring initial DS1 | TBD | $223.59 | $45.91 | $147.07 | $298.18 | $160.49 | $222.81 | $218.28 | $216.27 | $166.53 |
| Non-recurring per additional DS1 | TBD | $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 | TBD | $40.34 | NA | $18.94 | NA | $26.20 | $36.83 | $38.12 | $39.63 | $30.15 |
| NRC - Incremental Charge - Manual Service Order - Add'l | TBD | $40.34 | NA | $18.94 | NA | $26.20 | $36.86 | $38.12 | $39.63 | $31.63 |
| | | | | | | | | | | |

**BELLSOUTH/TCI RATES**
**LOCAL INTERCONNECTION**

| DESCRIPTION | USOC | RATES BY STATE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | AL | FL | GA | KY | LA | MS | NC | SC | TN |
| Interoffice Transport - Dedicated Per DS3 | | | | | | | | | | |
| Per Mile per month | TBD | $12.56 | $10.22 | $6.53 | $12.62 | $14.04 | $15.02 | $13.00 | $19.08 | $5.89 |
| Facility Termination per Month | TBD | $771.60 | $984.55 | $725.53 | $1,204.00 | $1,101.00 | $744.38 | $720.65 | $960.82 | $760.20 |
| Non-recurring initial DS3 | TBD | $961.93 | $772.93 | $778.80 | $946.23 | $713.57 | $812.30 | $798.95 | $941.07 | $729.27 |
| Non-recurring per additional DS3 | TBD | $532.45 | $435.92 | $439.62 | $516.89 | $404.36 | $596.55 | $582.33 | $503.72 | $411.98 |
| NRC - Incremental Charge - Manual Service Order - 1st | TBD | $100.19 | NA | $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 | NA | $77.41 | $93.12 | $71.19 | $64.97 | $91.37 | $92.52 | $75.98 |
| | | | | | | | | | | |
| Common Transport: | | | | | | | | | | |
| Per Mile per MOU | TBD | $0.0000100 | $0.0000120 | $0.0000080 | $0.0000049 | $0.0000083 | $0.0000091 | $0.0000400 | $0.0000121 | $0.0000400 |
| Facility Termination - Per MOU | TBD | $0.0004500 | $0.0005000 | $0.0004152 | $0.0004260 | $0.0004700 | $0.0004281 | $0.0003600 | $0.0004672 | $0.0003600 |
| | | | | | | | | | | |
| Tandem Switching: | | | | | | | | | | |
| Per MOU | TBD | $0.0006300 | $0.0002900 | $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 | $0.0003986 | $0.0002126 | $0.0003796 | $0.0003000 | $0.0002834 | $0.0003693 | $0.0004034 | $0.0003904 |
| Total: | TBD | $0.0009600 | $0.0006886 | $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

# PHYSICAL COLLOCATION

## 1. Scope of Attachment

1.1 Scope of Attachment. All the negotiated rates, terms and conditions set forth in this Attachment pertain to collocation and the provisioning of collocation space. The rates, terms, and conditions contained within this Attachment shall only apply when TCI is occupying the collocation space as a sole occupant or as a Host within a Premises pursuant to Section 4.

1.2 Right to occupy. BellSouth shall offer TCI collocation on rates, terms, and conditions that are just, reasonable, non-discriminatory and comply with the rules of the Federal Communications Commission ("FCC"). Subject to Section 4 of this Attachment, BellSouth hereby grants to TCI a right to occupy an area designated by BellSouth within a BellSouth Premises, of a size specified by TCI and agreed to by BellSouth (hereinafter "Collocation Space"). BellSouth Premises (hereinafter "BellSouth Premises" or "Premises") shall include BellSouth Central Offices and Serving Wire Centers, as well as all buildings or similar structures owned or leased by BellSouth that house BellSouth's 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. The size specified by TCI may contemplate a request for space sufficient to accommodate TCI's growth within a two-year period unless otherwise agreed to by the Parties.

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 vacant space in the Central Office Premises. TCI will be responsible for any justification of vacant space within its space, if such justification is required by the appropriate state commission.

1.3 Use of Space. TCI shall use the Collocation Space for the purposes of installing, maintaining and operating TCI's equipment (to include testing and monitoring equipment) that is necessary to interconnect with BellSouth services and facilities, including access to unbundled network elements, for the provision of telecommunications services. Pursuant to Section 5 following, TCI may at its option, place TCI-owned fiber entrance facilities to the Collocation Space. In addition to, and not in lieu of, interconnection to BellSouth's services and facilities, TCI 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 TCI pursuant to Section 5.6 following. The Collocation Space

may be used in no other manner except as specifically described herein or authorized in writing by BellSouth.

1.4 Rates and charges. TCI agrees to pay the rates and charges identified at Exhibit A attached hereto.

1.5 Service Coordination. The Parties shall coordinate, where necessary, to ensure that the Collocation Space is provisioned in accordance with the specifications submitted by TCI in its Application, as affirmed by the Bona Fide Firm Order or as jointly amended thereafter. BellSouth will continue to provide the necessary infrastructure to support TCI's request(s) during TCI's occupancy of the Collocation Space.

**2. Space Notification**

2.1 Availability of Space. Upon submission of an application pursuant to Section 6, BellSouth shall permit TCI 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 no space available due to space limitations or that physical collocation is not practical for technical reasons.

2.1.1 Availability Notification. BellSouth shall notify TCI in writing as to whether its request for collocation space has been granted or denied due to lack of space within 10 business days of submission of the completed Application. The notification will also include a possible future space relief date, if applicable and if known. Upon notification that no space is currently available, all charges (if any) collected with the application will be returned to TCI.

2.1.2 BellSouth shall use its best efforts to assign TCI collocation space within BellSouth Premises that has existing infrastructure such as HVAC, lighting and available power.

2.2 Reporting Requirement. Upon request from TCI, 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 for a Space Availability Report from TCI must be written and must include the Premises and Common Language Location Identification (CLLI) code of the Premises.

2.2.2 BellSouth will respond to a request for a Space Availability Report for a particular BellSouth Premises within ten (10) business days from receipt of such request. BellSouth will make best efforts to respond in ten (10) business days to such a request when the request includes two (2) to five (5) BellSouth Premises locations within the

same state. If BellSouth cannot meet the ten business day response time, BellSouth shall notify TCI and inform TCI of the time frame under which it can respond. BellSouth will respond in twenty-five (25) business days to such a request when the request is between six (6) BellSouth Premises locations and up to and including twenty (20) such locations, within the same state. Should TCI submit twenty-one (21) or more report requests within fifteen (15) business days, the report delivery interval will be increased by five (5) calendar days for every five (5) additional report requests or fraction thereof.

2.3 Denial of Application. After notifying TCI that BellSouth has no available space in the requested Central Office ("Denial of Application"), BellSouth will allow TCI upon request and with a minimum of three (3) business days notice to tour the Central Office within ten (10) business days of such Denial of Application.

2.3.1 If BellSouth contends space for physical collocation is not available in a BellSouth Premises ("Denial of Application"), BellSouth shall notify TCI in writing, pursuant to Section 2.1. The written notice of denial shall provide TCI with information relevant to the denial of its request for collocation space, give some detail as to why the space was denied, and information regarding planned building additions to the extent it is known. In addition, BellSouth shall allow TCI to tour the Premises in question, not just the area in which space was denied, without charge, within ten days of the receipt of BellSouth's denial of space. 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 or as otherwise agreed to by the Parties.

2.3.2 BellSouth will comply with any state mandated requirements associated with filing petitions for waivers. For a state in which no such requirements are available, BellSouth shall file a collocation waiver petition with the Commission of the applicable state no later than thirty (30) calendar days after the denial of the collocation request and shall attach the following: (1) Detailed engineering drawings with project codes/available project numbers for all reserved space (including general descriptions and planned retirements); (2) Completed Physical Collocation Floor Space worksheet; (3) Reclamation timelines; (4) Timelines for space availability (including timeliness for retirements and building additions); (5) Description of construction plans; (6) Staffing levels and schedules, and description of all administrative space and equipment; and (7) Description of grounds and surrounding area.

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, 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 the position of telecommunications carrier on said waiting list until all available space has been offered to CLECs on the waiting list. Upon request, BellSouth will advise TCI as to its position on the list.

2.6 Public Notification. BellSouth will maintain on its website a notification document that will indicate all Premises that are without available space. The website shall contain a general notice where space has become available in a Central Office previously on the space exhaust list. BellSouth shall update such document within ten (10) business days of the date at which a Premises runs out of physical collocation space.

**3. Collocation Options**

BellSouth will make each of the arrangements outlined below available so that TCI will have a variety of collocation options from which to choose.

3.1 Cageless. In accordance with and in full compliance with local building code, BellSouth shall allow TCI to collocate TCI's equipment and facilities, without requiring the construction of a cage or similar structure. BellSouth shall allow TCI to have direct access to its equipment and facilities 24 hours a day, 7 days a week without need for a security escort, provided that TCI complies with the requirements in Section 11. BellSouth shall make cageless collocation available in single bay increments, including unused space adjacent to BellSouth's equipment, if technically feasible, pursuant to Section 7. Except where TCI'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, TCI 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. BellSouth shall authorize the enclosure of TCI's equipment and facilities at TCI's option or if required by local building code. BellSouth will make caged collocation available in increments small enough to collocate a single rack or bay of equipment. At TCI's option, BellSouth will permit TCI to arrange with a BellSouth Certified Contractor to construct a collocation arrangement enclosure in accordance with BellSouth's guidelines and specifications at TCI'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 specifications, TCI and TCI's BellSouth Certified Contractor must comply with local building code requirements–TCI's BellSouth Certified Contractor shall be responsible for filing and receiving any and

all necessary permits and/or licenses for such construction. The Certified Vendor shall bill TCI directly for all work performed for TCI and BellSouth shall have no liability for nor responsibility to pay such charges imposed by the Certified Vendor. TCI 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 TCI's locked enclosure prior to notifying TCI.

3.2.1 BellSouth has the right to review TCI's plans and specifications prior to allowing construction to start. BellSouth shall complete its review within 15 calendar days. TCI shall be able to design caged enclosures in amounts as small as that sufficient to house and maintain a single rack or bay of equipment (i.e., 50 square feet of cage space for a single bay). BellSouth has the right to inspect the enclosure after construction to make sure it is constructed according to the submitted plans and specifications. BellSouth can require TCI to remove or correct at TCI's cost any structure that does not meet these plans.

3.3 Shared (Subleased) Caged Collocation. TCI may allow other telecommunications carriers to sublease, license or otherwise share TCI's caged collocation arrangement pursuant to terms and conditions agreed to by TCI ("Host") and other telecommunications carriers ("Guests") and pursuant to this section except where BellSouth Premises is located within a leased space and BellSouth is not authorized by the lessor to offer such an option. TCI shall provide written notification within ten (10) business days of execution of any such agreement. Such notification shall identify the Guest and shall include appropriate contact information for the Guest. Further, said Agreement shall incorporate by reference the rates, terms and conditions of this Attachment between BellSouth and TCI.

3.3.1 As a Host CLEC, TCI 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. Notwithstanding the foregoing, Guest may arrange directly with BellSouth to order UNEs to and provision service from that shared collocation space, regardless of which CLEC was the original Collocator, and BellSouth will bill the Guest directly for these services.

3.3.2 In making shared caged arrangements available, whether or not TCI serves as Host, BellSouth may not increase the cost of site preparation or nonrecurring charges above the cost of provisioning such a shared arrangement of similar dimensions and material to a single collocating party.

3.3.3 BellSouth will not place unreasonable restrictions on TCI's use of a cage, and as such will allow TCI to contract with other CLECs to share the cage in a sublease-type arrangement. If two (2) or more CLECs who have interconnection agreements with

BellSouth utilize a shared collocation cage, BellSouth will permit each CLEC to order UNEs to and provision service from that shared collocation space, regardless of which CLEC was the original Collocator.

3.4 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 TCI and in conformance with BellSouth's reasonable and nondiscriminatory design and construction specifications. Further, TCI shall construct, procure, maintain and operate said Adjacent Arrangement(s) pursuant to all of the terms and conditions set forth in this Attachment. Reasonable and nondiscriminatory rates shall be negotiated at the time of the request for Adjacent Collocation. BellSouth will designate alternative locations acceptable to it, if available, from which TCI can choose to place its adjacent arrangement structure. BellSouth shall not unreasonably withhold designation of alternative locations.

3.4.1 Should TCI elect such option, TCI 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 enclosure specifications, TCI and TCI's BellSouth Certified Contractor must comply with local building code requirements. TCI's BellSouth Certified Contractor shall be responsible for filing and receiving any and all necessary zoning, permits and/or licenses for such construction. TCI's BellSouth Certified Contractor shall bill TCI directly for all work performed for TCI pursuant to this Attachment and BellSouth shall have no liability for nor responsibility to pay such charges imposed by the BellSouth Certified Contractor. TCI 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 TCI's locked enclosure prior to notifying TCI; and in the case of an emergency, BellSouth will notify TCI by telephone of such access within a reasonable time.

3.4.2 BellSouth may elect to review TCI's plans and specifications prior to construction of an Adjacent Arrangement(s) to ensure compliance with BellSouth's guidelines and specifications. BellSouth shall complete its review within fifteen (15) business days. If BellSouth reviews TCI's plans and specifications prior to construction, then BellSouth will have the right to inspect the Adjacent Arrangement after construction to make sure it is constructed according to the submitted plans and specifications. If BellSouth elects not to review TCI's plans and specifications prior to construction, TCI will be entitled to request BellSouth to review; and in the event TCI does not request a BellSouth review, BellSouth shall have the right to inspect the Adjacent Arrangement after construction to make sure it is constructed according to

BellSouth's guidelines and specifications. BellSouth may require TCI to remove or correct at TCI's expense any structure that does not meet these plans and specifications or, where applicable, BellSouth's guidelines and specifications.

3.4.3 TCI shall provide a concrete pad, the structure housing the arrangement, HVAC, lighting, and all facilities that connect the structure (i.e. racking, conduits, etc.) to the BellSouth point of interconnection. At TCI'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 to such adjacent structures subject to the same nondiscriminatory requirements as applicable to any other physical collocation arrangement. TCI's BellSouth Certified Contractor shall be responsible for filing and receiving any and all necessary zoning, permits and/or licenses for such arrangement.

3.4.4 BellSouth shall allow Shared (Subleased) Collocation within an Adjacent Arrangement pursuant to the terms and conditions set forth in Section 3.3 preceding.

3.4.5 In the event that interior space in a BellSouth Premises becomes available, BellSouth will provide the option to TCI, upon request from TCI, to relocate its equipment from an Adjacent Facility into the interior space subject to the procedures set forth herein. In the event TCI chooses to relocate its equipment into the interior space, appropriate charges applicable for collocation within BellSouth Premises will apply.

3.6 BellSouth shall, upon request from TCI, remove obsolete unused equipment from its premises prior to BellSouth's scheduled removal of such equipment, to increase the amount of space available for collocation. TCI shall pay its pro rata share of incremental costs associated with expediting the removal of such equipment.

3.7 Other Physical Collocation Arrangements – BellSouth will provide other collocation arrangements that have been demonstrated to be technically feasible. .A previously successful method of obtaining interconnection or access to unbundled network elements at a particular premises or point on any incumbent LEC's network is substantial evidence that such method is technically feasible in the case of substantially similar network premises or points. In seeking a particular collocation arrangement, either physical or virtual, TCI is entitled to a presumption that such arrangement is technically feasible if any LEC has deployed such collocation arrangement in any incumbent LEC premises.

3.8 Space Reservation. BellSouth shall relinquish any space held for future use before denying a request for virtual collocation on the grounds of space limitations, unless BellSouth proves to the state commission that virtual collocation at that point is not technically feasible.

3.9 Contiguous Space. BellSouth will make every attempt to provide TCI with contiguous space for any subsequent request for physical collocation space, but makes no assurances that contiguous space will be available.

**4. Occupancy**

4.1 Commencement Date. The "Commencement Date" shall be the day TCI's equipment becomes operational as described in Article 4.2, following.

4.2 Occupancy. BellSouth will notify TCI in writing that the Collocation Space is ready for occupancy. TCI must notify BellSouth in writing that collocation equipment installation is complete and is operational with BellSouth's network. BellSouth may, for good cause and on a reasonable and nondiscriminatory basis, not accept orders for interconnected service until receipt of such notice. For purposes of this paragraph, TCI'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, TCI may terminate occupancy in a particular Collocation Space upon thirty (30) calendar days prior written notice to BellSouth. Upon termination of such occupancy, TCI at its expense shall remove its equipment and other property from the Collocation Space. TCI shall have thirty (30) calendar days from the termination date to complete such removal, including the removal of all equipment and facilities of TCI's Guests; provided, however, that TCI shall continue payment of monthly fees to BellSouth until such date as TCI has fully vacated the Collocation Space. Should TCI fail to vacate the Collocation Space within thirty (30) calendar days from the termination date, BellSouth shall have the right to remove the equipment and other property of TCI at TCI's expense and with no liability for damage or injury to TCI's property unless caused by the gross negligence or intentional misconduct of BellSouth. Upon termination of occupancy, TCI shall surrender the Collocation Space to BellSouth in the same condition as when first occupied by TCI, except for ordinary wear and tear. TCI 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. TCI may locate equipment that is necessary for interconnection to BellSouth's network or for access to BellSouth's unbundled network elements.

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 SR3580, 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. BellSouth may not impose safety requirements on TCI's equipment that are more stringent than the safety requirements it imposes on its own equipment. BellSouth may not object to the collocation of TCI's equipment on the ground that the equipment fails to comply with NEBS performance standards. If BellSouth denies collocation of a competitor's equipment, citing safety standards, BellSouth must provide to TCI within five (5) business days of the denial a list of all equipment that BellSouth locates with the premises in question, together with an affidavit attesting that all of that equipment meets or exceeds the safety standard that BellSouth contends TCI's equipment fails to meet. In the event that BellSouth believes that the collocated equipment will not be or is not being used for interconnection or access to unbundled network elements or determines that TCI's equipment does not meet NEBS Level 1 safety requirements, TCI will be given ten (10) calendar days to comply with the requirements or remove the equipment from the collocation space. If the parties do not resolve the dispute, BellSouth or TCI may file a complaint at the Commission seeking a formal resolution of the dispute.

5.1.2 TCI 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 TCI shall place a plaque or other identification affixed to TCI's equipment necessary to identify TCI's equipment, including a list of emergency contacts with telephone numbers.

5.1.4 Upon request, TCI will certify in writing to BellSouth that the equipment is necessary for interconnection or access to unbundled network elements. In the event that the Parties have a dispute about the type of equipment to be collocated, BellSouth may file a complaint with the Commission seeking a formal determination that the equipment cannot be collocated in a BellSouth Premises. While the dispute is pending, BellSouth will not prevent or unreasonably delay installation of the disputed equipment in the Collocation space; however, TCI will not activate the equipment during the pendency of the dispute. TCI will be responsible for all costs incurred as a result of the installation should removal or modification of the equipment be required by the Commission's ruling.

5.2 Entrance Facilities. TCI may elect to place TCI-owned or TCI-leased fiber entrance facilities into the Collocation Space. TCI will designate the point of interconnection 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. TCI will provide and place fiber cable at the point of interconnection of sufficient length to be pulled through conduit and into the splice location. TCI will provide and place a sufficient length of fire retardant riser cable, to which the entrance cable will be spliced, which will extend from the splice location to TCI's equipment in the Collocation Space. In the event TCI utilizes a non-metallic, riser type entrance

facility, a splice will not be required. TCI must contact BellSouth for instructions prior to placing the entrance facility cable in the manhole. TCI is responsible for maintenance of the entrance facilities. At TCI's option, BellSouth will accommodate where technically feasible a microwave entrance facility pursuant to separately negotiated terms and conditions. BellSouth will permit interconnection of copper or coaxial cable if such interconnection is first approved by the Commission.

5.2.1 Dual Entrance. BellSouth will provide at least two interconnection points at each BellSouth 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 TCI 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 TCI's arrangement. The location of the serving manhole(s) will be determined at the reasonable and nondiscriminatory discretion of BellSouth. Where dual entrance is not available due to lack of capacity, BellSouth will so state in the Application Response. BellSouth shall not deny a collocation application solely for the reason that dual entrance facilities are not available.

5.2.2 Shared Use. TCI may utilize spare capacity on an existing Interconnector's entrance facility for the purpose of providing an entrance facility to another CLEC collocation arrangement within the same BellSouth Central Office. TCI must arrange with BellSouth for BellSouth to splice the spare entrance facility capacity to TCI-provided riser cable.

5.3 Splicing in the Entrance Manhole. Although not generally permitted, should TCI request a splice to occur in the entrance manhole(s), BellSouth, at its sole discretion, may grant such a request, provided that BellSouth will not unreasonably withhold approval of requests to make such a splice. When the request for a splice is granted to TCI by BellSouth, TCI 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 demarcation between TCI'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. TCI shall be responsible for providing, and TCI's BellSouth-Certified Vendor 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. TCI or its agent must perform all required maintenance to equipment/facilities on its side of the demarcation point, pursuant to subsection 5.5, following, and may self-provision cross-connects that may be required within the collocation space to activate service requests. For DS-1 and DS-3 cross connections, the demarcation point shall be on a DSX frame. For fiber cross connections, the demarcation point shall be on an LGX frame. TCI or its BellSouth Certified Vendor must perform all required maintenance to equipment/facilities on its side of the demarcation point, and may self-provision cross-connects that may be required within the collocation space to activate service requests.

5.5 TCI's Equipment and Facilities. TCI, or if required by this Attachment, TCI's BellSouth Certified Contractor, is solely responsible for the design, engineering, installation, testing, provisioning, performance, monitoring, maintenance and repair of the equipment and facilities used by TCI. 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 telecommunications services, unbundled network elements, and facilities, TCI may directly connect to other Interconnectors within the designated Premises (including to its other virtual or physical collocated arrangements) through facilities owned by TCI or through BellSouth facilities designated by TCI, at TCI's option. Such connections to other carriers may be made using either optical or electrical facilities. TCI 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 TCI requests a co-Carrier cross-connect after the initial installation, TCI must submit an application. The applicable nonrecurring fee in Exhibit A shall apply in lieu of any application fee. TCI must use a BellSouth Certified Contractor to place the co-Carrier cross connect, except in cases where TCI equipment and the equipment of the other interconnector are located within contiguous Collocation Spaces. In cases where TCI's equipment and the equipment of the other interconnector are located in contiguous Collocation Spaces, TCI will have the option to deploy the co-Carrier cross connects between the sets of equipment. Cable support charges shall be assessed per linear foot of support structure used. If TCI elects to have BellSouth provide the co-Carrier cross-connect, BellSouth shall perform the cross-connect function at the frame, and the charges for cross-connect shall apply. Within BellSouth Premises, at TCI's request, BellSouth will permit TCI and other such CLECs to construct their own cross-connect facilities, and to connect to other physical CLECs using copper (or ABAM or coaxial as appropriate) or optical

facilities between collocated equipment located within the same BellSouth Premises, subject only to the same reasonable safety requirements that BellSouth imposes on its own equipment. BellSouth shall provision co-Carrier cross connects to TCI at parity with itself. If requested by TCI and no cable rack is in place, BellSouth will provide the installation of the cable rack.

5.7 Easement 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 three (3) business days notice to TCI when access to the Collocation Space is required. TCI may elect to be present whenever BellSouth performs work in the Collocation Space. The Parties agree that TCI will not bear any of the expense associated with this work.

5.8.1 Access Keys. TCI must submit to BellSouth the completed Access Control Request Form (RF-2906A) for all employees or agents requiring access to the BellSouth Premises 30 calendar days prior to the date TCI desires access to the Collocation Space. BellSouth will provide keys or access cards within 30 days of receipt of the completed Access Control Request Form. TCI agrees to provide the name and social security number or name and date of birth (or driver's license number) of each employee, contractor, or agents 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. TCI agrees to be responsible for all Access Keys and for the return of all said Access Keys in the possession of TCI employees, contractors, Guests, or agents after termination of the employment relationship, contractual obligation with TCI or upon the termination of this Attachment or the termination of occupancy of an individual collocation arrangement.

5.8.2 Lost or Stolen Access Keys. TCI 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 as a result of a lost Access Key(s) or for failure to return an Access Key(s), TCI shall pay for all reasonable costs associated with the re-keying.

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.

BellSouth shall not treat equipment deployed by TCI as interfering with or impairing service provided by BellSouth or another interconnector solely on the basis that such equipment is of a different type that has not previously been utilized in a BellSouth Premise.

If BellSouth determines in a reasonable and nondiscriminatory manner that any equipment or facilities of TCI violates the provisions of this paragraph, BellSouth shall give written notice to TCI, which notice shall direct TCI to cure the violation within forty-eight (48) hours of TCI's actual receipt of written notice or, at a minimum, to commence curative measures within twenty-four (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. The Parties will act in good faith and in a cooperative manner to determine or isolate the source of the interference or impairment.

5.10 Personalty and its Removal. Subject to the requirements of this Attachment, TCI 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, imposes or could impose or contain or could contain environmental conditions or hazards. Personal property, facilities and equipment placed by TCI 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 TCI at any time. Any damage caused to the Collocation Space by TCI's employees, agents or representatives during the removal of such property shall be promptly repaired by TCI at its expense.

5.11 Alterations. In no case shall TCI or any person acting on behalf of TCI make any rearrangement, modification, improvement, addition, repair, or other alteration 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 TCI.

5.12 Janitorial Service. TCI shall be responsible for the general upkeep and cleaning of the Caged Collocation Space and if using a contractor, 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 Application for Space. TCI shall submit an application document when TCI or TCI's Guest(s), as defined in Section 3.3, requests Collocation Space, or modifies the use of the Collocation Space in a manner not reflected in its original Application.

6.1.1 Initial Application. For TCI's or TCI's Guest(s)' initial equipment placement, TCI shall submit to BellSouth a complete and accurate Physical Expanded Interconnection Application Document ("Application") together with payment of the Application Fee

as stated in Exhibit A. The Bona Fide Application shall contain a detailed description and schematic drawing of the equipment to be placed in TCI's Collocation Space(s) and an estimate of the amount of square footage required.

6.1.2 Subsequent Application Fee. In the event TCI or TCI's Guest(s) desires to modify the use of the Collocation Space in a manner not reflected in its original Application, TCI shall complete a Subsequent Application detailing all information regarding the modification to the Collocation Space together with payment of the Subsequent Application Fee as stated in Exhibit A. Said 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 TCI 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 TCI 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 TCI. 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 Subsequent Application Fee up to the full Application Fee Charge 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 TCI within 30 calendar days following TCI's receipt of a bill or invoice from BellSouth.

6.2 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 whether the Application is Bona Fide, and if it is not Bona Fide, the items necessary to cause the Application to become Bona Fide. Where space has been determined to be available, BellSouth will provide a response within 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 the Application Response sites extraordinary conditions, the Application Response shall set forth the extraordinary conditions. When BellSouth's response includes an amount of space less than that requested by TCI or differently configured, TCI must amend its application to reflect the actual space available prior to submitting a Bona Fide Firm Order.

6.2.1 Multiple Applications. When multiple applications submitted for a particular state are submitted within a fifteen (15) business day window, BellSouth will respond to the applications as soon as possible, but no later than the following: within thirty (30) business days for applications 1-5; within 36 business days for applications 6-10;

within 42 business days for applications 11-15. Should TCI submit 16 or more applications within 15 business days, the quotation interval will be increased by five (5) business days for every five (5) additional applications or fraction thereof. Any material revision to an application will be treated as a new application and will be subject to the time intervals set forth above. At BellSouth's option, TCI may negotiate a shorter interval for the return of price quotes than that set forth above by scheduling a meeting with BellSouth at least twenty (20) calendar days prior to submission of the first application to discuss, coordinate and prioritize TCI's applications.

6.3 Bona Fide Firm Order. TCI 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 TCI to complete the Application process described in Subsection 6.1, preceding, and submit the Expanded Interconnection Bona Fide Firm Order document indicating acceptance of the written application response provided by BellSouth ("Bona Fide Firm Order") and all appropriate fees. The Bona Fide Firm Order must be received by BellSouth no later than thirty (30) calendar days after BellSouth's response to TCI's Application. If TCI makes changes to its application in light of BellSouth's written Application Response, BellSouth may be required to re-evaluate and respond to the change(s).

6.3.1 BellSouth will establish a firm order date, per request, based upon the date BellSouth is in receipt of a Bona Fide Firm Order. BellSouth will acknowledge the receipt of TCI's Bona Fide Firm Order within five (5) business days of receipt indicating that the Bona Fide Firm Order has been received. BellSouth response to a Bona Fide Firm Order will include a Firm Order Confirmation containing the firm order date.

6.3.2 BellSouth will permit one accompanied site visit to TCI's designated collocation arrangement location after receipt of the Bona Fide Firm Order without charge to TCI.

6.3.3 Space preparation for the Collocation Space will not begin until BellSouth receives the Bona Fide Firm Order and all applicable fees.

6.3.4 Application Modifications. If a modification or revision is made to any information in the Bona Fide Application for Physical Collocation, with the exception of modifications to Customer Information, Contact Information or Billing Contact Information, either at the request of TCI 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 TCI's Bona Fide Application as a result of changes requested by TCI to TCI's original application, then BellSouth will charge TCI a fee based upon the additional engineering hours required to do the reassessment not to exceed the Application Fee. Major changes such as requesting additional space or adding additional equipment may require TCI to resubmit the application with an Application Fee. TCI may modify or revise Customer Information, Contact

Information or Billing Contact Information on a Bona Fide Application for Physical Collocation, without incurring additional expense or a longer Application Response interval.

6.3.5 After TCI has submitted its Bona Fide Firm Order and upon request by TCI, BellSouth shall provide sketch drawings of the size and location of TCI's enclosed Collocation Space at the Joint Planning Meeting.

6.4 Construction and Provisioning Intervals. The Parties will negotiate construction and provisioning intervals per request on an individual case basis but not to exceed the intervals set forth below. 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 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; major 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.

6.4.1 Joint Planning Meeting. Unless otherwise agreed to by the Parties, a joint planning meeting or other method of joint planning between BellSouth and TCI will commence within a maximum of 15 calendar days from BellSouth's receipt of a Bona Fide Firm Order and the payment of applicable 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 Application and affirmed in the Bona Fide Firm Order. The Collocation Space completion due date and the date on which BellSouth will deliver Access Customer Termination Location (ACTL) codes and CFA for facilities listed in the Application will be provided to TCI during the joint planning meeting or as soon as possible thereafter. BellSouth shall use best efforts to deliver ACTL codes and CFA prior to Space Acceptance. The delivery date for ACTL codes shall be no more than five (5) business days after Space Acceptance. BellSouth will complete all design work following the joint planning meeting.

6.4.2 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 7 business days of the completion of finalized construction designs and specifications.

