
BellSouth Telecommunications, Inc.

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Guy M. Hicks
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March 3, 2006

VIA HAND DELIVERY

Hon. Ron Jones, Chairman
Tennessee Regulatory Authority
460 James Robertson Parkway
Nashville, TN 37238

Re: *Petition for Arbitration of Momentum Telecom, Inc. with BellSouth Telecommunications, Inc. Pursuant to the Telecommunications Act of 1996*
Docket No. 06-00030

Dear Chairman Jones:

Enclosed are the original and four paper copies of BellSouth's *Response to Petition for Arbitration* in the referenced matter. An electronic copy is being provided to the Authority and to counsel of record.

Very truly yours,

A handwritten signature in black ink, appearing to read "Guy M. Hicks".

Guy M. Hicks

GMH:ch

**BEFORE THE TENNESSEE REGULATORY AUTHORITY
Nashville, Tennessee**

In Re: *Petition for Arbitration of Momentum Telecom, Inc. with BellSouth Telecommunications, Inc. Pursuant to the Telecommunications Act of 1996*

Docket No. 06-00030

**BELLSOUTH TELECOMMUNICATIONS, INC.'S
RESPONSE TO PETITION FOR ARBITRATION OF
MOMENTUM TELECOM, INC.**

BellSouth Telecommunications, Inc. ("BellSouth") by and through its attorneys responds to the *Petition for Arbitration* ("*Petition*") filed by Momentum Telecom, Inc. ("Momentum"), seeking arbitration of unresolved issues between the parties regarding negotiation of an interconnection agreement and states to the Tennessee Regulatory Authority (the "Authority") as follows:

SUMMARY

On February 6, 2006, Momentum filed its *Petition*, which includes 26 unresolved issues raised by the Federal Communications Commission's ("FCC") Triennial Review Order ("*TRO*") and Triennial Review Remand Order ("*TRRO*"), pending in the Change of Law proceeding, Docket No. 04-00381. As a member of CompSouth, Momentum participated in Docket No. 04-00381. Momentum attached to its *Petition* an issues matrix containing the parties' respective positions

regarding those 26 unresolved issues in the Change of Law proceeding. BellSouth agrees that the unresolved issues appear in the *Petition*.¹

The parties agree to adopt, in this proceeding, the respective positions taken in Docket No. 04-00381 as outlined in the matrix incorporated in the *Petition*.

In addition to the Change of Law issues in the matrix, Momentum submitted for arbitration the following 4 issues:

(33) What is the effective date of the agreement?

(34) Under what terms and conditions should the parties be allowed to back bill each other?

(35) Is Petitioner obligated to reimburse BellSouth for payments made by BellSouth to third party carriers for terminating calls originated by Petitioner?

(36) Should Petitioner be required to waive its right to argue that ambiguity in the subject Interconnection Agreement should be construed against the drafting party?

Although BellSouth and Momentum negotiated in good faith as to the terms and conditions to be incorporated into a new Agreement, the parties have been

¹ Petitioner erroneously misstated generic Issue No. 10. Within the matrix attached to the Petition, Petitioner erroneously neglected to include parts (a) and (b) below. The issue correctly reads as follows:

Issue No. 10: **TRRO/FINAL RULES:** What rates, terms, and conditions should govern the transition of existing network elements that BellSouth is no longer obligated to provide as Section 251 UNEs to non-Section 251 network elements and other services and (a) what is the proper treatment for such network elements at the end of the transition period, and (b) what are the appropriate rates, terms, and conditions during such transition period, for unbundled high capacity loops, high capacity transport, and dark fiber transport in and between wire centers that do not meet the FCC's non-impairment standards at this time, but that meet such standards in the future?

Petitioner filed corrective correspondence with the Authority on February 27, 2006.

unable to reach agreement on the above-referenced remaining issues.² BellSouth avers that Momentum's request for Authority mediation should be denied. BellSouth affirmatively states that it will continue negotiations with Momentum in an attempt to resolve all of the issues that remain outstanding, and Authority mediation is not necessary. Moreover, BellSouth avers that Momentum is no longer entitled to mediation as a matter of right.³

BellSouth responds below to each of the separately numbered paragraphs of Momentum's *Petition*:

I. PARTIES

BellSouth admits the allegations contained in Paragraph I of the *Petition*.

II. JURISDICTION

BellSouth admits the allegations contained in Paragraph II of the *Petition*.

² Attached hereto as Exhibit "A" is a redlined copy of the interconnection agreement showing language that has been agreed upon and language remaining in dispute.

³ Section 252(a) of the 1996 Act states that "any party ***negotiating*** an agreement under this section may, at any point in the ***negotiation***, ask a State commission to participate in the ***negotiation*** and to mediate any differences arising in the course of the ***negotiation***." See 47 U.S.C. §252(a)(2)(emphasis added). To the extent that such negotiations are unsuccessful, a party may then seek arbitration under section 252(b) of the Act. Clearly,

Section 252, entitled "Procedures for negotiation, arbitration, and approval of agreements," creates the procedural framework for implementing the commands of Section 251. Section 252 defines ***two separate courses*** leading to the formation of interconnection agreements – ***one by negotiation (including mediation) and the other by compulsory arbitration***.