6.4.3 Acceptance Walk Through. TCI and BellSouth will complete an acceptance walk through of each Collocation Space requested from BellSouth by TCI. BellSouth will correct any deviations to TCI's original or jointly amended requirements within five (5) business days after the walk through, unless the Parties jointly agree upon a different time frame.

6.5 Use of Certified Vendor. TCI shall select a vendor which has been approved as a BellSouth Certified Vendor to perform all engineering and installation work required in the Collocation Space, or utilize its own employees to perform such work provided that TCI has been certified by BellSouth to perform such work. In some cases, TCI must select separate BellSouth Certified Vendors for transmission equipment, switching equipment and power equipment. BellSouth shall provide TCI with a list of Certified Vendors and a statement of the criteria to qualify Certified Vendor, upon request. BellSouth shall not unreasonably withhold approval of any contractor proposed by TCI that meets the standard BellSouth criteria. The Certified Vendor(s) shall be responsible for installing TCI'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 TCI upon successful completion of installation. The Certified Vendor shall bill TCI directly for all work performed for TCI pursuant to this Attachment and BellSouth shall have no liability for nor responsibility to pay such charges imposed by the Certified Vendor. BellSouth shall consider certifying TCI or any vendor proposed by TCI.

6.6 Alarm and Monitoring. BellSouth shall place environmental alarms in the Central Office for the protection of BellSouth equipment and facilities. TCI shall be responsible for placement, monitoring and removal of environmental and equipment alarms used to service TCI's Collocation Space. Upon request, BellSouth will provide TCI with applicable tariffed service(s) to facilitate remote monitoring of collocated equipment by TCI. 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.

6.7 Basic Telephone Service. Upon request of TCI, 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.

6.8 Space Preparation. BellSouth shall pro-rate the costs of any renovation or upgrade to Central Office space or support mechanisms which is required to accommodate physical collocation. TCI's pro-rated share will be calculated by multiplying such cost by a percentage equal to the amount of square footage occupied by TCI divided by the total Central Office square footage receiving renovation or upgrade. For this section, support mechanisms provided by BellSouth may include, but not be limited to heating/ventilation/air conditioning (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. In cases of legitimate billing disputes, BellSouth will permit TCI to review contractor invoices with information redacted where necessary. BellSouth will reimburse TCI in an amount equal to TCI's reasonable, demonstrative and mitigated expenditures incurred as a direct result of delays to completion and turnover dates caused by BellSouth.

6.9 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, TCI may purchase 2-wire and 4-wire cross-connects as set forth in Exhibit A, and TCI 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, TCI 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 TCI, such information will be provided to TCI in BellSouth's written denial of physical collocation. To the extent that (i) physical Collocation Space becomes available to TCI within 180 calendar days of BellSouth's written denial of TCI's request for physical collocation, and (ii) TCI was not informed in the written denial that physical Collocation Space would become available within such 180 calendar days, then TCI 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. TCI 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. BellSouth will authorize the conversion of virtual collocation arrangements to physical collocation arrangements without requiring the relocation of the virtual arrangement where there are no extenuating circumstances or technical reasons that would cause the arrangement to become a safety hazard within the Premises or otherwise prevent it from being in conformance with the terms and conditions of this Attachment and where (1) there is no change to the arrangement; and (2) the conversion of the virtual arrangement would not cause the arrangement to be located in the area of the Premises reserved for BellSouth's forecast of future growth; and (3) due to the location of the virtual collocation arrangement, the conversion of said arrangement to a physical arrangement would not impact BellSouth's ability to secure its own facilities. Notwithstanding the foregoing, if the BellSouth Premises is at or nearing space exhaust, BellSouth may authorize the conversion of the virtual arrangement to a physical arrangement even though BellSouth could no longer secure its own facilities.

6.10 Cancellation. If at anytime TCI cancels its order for Collocation Space, TCI 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 TCI would have otherwise paid for work undertaken by BellSouth if no cancellation of the order had occurred. In accordance with the terms of its Agreement with the vendor, BellSouth will request that the vendor credit any charges for material that can be reapplied by the vendor and such charges shall not be deemed incurred by BellSouth.

6.11 Licenses. TCI, 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 (if any) or to occupy the Collocation Space.

6.12 Should any state or federal regulatory agency impose procedures or intervals applicable to TCI that are 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 that jurisdiction for all applications submitted for the first time after the effective date thereof.

## 7. Rates and Charges

7.1 Non-recurring Fees. In addition to the Application Fee referenced in Section 6, preceding, TCI 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 outstanding balance of the actual Space Preparation Fee shall be due thirty (30) calendar days following TCI'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 Subsection 7.4, when TCI requests a modification to the arrangement.

7.2 Documentation. 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, heat, air conditioning, ventilation and other allocated expenses associated with maintenance of the Central Office but does not include amperage necessary to power TCI's equipment. When the Collocation Space is enclosed, TCI shall pay floor space charges based upon the number of square feet so enclosed. When the Collocation Space is not enclosed, TCI 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 TCI's collocated equipment requires special cable racking, isolated grounding or other treatment which prevents placement within conventional equipment rack lineups, TCI 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 TCI first occupies the Collocation Space, whichever is sooner.

7.5 Power. BellSouth shall supply –48 Volt (-48V) DC power for TCI's Collocation Space within the central office premises and shall make available AC power at TCI's option for Adjacent Arrangement collocation.

7.5.1 Charges for -48V DC power will be assessed per ampere per month based upon the certified vendor engineered and installed power feed fused ampere capacity. Rates include redundant feeder fuse positions (A&B) and cable rack to TCI's equipment or space enclosure. When obtaining power from a BellSouth Battery Distribution Fuse Bay, fuses and power cables (A&B) must be engineered (sized), and installed by TCI's certified vendor. When obtaining power from a BellSouth Power Board, power cables (A&B) must be engineered (sized), and installed by TCI's certified power vendor. TCI's certified vendor must also provide a copy of the engineering power specification prior to the Commencement Date. In the event BellSouth shall be required to construct additional DC power plant or upgrade the existing DC power plant in a Central Office as a result of TCI's request to collocate in that Central Office ("Power Plant Construction"), TCI shall pay its pro-rata share of costs associated with the Power Plant Construction. The determination of whether Power Plant Construction is necessary shall be within BellSouth's sole, but reasonable, discretion. BellSouth shall comply with all BellCore (Telcordia) and ANSI Standards regarding power cabling, including BellCore (Telcordia) Network Equipment Building System (NEBS) StandardGR-63-CORE. BellSouth will notify TCI of the need for the Power Plant Construction and will estimate the costs associated with the Power Plant Construction if BellSouth were to perform the Power Plant Construction. The costs of power plant construction shall be pro-rated and shared among all who benefit from that construction. TCI shall pay BellSouth one-half of its pro-rata share of the estimated Power Plant Construction costs prior to commencement of the work. TCI shall pay BellSouth the balance due (actual cost less one-half of the estimated cost) within thirty (30) days of completion of the Power Plant Construction. TCI has the option to perform the Power Plant Construction itself; provided, however, that such work shall be performed by a BellSouth certified contractor and such contractor shall comply with BellSouth's guidelines and specifications. Where the Power Plant Construction results in construction of a new power plant room, upon termination of this Attachment TCI shall have the right to remove its equipment from the power

plant room, but shall otherwise leave the room intact. Where the Power Plant Construction results in an upgrade to BellSouth's existing power plant, upon termination of this Attachment, such upgrades shall become the property of BellSouth.

7.5.2 Charges for AC power will be assessed per breaker ampere per month based upon the certified vendor engineered and installed power feed fused ampere capacity. Rates include the provision of commercial and standby AC power. When obtaining power from a BellSouth Service Panel, fuses and power cables must be engineered (sized), and installed by TCI's certified vendor. TCI's certified vendor 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.

7.6 Security Escort. A security escort will be required whenever TCI or its approved agent desires access to the entrance manhole or must have access to the Central Offices Premises after the one accompanied site visit allowed pursuant to subsection 6.2.2 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 "trued-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 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, TCI shall pay the difference to BellSouth. If the Total Final Price is less than the Total Interim Price, BellSouth shall pay the difference to TCI. 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) days after receipt of the bill (payment due date). TCI will pay a late payment charge of the lessor of the legal rate or one and one half percent (1 ½%) assessed monthly on any balance which remain unpaid after the payment due date.

## 8. Insurance

8.1 TCI shall, at its sole cost and expense, procure, maintain, and keep in force insurance as specified in this Article and underwritten by insurance companies licensed to do business in the states applicable under this Agreement and having a BEST Insurance Rating of B ++ X (B ++ ten).

8.2 TCI 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 ALL applicable policies 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 TCI 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 Subsection 6.2 above may be increased by BellSouth from time to time during the term of this Agreement upon thirty (30) days notice to TCI 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 TCI 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 TCI's property has been removed from BellSouth's Premises, whichever period is longer. If TCI fails to maintain required coverage, BellSouth may pay the premiums thereon and seek reimbursement of same from TCI.

8.5 TCI shall submit certificates of insurance reflecting the coverage required pursuant to this Section a minimum of ten (10) 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. TCI shall forward a certificate of insurance and notice of cancellation to BellSouth at the following address:

BellSouth Telecommunications, Inc.
Attn.: Risk Management Coordinator

17H53 BellSouth Center
675 West Peachtree Street, NE
Atlanta, Georgia 30375

**9. Mechanics Liens**

9.1 If any mechanics lien or other liens shall be filed against property of either party (BellSouth or TCI), 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) 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 TCI's equipment and facilities in the Collocation Space(s) prior to the activation of facilities between TCI's equipment and equipment of BellSouth. BellSouth may conduct an inspection if TCI adds equipment and may otherwise conduct routine inspections at reasonable intervals mutually agreed upon by the Parties. BellSouth shall provide TCI 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 TCI will be permitted in the BellSouth Premises. TCI 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 TCI name. BellSouth reserves the right to remove from its premises any employee of TCI not possessing identification issued by TCI or who have violated any of BellSouth's policies as outlined in the CLEC Security Training documents. TCI shall be solely responsible for ensuring that any Guest of TCI is in compliance with all subsections of this Section 11.

11.1.1 TCI will be required, at its own expense, to conduct a statewide investigation of criminal history records for each TCI employee being considered for work on the BellSouth Central Office, for the states/counties where the TCI 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 TCI will be required to administer to its personnel assigned to the BellSouth Premises security training either provided by BellSquth or meeting criteria defined by BellSouth.

11.1.3 TCI shall not assign to the BellSouth Premises any personnel with records of felony criminal convictions. TCI 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 TCI personnel who have been identified to have misdemeanor criminal convictions. Notwithstanding the foregoing, in the even that TCI chooses not to advise BellSouth of the nature and gravity of any misdemeanor conviction, TCI 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 TCI employee requiring access to a BellSouth Premises pursuant to this Agreement, TCI 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, TCI will disclose the nature of the convictions to BellSouth at that time. In the alternative, TCI 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, TCI shall promptly remove from the BellSouth's Premises any employee of TCI 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 TCI 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. BellSouth reserves the right to interview TCI's employees, agents, or contractors. TCI and its contractors shall cooperate fully with BellSouth's investigation into allegations of wrongdoing or criminal conduct committed by or involving TCI's employees, agents, or contractors. Additionally, BellSouth reserves the right to bill TCI for all reasonable and nondiscriminatory costs associated with reasonable and nondiscriminatory investigations involving its employees, agents, or

contractors if it can be reasonably established that TCI's employees, agents, or contractors are responsible for the alleged act. BellSouth shall bill TCI for BellSouth property which is stolen or damaged where an investigation determines the culpability of TCI's employees, agents, or contractors. TCI shall notify BellSouth in writing immediately in the event that TCI discovers one of its employees already working on the BellSouth premises is a possible security risk. BellSouth reserves the right to permanently refuse access to its premises any employee of TCI identified as posing a security risk to BellSouth or any other CLEC, or having violated BellSouth policies set forth in the BellSouth CLEC Security Training. TCI shall hold BellSouth harmless for any damages resulting from such refusal of access.

11.3 Use of Supplies. Unauthorized use of telecommunications equipment or supplies by either Party, whether or not used routinely to provide telephone service (e.g. plug-in cards,) will be considered theft and will be handled accordingly. Costs associated with such unauthorized use of BellSouth property may be charged to TCI as may be all associated investigative costs.. At BellSouth's request, TCI shall promptly and permanently remove from BellSouth's Premises any employee of TCI found to be in violation of this rule.

11.4 Use of Official Lines by TCI Employees. Except for local calls necessary in the performance of their work, TCI employees shall not use the telephones on BellSouth Premises. Charges for unauthorized telephone calls made by TCI's employees may be charged to TCI as may be all associated investigative costs. At BellSouth's request, TCI shall promptly and permanently remove from BellSouth's Premises any employee of TCI found to be in violation of this rule. TCI will not be provided an official line; however, they may order such lines out of BellSouth's tariff.

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.

11.6 Access. TCI will have access to its collocated equipment twenty-four (24) hours a day, seven (7) days a week, without BellSouth requiring security escort. BellSouth will not repeatedly delay TCI's entry into a Premises or access to its collocated equipment. BellSouth will provide TCI with reasonable access to restroom facilities and parking.

## 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 TCI's permitted use hereunder, then either party may elect within ten (10) 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 TCI's permitted use, or is damaged or is rendered wholly unsuitable for TCI's permitted use and the option to terminate is not exercised by either party, BellSouth covenants and agrees to proceed promptly without expense to TCI, 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. TCI may, at its own expense, accelerate the rebuild of its collocated space and equipment provided however that a certified vendor is used and the necessary space preparation has been completed. Rebuild of equipment must be performed by a BellSouth Certified Vendor. If TCI's acceleration of the project increases the cost of the project, then those additional charges will be incurred by TCI. Where allowed and where practical, TCI may erect a temporary facility while BellSouth rebuilds or makes repairs. In all cases where the Collocation Space shall be rebuilt or repaired, TCI shall be entitled to an equitable abatement of rent and other charges, depending upon the unsuitability of the Collocation Space for TCI's permitted use, until such Collocation Space is fully repaired and restored and TCI's equipment installed therein (but in no event later than thirty (30) days after the Collocation Space is fully repaired and restored). Where TCI has placed an Adjacent Arrangement pursuant to section 3.4, TCI 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 TCI 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) days after such taking.

**14. Nonexclusivity**

14.1 TCI 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.

**15. Notice of Non-Emergency Work**

15.1 BellSouth shall provide TCI with written notice five (5) business days prior to those instances where BellSouth or its subcontractors may be performing non-emergency work that has a substantial likelihood of directly affecting the Collocation Space occupied by TCI, or that is directly related to circuits that support TCI equipment. BellSouth will inform TCI by telephone of emergency related activity that BellSouth or its subcontractors may be performing that has a substantial likelihood of directly affecting the Collocation Space occupied by TCI, or is directly related to circuits that support TCI equipment. Notification of any emergency related activity shall be made as soon as practicable after BellSouth learns that such emergency activity is necessary so that TCI can take any action required to monitor or protect its service.

**16. Trouble Status Reports**

16.1 The Parties are responsible for making best efforts to provide prompt verbal notification to each other of significant outages or operations problems which affect the Collocation Space or Premises, with an estimated clearing time for restoration, if known. In addition, each Party will provide written notification within 24 hours.

**17. Indemnification**

17.1 Notwithstanding the indemnification provisions set forth in Part A of General Terms and Conditions, for purposes of this Attachment 4, TCI shall indemnify and hold harmless BellSouth from any claim, loss, cost, expense or liability, of whatever nature, resulting from TCI's or TCI's employees', contractors', agents' or Guests' negligence, gross negligence, or willful misconduct or from TCI or TCI's employees', contractors', agents' or Guests' failure to comply with the provisions of this Agreement or from action BellSouth is permitted to take pursuant to this Agreement as a result of TCI or TCI's employees, contractors, agents or Guests failing to comply with any requirement of this Agreement.

# EXHIBIT A and Exhibit B

# EXHIBIT A: BELLSOUTH/TCI 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 **(Note 1)** | Per request | NA | $1,600.00 Minimum |
| | | | | |
| PE1BG | Space Preparation Fee **(Note 2)** | | | |
| | Mechanical / HVAC* | Per ton (one ton minimum) | | $2,400.00 |
| PE1BB | 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 |
| | | | | |
| | Space Enclosure **(Note 3)** | | | |
| PE1BW | 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 |
| | | | | |
| | Power | | | |
| PE1PL | -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 |
| | | | | |
| | Cross Connects **(Note 4)** | Per cross connect | | First/Add'l |
| PE1P2 | 2-wire | | $.28 | $30.76/$29.40 |
| PE1P4 | 4-wire | | $.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)** |
| | Cross Connects (continued) | Per cross connect | | First/Add'l |
| PE1F2 | 2-fiber | | $12.10 | $55.46/$39.18 |
| PE1F4 | 4-fiber | | $21.75 | $66.71/$50.43 |
| | | | | Disconnect Charges |
| | | | | First/Add'l |
| | 2-wire | | | $12.75/$11.38 |
| | 4-wire | | | $12.82/$11.39 |
| | DS-1 | | | $12.85/$11.50 |
| | DS-3 | | | $14.93/$11.76 |
| | 2-fiber | | | $16.83/$13.27 |
| | 4-fiber | | | $21.86/$18.31 |
| | | | | |
| | Co-Carrier Cross-Connect **(Note 5)** | | | |
| PE1ES Fiber | Fiber Cable Support Structure, existing * | Per linear ft. | $.003 | $540.00 |
| PE1DS Copper | Copper or Coaxial Cable Support Structure, existing* | Per linear ft. | $.004 | $540.00 |
| (TBD) | Cable Support Structure Construction, new | Per new construction | NA | ICB |
| | | | | |
| PE1AX | Security Access System Security System* | Per central office | $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 *Prior to 6/1/99* | Per cross connect | | |
| PE1PE | 2-Wire Cross-Connect | | $0.08 | NA |
| PE1PF | 4-Wire Cross-Connect | | $0.17 | NA |
| PE1PG | DS1 Cross-Connect | | $0.69 | NA |
| PE1PH | DS3 Cross-Connect | | $4.74 | NA |
| PE1B2 | 2-Fiber Cross-Connect | | $32.02 | NA |
| PE1B4 | 4-Fiber Cross-Connect | | $40.48 | 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, TCI 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 TCI opts for non-enclosed space, the space preparation fee will be assessed based on the total floor space dedicated to TCI 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. TCI 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 TCI for the space enclosure, and this fee shall not be applicable.

## EXHIBIT A: BELLSOUTH/TCI 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.

| | First / Additional | Disconnect Charges 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, TCI 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 TCI-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, TCI agrees not to make changes to collocation arrangement after a Bona Fide Firm Order is submitted.

# EXHIBIT A: BELLSOUTH/TCI 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 **(Note 1)** | Per request | NA | $1,600.00 Minimum |
| | | | | |
| PE1BG | Space Preparation Fee **(Note 2)** | | | |
| | Mechanical / HVAC* | Per ton (one ton minimum) | | $2,400.00 |
| PE1BB | 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 |
| | | | | |
| | Space Enclosure **(Note 3)** | | | |
| PE1BW | 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 |
| | | | | |
| | Power | | | |
| PE1PL | -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 |
| | | | | |
| | Cross Connects **(Note 4)** | Per cross connect | | |
| PE1P2 | 2-wire | | $.0524 | $11.57 |
| PE1P4 | 4-wire | | $.0524 | $11.57 |

| FLORIDA (continued) | | | | |
|---|---|---|---|---|
| **USOC** | **Rate Element Description** | **Unit** | **Recurring Rate (RC)** | **Non-Recurring Rate (NRC)** |
| | Cross Connects (continued) | Per cross connect | | |
| PE11S | DS-1/DCS | | $8.085 | $69.64 |
| PE1P1 | DS-1/DSX | | $.4110 | $69.64 |
| PE13S | DS-3/DCS | | $56.97 | $528.00 |
| PE13X | DS-3/DSX | | $10.06 | $528.00 |
| PE1F2 | Optical Cross Connects | | $6.46 | $2,431.00 |
| | | | | |
| | Co-Carrier Cross-Connect **(Note 5)** | | | |
| PE1ES Fiber | Fiber Cable Support Structure, existing * | Per linear ft. | $.003 | $540.00 |
| PE1DS Copper | Copper or Coaxial Cable Support Structure, existing* | Per linear ft. | $.004 | $540.00 |
| (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 **(Note 6)** | | NA | NA |
| | | | | |
| AEH | Additional Engineering Fee **(Note 7)** | 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 ¼ hour | | |
| PE1BT | Basic Time | | NA | $10.89 |
| PE1OT | Overtime | | NA | $13.64 |
| PE1PT | Premium Time | | NA | $16.40 |

## EXHIBIT A: BELLSOUTH/TCI 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, TCI 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. TCI 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 TCI 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:

| Cross Connects | Per Cross Connect | RC | NRC |
|---|---|---|---|
| 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: BELLSOUTH/TCI RATES – FLORIDA
## PHYSICAL COLLOCATION (continued)

(5) **Co-Carrier Cross-Connect**. As stated in Section 5 of the Collocation Attachment, TCI 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 TCI 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 TCI-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, TCI agrees not to make changes to collocation arrangement after a Bona Fide Firm Order is submitted.

# EXHIBIT A: BELLSOUTH/TCI 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 (**Note 1**) | Per request | NA | $1,600.00 Minimum |
| | | | | |
| PE1BG | Space Preparation Fee (**Note 2**) | Per sq. ft. | NA | $100.00 |
| | | | | |
| | Space Enclosure (**Note 3**) | | | |
| PE1BW | Welded Wire-mesh | Per first 100 sq. ft. | $170.64 | NA |
| PE1CW | Welded Wire-mesh | Per add'l 50 sq. ft. | $17.33 | NA |
| | | | | |
| | Floor Space | | | |
| PE1PJ | 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 |
| | | | | |
| | Power | | | |
| PE1PL | -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 |
| | | | | |
| | Cross Connects | Per cross connect | | First/Add'l |
| PE1P2 | 2-wire | | $0.30 | $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 |
| | Co-Carrier Cross-Connect (Note 4) | | | |
| PE1ES Fiber | Fiber Cable Support Structure, existing * | Per linear ft. | $.003 | $540.00 |
| PE1DS Copper | Copper or Coaxial Cable Support Structure, existing* | Per linear ft. | $.004 | $540.00 |
| (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 | |
| | 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 *Prior to 6/1/99* | Per cross-connect | | |
| PE1PE | 2-Wire 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 **(Note 5)** | 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 | $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, TCI will be assessed the full Application Fee for all subsequent activity for completed arrangements.

## EXHIBIT A: BELLSOUTH/TCI 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 TCI opts for non-enclosed space, the space preparation fee will be assessed based on the total floor space dedicated to TCI 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. TCI 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 TCI 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, TCI 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 TCI-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, TCI agrees not to make changes to collocation arrangement after a Bona Fide Firm Order is submitted.

# EXHIBIT A: BELLSOUTH/TCI 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 (**Note 1**) | Per request | NA | $1,600.00 Minimum |
| | | | | |
| PE1BG | Space Preparation Fee (**Note 2**) | | | |
| | Mechanical / HVAC* | Per ton (one ton minimum) | | $2,400.00 |
| PE1BB | 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 |
| | | | | |
| | Space Enclosure (**Note 3**) | | | |
| PE1BW | 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 |
| | | | | |
| | Power | | | |
| PE1PL | -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 |
| | | | | |
| | Cross Connects | Per cross connect | | First/Add'l |
| PE1P2 | 2-wire | | $0.31 | $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 |

| KENTUCKY (continued) | | | | |
|---|---|---|---|---|
| **USOC** | **Rate Element Description** | **Unit** | **Recurring Rate (RC)** | **Non-Recurring Rate (NRC)** |
| | Co-Carrier Cross-Connect **(Note 4)** | | | |
| PE1ES Fiber | Fiber Cable Support Structure, existing * | Per linear ft. | $.003 | $540.00 |
| PE1DS Copper | Copper or Coaxial Cable Support Structure, existing* | Per linear ft. | $.004 | $540.00 |
| (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 *Prior to 6/1/99* | Per cross-connect | | |
| PE1PE | 2-Wire Cross-Connect | | $0.06 | NA |
| PE1PF | 4-Wire Cross-Connect | | $0.15 | NA |
| PE1PG | DS1 Cross-Connect | | $0.58 | NA |
| PE1PH | DS3 Cross-Connect | | $4.51 | NA |
| PE1B2 | 2 Fiber Cross-Connect | | $38.79 | NA |
| PE1B4 | 4 Fiber Cross-Connect | | $52.31 | NA |
| | | | | |
| | Security Escort | Per half hr./Add'l half hr. | | |
| PE1BT | Basic Time | | NA | $56.09/$31.99 |
| PE1OT | Overtime | | NA | $67.75/$39.00 |
| PE1PT | Premium Time | | NA | $79.41/$46.01 |
| | | | | |
| AEH | Additional Engineering Fee **(Note 5)** | 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/TCI 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, TCI 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 TCI opts for non-enclosed space, the space preparation fee will be assessed based on the total floor space dedicated to TCI 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. TCI 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 TCI 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, TCI 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/TCI RATES – KENTUCKY PHYSICAL COLLOCATION (continued)

(5) **Additional Engineering Fee**: BellSouth's additional engineering, and other labor costs associated with handling TCI-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, TCI agrees not to make changes to collocation arrangement after a Bona Fide Firm Order is submitted.

# EXHIBIT A: BELLSOUTH/TCI 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 **(Note 1)** | Per request | NA | $1,600.00 Minimum |
| | | | | |
| PE1BG | Space Preparation Fee **(Note 2)** | | | |
| | Mechanical / HVAC* | Per ton (one ton minimum) | | $2,400.00 |
| PE1BB | 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 |
| | | | | |
| | Space Enclosure **(Note 3)** | | | |
| PE1BW | 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 |
| | | | | |
| | Power | | | |
| PE1PL | -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 |
| | | | | |
| | Cross Connects **(Note 4)** | Per cross connect | | First/Add'l |
| PE1P2 | 2-wire | | $0.26 | $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)** |
| | Cross Connects (continued) | Per cross connect | | First/Add'l |
| PE1F2 | 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 |
| | | | | |
| | Co-Carrier Cross-Connect **(Note 5)** | | | |
| PE1ES Fiber | Fiber Cable Support Structure, existing * | Per linear ft. | $.003 | $540.00 |
| PE1DS Copper | Copper or Coaxial Cable Support Structure, existing* | Per linear ft. | $.004 | $540.00 |
| (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 *Prior to 6/1/99* | 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 **(Note 6)** | 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, TCI 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 TCI opts for non-enclosed space, the space preparation fee will be assessed based on the total floor space dedicated to TCI 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. TCI 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 TCI for the space enclosure, and this fee shall not be applicable.

## EXHIBIT A: BELLSOUTH/TCI 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, TCI 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 TCI-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, TCI agrees not to make changes to collocation arrangement after a Bona Fide Firm Order is submitted.

# EXHIBIT A: BELLSOUTH/TCI 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<br>Disconnect Charge<br>$1.70 |
| | | | | |
| PE1CA | Subsequent Application Fee **(Note 1)** | Per request | NA | $1,600.00<br>Minimum |
| | | | | |
| PE1BG | Space Preparation Fee **(Note 2)** | | | |
| | Mechanical / HVAC* | Per ton (one ton minimum) | | $2,400.00 |
| PE1SBB | 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 |
| | | | | |
| | Space Enclosure **(Note 3)** | | | |
| PE1BW | 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<br>Disconnection charge $53.24 |
| | | | | |
| PE1PM | Cable Support Structure | Per entrance cable | $22.90 | NA |
| | | | | |
| | Power | | | |
| PE1PL | -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 |
| | | | | |
| | Cross Connects **(Note 4)** | Per cross connect | | First/Add'l |
| PE1P2 | 2-wire | | $.3996 | $30.93/$29.59 |
| PE1P4 | 4-wire | | $.7992 | $31.17/$29.77 |

| MISSISSIPPI (continued) | | | | |
|---|---|---|---|---|
| **USOC** | **Rate Element Description** | **Unit** | **Recurring Rate (RC)** | **Non-Recurring Rate (NRC)** |
| | Cross Connects (continued) | Per cross connect | | First/Add'l |
| PE1P1 | 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 |
| | | | | |
| | Co-Carrier Cross-Connect **(Note 5)** | | | |
| PE1ES Fiber | Fiber Cable Support Structure, existing* | Per linear ft. | $.003 | $540.00 |
| PE1DS Copper | Copper or Coaxial Cable Support Structure, existing* | Per linear ft. | $.004 | $540.00 |
| (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 *Prior to 6/1/99* | Per cross-connect | | |
| 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 **(Note 6)** | 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, TCI 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 TCI opts for non-enclosed space, the space preparation fee will be assessed based on the total floor space dedicated to TCI 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. TCI 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 TCI for the space enclosure, and this fee shall not be applicable.

## EXHIBIT A: BELLSOUTH/TCI 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, TCI 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 TCI-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, TCI agrees not to make changes to collocation arrangement after a Bona Fide Firm Order is submitted.

# EXHIBIT A: BELLSOUTH/TCI RATES – NORTH 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 | $3,850.00 |
| | | | | |
| PE1CA | Subsequent Application Fee **(Note 1)** | Per request | NA | $1,600.00 Minimum |
| | | | | |
| | Space Preparation Fee | | | |
| | Central Office Modification | Per sq. ft. | $1.57 | |
| | Common Systems Modification – Cageless | Per sq. ft. | $3.26 | |
| | Common Systems Modification – Caged | Per cage | $110.79 | |
| | Power | Per nominal –48v DC Amp | $5.76 | |
| | | | | |
| | Space Enclosure **(Note 2)** | | | |
| PE1BW | Welded Wire-mesh | Per first 100 sq. ft. | $102.76 | NA |
| PE1CW | Welded Wire-mesh | Per add'l 50 sq. ft. | $10.44 | NA |
| | | | | |
| PE1PJ | Floor Space | Per sq. ft. | $3.45 | NA |
| | | | | |
| PE1BD | Cable Installation | Per cable | NA | $2,305.00 |
| | | | | |
| PE1PM | Cable Support Structure | Per entrance cable | $21.33 | NA |
| | | | | |
| | Power | | | |
| PE1PL | -48V DC Power | Per amp | $6.65 | 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 |
| | | | | |
| | Cross Connects **(Note 3)** | Per cross connect | | First/Add'l |
| PE1P2 | 2-wire | | $0.32 | $41.78/$39.23 |
| PE1P4 | 4-wire | | $0.64 | $41.91/$39.25 |
| PE1P1 | DS-1 | | $2.34 | $71.02/$51.08 |
| PE1P3 | DS-3 | | $42.84 | $69.84/$49.43 |
| 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)** |
| | Co-Carrier Cross-Connect **(Note 4)** | | | |
| PE1ES Fiber | Fiber Cable Support Structure, existing* | Per linear ft. | $.003 | $540.00 |
| PE1DS Copper | Copper or Coaxial Cable Support Structure, existing* | Per linear ft. | $.004 | $540.00 |
| (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 *Prior to 6/1/99* | Per cross-connect | | |
| PE1PE | 2-Wire Cross-Connect | | $0.10 | NA |
| PE1PF | 4-Wire Cross-Connect | | $0.19 | NA |
| PE1PG | DS1 Cross-Connect | | $0.79 | NA |
| PE1PH | DS3 Cross-Connect | | $4.85 | NA |
| PE1B2 | 2 Fiber Cross-Connect | | $39.67 | NA |
| PE1B4 | 4 Fiber Cross-Connect | | $53.49 | NA |
| | | | | |
| | Security Escort | Per half hr./Add'l half hr. | | |
| PE1BT | Basic Time | | NA | $42.92/$25.56 |
| PE1OT | Overtime | | NA | $54.51/$32.44 |
| PE1PT | Premium Time | | NA | $66.10/$39.32 |
| | | | | |
| AEH | Additional Engineering Fee **(Note 5)** | 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/TCI 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, TCI will be assessed the full Application Fee for all subsequent activity for completed arrangements.

(2) **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. TCI 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 TCI for the space enclosure, and this fee shall not be applicable.

In North Carolina, space preparation fees consist of monthly recurring charges for Central Office Modifications, assessed per arrangement, per square foot; Common Systems Modifications, assessed per arrangement, per square foot for cageless and per cage for caged collocation; and Power, assessed per the nominal –48V DC ampere requirements specified by TCI on the Bona Fide Application. The space preparation charges apply beginning on the date on which BellSouth releases the Collocation Space for occupancy or on the date TCI first occupies the Collocation Space, whichever is sooner. The charges recover the costs associated with preparing the Collocation Space, which includes survey, engineering of the Collocation Space, design and modification costs for network, building and support systems. Additional engineering charges may apply as described in Exhibit A. In the event TCI opts for cageless space, the space preparation fees will be assessed based on the total floor space dedicated to TCI.

(3) **Cross Connect:** 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 |
|---|---|
| 2-wire | $46.53/$43.98 |
| 4-wire | $46.64/$43.98 |
| DS-1 | $75.72/$55.78 |

DS-3 $74.54/$54.13

(4) **Co-Carrier Cross-Connect**. As stated in Section 5 of the Collocation Attachment, TCI 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/TCI RATES – NORTH CAROLINA PHYSICAL COLLOCATION (continued)

(5) **Additional Engineering Fee**: BellSouth's additional engineering, and other labor costs associated with handling TCI-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, TCI agrees not to make changes to collocation arrangement after a Bona Fide Firm Order is submitted.

# EXHIBIT A: BELLSOUTH/TCI 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 (**Note 1**) | Per request | NA | $1,600.00 Minimum |
| | | | | |
| PE1BG | Space Preparation Fee (**Note 2**) Mechanical / HVAC* | Per ton (one ton minimum) | | $2,400.00 |
| PE1BB | 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 |
| | | | | |
| | Space Enclosure (**Note 3**) | | | |
| PE1BW | 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 |
| | | | | |
| | Power | | | |
| PE1PL | -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 |
| | | | | |
| | Cross Connects (**Note 4**) | Per cross connect | | First/Add'l |
| PE1P2 | 2-wire | | $.3648 | $41.50/$38.94 |
| PE1P4 | 4-wire | | $.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 |

| SOUTH CAROLINA (continued) | | | | |
|---|---|---|---|---|
| **USOC** | **Rate Element Description** | **Unit** | **Recurring Rate (RC)** | **Non-Recurring Rate (NRC)** |
| | Co-Carrier Cross-Connect **(Note 5)** | | | |
| PE1ES Fiber | Fiber Cable Support Structure, existing* | Per linear ft. | $.003 | $540.00 |
| PE1DS Copper | Copper or Coaxial Cable Support Structure, existing* | Per linear ft. | $.004 | $540.00 |
| (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 *Prior to 6/1/99* | Per cross-connect | | |
| PE1PE | 2-Wire Cross-Connect | | $0.1091 | NA |
| PE1PF | 4-Wire Cross-Connect | | $0.2181 | NA |
| PE1PG | DS1 Cross-Connect | | $0.9004 | NA |
| PE1PH | DS3 Cross-Connect | | $5.64 | NA |
| PE1B2 | 2 Fiber Cross-Connect | | $37.36 | NA |
| PE1B4 | 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 **(Note 6)** | 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/TCI 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, TCI 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 TCI opts for non-enclosed space, the space preparation fee will be assessed based on the total floor space dedicated to TCI 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. TCI 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 TCI 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.

| | First / Additional |
|---|---|
| 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: BELLSOUTH/TCI RATES – SOUTH CAROLINA PHYSICAL COLLOCATION (continued)

(5) **Co-Carrier Cross-Connect**. As stated in Section 5 of the Collocation Attachment, TCI 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 TCI-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, TCI agrees not to make changes to collocation arrangement after a Bona Fide Firm Order is submitted.

# EXHIBIT A: BELLSOUTH/TCI 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 **(Note 1)** | Per request | NA | $1,600.00 Minimum |
| | | | | |
| PE1BG | Space Preparation Fee **(Note 2)** | | | |
| | Mechanical / HVAC* | Per ton (one ton minimum) | | $2,400.00 |
| PE1BB | 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 |
| | | | | |
| | Space Enclosure **(Note 3)** | | | |
| PE1BW | 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 |
| | | | | |
| | Power | | | |
| PE1PL | -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 |
| | | | | |
| | Cross Connects | Per cross connect | | First/Add'l |
| PE1P2 | 2-wire | | $0.30 | $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)** |
| | Co-Carrier Cross-Connect **(Note 4)** | | | |
| PE1ES Fiber | Fiber Cable Support Structure, existing* | Per linear ft. | $.003 | $540.00 |
| PE1DS Copper | Copper or Coaxial Cable Support Structure, existing* | Per linear ft. | $.004 | $540.00 |
| (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 *Prior to 6/1/99* | Per cross-connect | | |
| PE1PE | 2-Wire 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 |
| | | | | |
| | Security Escort | Per half hr./Add'l half hr. | | |
| PE1BT | Basic Time | | NA | $41.00/$25.00 |
| PE1OT | Overtime | | NA | $48.00/$30.00 |
| PE1PT | Premium Time | | NA | $55.00/$35.00 |
| | | | | |
| AEH | Additional Engineering Fee **(Note 5)** | 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/TCI 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, TCI 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 TCI opts for non-enclosed space, the space preparation fee will be assessed based on the total floor space dedicated to TCI 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. TCI 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 TCI 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, TCI 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/TCI RATES – TENNESSEE PHYSICAL COLLOCATION (continued)

(5) **Additional Engineering Fee**: BellSouth's additional engineering, and other labor costs associated with handling TCI-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, TCI agrees not to make changes to collocation arrangement after a Bona Fide Firm Order is submitted.

**EXHIBIT B**


## 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 TCI 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 TCI 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. TCI should contact 1-800-743-6737 for BellSouth MSDS sheets.

1.3 Practices/Procedures. BellSouth may make available additional environmental control procedures for TCI 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. TCI 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 TCI space with proper notification. BellSouth reserves the right to stop any TCI 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 TCI are owned by TCI. TCI 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 TCI or different hazardous materials used by TCI at BellSouth Facility. TCI 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 TCI to BellSouth.

1.7 Coordinated Environmental Plans and Permits. BellSouth and TCI 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 TCI will develop a cost sharing procedure. If BellSouth's permit or EPA identification number must be used, TCI 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 TCI 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, TCI 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. TCI further agrees to cooperate with BellSouth to ensure that TCI'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 TCI, its employees, agents and/or subcontractors.

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

| ENVIRONMENTAL CATEGORIES | ENVIRONMENTAL ISSUES | ADDRESSED BY THE FOLLOWING DOCUMENTATION |
|---|---|---|
| Disposal of hazardous material or other regulated material (e.g., batteries, fluorescent tubes, solvents & cleaning materials) | Compliance with all applicable local, state, & federal laws and regulations<br><br>Pollution liability insurance<br><br>EVET approval of contractor | • Std T&C 450<br>• Fact Sheet Series 17000<br><br>• Std T&C 660-3<br><br>• Approved Environmental Vendor List (Contact E/S Management) |
| Emergency response | Hazmat/waste release/spill firesafety emergency | • Fact Sheet Series 1700<br>• Building Emergency Operations Plan (EOP) (specific to and located on Premises) |
| Contract labor/outsourcing for services with environmental implications to be performed on BellSouth Premises (e.g., disposition of hazardous material/waste; maintenance of storage tanks) | Compliance with all applicable local, state, & federal laws and regulations<br><br>Performance of services in accordance with BST's environmental M&Ps<br><br>Insurance | • Std T&C 450<br><br>• Std T&C 450-B<br>• (Contact E/S for copy of appropriate E/S M&Ps.)<br><br>• Std T&C 660 |
| Transportation of hazardous material | Compliance with all applicable local, state, & federal laws and regulations<br><br>Pollution liability insurance<br><br>EVET approval of contractor | • Std T&C 450<br>• Fact Sheet Series 17000<br><br>• Std T&C 660-3<br><br>• Approved Environmental Vendor List (Contact E/S Management) |
| Maintenance/operations work which may produce a waste<br><br>Other maintenance work | Compliance with all application local, state, & federal laws and regulations<br><br>Protection of BST employees and equipment | • Std T&C 450<br><br>• 29CFR 1910.147 (OSHA Standard)<br>• 29CFR 1910 Subpart O (OSHA Standard) |
| Janitorial services | All waste removal and disposal | • P&SM Manager - |

| | | |
|---|---|---|
| | must conform to all applicable federal, state and local regulations<br><br>All Hazardous Material and Waste<br><br>Asbestos notification and protection of employees and equipment | Procurement<br><br>• Fact Sheet Series 17000<br><br>• GU-BTEN-001BT, Chapter 3<br>• BSP 010-170-001BS (Hazcom) |
| Manhole cleaning | Compliance with all applicable local, state, & federal laws and regulations<br><br>Pollution liability insurance<br><br>EVET approval of contractor | • Std T&C 450<br>• Fact Sheet 14050<br>• BSP 620-145-011PR Issue A, August 1996<br><br>• Std T&C 660-3<br><br>• Approved Environmental Vendor List (Contact E/S Management) |
| 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

E/S – Environmental/Safety

EVET - Environmental Vendor Evaluation Team

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

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

NESC - National Electrical Safety Codes

P&SM - Property & Services Management

Std. T&C - Standard Terms & Conditions

# Attachment 5

# Access to Numbers
# and
# Number Portability

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# ACCESS TO NUMBERS and NUMBER PORTABILITY

## 1. Non-Discriminatory Access to Telephone Numbers

1.1 Nothing in this Agreement shall be construed to limit or otherwise adversely affect in any manner either Party's right to employ, or to request and be assigned, any Central Office (NXX) Codes pursuant to the Central Office Code Assignment Guidelines, as may be amended from time to time, or to establish, by Tariff or otherwise, Rate Center and Rating Points corresponding to such NXX Codes.

1.2 During the term of this Agreement, the Parties shall contact the applicable numbering resource administrator as determined by the FCC, for the assignment of numbering resources. In order to be assigned a Central Office Code, TCI 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).

1.3 For the purposes of the resale of BellSouth's telecommunications services by TCI, BellSouth will provide TCI 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 nine (9) days.

1.4 Further, upon TCI's request and for the purposes of the resale of BellSouth's telecommunications services by TCI , BellSouth will reserve up to 100 telephone numbers per Common Language Location Identifier Code (CLLIC), for TCI 's sole use. Such telephone number reservations shall be transmitted to TCI via electronic file transfer. Such reservations shall be valid for ninety (90) days from the reservation date. TCI 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 TCI 's reasonable need in that particular CLLIC.

## 2. Local Number Portability

2.1 The Parties shall provide local number portability on a reciprocal basis to each other to the extent technically feasible, and in accordance with the applicable rules and regulations as prescribed from time to time by the FCC and/or the Commission.

2.2 Permanent Number Portability

2.2.1 Deployment of LNP. Local Number Portability ("LNP") is a permanent number portability solution that allows End Users to keep their existing Telephone Line Numbers ("TLNs") when switching LECs. The Parties

shall implement and deploy the Location Routing Number ("LRN") solution for LNP in accordance with orders, rulings and policies regarding LNP issued by the FCC and the applicable State Commissions, including, without limitation, the FCC prescribed permanent LNP geographic deployment schedules.

2.2.2 Description of LNP. LNP uses the industry standard LRN that assigns a unique 10-digit number to each Wire Center. To support LNP, LRN data is stored, and LNP services are provisioned on Advanced Intelligent Network ("AIN") elements that replace the dialed TLN with the LRN so that LNP calls can be routed to the proper Wire Center for connection to the dialed party. To obtain the LRN data and properly provision LNP services, carriers must be connected to independently operated Regional Number Portability Administration Centers ("NPACs"), which will manage LNP services and provide LNP call routing data to carriers.

2.2.3 Once LNP is implemented, either Party may withdraw its Interim Number Portability ("INP") offerings (as described in Section 2.8 hereafter), subject to (i) provision of reasonable advance notice to the other Party; and (ii) coordination to allow the seamless and transparent conversion of INP Customers to LNP.

2.2.4 End User Line Charge. Recovery of charges associated with implementing Number Portability through a monthly charge assessed to end users has been authorized by the FCC. This end user line charge will be as filed in the BellSouth FCC No. 1 Tariff and will be billed to TCI where TCI is a subscriber to local switching or where TCI is a reseller of BellSouth telecommunications services. This charge will not be discounted.

2.3 Interim Number Portability

2.3.1 Service Provider Number Portability

2.3.1.1 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 Rate Center for his Local Exchange Service.

2.3.1.2 SPNP is available through either remote call forwarding or direct inward dialing trunks, at the election of TCI . 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 TCI switch that serves the subscriber. 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.

2.3.1.3 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.

2.3.1.4 SPNP is available only where TCI 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 TCI 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.

2.3.1.5 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 the Commission filed TCI or BellSouth Local Exchange Tariff(s) of the Party porting the SPNP-RCF telephone number. The forwarded-to number shall be specified by the TCI 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. Additional call paths for the forwarding of multiple simultaneous calls are available on a per path basis at separate rates in addition to the rates for SPNP-RCF.

2.3.1.6 SPNP-DID service, as contemplated by this Agreement, provides trunk side access to End Office switches for direct inward dialing to the other company's premises equipment from the telecommunications network to lines associated with the other company'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 Attachment 2. 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 company 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. 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.

2.3.1.7 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 TCI 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 company may request that the other block collect and third company non-sent paid calls to the SPNP-assigned telephone number. If a company does not request blocking, the other company will provide itemized local usage data 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 company 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. TCI usage originated elsewhere and delivered via CMDS to the sending BellSouth RAO shall be provided in rated format.

2.3.1.8 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 company will likely impair or is impairing, or interfering with any equipment, facility or service or any of its end users, that company may either refuse to provide SPNP service or may terminate SPNP service to the other Party after providing appropriate notice.

2.3.1.9 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.

2.3.1.10 Each Party shall be the other Party's single point of contact for all repair calls on behalf of each company's end user. Each Party reserves the right to contact the other company's customers if deemed necessary for maintenance purposes.

2.3.1.11 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 company obsolete or renders necessary modification of the other Party's equipment.

2.3.1.12 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 and a pro rata portion of the transport, and the other Party will bill the IXC local switching, the carrier common line (CCL), the Interconnection Charge 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 company at the tandem company's tariffed rates and remit the local switching, the Interconnection Charge, a pro rata portion of transport and CCL revenues to 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. 2.3.1.13 If, through a final and effective order, the Federal Communications Commission ("FCC") issues regulations pursuant to 47 U.S.C. § 251 to require number portability different than that provided pursuant to this section, BellSouth will comply with that order.

2.3.1.13 Charges for INP shall be as specified in Exhibit A, provided that interim rates will be replaced or trued-up in accordance with regulatory requirements.

2.4 INP Requirements

2.4.1 Either Party will exchange with the other SS7 TCAP messages as required for the implementation of Customer Local Area Signaling Services (CLASS) or other features available. 2.4.2 Either Party shall notify the other of any technical or capacity limitations that would prevent use of a requested INP implementation in a particular End Office or Wire Center.

2.4.2 Either Party shall pass all Calling Party Number ("CPN") or Automatic Number Identification ("ANI") information to and from the ported number, whenever technically feasible.

2.4.3 Unless approved by TCI, BellSouth agrees not to issue Telephone Line Number ("TLN") based calling card numbers to End Users that port their numbers to TCI.

2.4.4 BellSouth and TCI shall cooperate in resolving all service calls involving the other Party's service, to avoid unnecessary service outages.

2.5 Number Portability Through NXX Migration

2.5.1 If the Parties mutually agree to use Local Exchange Routing Guide ("LERG") reassignment as the method to move an End User's telephone numbers from one Party's switch to the other Party's switch in a particular instance, the Parties shall enter into a separate written agreement that must address terms and conditions of the reassignment, including, but not limited to, ordering processes and specific implementation procedures for the reassignment of the appropriate NXX as shown in the LERG, to the new service providers switch, and any applicable rates.

## 3. Transition to Permanent Number Portability

Once a long-term database method of providing Local Number Portability (LNP) is implemented in an end office pursuant to Federal Communications Commission or State commission orders, rules or regulations, with advance written notice, both Parties must withdraw its Interim Number Portability (INP) offerings. The transition from existing INP arrangements to LNP shall occur within one hundred twenty (120) days from the date LNP is implemented in the end office serving the telephone number. Neither Party shall charge the other Party for conversion from INP to LNP. The Parties shall comply with any INP/LNP transition processes established by the FCC and State commissions and appropriate industry number portability work groups.

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.

## 4. True-up

**This section applies only to Tennessee.**

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

4.1 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.

4.2. 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, so long as they file the resulting Agreement with the Commission as a "negotiated Agreement" under Section 252(e) of the Act.

4.3. 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 TCI 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.

## 5. Operational Support System (OSS) Rates

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

| | |
|---|---|
| LENS | Local Exchange Navigation System |
| EDI | Electronic Data Interface |
| EDI-PC | Electronic Data Interface – Personal Computer |
| TAG | Telecommunications Access Gateway |

LSRs submitted by means of one of these interactive interfaces will incur an OSS electronic ordering charge as specified in the table below. An individual LSR will be identified for billing purposes by its Purchase Order Number (PON). LSRs submitted by means other than one of these interactive interfaces (mail, fax, courier, etc.) will incur a manual order charge as specified in the table below:

| *OPERATIONAL SUPPORT SYSTEMS* | 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<br><br>SOMEC | $3.50<br><br>SOMEC |
| Incremental charge per LSR received from the CLEC by means other than one of the OSS interactive interfaces | See applicable rate element | $19.99<br><br>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 TCI 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**

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

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 TCI 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.

In calculating the percentages above, all orders submitted via BellSouth's mechanized LSR systems (LENS, EDI, EDI-PC, and TAG) will count as mechanized LSRs, regardless of whether an order falls out of the mechanized process or requires manual intervention in order to be properly completed and processed.

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/TCI RATES**
**SERVICE PROVIDER**
**NUMBER PORTABILITY**

| DESCRIPTION | USOC | RATES BY STATE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | AL | FL | GA | KY | LA | MS | NC | SC | TN |
| **INTERIM SERVICE PROVIDER NUMBER PORTABILITY - RCF (1) (2)** | | | | | | | | | | |
| **RCF, per number ported (Business Line), 10 paths** | TNPBL | NA | NA | NA | NA | NA | NA | $2.25 | NA | NA |
| **RCF, per number ported (Residence Line), 6 paths** | TNPRL | NA | NA | NA | NA | NA | NA | $1.15 | NA | NA |
| **RCF, per number ported (Business Line)** | TNPBL | $2.13 | NA | $2.03 | NA | $2.29 | $2.34 | $1.66 | $2.17 | $1.50 |
| NRC - Electronic | TNPBL | $0.65 | NA | $0.51 | NA | $0.49 | $0.6441 | $0.71 | $0.7046 | NA |
| NRC - Disconnect Charge | TNPBL | $0.07 | NA | NA | NA | $0.05 | $0.0644 | $0.50 | NA | NA |
| **RCF, per number ported (Residence Line)** | TNPRL | $2.13 | NA | $2.03 | NA | $2.29 | $2.34 | $1.66 | $2.17 | $1.25 |
| NRC | TNPRL | $0.65 | NA | $0.51 | NA | $0.49 | $0.6441 | $0.71 | $0.7046 | NA |
| NRC - Disconnect Charge | TNPRL | $0.07 | NA | NA | NA | $0.05 | $0.0644 | $0.50 | NA | NA |
| **RCF, add'l capacity for simultaneous call forwarding, per additional path** | N/A | $0.32 | NA | $0.2836 | NA | $0.38 | $0.3838 | $0.32 | $0.3854 | $0.50 |
| **RCF, per service order, per location** | (++) Bus = TNPBD Res = TNPRD | | | | | | | | | |
| NRC - 1st | TNP++ | $1.44 | NA | $2.10 | NA | $2.02 | $2.84 | $2.73 | $1.37 | $25.00 |
| NRC - Add'l | TNP++ | $1.44 | NA | $2.10 | NA | $2.02 | $2.84 | $2.73 | $1.37 | $25.00 |
| NRC - Disconnect - 1st | TNP++ | $1.44 | NA | NA | NA | $2.01 | $2.84 | NA | NA | NA |
| NRC - Disconnect - Add'l | TNP++ | $1.44 | NA | NA | NA | $2.01 | $2.84 | NA | NA | NA |
| NRC - Incremental Charge - Manual Service Order - 1st | SOMAN | $27.37 | NA | NA | NA | $18.14 | $25.52 | $45.80 | NA | NA |
| NRC - Incremental Charge - Manual Service Order - Add'l | SOMAN | $27.37 | NA | NA | NA | $18.14 | $25.52 | $45.80 | NA | NA |
| NRC - Incremental Charge - Manual Service Order - Disconnect - 1st | SOMAN | $17.77 | NA | NA | NA | $11.41 | $16.06 | NA | $44.70 | NA |
| NRC - Incremental Charge - Manual Service Order - Disconnect - Add'l | SOMAN | $17.77 | NA | NA | NA | $11.41 | $16.06 | NA | $44.70 | NA |
| **INTERIM SERVICE PROVIDER NUMBER PORTABILITY - DID** | | | | | | | | | | |
| **DID per number ported, Residence - NRC** | TNPDR | $1.18 | NA | $0.93 | NA | $0.89 | $1.17 | $2.25 | $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 | $2.25 | $2.25 | NA |
| **DID per number ported, Business - NRC - Disconnect** | TNPDB | $1.18 | NA | NA | NA | $0.90 | $1.17 | NA | NA | NA |
| **DID per service order, per location** | | | | | | | | | | |
| NRC - 1st | TNPRD | $1.44 | NA | $2.10 | NA | $2.02 | $2.84 | $2.73 | $1.37 | NA |
| NRC - Add'l | TNPRD | $1.44 | NA | $2.10 | NA | $2.02 | $2.84 | $2.73 | $1.37 | NA |
| NRC - Disconnect - 1st | TNPRD | $1.44 | NA | NA | NA | $2.01 | $2.84 | NA | $44.70 | NA |
| NRC - Disconnect - Add'l | TNPRD | $1.44 | NA | NA | NA | $2.01 | $2.84 | NA | $44.70 | NA |
| NRC - Incremental Charge - Manual Service Order - 1st | SOMAN | $27.37 | NA | $18.94 | NA | $18.14 | $25.52 | $45.80 | NA | NA |
| NRC - Incremental Charge - Manual Service Order - Add'l | SOMAN | $27.37 | NA | NA | NA | $18.14 | $25.52 | $45.80 | NA | NA |
| NRC - Incremental Charge - Manual Service Order - Disconnect - 1st | SOMAN | $17.77 | NA | NA | NA | $11.41 | $16.06 | NA | NA | NA |
| NRC - Incremental Charge - Manual Service Order - Disconnect - Add'l | SOMAN | $17.77 | NA | NA | NA | $11.41 | $16.06 | NA | NA | NA |
| **DID, per trunk termination, Initial** | TNPT2 | $11.84 | NA | $10.73 | NA | $12.46 | $13.78 | $11.43 | $13.16 | NA |
| **DID, per trunk termination, Initial - NRC** | TNPT2 | $173.73 | NA | $135.47 | NA | $129.69 | $171.68 | $217.88 | $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 | $11.43 | $13.16 | NA |
| **DID, per trunk termination, Subsequent - NRC** | TNPT2 | $51.35 | NA | $39.53 | NA | $37.85 | $50.69 | $73.56 | $73.63 | NA |
| **DID, per trunk termination, Subsequent - Disconnect** | TNPT2 | $25.00 | NA | NA | NA | $18.75 | $24.71 | NA | NA | NA |

**NOTES:**

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

1 Until the FCC issues its order implementing a cost recovery mechanism for permanent number portability, the Company will track its costs of providing interim SPNP with sufficient detail to verify the costs. This will facilitate the Florida 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 BellSouth shall provide ordering and provisioning services to TCI that are equal to the ordering and provisioning services BellSouth provides to itself or any other CLEC. Detailed guidelines for ordering and provisioning are set forth in BellSouth's Local Interconnection and Facility Based Ordering Guide and Resale Ordering Guide, as appropriate, and as they are amended from time to time during this Agreement. BellSouth will notify TCI of any such amendments via the web and BellSouth will use best efforts to notify TCI within thirty (30) days, but in no event will BellSouth notify TCI after the change has occurred.

1.2 BellSouth will provide provisioning services to TCI during the same normal hours of operation that BellSouth provides itself, its end-users, and other CLECs. The normal hours of operation are as follows:

Monday - Friday - 8:00AM - 5:00PM location time (excluding holidays)
(Resale/Network Element non coordinated, coordinated orders and order coordinated - Time Specific)

Saturday - 8:00 AM - 5:00 PM location time (excluding holidays)
(Resale/Network Element non coordinated orders)

Times are either Eastern or Central time based on the location of the work being performed.

All other TCI requests for provisioning and installation services are considered outside of the normal hours of operation as referenced above and may be performed subject to the application of overtime billing charges. BellSouth will perform these services that are considered outside the normal hours of operation in the manner in which BellSouth performs and bills such services for itself, end-users, and other CLECs.

## 2. Access to Operational Support Systems

2.1 BellSouth shall provide TCI access to several operations support systems. Access to these support systems is available through a variety of means, including electronic interfaces. BellSouth also provides the option of placing orders manually (e.g., via facsimile) through the Local Carrier Service Center. The operations support systems available 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) and the Telecommunications Access Gateway (TAG). Customer record information includes any and all customer specific information, including but not limited to, customer specific information in CRIS and RSAG. TCI agrees 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 TCI will obtain access to customer record information only in strict compliance with applicable laws, rules, or regulations of the in which the service is provided.

2.2.1 Interfaces. BellSouth shall make available the following interfaces to TCI for access to pre-order functions: LENS; *and* TAG. Each such interface shall be available on a non-discriminatory basis in connection with pre-ordering for Resale services and UNES that are available electronically.

2.2.2 The Parties acknowledge that ordering requirements necessitate the use of current, real time pre-order information to accurately build service orders. Each pre-order interface shall be available except for downtime attributable to maintenance and upload, twenty-four (24) hours a day, seven (7) days a week.

2.2.3 TCI shall be permitted to reserve a number, including, without limitation, a vanity number, for up to thirty (30) days for End Users.

2.2.4 All CSR data exchanged must be in English text, and not only USOC or FID format, provided that such information is maintained in textual format by BellSouth. All other data shall be in a mutually agreed upon nomenclature.

2.2.5 Upon request, BellSouth shall provide TCI with pre-order information in batch transmission to the extent available or provided to any other Telecommunications Carrier on the same terms and conditions and at the same rates.

2.2.6 Pre-ordering functions shall be provided at parity as measured by the Performance Measurement metrics included in Attachment 9 hereto.

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) arrangement for resale requests and certain network elements and other services. As an alternative to the EDI arrangement, BellSouth also provides through LENS and TAG an ordering and provisioning capability that is integrated with the LENS and TAG pre-ordering capability.

2.3.1 For generation of Resale service orders, ordering flows shall be available via such electronic interfaces for each of the following ordering functions: Conversion

("as is" or "with changes"); Change (features, listings, long distance); New Connect; Disconnect; From and To (change of premises with same service).

2.3.2 BellSouth shall provide to TCI electronic and manual interfaces for transmitting orders and receiving Firm Order Confirmation ("FOC"), completion notices, Due-Date Jeopardies, and, as available, other provisioning data and information. BellSouth shall provide TCI with a FOC for each Resale and UNE order. The FOC includes: purchase order number, telephone number, Local Service Request number, due date, and Service Order number.

2.3.3 BellSouth shall provision Resale Services and UNEs as prescribed in TCI service order requests. Access to status on electronically-submitted Resale services and UNEs shall be provided via the electronic interfaces. Access to status on manually-submitted service order requests shall be provided manually or via the Purchase Order Number ("PON") report on BellSouth's Internet website.

2.3.4 BellSouth shall provide notice of a lack of facilities availability at parity to that BellSouth provides to itself, its Affiliates, or any other Telecommunications Carrier.

2.4 Service Trouble Reporting and Repair. Service trouble reporting and repair allows TCI to report and monitor service troubles and obtain repair services. BellSouth shall offer TCI service trouble reporting in a non-discriminatory manner that provides TCI the equivalent ability to report and monitor service troubles that BellSouth provides to itself. BellSouth also provides TCI an estimated time to repair, an appointment time or a commitment time, as appropriate, on trouble reports. BellSouth provides two options for electronic trouble reporting. For exchange services, BellSouth offers TCI access to the Trouble Analysis Facilitation Interface (TAFI). For individually designed services, BellSouth provides electronic trouble reporting through an electronic communications gateway. If TCI requests BellSouth to repair a trouble after normal working hours, TCI will be billed the appropriate overtime charges associated with this request pursuant to BellSouth's tariffs.

2.5 Migration of TCI to New BellSouth Software Releases. BellSouth will issue new software releases for its electronic interfaces as needed to improve operations and meet standards and regulatory requirements. When a new release 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 TCI with sufficient notice to allow TCI to make the necessary changes to its systems and operations to migrate to the newest release in a timely fashion. BellSouth will use its best efforts to issue such documents thirty (30) days in advance of changes.

2.6 Rates. To the extent approved by the Commission or agreed to by the Parties, all costs incurred by BellSouth to develop and implement operational interfaces shall be recovered from the carriers who utilize the services. Charge for use of Operational Support Systems 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 TCI will be held for a maximum of thirty (30) days from the date the order is placed on hold. After such time, if TCI wishes to reinstate an order, TCI may be required to submit a new service order.

3.2 Single Point of Contact. TCI will be the single point of contact with BellSouth for ordering activity for network elements and other services used by TCI 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. TCI 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 TCI 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 TCI that such an order has been processed, but will not be required to notify TCI in advance of such processing.

3.3 Use of Facilities. When a TCI customer 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 TCI 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 TCI subsequent to the disconnect order being completed.