Bell Atlantic Maryland, Inc. v. MCI Worldcom, Inc., 240 F.3d 279, 302 (4th Cir. 2000), *vacated on other grounds sub nom. Verizon Maryland, Inc. v. Public Serv. Comm'n*, 535 U.S. 635 (2002) (emphasis added). Having elected to embark on a course of compulsory arbitration under section 252(b) of the 1996 Act, Momentum is not entitled to mediation under the negotiation provisions of section 252(a). *Accord AT&T Corp. v. Iowa Utilities Bd.*, 525 U.S. 366, 405 (1999) (dissenting opinion of Justice Thomas) ("Specifically, Congress directed the state commissions to mediate disputes between carriers during the voluntary negotiation period, §252(a)(2), and – after the negotiations have run their course – to arbitrate any "open issues," §252(b)(1).").

III. DESIGNATED CONTACTS

The allegations contained in Paragraph III of the *Petition* do not require a response from BellSouth. BellSouth's designated contacts are:

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Joelle Phillips
333 Commerce Street, Suite 2101
Nashville, TN 37201-1800
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R. Douglas Lackey
John T. Tyler
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Atlanta, Georgia 30375
(404) 335-0757
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IV. ISSUES FOR ARBITRATION AND POSITIONS OF THE PARTIES

BellSouth admits the allegations contained in the first paragraph of Paragraph IV of the *Petition*. BellSouth avers that the parties' positions on Issues 33-36 are as follows:

33. What is the effective date of this agreement?

BellSouth's Position:

The agreement should become effective thirty days after execution. When implementing a new agreement or amendment, BellSouth must load into its mechanized ordering systems the various universal service order codes ("USOCs") and rates associated with those USOCs. As a practical matter, it requires BellSouth approximately thirty days to load and implement the USOCs and associated rates. Moreover, the rates, terms and conditions of the new agreement

are in an indeterminate state during the course of the arbitration, and are subject to be effected by changes in law which may occur during the course of the arbitration. It would be impractical to attempt to retroactively implement terms, rates and conditions that have changed as a matter of law, or to provide Momentum with terms and conditions that are no longer available to other similarly situated carriers. Given the practicalities, there is no valid reason to implement a retroactive effective date.

Petitioner's Position:

This agreement should become effective on January 27, 2006, the day following the expiration of the parties' previous negotiated agreement.⁴

Issue No. 34. Under what terms and conditions should the parties be allowed to back bill each other?

BellSouth's Position:

To the extent this issue is included in a current pending Section 252 arbitration before this Authority, BellSouth will abide by the back billing terms established in any effective order issued pursuant to the arbitration. In the event this issue is not included in a pending 252 arbitration, BellSouth proposes the language found below, or that the appropriate back billing period be the statute of limitations established by any applicable Authority rule or State law.

27. Rates

⁴ Although, within the Petition, Petitioner's position on issue 33 reads "This agreement should become effective on **January 28, 2006**, the day following the expiration of the parties' previous negotiated agreement," since the filing of the Petition the parties have agreed that the date Petitioner intended to reference is **January 27, 2006**. Petitioner filed correspondence on February 27, 2006 memorializing that agreement.

- 27.1 Momentum shall pay the charges set forth in this Agreement. In the event that BellSouth is unable to bill the applicable rate or no rate is established or included in this Agreement such charges incurred under this Agreement, including back billing and billing disputes, are subject to a two (2) year limitations period. However, both Parties recognize that situations exist which may necessitate billing beyond two (2) years and to the extent not bound by the applicable limitations period. These exceptions are:
- Charges connected with jointly provided services whereby meet point billing guidelines require either party to rely on records provided by a third party and such records have not been provided in a timely manner.
 - Charges incorrectly billed due to erroneous information supplied by the non-billing Party
 - Rates requiring true-up pursuant to Authority, FCC, or court order.
- 27.2 To the extent a rate element is omitted or no rate is established, BellSouth has the right not to provision such service until the Agreement is amended to include such rate.
- 27.3 To the extent Momentum requests services not included in this Agreement, such services shall be provisioned pursuant to the rates, terms and conditions set forth in the applicable tariffs or a separately negotiated Agreement.

Petitioner's Position:

Unless ordered or permitted by the Authority, charges incurred under the interconnection agreement are subject to a ninety-day billing limitations period. The Authority may order or permit back billing for a period of up to two years if the billing party demonstrates that the failure to submit a bill within ninety days was the result of circumstances beyond the control of the billing party such as the failure of the billed party or a third party to provide accurate, timely information.

Issue No. 35. Is Momentum obligated to reimburse BellSouth for payments made by BellSouth to third party carriers for terminating calls originated by Momentum?

BellSouth's Position:

On February 24, 2006, Momentum executed a commercial agreement with BellSouth which by its terms should render this issue moot. It should be noted that this issue raised by Momentum affects Attachment 2 only, and more specifically UNE-P intercarrier compensation, the subject of the parties' commercial agreement. Therefore, the issue should be moot. If the issue is not rendered moot by the parties' commercial agreement then it is BellSouth's position that Momentum is obligated to reimburse BellSouth for any payments made by BellSouth to third party carriers for terminating calls originated by Momentum. The parties agreed to this in Attachment 3 at Section XX. If BellSouth is required to pay a third party carrier for transiting Momentum's traffic to that carrier, BellSouth should be compensated through reimbursement from Momentum, the carrier originating the traffic.