3.4 Contact Numbers. BellSouth shall provide single points of contact ("SPOC") for the provisioning of Resale Services (LCSC) and UNEs (UNE Center) ordered by TCI. Pre-ordering and ordering shall be available via an electronic interface seven (7) days a week, 24 hours a day.

BellSouth shall provide access to assistance for technical issues such as connectivity and passwords related to LENS, TAG and TAFI, and to the "EDI Central Group" for technical problems with EDI. Assistance will be available by telephone during normal business hours and through other contacts on nights, weekends and holidays.

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 TCI 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.

3.7 Disaster Recovery Plan. BellSouth's Disaster Recover Plan is as set forth in Attachment 11 of this Agreement.

3.8 Ordering and Provisioning Information. BellSouth shall provide the following to TCI upon request:

3.8.1 Design Layout Records ("DLRs") for designed unbundled Network Elements; and

3.8.2 Advance information on the details and requirements for planning and implementation of NPA splits.

3.9 Access to the Regional Street Address Guide ("RSAG") information via LENS or TAG pre-ordering. Non Proprietary RSAG subsets shall be made available pursuant to the Bona Fide Request ("BFR") process.

3.10 BellSouth and TCI shall establish mutually acceptable methods and procedures for handling all misdirected calls from TCI End Users. All misdirected calls to BellSouth from TCI End Users shall be given a recording (or a live statement) directing them to call an TCI-designated toll free number. TCI, on a reciprocal basis, shall refer all misdirected calls that TCI receives from BellSouth End Users to a BellSouth-designated number. TCI and BellSouth each shall be responsible for providing the other party with its current toll free number. The foregoing shall

apply only when the Party receiving such call knows or has reason to know that the call is misdirected from an End User of the other Party hereto.

3.11 BellSouth shall provide order format specifications to TCI for all available services, features, and functions and for ancillary data required by BellSouth to provision these services.

3.12 BellSouth shall provide TCI with standard expected provisioning intervals for all unbundled Network Elements.

3.13 BellSouth shall not reconfigure any TCI service arrangements of any TCI End User for Resale services, UNEs or Combinations, unless so directed by TCI. Any TCI End User that contacts BellSouth regarding a change to its TCI service (excluding changes in its local service provider) shall be advised to contact TCI. Any BellSouth End User that contacts TCI regarding a change in BellSouth service (excluding changes in its local service provider) shall be advised to contact BellSouth.

3.14 The Parties shall provide a generic intercept referral message that includes any new telephone number of an End User for the same period of time that BellSouth currently provides such a message for its own End Users. The intercept message shall be similar in format to the intercept referral message currently provided by BellSouth for its own End Users.

3.15 BellSouth shall perform all pre-testing necessary to ensure the services ordered meet the specifications outlined in the technical service description provided by BellSouth for the service being ordered.

3.16 Any written "leave behind" materials that BellSouth technicians provide to TCI End Users shall be non-branded materials that do not identify the work being performed as being by BellSouth. These materials shall include, without limitation, non-branded forms for the Customer and non-branded "not at home" cards.

3.17 If an TCI End User requests a change of service at the time of installation, BellSouth technicians shall direct them to contact TCI directly and provide a toll-free number supplied by TCI. When a BellSouth employee visits the premise of an TCI End User, the BellSouth employee shall inform the Customer that he or she is there acting on behalf of TCI.

3.18 BellSouth shall provide telephone and/or facsimile notification to TCI of any TCI end user service requests and charges therefore not authorized on the TCI service request, and obtain TCI's approval prior to commencing work.

3.19 Each Party shall train and direct its employees who have contact with End Users of the other Party in the process of provisioning, maintenance or repair not to disparage the other Party or its services in any way to the other Party's End Users.

3.20 When TCI places an LSR, TCI shall specify a requested Due Date, and BellSouth shall specify a Due Date based on the applicable intervals. In the event TCI's requested date is less than the standard interval, TCI shall contact BellSouth by telephone and the Parties shall negotiate an expedited Due Date. This situation shall be considered an expedited order for which expedite charges will apply in accordance with BellSouth FCC No. 1 Tariff. BellSouth shall not complete the order prior to the Due Date unless authorized by TCI. If BellSouth misses the Due Date, BellSouth shall promptly notify TCI of the revised installation Due Date. If TCI requests that an order be expedited, BellSouth shall notify TCI of the status of the order (i) by the end of the same Business Day when such expedite requests are made prior to noon; or (ii) by noon the following Business Day otherwise.

3.21 TCI and BellSouth shall agree to escalation procedures and contacts for resolving questions and disputes related to ordering and provisioning procedures or to the processing of individual orders, subject ultimately to the dispute resolution provisions of this Agreement. The Parties shall use best efforts to notify each other of any modifications to these contacts within ten (10) days of any such modifications.

3.22 BellSouth shall transmit to TCI a FOC or, in the alternative, notification of the lack of available facilities within time periods specified hereafter after BellSouth's receipt of a complete and correct order from TCI, provided, however, that an order for complex services requiring a service inquiry shall be deemed received for these purposes only after completion of the service inquiry. The FOC shall contain a commitment date, which shall be established on a nondiscriminatory basis with respect to installation dates for comparable orders at such time. If TCI uses LENS, EDI, or any other electronic interface for the submission of the order, the FOC or notification shall be posted by BellSouth in such interface within twenty-four (24) hours of receipt of the order. If TCI does not use these interfaces, or these interfaces are not available for the service or UNE being ordered, BellSouth shall transmit the FOC or notification by telecopier to a toll-free number provided by TCI within forty-eight (48) hours of BellSouth's receipt of the order. When TCI submits a complete and correct LSR for SPNP and an associated unbundled Loop simultaneously, BellSouth shall likewise issue a FOC for both the Loop and the SPNP simultaneously.

3.23 For Local Service Requests submitted via an electronic interface, BellSouth shall notify TCI via the same electronic interface, of Rejections/Errors contained in any of the data element(s) field(s) contained on any TCI Local Service Request. For Local Service Requests submitted manually, BellSouth shall notify TCI by facsimile of such Rejections and Errors. BellSouth will notify TCI of Rejections or Errors in 95% of mechanized orders within one (1) hour from BellSouth's receipt of the order. BellSouth will notify TCI of Rejections or Errors in 85% of non-mechanized and partially mechanized orders within forty-eight (48) hours from BellSouth's receipt of the order.

3.24 No manual ordering charges shall apply to local service request submitted by TCI when BellSouth's existing electronic interfaces normally utilized by TCI are unavailable for reasons other than scheduled maintenance or other scheduled activities for which advance notification is required and provided by BellSouth.

# Attachment 7

# Billing and Billing Accuracy Certification

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# BILLING AND BILLING ACCURACY CERTIFICATION

## 1. Payment and Billing Arrangements

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 TCI requests. BellSouth will bill and record in accordance with this Agreement those charges TCI incurs as a result of TCI 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 TCI, TCI shall bill BellSouth in CABS format or in accordance with industry standards.

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, TCI will, to the extent not already done so, 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 TCI. TCI shall make payment to BellSouth for all services billed. BellSouth is not responsible for payments not received by TCI from TCI's customer. BellSouth will not become involved in billing disputes that may arise between TCI and its customer. Payments made to BellSouth as payment on account will be credited to an accounts receivable master account and not to an end user's account.

1.4 Payment Due. The payment 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.

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 TCI, the total amount billed to TCI will not include those taxes or fees for which the CLEC is exempt. TCI 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 TCI.

1.6 Late Payment. If any portion of the payment is received by either Party after the payment due date as set forth preceding, or if any portion of the payment is received by either Party in funds that are not immediately available to the other Party, then a late payment penalty shall be due to the Party that issued the invoice. 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 each Party's appropriate tariffs.

1.7 Discontinuing Service to TCI. The procedures for discontinuing service to TCI are as follows:

1.7.1 BellSouth reserves the right to suspend or terminate service for nonpayment or in the event of prohibited, unlawful or improper use of BellSouth facilities or service or any other violation or noncompliance by TCI of the rules and regulations contained in BellSouth's tariffs.

If payment of undisputed amounts is not received by the bill day in the month after the original bill day, BellSouth may provide written notice to TCI 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 TCI at the billing address to discontinue the provision of existing services to TCI at any time thereafter.

For purposes of this Agreement, a Bona Fide Dispute means a dispute of a specific amount of money actually billed by BellSouth. The dispute must be clearly explained by TCI and supported by written documentation from TCI, which clearly shows the basis for TCI's dispute of the charges. The dispute must be itemized to show the Q account and earning number against which the disputed amount applies. By way of example and not by limitation, a Bona Fide Dispute will not include the refusal to pay all or part of a bill or bills when no written documentation is provided to support the dispute, nor shall a Bona Fide Dispute include the refusal to pay other amounts owed by TCI until the dispute is resolved.

Claims by TCI for damages of any kind will not be considered a Bona Fide Dispute for purposes of this Agreement. Once the Bona Fide Dispute is resolved by BST, TCI will make immediate payment on any of the disputed amount owed to BST or BST shall have the right to pursue normal treatment procedures. Any credits due to TCI, pursuant to the Bona Fide Dispute, will be applied to TCI's account by BST immediately upon resolution of the dispute.

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 TCI's noncompliance continues, nothing contained herein shall preclude BellSouth's right to discontinue the provision of the services to TCI.

1.7.5 If payment is not received or satisfactory arrangements made for payment by the date given in the written notification, TCI's services will be discontinued. Upon discontinuance of service on TCI's account, service to the TCI's end users will be denied. BellSouth will reestablish service at the request of the end user or TCI for BellSouth to reestablish service upon payment of the appropriate connection fee and subject to BellSouth's normal application procedures. TCI is solely responsible for notifying the end user of the proposed service disconnection. If within fifteen 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, TCI 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 the customer from his obligation to make complete and timely payments of his bill. Such security shall be required prior to the inauguration of service.

BellSouth reserves the right to increase the security deposit requirements when, in its reasonable judgment and on a nondiscriminatory basis, circumstances so warrant and/or gross monthly billing has increased beyond the level initially used to determine the security deposit. In determining the security deposit so required, BellSouth will review TCI's Dunn & Bradstreet ratings; TCI's payment history with BellSouth, and payment history with others as available; the number of years TCI has been in business; TCI's management history and managers' length of service with TCI; liens, suits and judgments against TCI; UCC-1 filings against TCI's assets; and, to the extent available, TCI's financial information.

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 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.

## 2. Billing Accuracy Certification

2.1 Upon request, BellSouth and TCI 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 TCI will develop standards, measurements, and performance requirements for a local billing measurements process. On a regular basis BellSouth will provide TCI with mutually agreed upon performance measurement data that substantiates the accuracy, reliability, and integrity of the billing process for local billing. In return, TCI 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 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. There will be no late payment interest if the withholding party prevails in the dispute.

4. **RAO Hosting**

4.1 RAO Hosting, Calling Card and Third Number Settlement System (CATS) and Non-Intercompany Settlement System (NICS) services provided to TCI 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 and for which BellSouth will use best efforts to provide TCI written notice or electronic mail within thirty (30) days.

4.2 TCI shall furnish all relevant information required by BellSouth for the provision of RAO Hosting, CATS and NICS.

4.3 Applicable compensation amounts will be billed by BellSouth to TCI 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 TCI must have its own unique RAO code, to the extent that TCI does not already have such a code. Requests for establishment of RAO status where BellSouth is the selected Centralized Message Distribution System (CMDS) interfacing host, require written notification from TCI 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 TCI and will coordinate all associated conversion activities.

4.5 BellSouth will receive messages from TCI 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 TCI.

4.7 All data received from TCI 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 TCI 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 TCI and will forward them to TCI on a daily basis.

4.10 Transmission of message data between BellSouth and TCI will be via CONNECT:Direct.

4.11 All messages and related data exchanged between BellSouth and TCI 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 TCI 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 TCI to send data to BellSouth more than sixty (60) days past the message date(s), TCI 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 TCI 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 TCI) identified and agreed to, the company responsible for creating the data (BellSouth or TCI) 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 TCI, the entire pack containing the affected data will not be processed by BellSouth. BellSouth will notify TCI of the error condition. TCI 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, TCI 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 TCI 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 <u>RAO Compensation</u>

4.18.1 Rates for message distribution service provided by BellSouth for TCI 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 TCI for the purpose of data transmission. Where a dedicated line is required, TCI will be responsible for ordering the circuit, overseeing its installation and coordinating the installation with BellSouth. TCI 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 TCI. Additionally, all message toll charges

associated with the use of the dial circuit by TCI will be the responsibility of TCI. 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 TCI end for the purpose of data transmission will be the responsibility of TCI.

4.19 Intercompany Settlements Messages

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

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

4.19.3 Once TCI 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 TCI. BellSouth will distribute copies of these reports to TCI 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 TCI. BellSouth will distribute copies of these reports to TCI on a monthly basis.

4.19.6 BellSouth will collect the revenue earned by TCI 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 TCI. BellSouth will remit the revenue billed by TCI 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 TCI. These two amounts will be netted together by BellSouth and the resulting charge or credit issued to TCI via a monthly Carrier Access Billing System (CABS) miscellaneous bill.

4.19.7 BellSouth will collect the revenue earned by TCI 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 TCI. BellSouth will remit the revenue billed by TCI 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 TCI via a monthly Carrier Access Billing System (CABS) miscellaneous bill.

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

5.2 The TCI 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 TCI customer.

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

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

5.5 Messages that error in the billing system of TCI will be the responsibility of the TCI. If, however, TCI should encounter significant volumes of errored messages that prevent processing by TCI within its systems, BellSouth will work with TCI 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 TCI:

- 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 TCI.

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

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

The data will be packed using ATIS EMI records.

5.6.4 PACK REJECTION

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

5.6.5 CONTROL DATA

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

5.6.6 TESTING

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

6.2 TCI 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 TCI has purchased from BellSouth

6.4 Charges for delivery of the Access Daily Usage File will appear on the TCI's monthly bills. The charges are as set forth in Exhibit A to this Attachment. All messages will be in the standard Alliance for Telecommunications Industry Solutions (ATIS) EMI record format.

6.5 Messages that error in the billing system of the TCI will be the responsibility of the TCI. If, however, TCI should encounter significant volumes of errored messages that prevent processing by TCI within its systems, BellSouth will work with TCI 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 TCI:

Interstate and intrastate access records associated with a port.

Undetermined jurisdiction access records associated with a port.

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

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

Terminating on network element and carried by Interexchange Carrier:

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

Terminating on network element and carried by BellSouth:

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

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 TCI.

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

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

The data will be packed using ATIS EMI records.

6.6.7 PACK REJECTION

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

6.6.8 CONTROL DATA

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

6.6.9 TESTING

6.6.9.1 Upon request from TCI, BellSouth shall send test files to TCI 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 TCI, BellSouth will provide the Enhanced Optional Daily Usage File (EODUF) service to TCI 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 TCI 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 TCI's 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 TCI will be the responsibility of TCI. If, however, TCI should encounter significant volumes of errored messages that prevent processing by TCI within its systems, BellSouth will work with TCI 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 TCI: 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 TCI.

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

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

The data will be packed using ATIS EMI records.

# 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 TCI 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 TCI on a monthly basis. The reports will contain information collected in each performance category and will be available to TCI 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 TCI 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 TCI. TCI 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 19 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 TCI. BellSouth will notify TCI 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 19 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 TCI'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 any state and shall apply to BellSouth's performance in each state within the nine state BellSouth region.

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 TCI 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 TCI 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 TCI 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 TCI 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 TCI.

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 TCI 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 ($30^{th}$) 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 TCI the required amount, BellSouth will pay interest to TCI 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 TCI disputes the amount paid to TCI for Tier-1 Enforcement Mechanisms, TCI 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 TCI written findings within thirty (30) days after receipt of the claim. If BellSouth determines TCI is owed additional amounts, BellSouth shall pay TCI 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 TCI 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 TCI with reasonable notice of such acts or omissions and provide TCI 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 TCI 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 TCI that is contrary to any of its obligations under its Interconnection Agreement with BellSouth; an act or omission by TCI 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. TCI 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 TCI 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 TCI.

4.7.6 TCI 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 TCI. Therefore, TCI 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, TCI may commence a proceeding with the Commission to demonstrate why BellSouth should pay any amount in excess of the cap. TCI 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

## ORDERING

| Report/Measurement: | |
|---|---|
| **O-7. Speed of Answer in Ordering Center** | |
| **Definition:** | |
| Measures the average time a customer is in queue. | |
| **Exclusions:** | |
| None | |
| **Business Rules:** | |
| The clock starts when the appropriate option is selected (i.e. 1 for Resale Consumer, 2 for Resale Multiline, and 3 for UNE-LNP, etc.) and the call enters the queue for that particular group in the LCSC. The clock stops when a BST service representative in the LCSC answers the call. The speed of answer is determined by measuring and accumulating the elapsed time from the entry of a CLEC call into the BellSouth automatic call distributor (ACD) until the a service representative in BSTs Local Carrier Service Center (LCSC) answers the CLEC call. | |
| **Calculation:** | |
| (Total time in seconds to reach the LCSC) / (Total Number of Calls) in the Reporting Period. | |
| **Report Structure:** | |
| • CLEC Aggregate<br>• BST Aggregate (Combination of Residence Service Center and Business Service Center data under development) | |
| **Level of Disaggregation:** | |
| • CLEC Aggregate<br>• BST Aggregate (Combination of Residence Service Center and Business Service Center data under development) | |
| **Data Retained Relating to CLEC Experience:** | **Data Retained Relating to BST Performance:** |
| • Mechanized tracking through LCSC Automatic Call Distributor | • Mechanized tracking through BST Retail center support systems |
| **Retail Analog/Benchmark:** | |
| For CLEC, Speed of Answer in Ordering Center (LCSC) is comparable to Speed of Answer in BST Business Offices. See Appendix D | |

Revision Date: 02/16/00 (lg)

## ORDERING – (LNP)

**Report/Measurement:**

**LNP-8. Percent Rejected Service Requests**

**Definition:**

Percent Rejected Service Request is the percent of total Local Service Requests (LSRs) which are rejected due to error or omission. An LSR is considered valid when it is electronically submitted by the CLEC and passes LNP Gateway edit checks to insure the data received is correctly formatted and complete, i.e., fatal rejects are excluded.

**Exclusions:**

- Service Requests canceled by the CLEC
- Fatal Rejects
- Order Activities of BST or the CLEC associated with internal or administrative use of local services (Record Orders, Test Orders, etc.) where identifiable.

**Business Rules:**

An LSR is considered "rejected" when it is submitted electronically but does not pass edit checks in the ordering systems (EDI, TAG, LNP Gateway, LAUTO) and is returned to the CLEC without manual intervention.

Fully Mechanized: There are two types of "Rejects" in the Fully Mechanized category:

- A Fatal Reject occurs when a CLEC attempts to electronically submit an LSR (via EDI or TAG) but required fields are not populated correctly and the request is returned to the CLEC.
  Fatal rejects are reported in a separate column, and for informational purposes ONLY. They are not considered in the calculation of the percent of total LSRs rejected or the total number of rejected LSRs.
- An Auto Clarification is a valid LSR which is electronically submitted (via EDI or TAG), but is rejected from LAUTO because it does not pass further edit checks for order accuracy. Auto Clarifications are returned without manual intervention.

Partially Mechanized: A valid LSR which is electronically submitted (via EDI or TAG), but cannot be processed electronically due to a CLEC error and "falls out" for manual handling. It is then put into "clarification", and sent back to the CLEC.

Total Mechanized: Combination of Fully Mechanized and Partially Mechanized rejects.

**Calculation**

**Percent Rejected Service Requests**:
[(Number of Service Requests Rejected in the Reporting Period) / (Number of Service Requests Received in the Reporting Period)] x 100

**Report Structure:**

- Fully Mechanized, Partially Mechanized, Total Mechanized
- CLEC Specific
- CLEC Aggregate

**Level of Disaggregation:**

- Product Reporting Levels
  - LNP
  - UNE Loop with LNP
- Geographic Scope
  - .State, Region

**Retail Analog/Benchmark:**

See Appendix D

**Revision Date: 02/16/00 (lg)**

## ORDERING – (LNP)

**Report/Measurement:**

**LNP-9. Reject Interval Distribution & Average Reject Interval**

**Definition:**

Reject Interval is the average reject time from receipt of an LSR to the distribution of a Reject. An LSR is considered valid when it is electronically submitted by the CLEC and passes LNP Gateway edit checks to insure the data received is correctly formatted and complete, i.e., fatal rejects are excluded.

**Exclusions:**

- Service Requests canceled by CLEC
- Fatal Rejects
- Order Activities of BST or the CLEC associated with internal or administrative use of local services (Record Orders, Test Orders, etc.) where identifiable.

**Business Rules:**

The Reject interval is determined for each rejected LSR processed during the reporting period. The Reject interval is the elapsed time from when BST receives LSR until that LSR is rejected back to the CLEC. Elapsed time for each LSR is accumulated for each reporting dimension. The accumulated time for each reporting dimension is then divided by the associated total number of rejected LSRs to produce the reject interval distribution.

An LSR is considered "rejected" when it is submitted electronically but does not pass edit checks in the ordering systems (EDI, TAG, LNP Gateway, LAUTO) and is returned to the CLEC without manual intervention.

Fully Mechanized: There are two types of "Rejects" in the Fully Mechanized category:

- A Fatal Reject occurs when a CLEC attempts to electronically submit an LSR but required fields are not populated correctly and the request is returned to the CLEC.
  ***Fatal rejects are reported in a separate column, and for informational purposes ONLY. They are not considered in the calculation of the percent of total LSRs rejected or the number of rejected LSRs.***
- An Auto Clarification is a valid LSR which is electronically submitted (via EDI or TAG), but rejected from LAUTO because it does not pass further edit checks for order accuracy. Auto Clarifications are returned without manual intervention.

Partially Mechanized: A valid LSR which is electronically submitted (via EDI or TAG), but cannot be processed electronically due to a CLEC error and "falls out" for manual handling. It is then put into "clarification", and sent back to the CLEC.

Total Mechanized: Combination of Fully Mechanized and Partially Mechanized rejects.

**Calculation:**

**Average Reject Interval:**
Σ[ (Date & Time of Service Request Rejection) - (Date & Time of Service Request Receipt)] / (Total Number of Service Requests Rejected in Reporting Period)

**Reject Interval Distribution:**
[Σ (Service Requests Rejected in "X" minutes/hours) / (Total Number of Service Requests Rejected in Reporting Period)] X 100

**Report Structure:**

- Fully Mechanized, Partially Mechanized, Total Mechanized
- CLEC Specific
- CLEC Aggregate

## ORDERING – (LNP) - Reject Interval Distribution & Average Reject Interval – Continued)

| **Level of Disaggregation:** |
|---|
| • Reported in intervals = 0 - 4 minutes, 4 - 8 minutes, 8 - 12 minutes, 12 - 60 minutes, 0 - 1 hours, 1 - 8 hours, 8 - 24 hours, >24 hours<br>• Product Reporting Levels<br>➢ LNP<br>➢ UNE Loop with LNP<br>• Geographic Scope<br>➢ .State, Region<br>• Average Interval in Days |
| **Retail Analog/Benchmark:** |
| See Appendix D |

Revision Date: 02/16/00 (lg)

## ORDERING – (LNP)

**Report/Measurement:**

**LNP-10. Firm Order Confirmation Timeliness Interval Distribution & Firm Order Confirmation Average Interval**

**Definition:**

Interval for Return of a Firm Order Confirmation (FOC Interval) is the average response time from receipt of a valid LSR to distribution of a firm order confirmation.

**Exclusions:**

- Rejected LSRs (Clarifications or Fatal Rejects)
- Order Activities of BST or the CLEC associated with internal or administrative use of local services (Record Orders, Test Orders, etc.) where identifiable.

**Business Rules:**

The Firm Order Confirmation interval is determined for each FOC'd LSR processed during the reporting period. The Firm Order Confirmation interval is the elapsed time from when BST receives an LSR until that LSR is confirmed back to the CLEC. Elapsed time for each LSR is accumulated for each reporting dimension. The accumulated time for each reporting dimension is then divided by the associated total number of orders completed to produce the Firm Order Confirmation timeliness interval distribution.

- **Mechanized** - The elapsed time from receipt of a valid LSR until the LSR is processed and appropriate service orders are generated in SOCS without manual intervention.
- **Partially Mechanized** - The elapsed time from receipt of an 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).
- **Total Mechanized** - Combination of Fully Mechanized and Partially Mechanized FOCs.

**Calculation:**

**Average FOC Interval:**

$\Sigma$ [ (Date & Time of Firm Order Confirmation) - (Date & Time of Service Request Receipt)] / (Total number of Service Requests Confirmed in the Reporting Period)

**FOC Interval Distribution:**

$\Sigma$[ (Service Requests Confirmed in "X" minutes/hours in the Reporting Period) / (Total Service Requests Confirmed in the Reporting Period)] X 100

**Report Structure:**

- Fully Mechanized, Partially Mechanized, Total Mechanized
- CLEC Specific
- CLEC Aggregate

**Level of Disaggregation:**

- Reported in intervals = 0 - 15 minutes, 15 - 30 minutes, 30 - 45 minutes, 45 - 60 minutes, 90 - 120 minutes, 120 - 240 minutes, 4 - 8 hours, 8 - 12 hours, 12 - 16 hours, 16 - 20 hours, 20 - 24 hours, 24 - 48 hours, >48 hours
- Product Reporting Levels
  - LNP
  - UNE Loop with LNP
- Geographic Scope
  - .State, Region

**Retail Analog/Benchmark:**

See Appendix D

**Revision Date: 02/16/00 (lg)**

## Provisioning Disaggregation

### Product Reporting Levels

- Resale and Retail
  - Pots – Residence
  - Pots – Business
  - Design
  - PBX (Louisiana SQM)
  - CENTREX (Louisiana SQM)
  - ISDN (Louisiana SQM) (**NOTE**: ISDN included in POTS for Georgia Only)
  - ESSX (Louisiana SQM)

- Unbundled Network Elements
  - UNE Design
  - UNE Non – Design
  - UNE 2 Wire Loop (Louisiana SQM)
  - UNE Loop Other (Louisiana SQM)
  - Unbundled Ports (Louisiana SQM)

- Trunks
  - Local Interconnection Trunks

- Geographic Scope
  - State, Region and further geographic disaggregation as required by State Commission Order (e.g. Metropolitan Service Area – MSA)

The following measure is the exception for all states:
Coordinated Customer Conversion

Which is disaggregated as follows:
UNE LOOPS with INP
UNE LOOPS without INP

# PROVISIONING

| Report/Measurement: |
|---|
| **P-1. Mean Held Order Interval & Distribution Intervals** |
| **Definition:** |
| When delays occur in completing CLEC orders, the average period that CLEC orders are held for BST reasons, pending a delayed completion, should be no worse for the CLEC when compared to BST delayed orders. |
| **Exclusions:** |
| Order Activities of BST associated with internal or administrative use of local services. |
| **Business Rules:** |
| **Mean Held Order Interval:** This metric is computed at the close of each report period. The held order interval is established by first identifying all orders, at the close of the reporting interval, that both have not been reported as completed in SOCS and have passed the currently committed due date for the order. For each such order, the number of calendar days between the committed due date and the close of the reporting period is established and represents the held order interval for that particular order. The held order interval is accumulated by the standard groupings, unless otherwise noted, and the reason for the order being held. The total number of days accumulated in a category is then divided by the number of held orders within the same category to produce the mean held order interval. The interval is by calendar days with no exclusions for Holidays or Sundays.<br><br>CLEC Specific reporting is by type of held order (facilities, equipment, other), total number of orders held, and the total and average days.<br><br>**Held Order Distribution Interval:** This measure provides data to report total days held and identifies these in categories of >15 days and > 90 days. (orders counted in >90 days are also included in >15 days). |
| **Calculation:** |
| **Mean Held Order Interval:**<br>Σ(Reporting Period Close Date – Committed Order Due Date) / (Number of Orders Pending and Past The Committed Due Date) for all orders pending and past the committed due date.<br>**Held Order Distribution Interval:**<br>(# of Orders Held for ≥90 days) / (Total # of Orders Pending But Not Completed) X 100<br>(# of Orders Held for ≥15 days) / (Total # of Orders Pending But Not Completed) X 100 |
| **Report Structure:** |
| • CLEC Specific<br>• CLEC Aggregate<br>• BST Aggregate |
| **Level of Disaggregation:** |
| Circuit breakout < 10, > = 10 |

## PROVISIONING - Mean Held Order Interval & Distribution Intervals – Continued)

| Data Retained Relating to CLEC Experience | Data Retained Relating to BST Experience |
|---|---|
| • Report Month<br>• CLEC Order Number and PON (PON)<br>• Order Submission Date (TICKET_ID)<br>• Committed Due Date (DD)<br>• Service Type(CLASS_SVC_DESC)<br>• Hold Reason<br>• Total line/circuit count<br>• Geographic Scope<br><br>**NOTE:** Code in parentheses is the corresponding header found in the raw data file. | • Report Month<br>• BST Order Number<br>• Order Submission Date<br>• Committed Due Date<br>• Service Type<br>• Hold Reason<br>• Total line/circuit count<br>• Geographic Scope |
| **Retail Analog/Benchmark:** | |
| CLEC Residence Resale / BST Residence Retail<br>CLEC Business Resale / BST Business Retail<br>CLEC Non-UNE Design / BST Design<br>Interconnection Trunks-CLEC / Interconnection Trunks –BST<br>UNEs-(See Appendix D) | |

Revision Date: 02/24/00 (taf)

## PROVISIONING

| **Report/Measurement:** | |
|---|---|
| **P-2. Average Jeopardy Notice Interval & Percentage of Orders Given Jeopardy Notices** | |
| **Definition:** | |
| When BST can determine in advance that a committed due date is in jeopardy, it will provide advance notice to the CLEC. | |
| **Exclusions:** | |
| • Orders held for CLEC end user reasons<br>• Orders submitted to BST through non-mechanized methods | |
| **Business Rules:** | |
| When BST can determine in advance that a committed due date is in jeopardy it will provide advance notice to the CLEC. The number of committed orders in a report period is the number of orders that have a due date in the reporting period. | |
| **Calculation:** | |
| **Average Jeopardy Interval** = Σ [ (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).<br>**Percent of Orders Given Jeopardy Notice** = Σ [ (Number of Orders Given Jeopardy Notices in Reporting Period) / (Number of Orders Confirmed (due) in Reporting Period) | |
| **Report Structure:** | |
| • CLEC Specific<br>• CLEC Aggregate<br>• BST Aggregate | |
| **Data Retained Relating to CLEC Experience** | **Data Retained Relating to BST Experience** |
| • Report Month<br>• CLEC Order Number and PON<br>• Date and Time Jeopardy Notice sent<br>• Committed Due Date<br>• Service Type<br><br>**NOTE:** Code in parentheses is the corresponding header found in the raw data file. | • Report Month<br>• BST Order Number<br>• Date and Time Jeopardy Notice sent<br>• Committed Due Date<br>• Service type |
| **Retail Analog/Benchmark:** | |
| 95% > = 24 hours | |

Revision Date: 01/05/00 (taf)

## PROVISIONING

**Report/Measurement:**

**P-3. Percent Missed Installation Appointments**

**Definition:**

"Percent missed installation appointments" monitors the reliability of BST commitments with respect to committed due dates to assure that CLECs can reliably quote expected due dates to their retail customer as compared to BST.

**Exclusions:**

- Canceled Service Orders
- Order Activities of BST or the CLEC associated with internal or administrative use of local services (Record Orders, Test Orders, etc.)
- Disconnect (D) & From (F) orders
- End User Misses on Interconnection Trunks

**Business Rules:**

Percent Missed Installation Appointments is the percentage of total orders processed for which BST is unable to complete the service orders on the confirmed due dates. Missed Appointments caused by end-user reasons will be included and reported separately. A business day is any time period within the same date frame, which means there cannot be a cutoff time for commitments as certain types of orders are requested to be worked after standard business hours. Also, during Daylight Savings Time, field technicians are scheduled until 9PM in some areas and the customer is offered a greater range of intervals from which to select.

**Calculation:**

Percent Missed Installation Appointments = Σ (Number of Orders Not Complete by Committed Due Date in Reporting Period) / (Number of Orders Confirmed in Reporting Period) X 100

**Report Structure:**

- CLEC Specific
- CLEC Aggregate
- BST Aggregate

**Report explanation**: The difference between End User MA and Total MA is the result of BST caused misses. Here, Total MA is the total % of orders missed either by BST or CLEC end user. The End User MA represents the percentage of orders missed by the CLEC or their end user.

**Level of Disaggregation:**

- Reported in categories of <10 lines/circuits; > = 10 lines/circuits
- Dispatch/No Dispatch

| Data Retained Relating to CLEC Experience | Data Retained Relating to BST Experience |
|---|---|
| • Report Month<br>• CLEC Order Number and PON (PON)<br>• Committed Due Date (DD)<br>• Completion Date (CMPLTN DD)<br>• Status Type<br>• Status Notice Date<br>• Standard Order Activity<br>• Geographic Scope<br><br>**NOTE:** Code in parentheses is the corresponding header found in the raw data file. | • Report Month<br>• BST Order Number<br>• Committed Due Date (DD)<br>• Completion Date (CMPLTN DD)<br>• Status Type<br>• Status Notice Date<br>• Standard Order Activity<br>• Geographic Scope |

**Retail Analog/Benchmark:**

CLEC Residence Resale / BST Residence Retail
CLEC Business Resale / BST Business Retail
CLEC Non-UNE Design / BST Design
Interconnection Trunks-CLEC / Interconnection Trunks –BST
UNEs-(See Appendix D)

Revision Date: 02/28/00 (taf)

## PROVISIONING

**Report/Measurement :**

**P-4. Average Completion Interval (OCI) & Order Completion Interval Distribution**

**Definition:**

The "average completion interval" measure monitors the interval of time it takes BST to provide service for the CLEC or its' own customers. The "Order Completion Interval Distribution" provides the percentage of orders completed within certain time periods.

**Exclusions:**

- Canceled Service Orders
- Order Activities of BST or the CLEC associated with internal or administrative use of local services (Record Orders, Test Orders, etc.)
- D (Disconnect) and F (From) orders. (From is disconnect side of a move order when the customer moves to a new address).
- "L" Appointment coded orders (where the customer has requested a later than offered interval)

**Business Rules:**

The actual completion interval is determined for each order processed during the reporting period. The completion interval is the elapsed time from when BST issues a FOC or SOCS date time stamp receipt of an order from the CLEC to BST's actual 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.

The interval breakout for UNE and Design is: 0-5 = 0-4.99, 5-10 = 5-9.99, 10-15 = 10-14.99, 15-20 = 15-19.99 20-25 = 20-24.99, 25-30 = 25-29.99, >=30 = 30 and greater.

**Calculation :**

**Average Completion Interval:**

$\Sigma$ [ (Completion Date & Time) - (Order Issue Date & Time) ] / $\Sigma$ (Count of Orders Completed in Reporting period)

**Order Completion Interval Distribution:**

$\Sigma$ (Service Orders Completed in "X" days) / (Total Service Orders Completed in Reporting Period) X 100

**Report Structure:**

- CLEC Specific
- CLEC Aggregate
- BST Aggregate

**Level of Disaggregation:**

- ISDN Orders included in Non Design - GA Only
- Dispatch/No Dispatch categories applicable to all levels except trunks.
- Residence & Business reported in day intervals = 0,1,2,3,4, 5, 5+
- UNE and Design reported in day intervals = 0-5, 5-10, 10-15, 15-20, 20-25, 25-30, >=30
- All Levels are reported <10 line/circuits; >=10 line/circuits

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

| Data Retained Relating to CLEC Experience | Data Retained Relating to BST Experience |
|---|---|
| • Report Month<br>• CLEC Company Name<br>• Order Number (PON)<br>• Submission Date & Time (TICKET_ID)<br>• Completion Date (CMPLTN_DT)<br>• Service Type (CLASS_SVC_DESC)<br>• Geographic Scope<br><br>**NOTE:** Code in parentheses is the corresponding header found in the raw data file. | • Report Month<br>• BST Order Number<br>• Order Submission Date & Time<br>• Order Completion Date & Time<br>• Service Type<br>• Geographic Scope |
| **Retail Analog/Benchmark** | |
| CLEC Residence Resale / BST Residence Retail<br>CLEC Business Resale / BST Business Retail<br>CLEC Non-UNE Design / BST Design<br>Interconnection Trunks-CLEC / Interconnection Trunks-BST<br>UNEs-(See Appendix D) | |

Revision Date: 02/28/00 (taf)

## PROVISIONING

**Report/Measurement:**

**P-5. Average Completion Notice Interval**

**Definition:**

The Completion Notice Interval is the elapsed time between the BST reported completion of work and the issuance of a valid completion notice to the CLEC.

**Exclusions:**

- Non-mechanized Orders
- Cancelled Service Orders
- Order Activities of BST associated with internal or administrative use of local services
- D & F orders

**Business Rules:**

Measurement of interval of completion date and time by a field technician on dispatched orders, and 5PM start time 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 the work was complete and then he enters the completion time stamp information 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. The start time is the completion stamp either by the field technician or the 5PM due date stamp; the end time is the time stamp the notice was submitted to the CLEC/BST system.

**Calculation:**

Σ (Date and Time of Notice of Completion) – (Date and Time of Work Completion) / (Number of Orders Completed in Reporting Period)

**Report Structure:**

- CLEC Specific
- CLEC Aggregate
- BST Aggregate

**Level of Disaggregation:**

- Reporting intervals in Hours: 0-1, 1-2, 2-4, 4-8, 8-12, 12-24, > 24, plus Overall Average Hour Interval
- Reported in categories of <10 line/circuits; >= 10 line/circuits

| Data Retained Relating to CLEC Experience | Data Retained Relating to BST Experience |
|---|---|
| • Report Month<br>• CLEC Order Number<br>• Work Completion Date<br>• Work Completion Time<br>• Completion Notice Availability Date<br>• Completion Notice Availability Time<br>• Service Type<br>• Activity Type<br>• Geographic Scope<br><br>**NOTE:** Code in parentheses is the corresponding header found in the raw data file. | • Report Month<br>• BST Order Number<br>• Work Completion Date<br>• Work Completion Time<br>• Completion Notice Availability Date<br>• Completion Notice Availability Time<br>• Service Type<br>• Activity Type<br>• Geographic Scope<br><br>**NOTE:** Code in parentheses is the corresponding header found in the raw data file. |

**Retail Analog/Benchmark:**

CLEC Residence Resale / BST Residence Retail
CLEC Business Resale / BST Business Retail
CLEC Non-UNE Design / BST Design
Interconnection Trunks-CLEC / Interconnection Trunks-BST
UNEs – (See Appendix D)

Revision Date 02/24/00 (taf)

## PROVISIONING

| Report/Measurement: | |
|---|---|
| **P-6. Coordinated Customer Conversions** | |
| **Definition:** | |
| This category measures the average time it takes BST to disconnect an unbundled loop from the BST switch and cross connect it to a CLEC's equipment. This measurement applies to service orders with and without INP, and where the CLEC has requested BST to provide a coordinated cutover. | |
| **Exclusions:** | |
| • Any order canceled by the CLEC will be excluded from this measurement.<br>• Delays due to CLEC following disconnection of the unbundled loop<br>• Unbundled Loops where there is no existing subscriber loop and loops where coordination in not requested. | |
| **Business Rules:** | |
| Where the service order includes INP, the interval includes the total time for the cutover including the translation time to place the line back in service on the ported line. The interval is calculated for the entire cutover time for the service order and then divided by items worked in that time to give the average per item interval for each service order. | |
| **Calculation:** | |
| Σ [(Completion Date and Time for Cross Connection of an Coordinated Unbundled Loop)- (Disconnection Date and Time of an Coordinated Unbundled Loop)] / Total Number of Unbundled Loop with Coordinated Conversions (items) for the reporting period. | |
| **Report Structure:** | |
| • CLEC Specific<br>• CLEC Aggregate | |
| **Level of Disaggregation:** | |
| Reported in intervals <=5 minutes; >5,< =15 minutes; >15 minutes, plus Overall Average interval | |
| **Data Retained Relating to CLEC Experience** | **Data Retained Relating to BST Experience** |
| • Report Month<br>• CLEC Order Number<br>• Committed Due Date (DD)<br>• Service Type (CLASS_SVC_DESC)<br>• Cutover Start Time<br>• Cutover Completion time<br>• Portability start and completion times (INP orders)<br>• Total Conversions (Items)<br><br>**NOTE:** Code in parentheses is the corresponding header found in the raw data file. | • No BST Analog Exists |
| **Retail Analog/Benchmark:** | |
| There is no retail analog for this measurement because it measures cutting loops to the CLEC.<br>Benchmark – See Appendix D | |

Revision Date: 02/28/00 (taf)

## PROVISIONING

**Report/Measurement:**

**P-7. % Provisioning Troubles within 30 days of Service Order Activity**

**Definition:**

Percent Provisioning Troubles within 30 days of Installation measures the quality and accuracy of installation activities.

**Exclusions:**

- Canceled Service Orders
- Order Activities of BST or the CLEC associated with internal or administrative use of local services (R Orders, Test Orders, etc.)
- D & F orders

**Business Rules:**

Measures the quality and accuracy of completed orders. The first trouble report from a service order after completion is counted in this measure. Subsequent trouble reports are measured in Repeat Report Rate. Reports are calculated searching in the prior report period for completed service orders and following 30 days after completion for a trouble report.

D & F orders are excluded as there is no subsequent activity following a disconnect.

**Calculation:**

% Provisioning Troubles within 30 days of Service Order Activity = Σ (Trouble reports on all completed orders ≤ 30 days following service order(s) completion) / (All Service Orders completed in the report calendar month) X 100

**Report Structure:**

- CLEC Specific
- CLEC Aggregate
- BST Aggregate

**Level of Disaggregation:**

- Reported in categories of <10 line/circuits; > = 10 line/circuits
- Dispatch / No Dispatch

| Data Retained Relating to CLEC Experience | Data Retained Relating to BST Experience |
|---|---|
| • Report Month<br>• CLEC Order Number and PON<br>• Order Submission Date(TICKET_ID)<br>• Order Submission Time (TICKET_ID)<br>• Status Type<br>• Status Notice Date<br>• Standard Order Activity<br>• Geographic Scope<br><br>**NOTE:** Code in parentheses is the corresponding header found in the raw data file. | • Report Month<br>• BST Order Number<br>• Order Submission Date<br>• Order Submission Time<br>• Status Type<br>• Status Notice Date<br>• Standard Order Activity<br>• Geographic Scope |

**Retail Analog/Benchmark:**

CLEC Residence Resale / BST Residence Retail
CLEC Business Resale / BST Business Retail
CLEC Non-UNE Design / BST Design
Interconnection Trunks-CLEC / Interconnection Trunks –BST
UNEs-(See Appendix D)

Revision Date: 02/28/00 (taf)

## PROVISIONING

**Report/Measurement :**

**P-8. Total Service Order Cycle Time (TSOCT)**

**Definition:**

This report measures the total service order cycle time from receipt of a valid service order request to the completion of the service order.

**Exclusions:**

- Canceled Service Orders
- Order Activities of BST or the CLEC associated with internal or administrative use of local services (Record Orders, Test Orders, etc.)
- D (Disconnect) and F (From) orders. (From is disconnect side of a move order when the customer moves to a new address).
- "L" Appointment coded orders (where the customer has requested a later than offered interval)
- Orders with CLEC/Subscriber caused delays or CLEC/Subscriber requested due date changes.

**Business Rules:**

The interval is determined for each order processed during the reporting period. This measurement combines two reports: FOC (Firm Order Confirmation) with Average Order Completion Interval.

This interval starts with the receipt of a valid service order request and stops when the technician or system completes the order in SOCS. Elapsed time for each order is accumulated for each reporting dimension. The accumulated time for each reporting dimension is then divided by the associated total number of orders completed.

**Calculation :**

**Total Service Order Cycle Time**

Σ(Date and Time of Service Request Receipt) – (Completion Date and Time of Service Order) (SOCS HIST-CD DATE) / (Count of Orders Completed in Reporting Period)

**Report Structure:**

- CLEC Specific
- CLEC Aggregate
- BST Aggregate

**Level of Disaggregation:**

- Reported in categories of < 10 line/circuits; > = 10 line/circuits
- Dispatch/No Dispatch categories applicable to all levels except trunks.
- Intervals 0-5, 5-10, 10-15, 15-20, 20-25, 25-30, > = 30 Days

| Data Retained Relating to CLEC Experience | Data Retained Relating to BST Experience |
|---|---|
| • Report Month<br>• Interval for FOC<br>• CLEC Company Name<br>• Order Number (PON)<br>• Submission Date & Time (TICKET_ID)<br>• Completion Date (CMPLTN_DT)<br>• Service Type (CLASS_SVC_DESC)<br>• Geographic Scope<br><br>**NOTE:** Code in parentheses is the corresponding header found in the raw data file. | • Report Month<br>• BST Order Number<br>• Order Submission Date & Time<br>• Order Completion Date & Time<br>• Service Type<br>• Geographic Scope |

**Retail Analog/Benchmark**

See Appendix D

Revision Date: 02/28/00 (taf)

## PROVISIONING

| Report/Measurement: | |
|---|---|
| **P-9. Service Order Accuracy GEORGIA ONLY** | |
| **Definition:** | |
| The "service order accuracy" measurement measures the accuracy and completeness of BST service orders by comparing what was ordered and what was completed. | |
| **Exclusions:** | |
| • Cancelled Service Orders<br>• Order Activities of BST associated with internal or administrative use of local services<br>• & F orders | |
| **Business Rules:** | |
| A manual sampling of service orders, completed during a monthly reporting period, is compared to the original account profile and the order that the CLEC sent to BST. An order is "completed without error" if all service attributes and account detail changes (as determined by comparing the original order) completely and accurately re'lect the activity specified on the original order and any supplemental CLEC order. | |
| **Calculation:** | |
| Percent Service Order Accuracy = Σ (Orders Completed without Error) / Σ (Orders Completed in Reporting Period) x 100 | |
| **Report Structure:** | |
| CLEC Aggregate | |
| **Level of Disaggregation:** | |
| • Reported in categories of <10 line/circuits; > = 10 line/circuits<br>• Dispatch / No Dispatch | |
| **Data Retained Relating to CLEC Experience** | **Data Retained Relating to BST Experience** |
| • Report Month<br>• CLEC Order Number and PON<br>• Local Service Request (LSR)<br>• Order Submission Date<br>• Committed Due Date<br>• Service Type<br>• Standard Order Activity<br><br>**NOTE:** Code in parentheses is the corresponding header found in the raw data file. | • Being investigated at this time |
| **Retail Analog/Benchmark:**<br>(Under Investigation) | |

Revision Date: 01/05/00 (taf)

## PROVISIONING

| Report/Measurement: |
|---|
| **LNP – 10. Percent Missed Installation Appointments** |
| **Definition:** |
| Percent Missed Installation Appointments monitors the reliability of BST commitments with respect to committed due dates to assure that CLECs can reliably quote expected due dates to their retail customer as compared to BST. |
| **Exclusions:** |
| • Canceled Service Orders<br>• Order Activities of BST or the CLEC associated with internal or administrative use of local services (Record Orders, Test Orders, etc.) where identifiable. |
| **Business Rules:** |
| Percent Missed Installation Appointments (PMI) 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 in a separate category. A business day is any time period within the same date frame, which means there cannot be a cutoff time for commitments as certain types of orders are requested to be worked after standard business hours. Also, during Daylight Savings Time, field technicians are scheduled until 9PM in some areas and the customer is offered a greater range of intervals from which to select. |
| **Calculation:** |
| **Percent Missed Installation Appointments:**<br>[ (Number of Orders Not Completed by Committed Due Date in Reporting Period) / (Number of Orders Completed in Reporting Period)] X 100 |
| **Report Structure:** |
| • Mechanized (service orders generated by LSRs submitted via EDI or TAG)<br>• CLEC Specific<br>• CLEC Aggregate<br><br>**Report explanation:** Total Missed Appointments is the total % of orders missed either by BST or the CLEC end user. End User MA represents the percentage of orders missed by the CLEC end user. The difference between End User Missed Appointments and Total Missed Appointments is the result of BST caused misses. |
| **Level of Disaggregation:** |
| • Product Reporting Levels<br>➢ LNP<br>➢ UNE Loop Associated w/LNP<br>• Geographic Scope<br>➢ State, Region |
| **Retail Analog/Benchmark:** |
| See Appendix D |

Revision Date: 02/16/00 (taf)

## PROVISIONING – (LNP)

| Report/Measurement : |
|---|
| **LNP-11. Average Disconnect Timeliness Interval & Disconnect Timeliness Interval Distribution** |
| **Definition:** |
| Disconnect Timeliness is defined as the interval between the time the LNP Gateway receives the 'Number Ported' message from NPAC (signifying the CLEC 'Activate') until the time that the Disconnect service order for an LSR is completed in SOCS. This interval effectively measures BST responsiveness by isolating it from impacts that are caused by CLEC related activities. |
| **Exclusions:** |
| • Canceled Service Orders<br>• Order Activities of BST or the CLEC associated with internal or administrative use of local services (Record Orders, Test Orders, etc.) where identifiable. |
| **Business Rules:** |
| The Disconnect Timeliness interval is determined for the last Disconnect service order processed on an LSR during the reporting period. The Disconnect Timeliness interval is the elapsed time from when BST receives the last 'Number Ported' message for an LSR from NPAC (signifying the CLEC 'Activate') until the last Disconnect service order is completed 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 total number of selected disconnect orders which have been completed. |
| **Calculation :** |
| **Average Disconnect Timeliness Interval:**<br>Σ[ (Disconnect Service Order Completion Date & Time) - ('Number Ported' Message Received Date & Time) ] / Σ (Total Number of Disconnect Service Orders Completed in Reporting Period)<br>**Disconnect Timeliness Interval Distribution:**<br>[Σ (Disconnect Service Orders Completed in "X" days) / (Total Disconnect Service Orders Completed in Reporting Period)] X 100 |
| **Report Structure:** |
| • Mechanized (service orders generated by LSRs submitted via EDI or TAG)<br>• CLEC Specific<br>• CLEC Aggregate |
| **Level of Disaggregation:** |
| • Reported in day intervals = 0,1,2,3,4, 5, >5 days<br>• Product Reporting Levels<br>➢LNP<br>• Geographic Scope<br>➢State, Region |
| **Retail Analog/Benchmark:** |
| See Appendix D |

Revision Date: 02/16/00 (taf)

## PROVISIONING

| Report/Measurement : |
|---|
| **LNP-12. Total Service Order Cycle Time** |
| **Definition:** |
| Total Service Order Cycle Time measures the interval from receipt of a valid service order request to the completion of the final service order associated with that service request. |
| **Exclusions:** |
| • Canceled Service Orders<br>• Order Activities of BST or the CLEC associated with internal or administrative use of local services (Record Orders, Test Orders, etc.) where identifiable<br>• "L" appointment coded orders (indicating the customer has requested a later than offered interval)<br>• "S" missed appointment coded orders (indicating subscriber missed reasons), except for "SP" codes (indicating subscriber prior due date requested). |
| **Business Rules:** |
| The interval is determined for each service request processed during the reporting period. This measurement combines two reports: FOC (Firm Order Confirmation) with Average Order Completion Interval.<br><br>This interval starts with the receipt of a valid service request and stops when the technician or system completes all the related service orders for the LSR in SOCS. Elapsed time for each service request is accumulated for each reporting dimension. The accumulated time for each reporting dimension is then divided by the associated total number of service requests completed to produce the total service order cycle time. |
| **Calculation :** |
| **Average Total Service Order Cycle Time:**<br>Σ[ (Service Order Completion Date & Time) - (Service Request Receipt Date & Time) ] / Σ (Total Number Service Requests Completed in Reporting Period)<br><br>**Total Service Order Cycle Time Interval Distribution:**<br>[Σ (Total Number of Service Requests Completed in "X" minutes/hours) / (Total Number of Service Requests Received in Reporting Period)] X 100 |
| **Report Structure:** |
| • Mechanized (service orders generated by LSRs submitted via EDI or TAG)<br>• CLEC Specific<br>• CLEC Aggregate<br>• "W" Appointment Code Only (Company Offered) |
| **Level of Disaggregation:** |
| • Reported in day intervals 0 - 5, 5 - 10, 10 - 15, 15 - 20, 20 - 25, 25 - 30, >30 days<br>• Product Reporting Levels<br>➢ LNP<br>➢ UNE Loop with LNP<br>• Geographic Scope<br>➢ State, Region |
| **Retail Analog/Benchmark:** |
| See Appendix D |

Revision Date: 02/16/00 (taf)

# Maintenance and Repair Level of Disaggregation

## Product Reporting Levels

- Resale / Retail
  - Pots – Residence
  - Pots – Business
  - PBX (Louisiana SQM)
  - ESSX (Louisiana SQM)
  - CENTREX (Louisiana SQM)
  - ISDN (Louisiana SQM) (**NOTE**: ISDN Troubles included in Non-Design Georgia Only)
  - Design

- Unbundled Network Elements
  - UNE Design
  - UNE Non – Design
  - UNE 2 Wire Loop (Louisiana SQM)
  - UNE Loop Other (Louisiana SQM)
  - Unbundled Ports (Louisiana SQM)
  - UNE Other Non – Design (Louisiana SQM)

- Trunks
  - Local Interconnection Trunks

- Dispatch/No Dispatch categories applicable to all product levels

- Geographic Scope

- State, Region and further geographic disaggregation as required by State Commission Order (e.g. Metropolitan Service Area – MSA)

## MAINTENANCE & REPAIR

**Report/Measurement:**

**M&R-1. Missed Repair Appointments**

**Definition:**

The percent of trouble reports not cleared by the committed date and time.

**Exclusions:**

- Trouble tickets canceled at the CLEC request.
- BST trouble reports associated with internal or administrative service.
- Customer Provided Equipment (CPE) troubles or CLEC Equipment Trouble.

**Business Rules:**

The negotiated commitment date and time is established when the repair report is received. The cleared time is the date and time that BST personnel clear the trouble and closes the trouble report in his Computer Access Terminal (CAT) or workstation. If this is after the Commitment time, the report is flagged as a "Missed Commitment" or a missed repair appointment. When the data for this measure is collected for BST and a CLEC, it can be used to compare the percentage of the time repair appointments are missed due to BST reasons. Note: Appointment intervals vary with force availability in the POTS environment. Specials and Trunk intervals are standard interval appointments of no greater than 24 hours.

**Calculation:**

Percentage of Missed Repair Appointments =Σ (Count of Customer Troubles Not Cleared by the Quoted Commitment Date and Time) / Σ (Total Trouble reports closed in Reporting Period) X 100

**Report Structure:**

- CLEC Specific
- CLEC Aggregate
- BST Aggregate

| Data Retained Relating to CLEC Experience | Data Retained Relating to BST Experience |
|---|---|
| • Report Month<br>• CLEC Company Name<br>• Submission Date & Time ( TICKET_ID)<br>• Completion Date (CMPLTN_DT)<br>• Service Type (CLASS_SVC_DESC)<br>• Disposition and Cause (CAUSE_CD & CAUSE_DESC)<br>• Geographic Scope<br><br>**NOTE:** Code in parentheses is the corresponding header found in the raw data file. | • Report Month<br>• BST Company Code<br>• Submission Date & Time<br>• Completion Date<br>• Service Type<br>• Disposition and Cause (Non-Design /Non-Special Only)<br>• Trouble Code (Design and Trunking Services)<br>• Geographic Scope |

**Retail Analog/Benchmark**

CLEC Residence-Resale / BST Residence-Retail
CLEC Business-Resale / BST Business-Retail
CLEC Design-Resale / BST Design-Retail
CLEC PBX, Centrex, and ISDN Resale/ BST PBX, Centrex, and ISDN Retail
CLEC Trunking-Resale / BST Trunking-Retail
UNEs – (See Appendix D)

Revision Date: 02/22/00 (see)

## MAINTENANCE & REPAIR

| Report/Measurement: | |
|---|---|
| **M&R-2. Customer Trouble Report Rate** | |
| **Definition:** | |
| Initial and repeated customer direct or referred troubles reported within a calendar month per 100 lines/ circuits in service. | |
| **Exclusions:** | |
| • Trouble tickets canceled at the CLEC request.<br>• BST trouble reports associated with administrative service.<br>• Customer provided Equipment (CPE) troubles or CLEC equipment troubles. | |
| **Business Rules:** | |
| Customer Trouble Report Rate is computed by accumulating the number of maintenance initial and repeated trouble reports during the reporting period. The resulting number of trouble reports are divided by the total "number of service" lines, ports or combination that exist for the CLEC's and BST respectively at the end of the report month. | |
| **Calculation:** | |
| Customer Trouble Report Rate = (Count of Initial and Repeated Trouble Reports in the Current Period) / (Number of Service Access Lines in service at End of the Report Period) X 100 | |
| **Report Structure:** | |
| • CLEC Specific<br>• CLEC Aggregate<br>• BST Aggregate | |
| **Data Retained Relating to CLEC Experience** | **Data Retained Relating to BST Experience** |
| • Report Month<br>• CLEC Company Name<br>• Ticket Submission Date & Time (TICKET_ID)<br>• Ticket Completion Date (CMPLTN_DT)<br>• Service Type (CLASS_SVC_DESC)<br>• Disposition and Cause (CAUSE_CD & CAUSE_DESC)<br>• # Service Access Lines in Service at the end of period<br>• Geographic Scope<br><br>**NOTE:** Code in parentheses is the corresponding header found in the raw data file. | • Report Month<br>• BST Company Code<br>• Ticket Submission Date & Time<br>• Ticket Completion Date<br>• Service Type<br>• Disposition and Cause (Non-Design / Non-Special Only)<br>• Trouble Code (Design and Trunking Services)<br>• # Service Access Lines in Service at the end of period<br>• Geographic Scope |
| **Retail Analog/Benchmark:** | |
| CLEC Residence-Resale / BST Residence -Retail<br>CLEC Business-Resale / BST Business-Retail<br>CLEC Design-Resale / BST Design-Retail<br>CLEC PBX, Centrex and ISDN Resale/ BST PBX, Centrex, and ISDN Retail<br>CLEC Trunking-Resale / BST Trunking-Retail<br>UNEs – (See Appendix D) | |

Revision Date: 02/22/00 (see)

## MAINTENANCE & REPAIR

**Report/Measurement:**

**M&R-3. Maintenance Average Duration**

**Definition:**

The Average duration of Customer Trouble Reports from the receipt of the Customer Trouble Report to the time the trouble report is cleared.

**Exclusions:**

- Trouble reports canceled at the CLEC request
- BST trouble reports associated with administrative service
- Customer Provided Equipment (CPE) troubles or CLEC Equipment Troubles.
- Trouble reports greater than 10 days

**Business Rules:**

For Average Duration the clock starts on the date and time of the receipt of a correct repair request. The clock stops on the date and time the service is restored and the customer notified (when the technician completes the trouble ticket on his/her CAT or work system).

NOTE: Customer can be BST or CLEC

**Calculation:**

Maintenance Average Duration = Σ(Date and Time of Service Restoration) – (Date and Time Trouble Ticket was Opened) / Σ( Total Closed Troubles in the reporting period)

**Report Structure:**

- CLEC Specific
- BST Aggregate
- CLEC Aggregate

| Data Retained Relating to CLEC Experience | Data Retained Relating to BST Experience |
|---|---|
| • Report Month<br>• Total Tickets (LINE_NBR)<br>• CLEC Company Name<br>• Ticket Submission Date & Time (TIME_ID)<br>• Ticket Completion Date (CMPLTN_DT<br>• Service Type (CLASS_SVC_DESC)<br>• Disposition and Cause (CAUSE_CD & CAUSE_DESC)<br>• Geographic Scope<br><br>**NOTE:** Code in parentheses is the corresponding header found in the raw data file. | • Report Month<br>• Total Tickets<br>• BST Company Code<br>• Ticket Submission Date<br>• Ticket submission Time<br>• Ticket completion Date<br>• Ticket Completion Time<br>• Total Duration Time<br>• Service Type<br>• Disposition and Cause (Non – Design /Non-Special Only)<br>• Trouble Code (Design and Trunking Services)<br>• Geographic Scope |

**Retail Analog/Benchmark:**

CLEC Residence-Resale / BST Residence-Resale
CLEC Business-Resale / BST Business-Retail
CLEC Design-Resale / BST Design-Retail
CLEC PBX, Centrex and ISDN Resale / BST PBX, Centrex and ISDN Retail
CLEC Trunking-Resale /BST Trunking-Retail
UNEs – (See Appendix D)

Revision Date: 02/22/00 (see)

## MAINTENANCE & REPAIR

**Report/Measurement:**

**M&R-4. Percent Repeat Troubles within 30 Days**

**Definition:**

Trouble reports on the same line/circuit as a previous trouble report received within 30 calendar days as a percent of total troubles reported.

**Exclusions:**

- Trouble Reports canceled at the CLEC request
- BST Trouble Reports associated with administrative service
- Customer Provided Equipment (CPE) Troubles or CLEC Equipment Troubles.

**Business Rules:**

Includes Customer trouble reports received within 30 days of an original Customer trouble report.