Petitioner's Position:

As required by law, Momentum is obligated to pay third party carriers reciprocal compensation or access charges, as appropriate, for terminating calls originated by Momentum. Momentum is not, however, obligated to make such payments to BellSouth nor to reimburse BellSouth for payments made by BellSouth to those carriers.

Issue No. 36. Should Momentum be required to waive its right to argue that ambiguity in this agreement should be construed against the drafting party?

BellSouth's Position:

Momentum should be required to waive its right to argue that ambiguity in the contract language should be construed against the drafter. In these negotiations, BellSouth provided to Momentum, as a starting point, a standard interconnection agreement. The parties are free to edit the document and make counter-proposals as each saw fit. The parties negotiated in good faith pursuant to section 251. In the event that a party asserts that some ambiguity remains in the agreement, there is no reason to assume that the ambiguity should be construed against BellSouth.

Petitioner's Position:

Under normal rules of construction, ambiguity in a contract may be construed against the party responsible for drafting the contract. Most of the language in this agreement was drafted by BellSouth. Should a dispute arise, Momentum should be able to argue that the normal rules of construction should apply.

V. CONCLUSION

The allegations contained in Paragraph V of the *Petition* do not require a response from BellSouth. BellSouth avers that the Authority should reject Momentum's positions on each of the issues set forth in its *Petition* and, instead, adopt BellSouth's positions on each issue. BellSouth further states that

Momentum's request for Authority mediation should be denied. BellSouth affirmatively avers that it will continue negotiations with Momentum in an attempt to resolve all of the issues that remain outstanding, and no mediation is necessary. Moreover, Momentum is no longer entitled to mediation as a matter of right. BellSouth denies each allegation in the *Petition* not expressly admitted herein.

Respectfully submitted,

BELLSOUTH TELECOMMUNICATIONS, INC.



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CERTIFICATE OF SERVICE

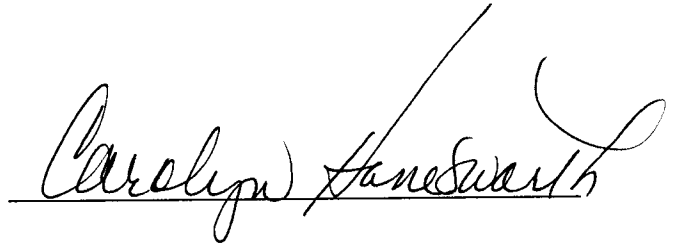
I hereby certify that on March 3, 2006, a copy of the foregoing document was served on the following, via the method indicated:

- ☐ Hand
- ☐ Mail
- ☐ Facsimile
- ☐ Overnight
- ☒ Electronic

Henry Walker, Esquire
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- ☐ Hand
- ☐ Mail
- ☐ Facsimile
- ☐ Overnight
- ☒ Electronic

Rick Richardson, Esquire
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2090 Columbiana Road, #3000
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rrichardson@momentumtelecom.com



Carolyn Lane Smith

AGREEMENT GENERAL TERMS AND CONDITIONS

THIS AGREEMENT is made by and between BellSouth Telecommunications, Inc., (BellSouth), a Georgia corporation, and Momentum Telecom, Inc., a Delaware corporation for the states of Alabama, Florida, Kentucky, Louisiana, Mississippi, South Carolina and Tennessee, and Momentum Business Solutions, Inc., a Delaware corporation for the states of Georgia and North Carolina (collectively, Momentum), and shall be effective on the Effective Date, as defined herein. This Agreement may refer to either BellSouth or Momentum or both as a “Party” or “Parties.”

W I T N E S S E T H

WHEREAS, BellSouth is a local exchange telecommunications company authorized to provide Telecommunications Services (as defined below) in the states of Alabama, Florida, Georgia, Kentucky, Louisiana, Mississippi, North Carolina, South Carolina and Tennessee; and

WHEREAS, Momentum is or seeks to become a CLEC authorized to provide telecommunications services in the states of Alabama, Florida, Georgia, Kentucky, Louisiana, Mississippi, North Carolina, South Carolina, and Tennessee; and

WHEREAS, [MT proposes 1-6-06] Momentum wishes to enter into an interconnection agreement pursuant to [BST counterproposes 1-13-06] Sections 251 and 252 of the Act pursuant to Sections 251 and, 252 and/or 271 of the Act; Momentum wishes to continue to purchase certain services from BellSouth at the expiration of the Parties’ current ICA; and

WHEREAS, [MT proposes 1-6-06] the Parties wish to interconnect their facilities, exchange traffic, and perform Local Number Portability (“LNP”) pursuant to to said [BST counterproposes 1-13-06] Sections 251 and 251 and 252-252 of the Act as set forth herein; and

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

Definitions

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

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

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

[BellSouth Version] Effective Date is defined as the date that the Agreement is effective for purposes of rates, terms and conditions and **shall be thirty (30) days after the date of the last signature executing the Agreement**. Future amendments for rate changes will also be effective thirty (30) days after the date of the last signature executing the amendment. Except as otherwise ordered prior to or after the Effective Date of this Agreement, or as agreed to by the Parties, the rates, terms and conditions of this Agreement shall not be applied retroactively prior to the Effective Date.

End User means the ultimate user of the Telecommunications Service.

FCC means the Federal Communications Commission.

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.).

1. CLEC Certification

1.1 Momentum agrees to provide BellSouth in writing Momentum's CLEC certification for all states covered by this Agreement except Kentucky prior to BellSouth filing this Agreement with the appropriate Commission for approval.