**Calculation:**

Percent Repeat Troubles within 30 Days = (Count of Customer Troubles where more than one trouble report was logged for the same service line within a continuous 30 days) / ( Total Trouble Reports Closed in Reporting Period) X 100

**Report Structure:**

- CLEC Specific
- CLEC Aggregate
- BST Aggregate

| Data Retained Relating to CLEC Experience | Data Retained Relating to BST Experience |
|---|---|
| • Report Month<br>• Total Tickets (LINE_NBR)<br>• CLEC Company Name<br>• Ticket Submission Date & Time (TICKET_ID)<br>• Ticket Completion Date (CMPLTN_DT)<br>• Total and Percent Repeat Trouble Reports within 30 Days (TOT_REPEAT)<br>• Service Type<br>• Disposition and Cause (CAUSE_CD & CAUSE_DESC)<br>• Geographic Scope<br><br>**NOTE:** Code parentheses is the corresponding header format found in the raw data file. | • Report Month<br>• Total Tickets<br>• BST Company Code<br>• Ticket Submission Date<br>• Ticket Submission Time<br>• Ticket Completion Date<br>• Ticket Completion Time<br>• Total and Percent Repeat Trouble Reports within 30 Days<br>• Service Type<br>• Disposition and Cause (Non – Design/Non-Special only)<br>• Trouble Code (Design and Trunking Services)<br>• Geographic Scope |

**Retail Analog/Benchmark:**

CLEC Residence-Resale / BST Residence-Retail
CLEC Business- Resale / BST Business-Retail
CLEC Design-Resale / BST Design-Retail
CLEC PBX, Centrex and ISDN Resale / BST PBX, Centrex and ISDN Retail
CLEC Trunking-Resale / BST Trunking-Retail
UNEs – Retail Analog (See Appendix D)

Revision date: 02/22/00 (see)

## MAINTENANCE & REPAIR

**Report/Measurement:**

**M&R-5. Out of Service (OOS) > 24 Hours**

**Definition:**

For Out of Service Troubles (no dial tone, cannot be called or cannot call out) the percentage of troubles cleared in excess of 24 hours. (All design services are considered to be out of service).

**Exclusions:**

- Trouble Reports canceled at the CLEC request
- BST Trouble Reports associated with administrative service
- Customer Provided Equipment (CPE) Troubles or CLEC Equipment Troubles.

**Business Rules:**

Customer Trouble reports that are out of service and cleared in excess of 24 hours. The clock begins when the trouble report is created in LMOS and the trouble is counted if the time exceeds 24 hours.

**Calculation:**

Out of Service (OOS) > 24 hours = ( Total Troubles OOS > 24 Hours) / Total OOS Troubles in Reporting Period) X 100

**Report Structure:**

- CLEC Specific
- BST Aggregate
- CLEC Aggregate

| Data Retained Relating to CLEC Experience | Data Retained Relating to BST Experience |
|---|---|
| • Report Month<br>• Total Tickets<br>• CLEC Company Name<br>• Ticket Submission Date & Time (TICKET_ID)<br>• Ticket Completion Date (CMPLTN_DT<br>• Percentage of Customer Troubles out of<br>• Service > 24 Hours (OOS>24_FLAG)<br>• Service type (CLASS_SVC_DESC)<br>• Disposition and Cause (CAUSE_CD & CAUSE-DESC)<br>• Geographic Scope<br><br>**NOTE:** Code in parentheses is the corresponding header found in the raw data file. | • Report Month<br>• Total Tickets<br>• BST Company Code<br>• Ticket Submission Date<br>• Ticket Submission time<br>• Ticket Completion Date<br>• Ticket Completion Time<br>• Percent of Customer Troubles out of Service > 24 Hours<br>• Service type<br>• Disposition and Cause (Non – Design/Non-Special only)<br>• Trouble Code (Design and Trunking Services)<br>• Geographic Scope |

**Retail Analog/Benchmark:**

CLEC Residence-Resale / BST Residence- Retail
CLEC Business- Resale / BST Business-Retail
CLEC Design-Resale / BST Design-Retail
CLEC PBX, Centrex and ISDN Resale / BST PBX, Centrex and ISDN Retail
CLEC Trunking-Resale /BST Trunking- Retail
UNEs Retail Analog – (See Appendix D)

Revision Date: 02/22/00 (see)

## MAINTENANCE & REPAIR

| **Report/Measurement:** | |
|---|---|
| **M&R-6. Average Answer Time – Repair Centers** | |
| **Definition:** | |
| This measures the average time a customers is in Que. | |
| **Exclusions:** | |
| None | |
| **Business Rules:** | |
| This measure is designed to measure the time required for CLEC & BST from the time of the ACD choice to the time of being answered. The clock starts when the CLEC Rep makes a choice to be put in queue for the next repair attendant and the clock stops when the repair attendant answers the call.<br><br>(NOTE: The Column is a combined BST Residence and Business number) | |
| **Level of Disaggregation:** | |
| Region. CLEC/BST Service Centers and BST Repair Centers are regional. | |
| **Calculation:** | |
| Average Answer Time for BST's Repair Centers = (Time BST Repair Attendant Answers Call) – (Time of entry into queue until ACD Selection) / (Total number of calls by reporting period) | |
| **Report Structure:** | |
| • CLEC Aggregate<br>• BST Aggregate | |
| **Data Retained Relating to CLEC Experience** | **Data Retained Relating to BST Experience** |
| • CLEC Average Answer Time | • BST Average Answer Time |
| **Retail Analog/Benchmark:** | |
| For CLEC, Average Answer Times in UNE Center and BRMC are comparable to the Average Answer Times in the BST Repair Centers.<br>See Appendix D | |

Revision Date: 02/22/00 (see)

## BILLING

| Report/Measurement: | |
|---|---|
| **B-1. Invoice Accuracy** | |
| **Definition:** | |
| This measure provides the percentage of accuracy of the billing invoices rendered to CLECs during the current month. | |
| **Exclusions:** | |
| • Adjustments not related to billing errors (e.g., credits for service outage, special promotion credits, adjustments to satisfy the customer) | |
| **Business Rules:** | |
| The accuracy of billing invoices delivered by BST to the CLEC must enable them to provide a degree of billing accuracy comparative to BST bills rendered to retail customers BST. CLECs request adjustments on bills determined to be incorrect. The BellSouth Billing verification process includes manually analyzing a sample of local bills from each bill period. The bill verification process draws from a mix of different customer billing options and types of service. An end-to-end auditing process is performed for new products and services. Internal measurements and controls are maintained on all billing processes. | |
| **Calculation:** | |
| **Invoice Accuracy** = (Total Billed Revenues during current month) – (Billing Related Adjustments during current month) / Total Billed Revenues during current month X 100 | |
| **Report Structure:** | |
| • CLEC Specific<br>• CLEC Aggregate<br>• BST Aggregate | |
| **Level of Disaggregation :** | |
| • Product / Invoice Type<br>➢ Resale<br>➢ UNE<br>➢ Interconnection<br>• Geographic Scope<br>➢ Region | |
| **Data Retained Relating to CLEC Experience:** | **Data Retained Relating to BST Performance:** |
| • Report Month<br>• Invoice Type<br>• Total Billed Revenue<br>• Billing Related Adjustments | • Report Month<br>• Retail Type<br>➢ CRIS<br>➢ CABS<br>• Total Billed Revenue<br>• Billing Related Adjustments |
| **Retail Analog/Benchmark** | |
| CLEC Invoice Accuracy is comparable to BST Invoice Accuracy<br>See Appendix D | |

Revision Date: 02/28/00 (dg)

## BILLING

**Report/Measurement:**

**B-2. Mean Time to Deliver Invoices**

**Definition:**

This measure provides the mean interval for billing invoices

**Exclusions:**

Any invoices rejected due to formatting or content errors.

**Business Rules:**

Measures the mean interval for timeliness of billing records delivered to CLECs in an agreed upon format. CRIS-based invoices are measured in business days, and CABS-based invoices in calendar days.

**Calculation:**

**Mean Time To Deliver Invoices** = Σ_[(Invoice Transmission Date)– (Close Date of Scheduled Bill Cycle)] / (Count of Invoices Transmitted in Reporting Period)

**Report Structure:**

- CLEC Specific
- CLEC Aggregate
- BST Aggregate

**Level of Disaggregation:**

- Product / Invoice Type
  - Resale
  - UNE
  - Interconnection
- Geographic Scope
  - Region

| Data Retained Relating to CLEC Experience: | Data Retained Relating to BST Performance: |
|---|---|
| • Report Month<br>• Invoice Type<br>• Invoice Transmission Count<br>• Date of Scheduled Bill Close | • Report Month<br>• Retail Type<br>  ➢ CRIS<br>  ➢ CABS<br>• Invoice Transmission Count<br>• Date of Scheduled Bill Close |

**Retail Analog/Benchmark:**

CRIS-based invoices will be released for delivery within six (6) business days
CABS-based invoices will be released for delivery within eight (8) calendar days.
CLEC Average Delivery Intervals for both CRIS and CABS Invoices are comparable to BST Average delivery for both systems.
See Appendix D

Revision Date: 02/28/00 (dg)

## BILLING

| **Report/Measurement:** | |
|---|---|
| **B-3. Usage Data Delivery Accuracy** | |
| **Definition:** | |
| This measurement captures the percentage of recorded usage that is delivered error free and in an acceptable format to the appropriate Competitive Local Exchange Carrier (CLEC). These percentages will provide the necessary data for use as a comparative measurement for BellSouth performance. This measurement captures Data Delivery Accuracy rather than the accuracy of the individual usage recording. | |
| **Exclusions:** | |
| None | |
| **Business Rules:** | |
| The accuracy of the data delivery of usage records delivered by BST to the CLEC must enable them to provide a degree of accuracy comparative to BST bills rendered to their retail customers. If errors are detected in the delivery process, they are investigated, evaluated and documented. Errors are corrected and the data retransmitted to the CLEC. | |
| **Calculations:** | |
| **Usage Data Delivery Accuracy** = Σ[(Total number of usage data packs sent during current month) – (Total number of usage data packs requiring retransmission during current month)] / (Total number of usage data packs sent during current month) X 100 | |
| **Report Structure:** | |
| • CLEC Specific<br>• CLEC Aggregate<br>• BST Aggregate | |
| **Level of Disaggregation:** | |
| • Geographic Scope<br>➢ Region | |
| **Data Retained Relating to CLEC Experience:** | **Data Retained Relating to BST Performance:** |
| • Report Month<br>• Record Type<br>➢ BellSouth Recorded<br>➢ Non BellSouth Recorded | • Report Month<br>• Record Type |
| **Retail Analog/Benchmark:** | |
| CLEC Usage Data Delivery Accuracy is comparable to BST Usage Data Delivery Accuracy<br>See Appendix D | |

Revision Date: 02/28/00 (dg)

## BILLING

| Report/Measurement: | |
|---|---|
| **B-4. Usage Data Delivery Completeness** | |
| **Definition:** | |
| This measurement provides percentage of complete and accurately recorded usage data (usage recorded by BellSouth and usage recorded by other companies and sent to BST for 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. | |
| **Exclusions:** | |
| None | |
| **Business Rules:** | |
| The purpose of these measurements is to demonstrate the level of quality of usage data delivered to the appropriate CLEC. Method of delivery is at the option of the CLEC. | |
| **Calculation:** | |
| Usage Data Delivery Completeness = Σ(Total number of Recorded usage records delivered during the current month that are within thirty (30) days of the message recording date) / Σ(Total number of Recorded usage records delivered during the current month) X 100 | |
| **Report Structure** | |
| • CLEC Specific<br>• CLEC Aggregate<br>• BST Aggregate | |
| **Level of Disaggregation:** | |
| • Geographic Scope<br>➢ Region | |
| **Data Retained Relating to CLEC Experience:** | **Data Retained Relating to BST Performance:** |
| • Report Month<br>• Record Type<br>➢ BellSouth Recorded<br>➢ Non BellSouth Recorded | • Report Monthly<br>• Record Type |
| **Retail Analog/Benchmark:** | |
| CLEC Usage Delivery Completeness is comparable to BST Usage Delivery Completeness<br>See Appendix D | |

Revision Date: 02/28/00 (dg)

## BILLING

| Report/Measurement: | |
|---|---|
| **B-5. Usage Data Delivery Timeliness** | |
| **Definition:** | |
| This measurement provides a percentage of recorded usage data (usage recorded by BST and usage recorded by other companies and sent to BST for billing) that is delivered to the appropriate CLEC within six (6) calendar days from the receipt of the initial recording. A parity measure is also provided showing timeliness of BST messages processed and transmitted via CMDS. Timeliness, Completeness and Mean Time to Deliver Usage measures are reported on the same report. | |
| **Exclusions:** | |
| None | |
| **Business Rules:** | |
| The purpose of this measurement is to demonstrate the level of timeliness for processing and transmission of usage data delivered to the appropriate CLEC. The usage data will be mechanically transmitted or mailed to the CLEC data processing center once daily. The Timeliness interval of usage recorded by other companies is measured from the date BST receives the records to the date BST distributes to the CLEC. Method of delivery is at the option of the CLEC. | |
| **Calculation:** | |
| Usage Data Delivery Timeliness = Σ(Total number of usage records sent within six (6) calendar days from initial recording/receipt) / Σ(Total number of usage records sent) X 100 | |
| **Report Structure:** | |
| • CLEC Aggregate<br>• CLEC Specific<br>• BST Aggregate | |
| **Level of Disaggregation:** | |
| • Geographic Scope<br>➢ Region | |
| **Data Retained Relating to CLEC Experience:** | **Data Retained Relating to BST Performance:** |
| • Report Month<br>• Record Type<br>➢ BellSouth Recorded<br>➢ Non-BellSouth Recorded | • Report Monthly<br>• Record Type |
| **Retail Analog/Benchmark:** | |
| CLEC Usage Data Delivery Timeliness is comparable to BST Usage Data Delivery Timeliness<br>See Appendix D | |

Revision date: 02/28/00 (dg)

## BILLING

| Report/Measurement: | |
|---|---|
| **B-6. Mean Time to Deliver Usage** | |
| **Definition:** | |
| This measurement provides the average time it takes to deliver Usage Records to a CLEC. A parity measure is also provided showing timeliness of BST messages processed and transmitted via CMDS. Timeliness, Completeness and Mean Time to Deliver Usage measures are reported on the same report. | |
| **Exclusions:** | |
| None | |
| **Business Rules:** | |
| The purpose of this measurement is to demonstrate the average number of days it takes BST to deliver Usage data to the appropriate CLEC. Usage data is mechanically transmitted or mailed to the CLEC data processing center once daily. Method of delivery is at the option of the CLEC. | |
| **Calculation:** | |
| Mean Time to Deliver Usage = Σ_(Record volume X estimated number of days to deliver the Usage Record) / total record volume | |
| **Report Structure:** | |
| • CLEC Aggregate<br>• CLEC Specific<br>• BST Aggregate | |
| **Level of Disaggregation:** | |
| • Geographic Scope<br>➢ Region | |
| **Data Retained Relating to CLEC Experience:** | **Data Retained Relating to BST Performance:** |
| • Report Month<br>• Record Type<br>➢ BellSouth Recorded<br>➢ Non-BellSouth Recorded | • Report Monthly<br>• Record Type |
| **Retail Analog/Benchmark:** | |
| Mean Time to Deliver Usage to CLEC is comparable to Mean Time to Deliver Usage to BST<br>See Appendix D | |

Revision Date: 02/28/00 (dg)

## OPERATOR SERVICES

| Report/Measurement: |
|---|
| **OS-1. Speed to Answer Performance/Average Speed to Answer – Toll** |
| **Definition:** |
| Measurement of the average time in seconds calls wait before answered by a toll operator. |
| **Exclusions:** |
| Calls abandoned by customers are not reflected in the average speed to answer but are reflected in the conversion tables where the percent answered within "X" seconds is determined. |
| **Business Rules:** |
| The call waiting measurement scan starts when the customer enters the queue and ends when a BST representative answers the call. The average speed to answer is determined by measuring and accumulating the seconds of wait time from the entry of a customer into the BST call management system queue until the customer is transferred to a BST representative. No distinction is made between CLEC customers and BST customers. |
| **Calculation:** |
| The Average Speed to Answer for toll is calculated by using data from monthly system measurement reports taken from the centralized call routing switches. The "total call waiting seconds" is a sub-component of this measure which BST systems calculate by monitoring the number of calls in queue throughout the day multiplied by the time (in seconds) between monitoring events. The "total calls served" is the other sub-component of this measure, which BST systems record as the total number of calls handled by Operator Services toll centers. Since calls abandoned are not reflected in the calculation, the percent answered within the required timeframe is determined by using conversion tables with input for the abandonment rate. |
| **Report Structure:** |
| • Reported for the aggregate of BST and CLECs<br>➢ State |
| **Level of Disaggregation:** |
| None |
| **Data Retained (on Aggregate Basis)** |
| For the items below, BST's Performance Measurement Analysis Platform (PMAP) receives a final computation; therefore, no raw data file is available in PMAP.<br>• Month<br>• Call Type (Toll)<br>• Average Speed of Answer |
| **Retail Analog/Benchmark** |
| Parity by Design<br>See Appendix D |

Revision Date: 02/28/00 (tg)

## OPERATOR SERVICES

| Report/Measurement: |
|---|
| **OS-2. Speed to Answer Performance/Percent Answered within "X" Seconds – Toll** |
| **Definition:** |
| Measurement of the percent of toll calls that are answered in less than "X" seconds. The number of seconds represented by "X" is thirty, except where a different regulatory benchmark has been set against the Average Speed to Answer by a State Commission. |
| **Exclusions:** |
| Calls abandoned by customers are not reflected in the average speed to answer but are reflected in the conversion tables where the percent answered within "X" seconds is determined. |
| **Business Rules:** |
| The call waiting measurement scan starts when the customer enters the queue and ends when a BST representative answers the call. The average speed to answer is determined by measuring and accumulating the seconds of wait time from the entry of a customer into the BST call management system queue until the customer is transferred to a BST representative. No distinction is made between CLEC customers and BST customers. |
| **Calculation:** |
| The Percent Answered within "X" Seconds measurement for toll is derived by using the BellCore Statistical Answer Conversion Tables, to convert the Average Speed to Answer measure into a percent of calls answered within "X" seconds. The BellCore Conversion Tables are specific to the defined parameters of work time, number of operators, max queue size and call abandonment rates. |
| **Report Structure:** |
| • Reported for the aggregate of BST and CLECs<br>➢ State |
| **Level of Disaggregation:** |
| None |
| **Data Retained (on Aggregate Basis)** |
| For the items below, BST's Performance Measurement Analysis Platform (PMAP) receives a final computation; therefore, no raw data file is available in PMAP.<br>• Month<br>• Call Type (Toll)<br>• Average Speed of Answer |
| **Retail Analog/Benchmark** |
| Parity by Design<br>See Appendix D |

Revision Date: 02/28/00 (tg)

## OPERATOR SERVICES

| Report/Measurement: |
|---|
| **OS-3. Speed to Answer Performance/Average Speed to Answer – Directory Assistance (DA)** |
| **Definition:** |
| Measurement of the average time in seconds calls wait before answer by a DA operator. |
| **Exclusions:** |
| Calls abandoned by customers are not reflected in the average speed to answer but are reflected in the conversion tables where the percent answered within "X" seconds is determined. |
| **Business Rules:** |
| The call waiting measurement scan starts when the customer enters the queue and ends when a BST representative answers the call. The average speed to answer is determined by measuring and accumulating the seconds of wait time from the entry of a customer into the BST call management system queue until the customer is transferred to a BST representative. No distinction is made between CLEC customers and BST customers. |
| **Calculation:** |
| The Average Speed to Answer for DA is calculated by using data from monthly system measurement reports taken from the centralized call routing switches. The "total call waiting seconds" is a sub-component of this measure which BST systems calculate by monitoring the number of calls in queue throughout the day multiplied by the time (in seconds) between monitoring events. The "total calls served" is the other sub-component of this measure, which BST systems record as the total number of calls handled by Operator Services DA centers. Since calls abandoned are not reflected in the calculation, the percent answered within the required timeframe is determined by using conversion tables with input for the abandonment rate. |
| **Report Structure:** |
| • Reported for the aggregate of BST and CLECs<br>➢ State |
| **Level of Disaggregation:** |
| None |
| **Data Retained (on Aggregate Basis)** |
| For the items below, BST's Performance Measurement Analysis Platform (PMAP) receives a final computation; therefore, no raw data file is available in PMAP.<br>• Month<br>• Call Type (DA)<br>• Average Speed of Answer |
| **Retail Analog/Benchmark** |
| Parity by Design<br>See Appendix D |

Revision Date: 02/28/00 (tg)

## OPERATOR SERVICES

| Report/Measurement: |
|---|
| **OS-4. Speed to Answer Performance/Percent Answered within "X" Seconds – Directory Assistance (DA)** |
| **Definition:** |
| Measurement of the percent of DA calls that are answered in less than "X" seconds. The number of seconds represented by "X" is twenty, except where a different regulatory benchmark has been set against the Average Speed to Answer by a State Commission. |
| **Exclusions:** |
| Calls abandoned by customers are not reflected in the average speed to answer but are reflected in the conversion tables where the percent answered within "X" seconds is determined. |
| **Business Rules:** |
| The call waiting measurement scan starts when the customer enters the queue and ends when a BST representative answers the call. The average speed to answer is determined by measuring and accumulating the seconds of wait time from the entry of a customer into the BST call management system queue until the customer is transferred to a BST representative. No distinction is made between CLEC customers and BST customers. |
| **Calculation:** |
| The Percent Answered within "X" Seconds measurement for DA is derived by using the BellCore Statistical Answer Conversion Tables, to convert the Average Speed to Answer measure into a percent of calls answered within "X" seconds. The BellCore Conversion Tables are specific to the defined parameters of work time, number of operators, max queue size and call abandonment rates. |
| **Report Structure:** |
| • Reported for the aggregate of BST and CLECs<br>➢ State |
| **Level of Disaggregation:** |
| None |
| **Data Retained (on Aggregate Basis)** |
| For the items below, BST's Performance Measurement Analysis Platform (PMAP) receives a final computation; therefore, no raw data file is available in PMAP.<br>• Month<br>• Call Type (DA)<br>• Average Speed of Answer |
| **Retail Analog/Benchmark** |
| Parity by Design<br>See Appendix D |

Revision Date: 02/28/00 (tg)

## E911

| Report/Measurement: |
|---|
| **E-1. Timeliness** |
| **Definition:** |
| Measures the percentage of batch orders for E911 database updates (to CLEC resale and BST retail records) processed successfully within a 24-hour period. |
| **Exclusions:** |
| • Any resale order canceled by a CLEC<br>• Facilities-based CLEC orders |
| **Business Rules:** |
| The 24-hour processing period is calculated based on the date and time processing starts on the batch orders and the date and time processing stops on the batch orders. Mechanical processing starts when SCC (BST's E911 vendor) receives E911 files containing batch orders extracted from BST's Service Order Communication System (SOCS). Processing stops when SCC loads the individual records to the E911 database. No distinctions are made between CLEC resale records and BST retail records. |
| **Calculation:** |
| E911 Timeliness = Σ (Number of batch orders processed within 24 hours ÷ Total number of batch orders submitted) X 100 |
| **Report Structure:** |
| • Reported for the aggregate of CLEC resale updates and BST retail updates<br>➢ State<br>➢ Region |
| **Levels of Disaggregation:** |
| None |
| **Data Retained** |
| • Report month<br>• Aggregate data |
| **Retail Analog/Benchmark** |
| Parity by Design<br>See Appendix D |

Revision Date: 02/28/00 (tg)

## E911

| Report/Measurement: |
|---|
| **E-2. Accuracy** |
| **Definition:** |
| Measures the individual E911 telephone number (TN) record updates (to CLEC resale and BST retail records) processed successfully for E911 with no errors. |
| **Exclusions:** |
| • Any resale order canceled by a CLEC<br>• Facilities-based CLEC orders |
| **Business Rules:** |
| Accuracy is based on the number of records processed without error at the conclusion of the processing cycle. Mechanical processing starts when SCC (BST's E911 vendor) receives E911 files containing telephone number (TN) records extracted from BST's Service Order Communication System (SOCS). No distinctions are made between CLEC resale records and BST retail records. |
| **Calculation:** |
| E911 Accuracy = Σ(Number of record individual updates processed with no errors ÷ Total number of individual record updates) X 100 |
| **Report Structure:** |
| • Reported for the aggregate of CLEC resale updates and BST retail updates<br>➢ State<br>➢ Region |
| **Level of Disaggregation:** |
| None |
| **Data Retained** |
| • Report month<br>• Aggregate data |
| **Retail Analog/Benchmark** |
| Parity by Design<br>See Appendix D |

Revision Date: 02/28/00 (tg)

## E911

| Report/Measurement: |
|---|
| **E-3. Mean Interval** |
| **Definition:** |
| Measures the mean interval processing of E911 batch orders (to update CLEC resale and BST retail records). |
| **Exclusions:** |
| • Any resale order canceled by a CLEC<br>• Facilities-based CLEC orders |
| **Business Rules:** |
| The processing period is calculated based on the date and time processing starts on the batch orders and the date and time processing stops on the batch orders. Data is posted in 4-hour increments up to and beyond 24 hours. No distinctions are made between CLEC resale records and BST retail records. |
| **Calculation:** |
| E911 Mean Interval = Σ (Date and time of batch order completion – Date and time of batch order submission) ÷ (Number of batch orders completed) |
| **Report Structure:** |
| • Reported for the aggregate of CLEC resale updates and BST retail updates<br>➢ State<br>➢ Region |
| **Level of Disaggregation:** |
| None |
| **Data Retained (on Aggregate Basis)** |
| • Report month<br>• Aggregate data |
| **Retail Analog/Benchmark** |
| Parity by Design<br>See Appendix D |

Revision Date: 02/28/00 (tg)

## TRUNK GROUP PERFORMANCE

**Report/Measurement:**

**TGP-1. Trunk Group Performance-Aggregate**

**Definition:**

A report of aggregate blocking information for CLEC trunk groups and BellSouth trunk groups.

**Exclusions:**

- Trunk Groups for which valid data is not available for an entire study period
- Duplicate trunk group information

**Business Rules:**

- Aggregate blocking results are created using the statistical analysis package and are output into Excel with separate table for each geographic area.

- For each geographic area, plots are generated for: a) the monthly blocking by hour for each affecting group (BellSouth or CLEC), and b) the difference between BellSouth blocking data and CLEC blocking data is calculated and plotted.

- The TCBH blocking is calculated by determining the monthly averaging blocking for each hour for each trunk. The hour with the highest usage is selected as the TCBH and the blocking for that hour is reported.

- Trunk Categorization: This report displays, over a reporting cycle, aggregate, weighted average blocking data for each hour of a day. Therefore, for each reporting cycle, 24 blocking data points are generated for two aggregate groups of selected trunk groups. These groups are CLEC affecting and BellSouth affecting trunk groups. In order to assign trunk groups to each aggregate group, all trunk groups are first assigned to a category. A trunk group's end points and the type of traffic that is transmitted on it define a category. Selected categories of trunk groups are assigned to the aggregate groups to that trunk reports can be generated. The categories to which trunk groups have been assigned for this report are as follows:

**CLEC Affecting Categories:**

| | Point A | Point B |
|---|---|---|
| Category 1: | BellSouth End Office | BellSouth Access Tandem |
| Category 3: | BellSouth End Office | CLEC Switch |
| Category 4: | BellSouth Local Tandem | CLEC Switch |
| Category 5: | BellSouth Access Tandem | CLEC Switch |
| Category 10: | BellSouth End Office | BellSouth Local Tandem |
| Category 16: | BellSouth Tandem | BellSouth Tandem |

**BellSouth Affecting Category:**

| | Point A | Point B |
|---|---|---|
| Category 9: | BellSouth End Office | BellSouth End Office |

## TRUNK GROUP PERFORMANCE - (Trunk Group Performance-Aggregate – Continued)

**Calculation:**

**Monthly Weighted Average Blocking:**

(Blocking data for each hour X number of valid measurement days within each week) / Σ (Total number of valid measurement days within each week)

| Example: | | Week 1 | Week 2 | Week 3 | Week 4 | Monthly |
|---|---|---|---|---|---|---|
| Hour | | | | | | |
| 1 | Blocking | 1% | 0.5% | 2% | 1.5% | 1.8% |
| | # Days | 7 | 7 | 5 | 6 | |
| 2 | Blocking | 0% | 0% | 0.2% | 0.3% | .1% |
| | # Days | 7 | 5 | 5 | 7 | |
| 3 | Blocking | 1% | 1% | 0.5% | 2% | 1.1% |
| | # Days | 7 | 7 | 7 | 7 | |
| 24 | Blocking | 1% | 0.5% | 2% | 1.5% | 1.2% |
| | # Days | 7 | 7 | 5 | 6 | |

The monthly weighted average blocking for hour 1 for a particular trunk group is calculated as follows:

$$\frac{(1x5)+(0.5x5)+(2x4)+(1.5x4)}{(5+5+4+4)} = 1.2\%$$

Aggregate Monthly Blocking:

(Monthly weighted average blocking value for each trunk group) X (number of trunks within each trunk group) / Σ (number of trunks in the aggregate group)

| Example: Trunk Group | Trunks in Service | Blocking Hour 1 | Blocking Hour 2 | Blocking Hour 3 | Blocking Hour 4 | ..... Blocking Hour 24 |
|---|---|---|---|---|---|---|
| A | 24 | 3% | 0% | 1% | 0% | 0% |
| B | 144 | 2% | 0% | 1% | 0.5% | 0.5% |
| C | 528 | 0% | 0.5% | 1% | 1% | 1% |
| D | 316 | 1% | 0% | 1% | 0.1% | 0% |
| E | 940 | 1% | 1% | 4% | 0% | 0% |
| Aggregate | | 0.8% | 0.6% | 2.4% | 0.3% | 0.3% |

The aggregate weighted monthly blocking for hour 1 is calculated as follows:

$$\frac{(3x24)+(2x144)+(0x528)+(1x316)+(1x940)}{(24+144+528+316+940)} = 0.8\%$$

The purpose of the Trunk Group Performance Report is to provide trunk blocking measurements on CLEC and BST trunk groups for comparison only. It is not the intent of the report that it be used for network management and/or engineering.

**Report Structure:**

- CLEC Aggregate
  - State

**Level of Disaggregation:**

Trunk Group

| Data Retained Relating to CLEC Experience | Data Retained Relating to BST Experience |
|---|---|
| • Report Month<br>• Total Trunk Groups<br>• Number of Trunk Groups by CLEC<br>• Hourly average blocking per trunk group | • Report Month<br>• Total Trunk Groups<br>• Aggregate Hourly average blocking |

**Retail Analog/Benchmark:**

Any 2 hour period in 24 hours where CLEC blockage exceeds BST blockage by more than 0.5% = a miss using trunk groups 1, 3, 4, 5, 10, 16 for CLECs and 9 for BST.

Revision Date: 02/28/00 (tm)

## TRUNK GROUP PERFORMANCE

**Report/Measurement:**

**TGP-2. Trunk Group Performance-CLEC Specific**

**Definition:**

A report of blocking information for CLEC trunk groups.

**Exclusions:**

- Trunk Groups for which valid data is not available for an entire study period
- Duplicate trunk group information

**Business Rules:**

- Aggregate blocking results are created using the statistical analysis package and are output into Excel with separate table for each geographic area.
- For each geographic area, plots are generated for the monthly blocking by hour
- The TCBH blocking is calculated by determining the monthly averaging blocking for each hour for each trunk. The hour with the highest usage is selected as the TCBH and the blocking for that hour is reported.
- Trunk Categorization: This report displays, over a reporting cycle, aggregate, weighted average blocking data for each hour of a day. Therefore, for each reporting cycle, 24 blocking data points are generated for CLEC trunk groups. In order to assign trunk groups to the CLEC group, all trunk groups are first assigned to a category. A trunk group's end points and the type of traffic that is transmitted on it define a category. Selected categories of trunk groups are assigned to the aggregate groups to that trunk reports can be generated. The categories to which trunk groups have been assigned for this report are as follows:

**CLEC Affecting Categories:**

| | Point A | Point B |
|---|---|---|
| Category 1: | BellSouth End Office | BellSouth Access Tandem |
| Category 3: | BellSouth End Office | CLEC Switch |
| Category 4: | BellSouth Local Tandem | CLEC Switch |
| Category 5: | BellSouth Access Tandem | CLEC Switch |
| Category 10: | BellSouth End Office | BellSouth Local Tandem |
| Category 16: | BellSouth Tandem | BellSouth Tandem |

## TRUNK GROUP PERFORMANCE - (Trunk Group Performance-CLEC Specific – Continued)

**Calculation:**

**Monthly Weighted Average Blocking:**

(Blocking data for each hour X number of valid measurement days within each week) / Σ (Total number of valid measurement days within each week)

| Example: | | Week 1 | Week 2 | Week 3 | Week 4 | Monthly |
|---|---|---|---|---|---|---|
| Hour | | | | | | |
| 1 | Blocking | 1% | 0.5% | 2% | 1.5% | 1.8% |
| | # Days | 7 | 7 | 5 | 6 | |
| 2 | Blocking | 0% | 0% | 0.2% | 0.3% | .1% |
| | # Days | 7 | 5 | 5 | 7 | |
| 3 | Blocking | 1% | 1% | 0.5% | 2% | 1.1% |
| | # Days | 7 | 7 | 7 | 7 | 5 |
| 24 | Blocking | 1% | 0.5% | 2% | 1.5% | 1.2% |
| | # Days | 7 | 7 | 5 | 6 | |

The monthly weighted average blocking for hour 1 for a particular trunk group is calculated as follows:

$$\frac{(1x5)+(0.5x5)+(2x4)+(1.5x4)}{(5+5+4+4)} = 1.2\%$$

---

Aggregate Monthly Blocking:

(Monthly weighted average blocking value for each trunk group) X (number of trunks within each trunk group) / Σ (number of trunks in the aggregate group)

| Example: Trunk Group | Trunks in Service | Blocking Hour 1 | Blocking Hour 2 | Blocking Hour 3 | Blocking Hour 4 | ..... Blocking Hour 24 |
|---|---|---|---|---|---|---|
| A | 24 | 3% | 0% | 1% | 0% | 0% |
| B | 144 | 2% | 0% | 1% | 0.5% | 0.5% |
| C | 528 | 0% | 0.5% | 1% | 1% | 1% |
| D | 316 | 1% | 0% | 1% | 0.1% | 0% |
| E | 940 | 1% | 1% | 4% | 0% | 0% |
| Aggregate | | 0.8% | 0.6% | 2.4% | 0.3% | 0.3% |

The aggregate weighted monthly blocking for hour 1 is calculated as follows:

$$\frac{(3x24)+(2x144)+(0x528)+(1x316)+(1x940)}{(24+144+528+316+940)} = 0.8\%$$

The purpose of the Trunk Group Performance Report is to provide trunk blocking measurements on CLEC and BST trunk groups for comparison only. It is not the intent of the report that it be used for network management and/or engineering.

**Report Structure:**

- CLEC Specific
- Trunk Group

**Level of Disaggregation:**

Trunk Group

| Data Retained Relating to CLEC Experience | Data Retained Relating to BST Experience |
|---|---|
| • Report Month<br>• Total Trunk Groups<br>• Number of Trunk Groups by CLEC<br>• Hourly average blocking per trunk group | • Report Month<br>• Total Trunk Groups<br>• Aggregate Hourly average blocking |

**Retail Analog/Benchmark:**

Any 2 hour period in 24 hours where CLEC blockage exceeds BST blockage by more than 0.5% = a miss using trunk groups 1, 3, 4, 5, 10, 16 for CLECs and 9 for BST.

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## TRUNK GROUP PERFORMANCE

**Report/Measurement:**

**TGP-3. Trunk Group Service Report**

**Definition:**

A report of the percent blocking above the Measured Blocking Threshold (MBT) on all final trunk groups between CLEC Points of Termination and BST end offices or tandems.

**Exclusions:**

- Trunk groups for which valid traffic data is not available
- High use trunk groups

**Business Rules:**

Traffic trunking data measurements are validated and processed by the Total Network Data System/Trunking (TNDS.TK), a Telcordia (BellCore) supported application, on an hourly basis for Average Business Days (Monday through Friday). The traffic load sets, including offered load and observed blocking ratio (calls blocked divided by calls attempted), are averaged for a 20 day period, and the busy hour is selected. The busy hour average data for each trunk group is captured for reporting purposes. Although all trunk groups are available for reporting, the report highlight those trunk groups with blocking greater than the Measured Blocking Threshold (MBT) and the number of consecutive monthly reports that the trunk group blocking has exceeded the MBT. The MBT for CTTG is 2% and the MBT for all other trunk groups is 3%.

**Calculation:**

Measured blocking = (Total number of blocked calls) / (Total number of attempted calls) X 100

**Report Structure:**

- BST Aggregate
  - CTTG
  - Local
- CLEC Aggregate
  - BST Administered CLEC Trunk
  - CLEC Administered CLEC Trunk
- CLEC Specific
  - BST Administered CLEC Trunk
  - CLEC Administered CLEC Trunk

**Level of Disaggregation:**

State

| Data Retained Relating to CLEC Experience | Data Retained Relating to BST Experience |
|---|---|
| • Report month<br>• Total trunk groups<br>• Total trunk groups for which data is available<br>• Trunk groups with blocking greater than the MBT<br>• Percent of trunk groups with blocking greater than the MBT | • Report month<br>• Total trunk groups<br>• Total trunk groups for which data is available<br>• Trunk groups with blocking greater than the MBT<br>• Percent of trunk groups with blocking greater than the MBT |

**Retail Analog/Benchmark:**

CLEC Trunk Blockage/BST Trunk Blockage
See Appendix D

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## TRUNK GROUP PERFORMANCE

**Report/Measurement:**

**TGP-4. Trunk Group Service Detail**

**Definition:**

A detailed list of all final trunk groups between CLEC Points of Presence and BST end offices or tandems, and the actual blocking performance when the blocking exceeds the Measured Blocking Threshold (MBT) for the trunk groups.

**Exclusions:**

- Trunk groups for which valid traffic data is not available
- High use trunk groups

**Business Rules:**

Traffic trunking data measurements are validated and processed by the Total Network Data System/Trunking (TNDS/TK), a Telcordia (Bellcore) supported application, on an hourly basis for Average Business Days (Monday through Friday). The traffic load sets, including offered load and observed blocking ratio (calls blocked divided by calls attempted), are averaged for a 20 day period, and the busy hour is selected. The busy hour average data for each trunk group is captured for reporting purposes. Although all trunk groups are available for reporting, the report highlight those trunk groups with blocking greater than the Measured Blocking Threshold (MBT) and the number of consecutive monthly reports that the trunk group blocking has exceeded the MBT. The MBT for CTTG is 2% and the MBT for all other trunk groups is 3%.

**Calculation:**

Measured Blocking = (Total number of blocked calls) / (Total number of attempted calls) X 100

**Report Structure:**

- BST Specific
  - Traffic Identity
  - TGSN
  - Tandem
  - End Office
  - Description
  - Observed Blocking
  - Busy Hour
  - Number Trunks
  - Valid study days
  - Number reports
  - Remarks

- CLEC Specific
  - Traffic Identity
  - TGSN
  - Tandem
  - CLEC POT
  - Description
  - Observed Blocking
  - Busy Hour
  - Number Trunks
  - Valid study days
  - Number reports
  - Remarks

**Level of Disaggregation:**

State

| **Data Retained Relating to CLEC Experience** | **Data Retained Relating to BST Experience** |
|---|---|
| • Report month<br>• Total trunk groups<br>• Total trunk groups for which data is available<br>• Trunk groups with blocking greater than the MBT<br>• Percent of trunk groups with blocking greater than the MBT<br>• Traffic identity, TGSN, end points, description, busy hour, valid study days, number reports | • Report month<br>• Total trunk groups<br>• Total trunk groups for which data is available<br>• Trunk groups with blocking greater than the MBT<br>• Percent of trunk groups with blocking greater than the MBT<br>• Traffic identity, TGSN, end points, description, busy hour, valid study days, number reports |

**Retail Analog/Benchmark:**

CLEC Trunk Blockage/BST Blockage
See Appendix D

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## COLLOCATION

| Report/Measurement: |
|---|
| **C-1. Average Response Time** |
| **Definition:** |
| Measures the average time (counted in business days) from the receipt of a complete and accurate collocation application (including receipt of application fees) to the date BellSouth responds in writing. |
| **Exclusions:** |
| • Requests to augment previously completed arrangements<br>• Any application cancelled by the CLEC |
| **Business Rules:** |
| The clock starts on the date that BST receives a complete and accurate collocation application accompanied by the appropriate application fee. The clock stops on the date that BST returns a response. The clock will restart upon receipt of changes to the original application request. |
| **Calculation:** |
| Average Response Time = Σ(Request Response Date) – (Request Submission Date) / Count of Responses Returned within Reporting Period. |
| **Report Structure:** |
| • Individual CLEC (alias) aggregate<br>• Aggregate of all CLECs |
| **Level of Disaggregation:** |
| • State, Region and further geographic disaggregation as required by State Commission Order (e.g. Metropolitan Service Area – MSA)<br>• Virtual<br>• Physical |
| **Data Retained:** |
| • Report period<br>• Aggregate data |
| **Retail Analog/Benchmark:** |
| See Appendix D |

Revision Date: 01/27/00 (tg)

## COLLOCATION

| Report/Measurement: |
|---|
| **C-2. Average Arrangement Time** |
| **Definition:** |
| Measures the average time from the receipt of a complete and accurate Bona Fide firm order (including receipt of appropriate fee) to the date BST completes the collocation arrangement. |
| **Exclusions:** |
| • Any Bona Fide firm order cancelled by the CLEC<br>• Bona Fide firm orders to augment previously completed arrangements<br>• Time for BST to obtain permits<br>• Time during which the collocation contract is being negotiated |
| **Business Rules:** |
| The clock starts on the date that BST receives a complete and accurate Bona Fide firm order accompanied by the appropriate fee. The clock stops upon submission of the permit request and restarts upon receipt of the approved permit. Changes (affecting the provisioning interval or capital expenditures) that are submitted while provisioning is in progress may alter the completion date. The clock stops on the date that BST completes the collocation arrangement. |
| **Calculation:** |
| Average Arrangement Time = Σ(Date Collocation Arrangement is Complete) – (Date Order for Collocation Arrangement Submitted) / Total Number of Collocation Arrangements Completed during Reporting Period. |
| **Report Structure:** |
| • Individual CLEC (alias) aggregate<br>• Aggregate of all CLECs |
| **Level of Disaggregation:** |
| • State, Region and further geographic disaggregation as required by State Commission Order (e.g. Metropolitan Service Area – MSA)<br>• Virtual<br>• Physical |
| **Data Retained:** |
| • Report period<br>• Aggregate data |
| **Retail Analog/Benchmark:** |
| See Appendix D |

Revision Date: 01/27/00 (tg)

## COLLOCATION

| Report/Measurement: |
|---|
| **C-3. Percent of Due Dates Missed** |
| **Definition:** |
| Measures the percent of missed due dates for collocation arrangements. |
| **Exclusions:** |
| • Any Bona Fide firm order cancelled by the CLEC<br>• Bona Fide firm orders to augment previously completed arrangements<br>• Time for BST to obtain permits<br>• Time during which the collocation contract is being negotiated |
| **Business Rules:** |
| The clock starts on the date that BST receives a complete and accurate Bona Fide firm order accompanied by the appropriate fee. The clock stops on the date that BST completes the collocation arrangement. |
| **Calculation:** |
| % of Due Dates Missed = Σ (Number of Orders not completed w/i ILEC Committed Due Date during Reporting Period) / Number of Orders Completed in Reporting Period) X 100 |
| **Report Structure:** |
| • Individual CLEC (alias) aggregate<br>• Aggregate of all CLECs |
| **Level of Disaggregation:** |
| • State, Region and further geographic disaggregation as required by State Commission Order (e.g. Metropolitan Service Area-MSA)<br>• Virtual<br>• Physical |
| **Data Retained:** |
| • Report period<br>• Aggregate data |
| **Retail Analog/Benchmark:** |
| 90% ≤ Commit Date |

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## Appendix A: Reporting Scope*

| | |
|---|---|
| **Standard Service Groupings** | *Pre-Order, Ordering*<br>➢ Resale Residence<br>➢ Resale Business<br>➢ Resale Special<br>➢ Local Interconnection Trunks<br>➢ UNE<br>➢ UNE - Loops w/LNP<br><br>*Provisioning*<br>➢ UNE Non-Design<br>➢ UNE Design<br>➢ Local Interconnection Trunks<br>➢ Resale Residence<br>➢ Resale Business<br>➢ Resale Design<br>➢ BST Trunks<br>➢ BST Residence Retail<br>➢ BST Business Retail<br>➢ BST Design Retail<br><br>*Maintenance and Repair*<br>➢ Local Interconnection Trunks<br>➢ UNE Non-Design<br>➢ UNE Design<br>➢ Resale Residence<br>➢ Resale Business<br>➢ Resale Design<br>➢ BST Interconnection Trunks<br>➢ BST Residence Retail<br>➢ BST Business Retail<br>➢ BST Design Retail<br><br>Local Interconnection Trunk Group Blockage<br>➢ BST CTTG Trunk Groups<br>➢ CLEC Trunk Groups |

## Appendix A: Reporting Scope*

| | |
|---|---|
| **Standard Service Order Activities**<br><br>*These are the generic BST/CLEC service order activities which are included in the Pre-Ordering, Ordering, and Provisioning sections of this document. It is not meant to indicate specific reporting categories.* | ➢ New Service Installations<br>➢ Service Migrations Without Changes<br>➢ Service Migrations With Changes<br>➢ Move and Change Activities<br>➢ Service Disconnects (Unless noted otherwise) |
| | |
| **Pre-Ordering Query Types:**<br><br>**Maintenance Query Types:** | ➢ Address<br>➢ Telephone Number<br>➢ Appointment Scheduling<br>➢ Customer Service Record<br>➢ Feature Availability |
| | |
| **Report Levels** | ➢ CLEC RESH<br>➢ CLEC MSA<br>➢ CLEC State<br>➢ CLEC Region<br>➢ Aggregate CLEC State<br>➢ Aggregate CLEC Region<br>➢ BST State<br>➢ BST Region |

* Scope is report, data source and system dependent, and, therefore, will differ with each report.

## Appendix B: Glossary of Acronyms and Terms

| | | |
|---|---|---|
| A | **ACD** | Automatic Call Distributor - A service that provides status monitoring of agents in a call center and routes high volume incoming telephone calls to available agents while collecting management information on both callers and attendants. |
| | **AGGREGATE** | Sum total of all items in like category, e.g. CLEC aggregate equals the sum total of all CLECs' data for a given reporting level. |
| | **ASR** | Access Service Request - A request for access service terminating delivery of carrier traffic into a Local Exchange Carrier's network. |
| | **ATLAS** | Application for Telephone Number Load Administration System - The BellSouth Operations System used to administer the pool of available telephone numbers and to reserve selected numbers from the pool for use on pending service requests/service orders. |
| | **ATLASTN** | ATLAS software contract for Telephone Number |
| | **AUTO CLARIFICATION** | The number of LSRs that were electronically rejected from LESOG and electronically returned to the CLEC for correction. |
| B | **BILLING** | The process and functions by which billing data is collected and by which account information is processed in order to render accurate and timely billing. |
| | **BOCRIS** | Business Office Customer Record Information System - A front-end presentation manager used by BellSouth organizations to access the CRIS database. |
| | **BRC** | Business Repair Center – The BellSouth Business Systems trouble receipt center which serves large business and CLEC customers. |
| | **BST** | BellSouth Telecommunications, Inc. |
| C | **CKTID** | A unique identifier for elements combined in a service configuration |
| | **CLEC** | Competitive Local Exchange Carrier |
| | **CMDS** | Centralized Message Distribution System - BellCore administered national system used to transfer specially formatted messages among companies. |
| | **COFFI** | Central Office Feature File Interface - A BellSouth Operations System database which maintains Universal Service Order Code (USOC) information based on current tariffs. |

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

| | | |
|---|---|---|
| C | COFIUSOC | COFFI software contract for feature/service information |
| | CRIS | Customer Record Information System - The BellSouth proprietary corporate database and billing system for non-access customers and services. |
| | CRSACCTS | CRIS software contract for CSR information |
| | CSR | Customer Service Record |
| | CTTG | Common Transport Trunk Group - Final trunk groups between BST & Independent end offices and the BST access tandems. |
| D | DESIGN | Design Service is defined as any Special or Plain Old Telephone Service Order which requires BellSouth Design Engineering Activities |
| | DISPOSITION & CAUSE | Types of trouble conditions, e.g. No Trouble Found, Central Office Equipment, Customer Premises Equipment, etc. |
| | DLETH | Display Lengthy Trouble History - A history report that gives all activity on a line record for trouble reports in LMOS |
| | DLR | Detail Line Record - All the basic information maintained on a line record in LMOS, e.g. name, address, facilities, features etc. |
| | DOE | Direct Order Entry System - An internal BellSouth service order entry system used by BellSouth Service Representatives to input business service orders in BellSouth format. |
| | DSAP | DOE (Direct Order Entry) Support Application - The BellSouth Operations System which assists a Service Representative or similar carrier agent in negotiating service provisioning commitments for non-designed services and UNEs. |
| | DSAPDDI | DSAP software contract for schedule information |
| E | E911 | Provides callers access to the applicable emergency services bureau by dialing a 3-digit universal telephone number. |
| | EDI | Electronic Data Interchange - The computer-to-computer exchange of inter and/or intra company business documents in a public standard format. |
| F | FATAL REJECT | The number of LSRs that were electronically rejected from LEO, which checks to see of the LSR has all the required fields correctly populated |
| | FLOW-THROUGH | In the context of this document, LSRs submitted electronically via the CLEC mechanized ordering process that flow through to the BST OSS without manual or human intervention. |
| | FOC | Firm Order Confirmation - A notification returned to the CLEC confirming that the LSR has been received and accepted, including the specified commitment date. |

## Appendix B: Glossary of Acronyms and Terms - Continued

| | | |
|---|---|---|
| G | | |
| H | **HAL** | "Hands Off" Assignment Logic - Front end access and error resolution logic used in interfacing BellSouth Operations Systems such as ATLAS, BOCRIS, LMOS, PSIMS, RSAG and SOCS. |
| | **HALCRIS** | HAL software contract for CSR information |
| I | **ISDN** | Integrated Services Digital Network |
| K | | |
| L | **LCSC** | Local Carrier Service Center - The BellSouth center which is dedicated to handling CLEC LSRs, ASRs, and Preordering transactions along with associated expedite requests and escalations. |
| | **LEGACY SYSTEM** | Term used to refer to BellSouth Operations Support Systems (see OSS) |
| | **LENS** | Local Exchange Negotiation System - The BellSouth LAN/web server/OS application developed to provide both preordering and ordering electronic interface functions for CLECs. |
| | **LEO** | Local Exchange Ordering - A BellSouth system which accepts the output of EDI, applies edit and formatting checks, and reformats the Local Service Requests in BellSouth Service Order format. |
| | **LESOG** | Local Exchange Service Order Generator - A BellSouth system which accepts the service order output of LEO and enters the Service Order into the Service Order Control System using terminal emulation technology. |
| | **LMOS** | Loop Maintenance Operations System - A BellSouth Operations System that stores the assignment and selected account information for use by downstream OSS and BellSouth personnel during provisioning and maintenance activities. |
| | **LMOS HOST** | LMOS host computer |
| | **LMOSupd** | LMOS updates |
| | **LNP** | Local Number Portability - In the context of this document, the capability for a subscriber to retain his current telephone number as he transfers to a different local service provider. |
| | **LOOPS** | Transmission paths from the central office to the customer premises. |
| | **LSR** | Local Service Request – A request for local resale service or unbundled network elements from a CLEC. |
| M | **MAINTENANCE & REPAIR** | The process and function by which trouble reports are passed to BellSouth and by which the related service problems are resolved. |
| | **MARCH** | A BellSouth Operations System which accepts service orders, interprets the coding contained in the service order image, and constructs the specific switching system Recent Change command messages for input into end office switches. |

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

| N | NC | "No Circuits" - All circuits busy announcement |
|---|---|---|
| O | **OASIS** | Obtain Availability Services Information System - A BellSouth front-end processor, which acts as an interface between COFFI and RNS. This system takes the USOCs in COFFI and translates them to English for display in RNS. |
| | **OASISBSN** | OASIS software contract for feature/service |
| | **OASISCAR** | OASIS software contract for feature/service |
| | **OASISLPC** | OASIS software contract for feature/service |
| | **OASISMTN** | OASIS software contract for feature/service |
| | **OASISNET** | OASIS software contract for feature/service |
| | **OASISOCP** | OASIS software contract for feature/service |
| | **ORDERING** | The process and functions by which resale services or unbundled network elements are ordered from BellSouth as well as the process by which an LSR or ASR is placed with BellSouth. |
| | **OSPCM** | Outside Plant Contract Management System - Provides Scheduling Information. |
| | **OSS** | Operations Support System - A support system or database which is used to mechanize the flow or performance of work. The term is used to refer to the overall system consisting of hardware complex, computer operating system(s), and application which is used to provide the support functions. |
| | **OUT OF SERVICE** | Customer has no dial tone and cannot call out. |
| P | **POTS** | Plain Old Telephone Service |
| | **PREDICTOR** | The BellSouth Operations system which is used to administer proactive maintenance and rehabilitation activities on outside plant facilities, provide access to selected work groups (e.g. RRC & BRC) to Mechanized Loop Testing and switching system I/O ports, and provide certain information regarding the attributes and capabilities of outside plant facilities. |
| | **PREORDERING** | The process and functions by which vital information is obtained, verified, or validated prior to placing a service request. |
| | **PROVISIONING** | The process and functions by which necessary work is performed to activate a service requested via an LSR or ASR and to initiate the proper billing and accounting functions. |
| | **PSIMS** | Product/Service Inventory Management System - A BellSouth database Operations System which contains availability information on switching system features and capabilities and on BellSouth service availability. This database is used to verify the availability of a feature or service in an NXX prior to making a commitment to the customer. |
| | **PSIMSORB** | PSIMS software contract for feature/service |

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

| | | |
|---|---|---|
| Q | | |
| R | RNS | Regional Negotiation System - An internal BellSouth service order entry system used by BellSouth Consumer Services to input service orders in BellSouth format. |
| | RRC | Residence Repair Center - The BellSouth Consumer Services trouble receipt center which serves residential customers. |
| | RSAG | Regional Street Address Guide - The BellSouth database, which contains street addresses validated to be accurate with state and local governments. |
| | RSAGADDR | RSAG software contract for address search |
| | RSAGTN | RSAG software contract for telephone number search |
| S | SOCS | Service Order Control System - The BellSouth Operations System which routes service order images among BellSouth drop points and BellSouth Operations Systems during the service provisioning process. |
| | SOIR | Service Order Interface Record - any change effecting activity to a customer account by service order that impacts 911/E911. |
| T | TAFI | Trouble Analysis Facilitation Interface - The BellSouth Operations System that supports trouble receipt center personnel in taking and handling customer trouble reports. |
| | TAG | Telecommunications Access Gateway – TAG was designed to provide an electronic interface, or machine-to-machine interface for the bi-directional flow of information between BellSouth's OSSs and participating CLECs. |
| | TN | Telephone Number |
| | TOTAL MANUAL FALLOUT | The number of LSRs which are entered electronically but require manual entering into a service order generator. |
| U | UNE | Unbundled Network Element |
| V | | |
| W | WTN | A unique identifier for elements combined in a service configuration |
| X | | |
| Y | | |
| Z | | |
| Σ | | Sum of: |

# Appendix C

**BELLSOUTH'S AUDIT POLICY:**

BellSouth currently provides many CLECs with certain audit rights as a part of their individual interconnection agreements. However, it is not reasonable for BellSouth to undergo an audit of the SQM for every CLEC with which it has a contract. BellSouth has developed a proposed Audit Plan for use by the parties to an audit. If requested by a Public Service Commission or by a CLEC exercising contractual audit rights, BellSouth will agree to undergo a comprehensive audit of the aggregate level reports for both BellSouth and the CLEC(s) for each of the next five (5) years (2000 – 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 CLEC or 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 CLEC(s) 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.

**APPENDIX D**
**Analogs and Benchmarks**

| BST SQM Category | MEASURES AND SUB-METRICS | RESALE Retail Analogue | UNES Retail Analogue | Benchmark* |
|---|---|---|---|---|
| Pre-Ordering | **Percent Response Received within "X" seconds** | Parity w/ retail where applicable. | | |
| | **OSS Interface Availability** | | | 99.5% |
| | | | | |
| Ordering | **Percent Flow-Through Service Request** | | | |
| | • Residence | | | 90% |
| | • Business | | | 80% |
| | • UNE | | | 80% |
| | **Percent Rejected Service Request** | Diagnostic | | Diagnostic |
| | **Reject Interval (Mechanized)** | UD | UD | 95% within 1 hrs |
| | • Reject Interval (Non-Mechanized and Partially Mechanized) | UD | UD | 85% < 24 hrs |
| | **Firm Order Confirmation Timeliness (Mechanized)** (Non-Mechanized and Partially Mechanized) | UD | UD | 95% within 4 hrs 85% <48 Hrs |
| | **Speed of Answer in Ordering Center** | X | X | |
| | | | | |
| Provisioning | **Mean Held Order Interval** | | | |
| | • Resale Residence | X | | |
| | • Resale Business | X | | |
| | • Resale Design | X | | |
| | • Resale PBX | X | | |
| | • Resale Centrex | X | | |
| | • Resale IDSN | X | | |
| | • UNE Loop and Port Combos | | Retail Residence and Business | |
| | • UNE 2w Loop with NP – Non-Design | | Retail Residence and Business | |
| | • UNE 2w Loop without NP – Non-Design | | Retail Residence and Business | |
| | • UNE Loop Other with NP Non-Design | | Retail Residence and Business | |
| | • UNE Loop Other without NP Non-Design | | Retail Residence and Business | |
| | • UNE Other Non Design | | Retail Residence and Business | |
| | • UNE 2w Loop with NP – Design | | Retail Residence and Business | |
| | • UNE 2w Loop without NP – Design | | Retail Residence and Business | |
| | • UNE Loop Other with NP – Design | | Retail Design | |

| APPENDIX D<br>Analogs and Benchmarks | | | | |
|---|---|---|---|---|
| **BST SQM**<br>Category | **MEASURES AND SUB-METRICS** | **RESALE**<br>Retail Analogue | **UNES**<br>Retail Analogue | Benchmark* |
| | • UNE Loop Other without NP - Design | | Retail Design | |
| | • UNE Other Design | | Retail Design | |
| | • Local Interconnection Trunks | X | | |
| | **Average Jeopardy Notice Interval (Mechanized)** | | | |
| | • Resale Residence | | | 95% >=24 Hrs |
| | • Resale Business | | | 95% >=24 Hrs |
| | • Resale Design | | | 95% >=24 Hrs |
| | • Resale PBX | | | 95% >=24 Hrs |
| | • Resale Centrex | | | 95% >=24 Hrs |
| | • Resale IDSN | | | 95% >=24 Hrs |
| | • UNE Loop and Port Combos | | | 95% >=24 Hrs |
| | • UNE 2w Loop with NP – Non-Design | | | 95% >=24 Hrs |
| | • UNE 2w Loop without NP – Non-Design | | | 95% >=24 Hrs |
| | • UNE Loop Other with NP Non-Design | | | 95% >=24 Hrs |
| | • UNE Loop Other without NP Non-Design | | | 95% >=24 Hrs |
| | • UNE Other Non Design | | | 95% >=24 Hrs |
| | • UNE 2w Loop with NP – Design | | | 95% >=24 Hrs |
| | • UNE 2w Loop without NP – Design | | | 95% >=24 Hrs |
| | • UNE Loop Other with NP – Design | | | 95% >=24 Hrs |
| | • UNE Loop Other without NP - Design | | | 95% >=24 Hrs |
| | • UNE Other Design | | | 95% >=24 Hrs |
| | • Local Interconnection Trunks | | | 95% >=24 Hrs |
| | **% of Orders given jeopardy notice (Mechanized)** | | | |
| | • Resale Residence | X | | |
| | • Resale Business | X | | |
| | • Resale Design | X | | |
| | • Resale PBX | X | | |
| | • Resale Centrex | X | | |
| | • Resale IDSN | X | | |
| | • UNE Loop and Port Combos | | Retail Residence and Business | |
| | • UNE 2w Loop with NP – Non-Design | | Retail Residence and Business | |
| | • UNE 2w Loop without NP – Non-Design | | Retail Residence and Business | |
| | • UNE Loop Other with NP Non-Design | | Retail Residence and Business | |