1.1.1 Momentum shall provide an effective certification to do business issued by the secretary of state or equivalent authority in each state covered by this Agreement.

1.2 To the extent Momentum is not certified as a CLEC in each state covered by this Agreement as of the execution hereof, Momentum may not purchase services hereunder in that state. Momentum will notify BellSouth in writing and provide CLEC certification when it becomes certified to operate in any other state covered by this Agreement and upon receipt thereof, Momentum may thereafter purchase services pursuant to this Agreement in that state. BellSouth will file this Agreement with the appropriate Commission for approval.

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- 1.3 Should Momentum's certification in any state be rescinded or otherwise terminated, BellSouth may, at its election, **[BST proposes 1-13-06]suspend or** terminate this Agreement after notice from BellSouth and a commercially reasonable opportunity to cure the termination as to the state or states in which Momentum's certification has been rescinded or terminated, and all **undisputed** **[BST ok with undisputed]** monies owed on all outstanding invoices **-for services provided [BST proposes 1-13-06]** shall become due, and BellSouth may refuse to provide services hereunder in that state or states until certification is reinstated in that state or states, provided such notification is made prior to expiration of the initial term of this Agreement.

2. Term of the Agreement

- 2.1 The initial term of this Agreement shall be three years, beginning on the Effective Date and shall apply to the BellSouth territory in the state(s) of Alabama, Florida, Georgia, Kentucky, Louisiana, Mississippi, North Carolina, South Carolina and Tennessee.

- 2.2 The Parties agree that by no earlier than two hundred seventy (270) days and no later than one hundred and eighty (180) days prior to the expiration of the initial term of this Agreement, they shall commence negotiations for a new agreement (Subsequent Agreement) to be effective beginning on the expiration date of this Agreement. If as of the expiration of the initial term of this Agreement, a Subsequent Agreement has not been executed by the Parties, then except as set forth in Sections 2.3.1 and 2.3.2 below, this Agreement shall continue on a month-to-month basis while a Subsequent Agreement is being negotiated. The Parties' rights and obligations with respect to this Agreement after expiration of the initial term shall be as set forth in Section 2.3 below.

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

- 2.3.1 Momentum may request termination of this Agreement only if it is no longer purchasing services pursuant to this Agreement. Except as set forth in Section 2.3.2 below, notwithstanding the foregoing, in the event that as of the date of expiration of the initial term of this Agreement and conversion of this Agreement to a month-to-month term, the Parties have not entered into a Subsequent Agreement and either (i) no arbitration proceeding has been filed in accordance with 2.3 above, or (ii) the Parties have not extended the arbitration and negotiation windows, then BellSouth may terminate this Agreement upon sixty (60) days written notice to Momentum. In the event that BellSouth terminates this Agreement as provided above, BellSouth shall continue to offer services to Momentum pursuant to the rates, terms and conditions set forth in BellSouth's then current standard interconnection agreement. In the event that BellSouth's

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standard interconnection agreement becomes effective between the Parties, the Parties may continue to negotiate a Subsequent Agreement.

2.3.2

Notwithstanding Section 2.3 above, in the event that as of the expiration of the initial term of this Agreement the Parties (i) have not entered into a Subsequent Agreement, (ii) no arbitration proceeding has been filed in accordance with Section 2.2 above, (iii) the Parties have not extended the arbitration and negotiation windows, and (iv) BellSouth is not providing any services under this Agreement as of the date of expiration of the initial term of this Agreement, then this Agreement shall not continue on a month to month basis but shall be deemed terminated as of the expiration date hereof.

2.4

In addition to as otherwise set forth in this Agreement, BellSouth reserves the right to suspend access to ordering systems, refuse to process additional or pending applications for service, or terminate service in the event of prohibited, unlawful or improper use of BellSouth's facilities or service, abuse of BellSouth's facilities or any other material breach of this Agreement, after prior written notice to Momentum. If Momentum cures the breach within a commercially reasonable timeframe, BellSouth will reestablish access to ordering systems, reopen processing of additional or pending applications for service, and reestablish any terminated service upon Momentum's showing that such abuse or unlawful activity has ceased. All applicable nonrecurring and recurring charges ~~shall be applicable~~ for the reestablishment of ordering systems and reopening of orders ~~shall be applied~~, if applicable. [BST proposes 1-13-06]

2.5

If, at any time during the term of this Agreement, BellSouth is unable to contact Momentum pursuant to the Notices provision hereof or any other contact information provided by Momentum under this Agreement, and there are no active services being provisioned under this Agreement, then BellSouth may, at its discretion, terminate this Agreement, without any liability whatsoever, upon sending of notification to Momentum pursuant to the Notices section hereof.

3.

Nondiscriminatory Access

When Momentum purchases Telecommunications Services from BellSouth pursuant to Attachment 1 of this Agreement for the purposes of resale to End Users, such services shall be equal in quality, subject to the same conditions, and provided within the same provisioning time intervals that BellSouth provides to others, including its 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 Momentum shall be at least equal to that which BellSouth provides to itself and shall be the same for all Telecommunications carriers requesting access to that Network Element. The quality of the interconnection between the network of BellSouth and the network of Momentum 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

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within BellSouth's network and shall extend to a consideration of service quality as perceived by BellSouth's End Users and service quality as perceived by Momentum.

4 Court Ordered Requests for Call Detail Records and Other Subscriber Information

4.1 Subpoenas Directed to BellSouth. Where BellSouth provides resold services for Momentum, or, if applicable under this Agreement, switching, BellSouth shall respond to subpoenas and court ordered requests delivered directly to BellSouth for the purpose of providing call detail records when the targeted telephone numbers belong to Momentum End Users. Billing for such requests will be generated by BellSouth and directed to the law enforcement agency initiating the request. BellSouth shall maintain such information for Momentum End Users for the same length of time it maintains such information for its own End Users.

4.2 Subpoenas Directed to Momentum. Where BellSouth is providing resold services to Momentum, or, if applicable under this Agreement, switching, then Momentum agrees that in those cases where Momentum receives subpoenas or court ordered requests regarding targeted telephone numbers belonging to Momentum End Users, and where Momentum does not have the requested information, Momentum will advise the law enforcement agency initiating the request to redirect the subpoena or court ordered request to BellSouth for handling in accordance with 4.1 above.

4.3 In all other instances, where either Party receives a request for information involving the other Party's End User, the Party receiving the request will advise the law enforcement agency initiating the request to redirect such request to the other Party.

5 Liability and Indemnification

5.1 Momentum Liability. In the event that Momentum consists of two (2) or more separate entities as set forth in this Agreement and/or any Amendments hereto, or any third party places orders under this Agreement using Momentum's company codes or identifiers, all such entities shall be jointly and severally liable for the obligations of Momentum under this Agreement.

5.2 Liability for Acts or Omissions of Third Parties. BellSouth shall not be liable to Momentum for any act or omission of another entity providing any services to Momentum.

5.3 Limitation of Liability. Except for any indemnification obligations of the Parties hereunder, each Party's liability to the other for any loss, cost, claim, injury, liability or expense, including reasonable attorneys' fees relating to or arising out of any cause whatsoever, whether based in contract, negligence or other tort, strict liability or otherwise, relating to the performance of this Agreement, shall not exceed a credit for the actual cost of the services or functions not performed or

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improperly performed. ~~Any amounts paid to Momentum pursuant to Attachment 9 hereof shall be credited against any damages otherwise payable to Momentum pursuant to this Agreement. Provided, however, nothing herein is intended to limit amounts owed pursuant to Attachment 9. [BST proposes to strike last 2 sentences, as it would be covered in the SEEMs plans]~~

- 5.3.1 Limitations in Tariffs. A Party may, in its sole discretion, provide in its tariffs and contracts with its End Users 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 the End User 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, except to the extent caused by the other Party's gross negligence or willful misconduct, 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.
- 5.3.2 Neither BellSouth nor Momentum shall be liable for damages to the other Party's terminal location, equipment or End User 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 Party's negligence or willful misconduct or by a Party's failure to ground properly a local loop after disconnection.
- 5.3.3 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.
- 5.3.4 To the extent any specific provision of this Agreement purports to impose liability, or limitation of liability, on either Party different from or in conflict with the liability or limitation of liability set forth in this Section, then with respect to any facts or circumstances covered by such specific provisions, the liability or limitation of liability contained in such specific provision shall apply.

5.4 Indemnification for Certain Claims. Except to the extent caused by the indemnified Party's gross negligence or willful misconduct, 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 Party'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 Party's own communications, or (2) any claim, loss or damage claimed by the End User of the Party receiving services arising from such company's use or reliance on the providing Party's services, actions, duties, or obligations arising out of this Agreement.

5.5 Disclaimer. EXCEPT AS SPECIFICALLY PROVIDED TO THE CONTRARY IN THIS AGREEMENT, NEITHER PARTY MAKES ANY REPRESENTATIONS OR WARRANTIES TO THE OTHER PARTY CONCERNING THE SPECIFIC QUALITY OF ANY SERVICES, OR FACILITIES PROVIDED UNDER THIS AGREEMENT. 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.

6 **Intellectual Property Rights and Indemnification**

6.1 No License. Except as expressly set forth in Section 6.2, no patent, copyright, trademark or other proprietary right is licensed, granted or otherwise transferred by this Agreement. The Parties are strictly prohibited from any use, including but not limited to, in the selling, marketing, promoting or advertising of telecommunications services, of any name, service mark, logo or trademark (collectively, the "Marks") of the other Party. The Marks include those Marks owned directly by a Party or its Affiliate(s) and those Marks that a Party has a legal and valid license to use. The Parties acknowledge that they are separate and distinct and that each provides a separate and distinct service and agree that neither Party may, expressly or impliedly, state, advertise or market that it is or offers the same service as the other Party or engage in any other activity that may result in a likelihood of confusion between its own service and the service of the other Party. Nothing in this Agreement shall limit or preclude either Party from engaging in truthful comparative advertising so long as the reference is truthful and factual, does not relate to the source of the underlying service and does not imply any agency relationship, partnership, endorsement, sponsorship or affiliation by or with the other.

6.2 Ownership of Intellectual Property. Any intellectual property that originates from or is developed by a Party shall remain the exclusive property of that Party. Except for a limited, non-assignable, non-exclusive, non-transferable 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

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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. Neither shall it be implied nor arise by estoppel. Any trademark, copyright or other proprietary notices appearing in association with the use of any facilities or equipment (including software) shall remain on the documentation, material, product, service, equipment or software. 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.