**APPENDIX D**
**Analogs and Benchmarks**

| BST SQM Category | MEASURES AND SUB-METRICS | RESALE Retail Analogue | UNES Retail Analogue | Benchmark* |
|---|---|---|---|---|
| | • UNE Loop Other without NP Non-Design | | Retail Residence and Business | |
| | • UNE Other Non Design | | Retail Residence and Business | |
| | • UNE 2w Loop with NP – Design | | Retail Residence and Business | |
| | • UNE 2w Loop without NP – Design | | Retail Residence and Business | |
| | • UNE Loop Other with NP – Design | | Retail Design | |
| | • UNE Loop Other without NP - Design | | Retail Design | |
| | • UNE Other Design | | Retail Design | |
| | • Local Interconnection Trunks | X | | |
| | **Percent Missed Installation Appointments** | | | |
| | • Resale Residence | X | | |
| | • Resale Business | X | | |
| | • Resale Design | X | | |
| | • Resale PBX | X | | |
| | • Resale Centrex | X | | |
| | • Resale IDSN | X | | |
| | • UNE Loop and Port Combos | | Retail Residence and Business | |
| | • UNE 2w Loop with NP – Non-Design | | Retail Residence and Business | |
| | • UNE 2w Loop without NP – Non-Design | | Retail Residence and Business | |
| | • UNE Loop Other with NP Non-Design | | Retail Residence and Business | |
| | • UNE Loop Other without NP Non-Design | | Retail Residence and Business | |
| | • UNE Other Non Design | | Retail Residence and Business | |
| | • UNE 2w Loop with NP – Design | | Retail Residence and Business | |
| | • UNE 2w Loop without NP – Design | | Retail Residence and Business | |
| | • UNE Loop Other with NP – Design | | Retail Design | |
| | • UNE Loop Other without NP – Design | | Retail Design | |
| | • UNE Other Design | | Retail Design | |
| | • Local Interconnection Trunks | X | | |
| | **Order Completion Interval** | | | |
| | • Resale Residence | X | | |
| | • Resale Business | X | | |
| | • Resale Design | X | | |
| | • Resale PBX | X | | |
| | • Resale Centrex | X | | |

| APPENDIX D<br>Analogs and Benchmarks | | | | |
|---|---|---|---|---|
| **BST SQM**<br>Category | **MEASURES AND SUB-METRICS** | **RESALE**<br>Retail Analogue | **UNES**<br>Retail Analogue | Benchmark* |
| | • Resale IDSN | X | | |
| | • UNE Loop and Port Combos | | Retail Residence and Business | |
| | • UNE 2w Loop with NP – Non-Design | | Retail Residence and Business | |
| | • UNE 2w Loop without NP – Non-Design | | Retail Residence and Business | |
| | • UNE Loop Other with NP Non-Design | | Retail Residence and Business | |
| | • UNE Loop Other without NP Non-Design | | Retail Residence and Business | |
| | • UNE Other Non Design | | Retail Residence and Business | |
| | • UNE 2w Loop with NP – Design | | Retail Residence and Business | |
| | • UNE 2w Loop without NP – Design | | Retail Residence and Business | |
| | • UNE Loop Other with NP – Design | | Retail Design | |
| | • UNE Loop Other without NP - Design | | Retail Design | |
| | • UNE Other Design | | Retail Design | |
| | • Local Interconnection Trunks | X | | |
| | **Average Completion Notice Interval – Resale POTS (Mech)** | | | |
| | • Resale Residence | X | | |
| | • Resale Business | X | | |
| | • Resale Design | X | | |
| | • Resale PBX | X | | |
| | • Resale Centrex | X | | |
| | • Resale IDSN | X | | |
| | • UNE Loop and Port Combos | | Retail Residence and Business | |
| | • UNE 2w Loop with NP – Non-Design | | Retail Residence and Business | |
| | • UNE 2w Loop without NP – Non-Design | | Retail Residence and Business | |
| | • UNE Loop Other with NP Non-Design | | Retail Residence and Business | |
| | • UNE Loop Other without NP Non-Design | | Retail Residence and Business | |
| | • UNE Other Non Design | | Retail Residence and Business | |
| | • UNE 2w Loop with NP – Design | | Retail Residence and Business | |
| | • UNE 2w Loop without NP – Design | | Retail Residence and Business | |
| | • UNE Loop Other with NP – Design | | Retail Design | |
| | • UNE Loop Other without NP - Design | | Retail Design | |
| | • UNE Other Design | | Retail Design | |
| | • Local Interconnection Trunks | X | | |
| | **Percent Provisioning Troubles within 30 Days** | | | |

**APPENDIX D**
**Analogs and Benchmarks**

| BST SQM Category | MEASURES AND SUB-METRICS | RESALE Retail Analogue | UNES Retail Analogue | Benchmark* |
|---|---|---|---|---|
| | • Resale Residence | X | | |
| | • Resale Business | X | | |
| | • Resale Design | X | | |
| | • Resale PBX | X | | |
| | • Resale Centrex | X | | |
| | • Resale IDSN | X | | |
| | • UNE Loop and Port Combos | | Retail Residence and Business | |
| | • UNE 2w Loop with NP – Non-Design | | Retail Residence and Business | |
| | • UNE 2w Loop without NP – Non-Design | | Retail Residence and Business | |
| | • UNE Loop Other with NP Non-Design | | Retail Residence and Business | |
| | • UNE Loop Other without NP Non-Design | | Retail Residence and Business | |
| | • UNE Other Non Design | | Retail Residence and Business | |
| | • UNE 2w Loop with NP – Design | | Retail Residence and Business | |
| | • UNE 2w Loop without NP – Design | | Retail Residence and Business | |
| | • UNE Loop Other with NP – Design | | Retail Design | |
| | • UNE Loop Other without NP - Design | | Retail Design | |
| | • UNE Other Design | | Retail Design | |
| | • Local Interconnection Trunks | X | | |
| | **Total Service Order Cycle Time** | Diag. | Diagnostic | Diagnostic |
| Maintenance | **Customer Trouble Report Rate** | | | |
| | • Resale Residence | X | | |
| | • Resale Business | X | | |
| | • Resale Design | X | | |
| | • Resale PBX | X | | |
| | • Resale Centrex | X | | |
| | • Resale IDSN | X | | |
| | • UNE Loop and Port Combos | | Retail Residence and Business | |
| | • UNE 2w Loop – Non-Design | | Retail Residence and Business | |
| | • UNE Loop Other - Non-Design | | Retail Residence and Business | |
| | • UNE Other Non Design | | Retail Residence and Business | |
| | • UNE 2w Loop – Design | | Retail Residence and Business | |
| | • UNE Loop Other – Design | | Retail Design | |
| | • UNE Other Design | | Retail Design | |

**APPENDIX D**
**Analogs and Benchmarks**

| BST SQM Category | MEASURES AND SUB-METRICS | RESALE Retail Analogue | UNES Retail Analogue | Benchmark* |
|---|---|---|---|---|
| | • Local Interconnection Trunks | X | | |
| | **Percent Missed Repair Appointments** | | | |
| | • Resale Residence | X | | |
| | • Resale Business | X | | |
| | • Resale Design | X | | |
| | • Resale PBX | X | | |
| | • Resale Centrex | X | | |
| | • Resale IDSN | X | | |
| | • UNE Loop and Port Combos | | Retail Residence and Business | |
| | • UNE 2w Loop – Non-Design | | Retail Residence and Business | |
| | • UNE Loop Other - Non-Design | | Retail Residence and Business | |
| | • UNE Other Non Design | | Retail Residence and Business | |
| | • UNE 2w Loop – Design | | Retail Residence and Business | |
| | • UNE Loop Other – Design | | Retail Design | |
| | • UNE Other Design | | Retail Design | |
| | • Local Interconnection Trunks | X | | |
| | **Maintenance Average Duration** | | | |
| | • Resale Residence | X | | |
| | • Resale Business | X | | |
| | • Resale Design | X | | |
| | • Resale PBX | X | | |
| | • Resale Centrex | X | | |
| | • Resale IDSN | X | | |
| | • UNE Loop and Port Combos | | Retail Residence and Business | |
| | • UNE 2w Loop – Non-Design | | Retail Residence and Business | |
| | • UNE Loop Other - Non-Design | | Retail Residence and Business | |
| | • UNE Other Non Design | | Retail Residence and Business | |
| | • UNE 2w Loop – Design | | Retail Residence and Business | |
| | • UNE Loop Other – Design | | Retail Design | |
| | • UNE Other Design | | Retail Design | |
| | • Local Interconnection Trunks | X | | |
| | **Percent Repeat Troubles within 30 Days** | | | |
| | • Resale Residence | X | | |

**APPENDIX D**
**Analogs and Benchmarks**

| BST SQM Category | MEASURES AND SUB-METRICS | RESALE Retail Analogue | UNES Retail Analogue | Benchmark* |
|---|---|---|---|---|
| | • Resale Business | X | | |
| | • Resale Design | X | | |
| | • Resale PBX | X | | |
| | • Resale Centrex | X | | |
| | • Resale IDSN | X | | |
| | • UNE Loop and Port Combos | | Retail Residence and Business | |
| | • UNE 2w Loop – Non-Design | | Retail Residence and Business | |
| | • UNE Loop Other - Non-Design | | Retail Residence and Business | |
| | • UNE Other Non Design | | Retail Residence and Business | |
| | • UNE 2w Loop – Design | | Retail Residence and Business | |
| | • UNE Loop Other – Design | | Retail Design | |
| | • UNE Other Design | | Retail Design | |
| | • Local Interconnection Trunks | X | | |
| | **Out of Service > 24hrs** | | | |
| | • Resale Residence | X | | |
| | • Resale Business | X | | |
| | • Resale Design | X | | |
| | • Resale PBX | X | | |
| | • Resale Centrex | X | | |
| | • Resale IDSN | X | | |
| | • UNE Loop and Port Combos | | Retail Residence and Business | |
| | • UNE 2w Loop – Non-Design | | Retail Residence and Business | |
| | • UNE Loop Other - Non-Design | | Retail Residence and Business | |
| | • UNE Other Non Design | | Retail Residence and Business | |
| | • UNE 2w Loop – Design | | Retail Residence and Business | |
| | • UNE Loop Other – Design | | Retail Design | |
| | • UNE Other Design | | Retail Design | |
| | • Local Interconnection Trunks | X | | |
| | **OSS Interface Availability** | | | |
| | • All systems except ECTA | X | | |
| | • ECTA | | | 99.5% |
| | **OSS Response Interval and %** | | | |
| | • TAFI (Front End) | X | | |

**APPENDIX D**
**Analogs and Benchmarks**

| BST SQM Category | MEASURES AND SUB-METRICS | RESALE Retail Analogue | UNES Retail Analogue | Benchmark* |
|---|---|---|---|---|
| | • CRIS, DLETH, DLR, OSPCM, LMOS, LMOSUP, MARCH, Predictor, SOCS, LNP (Parity by Design) | PBD | | |
| | **Average Answer Time – Repair Center** | X | | |
| | | | | |
| Billing | **Invoice Accuracy** | X | | |
| | **Mean Time To Deliver Invoices** | X | | |
| | **Usage Data Delivery Accuracy** | X | | |
| | **Usage Data Delivery Timeliness** | X | | |
| | **Usage Data Delivery Completeness** | X | | |
| | **Mean Time to Deliver Usage** | X | | |
| | | | | |
| Operator Services (Toll) | **Average Speed to Answer** | PBD | | |
| | **% Answered in "X" Seconds** | PBD | | |
| | | | | |
| Directory Assistance | **Average Speed to Answer** | PBD | | |
| | **% Answered in "X" Seconds** | PBD | | |
| | | | | |
| E911 | **Timeliness** | PBD | | |
| | **Accuracy** | PBD | | |
| | **Mean Interval** | PBD | | |
| | | | | |
| Trunk Group Performance (Blockage) | **Trunk Group Service Report (Percent Trunk Blockage)** Any 2 hour period in 24 hours where CLEC blockage exceeds BST blockage by more than 0.5% = a miss using trunk groups 1, 3, 4, 5, 10, 16 for CLECs and 9 for BST. | X | | |
| | **Trunk Group Service Report (Percent Trunk Blockage)** | X | | |
| LNP | **Average Disconnect Timeliness Interval** | | | |
| | **Percent Missed Installation Appointments** | | Retail Residence and Business | |
| | **FOC Mechanized** | | | 95% ≤4 hours |
| | **% Reject Service Request** | | Diagnostic | |
| | **Average Reject Interval Mechanized** | | | 95% ≤1 hour |
| | **TSOC** | | Diagnostic | |
| | **% Flow Through** | | | 80% |

| APPENDIX D<br>Analogs and Benchmarks | | | | |
|---|---|---|---|---|
| **BST SQM**<br>Category | **MEASURES AND SUB-METRICS** | **RESALE**<br>Retail Analogue | **UNES**<br>Retail Analogue | Benchmark* |
| | | | | |
| Customer Coordinated Conversions | **Coordinated Customer Conversions – UNE Loop** | | | 95% ≤ 15 min |
| | **Coordinated Customer Conversions – LNP** | | | 95% ≤ 15 min |
| | | | | |
| Collocation + | **% of Due Dates Missed** | | | 90% ≤ Commi Date |
| | **Average Response Time** | | FL PSC is addressing this in generic docket | |
| +A contract with each CLEC required. | **Average Arrangement Time** | | FL PSC is addressing this in generic docket | |

Note 1: PBD = Parity by Design. UD = Under Development – Benchmarks will be replaced when Analogs are complete.

Note 2: The retail analog for UNE Non-Design and UNE 2w Loops – Design is the average of Retail Residence Dispatch and Retail Business Dispatch transactions for the particular month. The retail analog for other UNE Design is Retail Design Dispatch.

Note 3: Analogs and Benchmarks will be re-evaluated periodically, at least once a year, to validate applicability.

Appendix E

In the event that the FCC or any State Commission adopts, orders, or imposes on BellSouth any standard, measurements, or performance requirements in addition to or different from the standards, measurements, and performance requirements contained in this Attachment, the Parties shall amend this Attachment to incorporate such standards, measurements, or performance requirements at either Party's request in accordance with Section 35 of the General Terms and Conditions of this Agreement; provided, however, that if TCI elects to retain the performance measurements set forth in this Attachment rather than to adopt the standards, measurements, or performance requirements so ordered or imposed, BellSouth will continue to provide TCI the performance measurements set forth herein.

# EXHIBIT B

# VSEEM III 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

## VSEEM III 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

## VSEEM III 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

| VSEEM III | MEASURES AND SUB-METRICS | RETAIL ANALOGUE<br>Resale (x) and UNEs | BENCH MARK |
|---|---|---|---|
| Pre-Ordering | Percent Response Received within "X" seconds | Retail Analogue + 4 sec | |
| | OSS Interface Availability | x | |
| Ordering | 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 |
| Provisioning | 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<br>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 [1]<br>Non-Design: Retail Res, Bus [1] | |
| | 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 [1]<br>Non-Design: Retail Res, Bus [1] | |
| Maintenance | 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 [1]<br>Non-Design: Retail Res, Bus [1] | |
| | 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 [1]<br>Non-Design: Retail Res, Bus [1] | |

NOTES: [1] 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.
[2] 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 [1]<br>Non-Design: Retail Res, Bus [1] | |
| | 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 [1]<br>Non-Design: Retail Res, Bus [1] | |
| 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 [2] |
| | Percent Missed Installation Appointments | | UD [2] |
| CC Conversions | Coordinated Customer Conversions – UNE Loop | | 95% ≤ 15 min |
| | Coordinated Customer Conversions – LNP | | 95% ≤ 15 min |
| Collocation | % of Due Dates Missed | | ≤ 10% |

NOTES: [1] 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.
[2] 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 treat 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(Type I Error) = P(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,...,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,..., $n_{1j}$

$X_{2jk}$ = individual CLEC transactions in cell j; k = 1,..., $n_{2j}$

$Y_{jk}$ = individual transaction (both ILEC and CLEC) in cell j

$$= \begin{cases} X_{1jk} & k = 1,K\ ,n_{1j} \\ X_{2jk} & k = n_{1j}+1,K\ ,n_j \end{cases}$$

$\Phi^{-1}(\cdot)$ = the inverse of the cumulative standard normal distribution function

For Mean Performance Measures the following additional notation is needed.

$\overline{X}_{1j}$ = the ILEC sample mean of cell j

$\overline{X}_{2j}$ = the CLEC sample mean of cell j

$S^2_{1j}$ = the ILEC sample variance in cell j

$S^2_{2j}$ = the CLEC sample variance in cell j

$y_{jk}$ = a random sample of size $n_{2j}$ from the set of $Y_{j1},K\ ,Y_{jn_j}$ ; k = 1,...,$n_{2j}$

$M_j$ = 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

$$PM(t) = P(\sum_{k} y_{jk} = t) = \frac{\textit{the number of samples that sum to } t}{M_j},$$

and the corresponding cumulative permutation distribution is

$$CPM(t) = P(\sum_{k} y_{jk} \le t) = \frac{\textit{the number of samples with sum } \le t}{M_j}.$$

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

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

and the cumulative hypergeometric distribution is

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

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; $b_{1j} + b_{2j}$

$\pi_{1j}$ = the ILEC sample rate of cell j; $n_{1j}/b_{1j}$

$\pi_{2j}$ = 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

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

and the cumulative binomial distribution is

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

## 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 determine by the following algorithm.

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

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

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 $Var(Z_j^* | H_0)$.** 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 $Var(Z_j^* | H_0)$ 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

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

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

- 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.

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

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

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

*Mean Measure*

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

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

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

*Proportion Measure*

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

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

*Rate Measure*

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

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

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

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

**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[1] 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:

[1] 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.

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

where

$$M(\mu, \sigma) = \mu \Phi(\tfrac{-\mu}{\sigma}) - \sigma \phi(\tfrac{-\mu}{\sigma})$$

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

$\Phi(\cdot)$ 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:

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

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

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:

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

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

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[2]

$$E(a_{1j}) = n_j \pi_j^{(1)}$$

$$var(a_{1j}) = \frac{n_j}{\frac{1}{\pi_j^{(1)}} + \frac{1}{\pi_j^{(2)}} + \frac{1}{\pi_j^{(3)}} + \frac{1}{\pi_j^{(4)}}}$$

where

[2] Stevens, W. L. (1951) Mean and Variance of an entry in a Contingency Table. *Biometrica*, **38**, 468-470.

$$\pi_j^{(1)} = f_j^{(1)}\left(n_j^2 + f_j^{(2)} + f_j^{(3)} - f_j^{(4)}\right)$$

$$\pi_j^{(2)} = f_j^{(1)}\left(-n_j^2 - f_j^{(2)} + f_j^{(3)} + f_j^{(4)}\right)$$

$$\pi_j^{(3)} = f_j^{(1)}\left(-n_j^2 + f_j^{(2)} - f_j^{(3)} + f_j^{(4)}\right)$$

$$\pi_j^{(4)} = f_j^{(1)}\left(n_j^2\left(\tfrac{2}{\psi_j} - 1\right) - f_j^{(2)} - f_j^{(3)} - f_j^{(4)}\right)$$

$$f_j^{(1)} = \frac{1}{2n_j^2\left(\frac{1}{\psi_j} - 1\right)}$$

$$f_j^{(2)} = n_j n_{1j}\left(\tfrac{1}{\psi_j} - 1\right)$$

$$f_j^{(3)} = n_j a_j\left(\tfrac{1}{\psi_j} - 1\right)$$

$$f_j^{(4)} = \sqrt{n_j^2\left[4n_{1j}\left(n_j - a_j\right)\left(\tfrac{1}{\psi_j} - 1\right) + \left(n_j + \left(a_j - n_{1j}\right)\left(\tfrac{1}{\psi_j} - 1\right)\right)^2\right]}$$

Recall that the cell test statistic is given by

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

Using the equations above, we see that $Z_j$ has mean and standard error given by

$$m_j = \frac{n_j^2 \pi_j^{(1)} - n_{1j}\, a_j}{\sqrt{\dfrac{n_{1j}\, n_{2j}\, a_j\, (n_j - a_j)}{n_j - 1}}}, \text{ and}$$

$$se_j = \sqrt{\frac{n_j^3 (n_j - 1)}{n_{1j}\, n_{2j}\, a_j\, (n_j - a_j)\left(\frac{1}{\pi_j^{(1)}} + \frac{1}{\pi_j^{(2)}} + \frac{1}{\pi_j^{(3)}} + \frac{1}{\pi_j^{(4)}}\right)}}.$$

*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:

$H_0$: $r_{1j} = r_{2j}$

$H_a$: $r_{2j} = \varepsilon_j r_{1j}$ $\qquad \varepsilon_j > 1$ and $j = 1,\ldots,L$.

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

$$E(n_{1j}) = n_j q_j^*$$
$$\text{var}(n_{1j}) = n_j q_j^* (1 - q_j^*)$$

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

$$m_j = \frac{n_j (q_j^a - q_j)}{\sqrt{n_j q_j (1 - q_j)}} = (1 - \varepsilon_j) \sqrt{\frac{n_j b_{1j} b_{2j}}{b_{1j} + \varepsilon_j b_{2j}}}, \text{ and}$$

$$se_j = \sqrt{\frac{q_j^a (1 - q_j^a)}{q_j (1 - q_j)}} = \sqrt{\varepsilon_j} \frac{b_j}{b_{1j} + \varepsilon_j b_{2j}}.$$

**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; $z^{T}_{CLEC1}$ (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 $\varepsilon$). (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.; $z^{T}_{CLEC1} - {}^{C}B_{CLEC1}$
5. Calculate the Volume Proportion using a linear distribution with slope of ¼. This can be accomplished by taking the absolute value of the Parity Gap from step 4. divided by 4; $ABS((z^{T}_{CLEC1} - {}^{C}B_{CLEC1}) / 4)$. 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 $CLEC_1$ Volume in the negatively affected cell; where the cell value is negative. (See Exhibit C)
7. Calculate the payment to TCI by multiplying the result of step 6. by the appropriate dollar amount from the fee schedule.

So, TCI payment = Affected $Volume_{CLEC1}$ * $$ from Fee Schedule

**Example: TCI Missed Installation Appointments (MIA) for Resale POTS**

| | $n_I$ | $n_C$ | $MIA_I$ | $MIA_C$ | $z^{T}_{CLEC1}$ | $C_B$ | **Parity Gap** | Volume Proportion | Affected Volume |
|---|---|---|---|---|---|---|---|---|---|
| State | 50000 | 600 | 9% | 16% | -1.92 | -0.21 | **1.71** | 0.4275 | |
| Cell | | | | | $z_{CLEC1}$ | | | | |
| 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 |
| | | | | | | | | | 133 |

where $n_I$ = ILEC observations and $n_C$ = TCI observations

Payout for TCI 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; $z^{T}_{CLECA}$

3. Calculate the balancing critical value( $^{C}B_{CLEC1}$ ) that is associated with the alternative hypothesis (for fixed parameters $\delta$, $\psi$ or $\varepsilon$). (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.; $z^{T}_{CLECA} - {}^{C}B_{CLECA}$

6. Calculate the Volume Proportion using a linear distribution with slope of ¼. This can be accomplished by dividing the Parity Gap from step 5. by 4; ABS(($z^{T}_{CLECA} - {}^{C}B_{CLECA}$ ) / 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 $CLEC_A$ 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 | $n_I$ | $n_C$ | $MIA_I$ | $MIA_C$ | $z^{T}_{CLECA}$ | $C_B$ | **Parity Gap** | Volume Proportion | Affected Volume |
|---|---|---|---|---|---|---|---|---|---|
| Quarter1 | 180000 | 2100 | 9% | 16% | -1.92 | -0.21 | **1.71** | 0.4275 | |
| Cell | | | | | $Z_{CLECA}$ | | | | |
| 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 | 71 |
| 10 | 80 | 0.160 | 0.235 | -0.660 | 34 |
| | | | | | 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.

| | | TIER-3 FAILURE X = Miss | | | NOT A TIER-3 FAILURE X = Miss | | |
|---|---|---|---|---|---|---|---|
| Process | Measures | 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 |
|---|---|---|
| 5 | 60.00% | 80.00% |
| 6 | 66.67% | 83.33% |
| 7 | 71.43% | 85.71% |
| 8 | 75.00% | 75.00% |
| 9 | 66.67% | 77.78% |
| 10 | 70.00% | 80.00% |
| 11 | 72.73% | 81.82% |
| 12 | 75.00% | 83.33% |
| 13 | 76.92% | 84.62% |
| 14 | 78.57% | 85.71% |
| 15 | 73.33% | 86.67% |

| Sample Size | Equivalent 90% Benchmark | Equivalent 95% Benchmark |
|---|---|---|
| 16 | 75.00% | 87.50% |
| 17 | 76.47% | 82.35% |
| 18 | 77.78% | 83.33% |
| 19 | 78.95% | 84.21% |
| 20 | 80.00% | 85.00% |
| 21 | 76.19% | 85.71% |
| 22 | 77.27% | 86.36% |
| 23 | 78.26% | 86.96% |
| 24 | 79.17% | 87.50% |
| 25 | 80.00% | 88.00% |
| 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 $CLEC_1$ Volume.

6. Calculate the payment to TCI by multiplying the result of step 5. by the appropriate dollar amount from the fee schedule.

So, TCI payment = Affected $Volume_{CLEC1}$ * $$ from Fee Schedule

**Example: TCI Missed Installation Appointments (MIA) for UNE Loops**

| | $n_c$ | Benchmark | $MIA_c$ | Volume Proportion | Affected Volume |
|---|---|---|---|---|---|
| State | 600 | 9% | 12% | .03 | 18 |

Payout for TCI 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 TCI by multiplying the result of step 6. by the appropriate dollar amount from the fee schedule.

So, TCI payment = Affected $Volume_{CLEC1}$ * $$ from Fee Schedule

**Example: TCI 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 TCI 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

| PER AFFECTED ITEM | | | | | | |
|---|---|---|---|---|---|---|
| | 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

| | Per Affected Item |
|---|---|
| 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 |

# Attachment 11
# BellSouth Disaster Recovery Plan

# *2000*
# *BELLSOUTH*

# *DISASTER RECOVERY PLANNING*

***For***

# *CLECS*

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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. 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 involved with restoration activities resulting from hurricanes, ice storms and floods. They have demonstrated their capabilities during these calamities as well as

during outages caused by human error or equipment failures. This group has an excellent record of restoring service as quickly as possible.

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

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

## 5.0 RECOVERY PROCEDURES

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

## 5.1 CLEC OUTAGE

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

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

## 5.2 BELLSOUTH OUTAGE

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

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

The NMC would be the first group to observe a problem involving BellSouth's equipment. Shortly after a disaster, the NMC will begin applying controls and finding re-routes for the

completion of as much traffic as possible. These reroutes may involve delivering traffic to alternate Carriers upon receiving approval from the CLECs involved. In some cases, changes in translations will be required. If the outage is caused by the destruction of equipment, then the ECC will assume control of the restoration.

### 5.2.1 Loss of a Central Office

When BellSouth loses a Central Office, the ECC will

a) Place specialists and emergency equipment on notice;

b) Inventory the damage to determine what equipment and/or functions are lost;

c) Move containerized emergency equipment and facility equipment to the stricken area, if necessary;

d) Begin reconnecting service for Hospitals, Police and other emergency agencies; and

e) Begin restoring service to CLECs and other customers.

### 5.2.2 Loss of a Central Office with Serving Wire Center Functions

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

### 5.2.3 Loss of a Central Office with Tandem Functions

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

a) Place specialists and emergency equipment on notice;

b) Inventory the damage to determine what equipment and/or functions are lost;

c) Move containerized emergency equipment and facility equipment to the stricken area, if necessary;

d) Begin reconnecting service for Hospitals, Police and other emergency agencies;

e) Re-direct as much traffic as possible to the alternate access tandem (if available) for delivery to those CLECs utilizing a different location as a SWC;

f) Begin aggregating traffic to a location near the damaged building. From this location, begin re-establishing trunk groups to the CLECs for the delivery of traffic normally found on the direct trunk groups. (This aggregation point may be the alternate access tandem location or another CO on a primary facility route.)

g) Begin restoring service to CLECs and other customers.

### 5.2.4 Loss of a Facility Hub

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

a) Placing specialists and emergency equipment on notice;

b) Inventorying the damage to determine what equipment and/or functions are lost;

c) Moving containerized emergency equipment to the stricken area, if necessary;

d) Reconnecting service for Hospitals, Police and other emergency agencies; and

e) Restoring service to CLECs and other customers. If necessary, BellSouth will aggregate the traffic at another location and build temporary facilities. This alternative would be viable for a location that is destroyed and building repairs are required.

## 5.3 COMBINED OUTAGE (CLEC AND BELLSOUTH EQUIPMENT)

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

## 6.0 T1 IDENTIFICATION PROCEDURES

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

## 7.0 ACRONYMS

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

## Hurricane Information

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

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

## BST Disaster Management Plan

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

# Attachment 12

# Bona Fide Request and New Business Requests Process

## BONA FIDE REQUEST AND NEW BUSINESS REQUESTS PROCESS

1.0 The Parties agree that TCI is entitled to order any Network Element, Interconnection option, service option or Resale Service required to be made available by the Communications Act of 1934, as modified by the Telecommunications Act of 1996 (the "Act"), FCC requirements or State Commission requirements. TCI also shall be permitted to request the development of new or revised facilities or service options which are not required by the Act. Procedures applicable to requesting the addition of such facilities or service options are specified in this Attachment 12.

2.0 Bona Fide Requests ("BFR") are to be used when TCI makes a request of BellSouth to provide a new or modified network element, interconnection option, or other service option pursuant to the Act that was not previously included in the Agreement. New Business Requests ("NBRs") are to be used when TCI makes a request of BellSouth to provide a new or custom capability or function to meet TCI's business needs that was not previously included in the Agreement. The BFR/NBR process is intended to facilitate the two-way exchange of information between TCI and BellSouth, necessary for accurate processing of requests in a consistent and timely fashion.

3.0 A BFR shall be submitted in writing by TCI and shall specifically identify the required 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 a TCI's designation of the request as being (i) pursuant to the Telecommunications Act of 1996 (i.e., a "BFR") or (ii) pursuant to the needs of the business (i.e., a "NBR"). The request shall be sent to TCI's Account Executive.

4.0 TCI may cancel a BFR or NBR at any time. If TCI cancels the request more than three (3) business days after submitting it, TCI shall pay BellSouth's reasonable and demonstrable costs of processing and/or implementing the BFR or NBR up to the date of cancellation. If TCI does not cancel a BFR or NBR, TCI shall pay BellSouth's reasonable and demonstrable costs of processing and implementing the request.

5.0 Within fifteen (15) business days of its receipt of a BFR or NBR from TCI, BellSouth shall respond to TCI by providing a preliminary analysis of such Interconnection, Network Element, or other facility or service option that is the subject of the BFR or NBR. The preliminary analysis shall

confirm that BellSouth will either offer access to the Interconnection, Network Element, or other facility or service option, or provide an explanation of why it is not technically feasible and/or why the request does not qualify as an Interconnection, Network Element, or is not otherwise required to be provided under the Act.

6.0 If BellSouth determines that the Interconnection, Network Element, or other facility or service option that is the subject of the BFR is technically feasible, BellSouth shall propose a firm price and a detailed implementation plan within forty (40) business days after receipt of the BFR. BellSouth may, but shall not be required, to provide a firm time and cost proposal for a NBR.

7.0 Within thirty (30) business days after its receipt of (i) a refusal of BellSouth to provide a BFR or NBR price quote, or (ii) the BFR or NBR price quote and implementation plan from BellSouth, TCI must either confirm or cancel its order for such facility or service option. If it believes such quote is not consistent with the requirements of the Act, TCI may at that time seek FCC or state Commission arbitration of its request, as appropriate. Any such arbitration applicable to Network Elements and/or Interconnection shall be conducted in accordance with standards prescribed in Section 252 of the Act.

8.0 Unless TCI agrees otherwise, all prices shall be consistent with the pricing principles of the Act, FCC and/or the State Commission.

9.0 If either Party to a BFR or NBR believes that the other Party is not requesting, negotiating, or processing the Bona Fide Request in good faith, or disputes a determination, or price or cost quote, such Party may seek FCC or state Commission resolution of the dispute, as appropriate.

10.0 Upon agreement to the terms of a BFR or NBR, an amendment to the Agreement may be required.