6.3 Intellectual Property Remedies

6.3.1 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 in the manner contemplated under this Agreement and will indemnify the receiving Party for any damages awarded based solely on such claims in accordance with Section 5 preceding.

6.3.2 Claim of Infringement. In the event that use of any facilities or equipment (including software), becomes, or in the reasonable judgment of the Party who owns the affected network is likely to become, the subject of a claim, action, suit, or proceeding based on intellectual property infringement, then said Party, promptly and at its sole expense and sole option, but subject to the limitations of liability set forth below, shall:

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

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

6.3.2.3 In the event Section 6.3.2.1 or 6.3.2.2 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.

6.3.3 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

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affected facilities or equipment (including software) after being placed on notice to discontinue use as set forth herein.

6.3.4 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.

6.3.5 Dispute Resolution. Any claim arising under Section 6.1 and 6.2 shall be excluded from the dispute resolution procedures set forth in Section 8 and shall be brought in a court of competent jurisdiction.

7 **Proprietary and Confidential Information**

7.1 Proprietary and Confidential Information. It may be necessary for BellSouth and Momentum, each as the "Discloser," to provide to the other Party, as "Recipient," certain proprietary and confidential information (including trade secret information) including but not limited to technical, financial, marketing, staffing and business plans and information, strategic information, proposals, request for proposals, specifications, drawings, maps, prices, costs, costing methodologies, procedures, processes, business systems, software programs, techniques, customer account data, call detail records and like information (collectively the "Information"). All such Information conveyed in writing or other tangible form shall be clearly marked with a confidential or proprietary legend. Information conveyed orally by the Discloser to Recipient shall be designated as proprietary and confidential at the time of such oral conveyance, shall be reduced to writing by the Discloser within forty-five (45) days thereafter, and shall be clearly marked with a confidential or proprietary legend.

7.2 Use and Protection of Information. Recipient agrees to protect such Information of the Discloser provided to Recipient from whatever source from distribution, disclosure or dissemination to anyone except employees of Recipient with a need to know such Information solely in conjunction with Recipient's analysis of the Information and for no other purpose except as authorized herein or as otherwise authorized in writing by the Discloser. Recipient will not make any copies of the Information inspected by it.

7.3 Exceptions. Recipient will not have an obligation to protect any portion of the Information which:

7.3.1 (a) is made publicly available by the Discloser or lawfully by a nonparty to this Agreement; (b) is lawfully obtained by Recipient from any source other than Discloser; (c) is previously known to Recipient without an obligation to keep it confidential; or (d) is released from the terms of this Agreement by Discloser upon written notice to Recipient.

- 7.4 Recipient agrees to use the Information solely for the purposes of negotiations pursuant to 47 U.S.C. 251 or in performing its obligations under this Agreement and for no other entity or purpose, except as may be otherwise agreed to in writing by the Parties. Nothing herein shall prohibit Recipient from providing information requested by the FCC or a state regulatory agency with jurisdiction over this matter, or to support a request for arbitration or an allegation of failure to negotiate in good faith.
- 7.5 Recipient agrees not to publish or use the Information for any advertising, sales or marketing promotions, press releases, or publicity matters that refer either directly or indirectly to the Information or to the Discloser or any of its affiliated companies.
- 7.6 The disclosure of Information neither grants nor implies any license to the Recipient under any trademark, patent, copyright, application or other intellectual property right that is now or may hereafter be owned by the Discloser.
- 7.7 Survival of Confidentiality Obligations. The Parties' rights and obligations under this Section 7 shall survive and continue in effect until two (2) years after the expiration or termination date of this Agreement with regard to all Information exchanged during the term of this Agreement. Thereafter, the Parties' rights and obligations hereunder survive and continue in effect with respect to any Information that is a trade secret under applicable law.

8 **Resolution of Disputes**

Except as otherwise stated in this Agreement, if any dispute arises as to the interpretation of any provision of this Agreement or as to the proper implementation of this Agreement, the aggrieved Party, if it elects to pursue resolution of the dispute, *shall* petition the Commission for a resolution of the dispute. However, each Party reserves any rights it may have to seek judicial review of any ruling made by the Commission concerning this Agreement.

9 **Taxes**

- 9.1 Definition. For purposes of this Section, the terms "taxes" and "fees" shall include but not be limited to federal, state or local sales, use, excise, gross receipts or other taxes or tax-like fees of whatever nature and however designated (including tariff surcharges and any fees, charges or other payments, contractual or otherwise, for the use of public streets or rights of way, whether designated as franchise fees or otherwise) 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.
- 9.2 Taxes and Fees Imposed Directly On Either Providing Party or Purchasing Party. 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.

- 9.2.1 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.
- 9.3 Taxes and Fees Imposed on Purchasing Party But Collected And Remitted By Providing Party. 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.
- 9.3.1 To the extent permitted by applicable law, any such taxes and/or fees shall be shown 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.
- 9.3.2 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.
- 9.3.3 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.
- 9.3.4 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.
- 9.3.5 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.

- 9.3.6 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.
- 9.4 Taxes and Fees Imposed on Providing Party But Passed On To Purchasing Party. 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.
- 9.4.1 To the extent permitted by applicable law, any such taxes and/or fees shall be shown 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.
- 9.4.2 If the purchasing Party disagrees with the providing Party's determination as to the application or basis for any such tax or fee, the Parties shall consult with respect to the imposition and billing of such tax or fee. Notwithstanding the foregoing, the providing Party shall retain ultimate responsibility for determining whether and to what extent any such taxes or fees are applicable, and the purchasing Party shall abide by such determination and pay such taxes or fees to the providing Party. The providing Party shall further retain ultimate responsibility for determining whether and how to contest the imposition of such taxes and fees; provided, however, that any such contest undertaken at the request of the purchasing Party shall be at the purchasing Party's expense.
- 9.4.3 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.
- 9.4.4 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.
- 9.4.5 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 attorneys' 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.

9.4.6 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.

9.5 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.

10 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 Momentum, 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.

11 Adoption of Agreements

Pursuant to 47 USC § 252(i) and 47 C.F.R. § 51.809, BellSouth shall make available to Momentum any entire interconnection agreement filed and approved pursuant to 47 USC § 252. The adopted agreement shall apply to the same states as the agreement that was adopted, and the term of the adopted agreement shall expire on the same date as set forth in the agreement that was adopted.

12 *Modification of Agreement*

12.11.1 If Momentum changes its name or makes changes to its company structure or identity due to a merger, acquisition, transfer or any other reason, it is the responsibility of Momentum to notify BellSouth of said change, request that an amendment to this Agreement, if necessary, be executed to reflect said change and notify the appropriate state commission of such modification of company structure in accordance with the state rules governing such modification in company structure if applicable. Additionally, Momentum shall provide BellSouth with any necessary supporting documentation.

12.211.2 No modification, amendment, supplement to, or waiver of the Agreement or any of its provisions shall be effective and binding upon the Parties unless it is made in writing and duly signed by the Parties.

12.311.3 In the event that any effective legislative, regulatory, judicial or other legal action materially affects any material terms of this Agreement, or the ability of Momentum or BellSouth to perform any material terms of this Agreement, Momentum or BellSouth may, on thirty (30) days' written notice, require that such terms be renegotiated, and the Parties shall renegotiate in good faith such mutually acceptable new terms as may be required. In the event that such new terms are not renegotiated within forty-five (45) days after such notice, and either Party elects to pursue resolution of such amendment such Party shall pursue the Dispute Resolution procedure set forth in this Agreement.

1312 Legal Rights

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

14 Indivisibility

Subject to Section 15 (Severability), the Parties intend that this Agreement be indivisible and nonseverable, and each of the Parties acknowledges that it has assented to all of the covenants and promises in this Agreement as a single whole and that all of such covenants and promises, taken as a whole, constitute the essence of the contract. Without limiting the generality of the foregoing, each of the Parties acknowledges that any provision by BellSouth of collocation space under this Agreement is solely for the purpose of facilitating the provision of other services under this Agreement and that neither Party would have contracted with respect to the provisioning of collocation space under this Agreement if the covenants and promises of the other Party with respect to the other services provided under this Agreement had not been made. The Parties further acknowledge that this Agreement is intended to constitute a single transaction, that the obligations of the Parties under this Agreement are interdependent, and that payment obligations under this Agreement are intended to be recouped against other payment obligations under this Agreement.

15 Severability

If any provision of this Agreement, or part thereof, shall be held invalid or unenforceable in any respect, the remainder of the Agreement or provision shall not be affected thereby, provided that the Parties shall negotiate in good faith to

reformulate such invalid provision, or part thereof, or related provision, to reflect as closely as possible the original intent of the parties, consistent with applicable law, and to effectuate such portions thereof as may be valid without defeating the intent of such provision. In the event the Parties are unable to mutually negotiate such replacement language, either Party may elect to pursue the dispute resolution process set forth in Section 8.

16 Non-Waivers

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

17 Governing Law

Where applicable, this Agreement shall be governed by and construed in accordance with federal and state substantive telecommunications law, including rules and regulations of the FCC and appropriate Commission. In all other respects, this Agreement shall be governed by and construed and enforced in accordance with the laws of the State of Georgia without regard to its conflict of laws principles.

18 Assignments and Transfers

18.1 Any assignment by either Party to any entity of any right, obligation or duty, or of any other interest hereunder, in whole or in part, without the prior written consent of the other Party shall be void. The assignee must provide evidence of a Commission approved certification to provide Telecommunications Service in each state that Momentum is entitled to provide Telecommunications Service. After BellSouth's consent, the Parties shall amend this Agreement to reflect such assignments and shall work cooperatively to implement any changes required due to such assignment. All obligations and duties of any Party under this Agreement shall be binding on all successors in interest and assigns of such Party. No assignment or delegation hereof shall relieve the assignor of its obligations under this Agreement in the event that the assignee fails to perform such obligations. Notwithstanding anything to the contrary in this Section, Momentum shall not be permitted to assign this Agreement in whole or in part to any entity unless either (1) Momentum pays all undisputed bills, past due and current, under this Agreement, or (2) Momentum's assignee expressly assumes liability for payment of such bills.

18.2 In the event that Momentum desires to transfer any services hereunder to another provider of Telecommunications Service, or Momentum desires to assume hereunder any services provisioned by BellSouth to another provider of

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Telecommunications Service, such transfer of services shall be subject to separately negotiated rates, terms and conditions.

19 Notices

- 19.1 With the exception of billing notices, governed by Attachment 7, every notice, consent or approval of a legal nature, required or permitted by this Agreement shall be in writing and shall be delivered either by hand, by overnight courier or by US mail postage prepaid, or email if an email address is listed below, addressed to:

BellSouth Telecommunications, Inc.

BellSouth Local Contract Manager
600 North 19th Street, 8th floor
Birmingham, AL 35203

and

ICS Attorney
Suite 4300
675 West Peachtree Street
Atlanta, GA 30375

Momentum Telecom, Inc.
Momentum Business Solutions, Inc.

2700 Corporate Drive
Suite 200
Birmingham, AL 35242

Attn: Mr. Alan Creighton, CEO and
Mr. Rick Richardson, Vice President, Legal and Regulatory

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

- 19.2 Unless otherwise provided in this Agreement, notice by mail shall be effective on the date it is officially recorded as delivered by return receipt or equivalent, and in the absence of such record of delivery, it shall be presumed to have been delivered the fifth day, or next business day after the fifth day, after it was deposited in the mails.
- 19.3 Notwithstanding the above, BellSouth will post to BellSouth's Interconnection Web site changes to business processes and policies and shall post to BellSouth's Interconnection Web site or submit through applicable electronic systems, other service and business related notices not requiring an amendment to this Agreement.

20 [Momentum Version] Rule of Construction

No rule of construction requiring interpretation against the drafting Party hereof shall apply in the interpretation of this Agreement. ***The Parties acknowledge that this Agreement is the result of negotiations. Either Party is free to argue that the rule of construction requiring interpretation against the drafting Party does or does not apply in the interpretation of this Agreement.***

[BellSouth Version] Rule of Construction

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

21 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.

22 Multiple Counterparts

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

23 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, and the Parties shall share equally any filing fees therefor. If the regulatory agency imposes any filing or public interest notice fees regarding the filing or approval of the Agreement, Momentum shall be responsible for publishing the required notice and the publication and/or notice costs shall be borne by Momentum.

Notwithstanding the foregoing, this Agreement shall not be submitted for approval by the appropriate state regulatory agency unless and until such time as Momentum is duly certified as a local exchange carrier in such state, except as otherwise required by a Commission.

24 Compliance with Law

The Parties have negotiated their respective rights and obligations pursuant to substantive Federal and State Telecommunications law and this Agreement is intended to memorialize the Parties' mutual agreement with respect to each Party's rights and obligations under the Act and applicable FCC and Commission orders, rules and regulations. Nothing contained herein, nor any reference to applicable rules and orders, is intended to expand on the Parties' rights and

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obligations as set forth herein. To the extent the provisions of this Agreement differ from the provisions of any Federal or State Telecommunications statute, rule or order in effect as of the execution of this Agreement, this Agreement shall control. Each Party shall comply at its own expense with all other laws of general applicability.

25 Necessary Approvals

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

26 Good Faith Performance

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

27. Rates

27.1 [BellSouth Version] Momentum shall pay the charges set forth in this Agreement. In the event that BellSouth is unable to bill the applicable rate or no rate is established or included in this Agreement such charges incurred under this Agreement, including back billing and billing disputes, are subject to a one (1) year limitations period. However, both Parties recognize that situations exist which may necessitate billing beyond one (1) year and to the extent not bound by the applicable limitations period. These exceptions are:

•Charges connected with jointly provided services whereby meet point billing guidelines require either party to rely on records provided by a third party and such records have not been provided in a timely manner.

•Charges incorrectly billed due to erroneous information supplied by the non-billing Party

•Rates requiring true-up pursuant to Commission, FCC, or court order.

27.2 To the extent a rate element is omitted or no rate is established, BellSouth has the right not to provision such service until the Agreement is amended to include such rate.

27.3 To the extent Momentum requests services not included in this Agreement, such services shall be provisioned pursuant to the rates, terms and conditions set forth in the applicable tariffs or a separately negotiated Agreement.

28 Rate True-Up

28.1 This section applies to rates that are expressly designated as subject to true-up under this Agreement.

28.2 The designated true-up rates shall be trued-up, either up or down, based on final prices determined either by further agreement between the Parties, or by a final and effective order of the Commission. The Parties shall implement the true-up by comparing the actual volumes and demand for each item, together with the designated true-up rates 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 shall submit the matter to the Dispute Resolution process in accordance with the provisions of this Agreement.

28.3 A final and effective order of the Commission that forms the basis of a true-up shall be based upon cost studies submitted by either or both Parties to the Commission and shall be binding upon BellSouth and Momentum specifically or upon all carriers generally, such as a generic cost proceeding.

29 Survival

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

30 Entire Agreement

30.1 This Agreement means the General Terms and Conditions, the Attachments identified in Section 30.2 below, and all documents identified therein, as such may be amended from time to time and which are incorporated herein by reference, all of which, when taken together, are intended to constitute one indivisible agreement. This Agreement sets forth the entire understanding and supersedes prior agreements between the Parties relating to the subject matter contained in this Agreement and merges all prior discussions between them. Any orders placed under prior agreements between the Parties shall be governed by the terms of this Agreement and Momentum acknowledges and agrees that any and all amounts and obligations owed for services provisioned or orders placed under prior agreements between the Parties, related to the subject matter hereof, shall be due and owing under this Agreement and be governed by the terms and conditions of this Agreement as if such services or orders were provisioned or placed under this Agreement. 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

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writing and executed by a duly authorized officer or representative of the Party to be bound thereby.

30.2 This Agreement includes Attachments with provisions for the following:

Resale
Network Elements and Other Services
Network Interconnection
Collocation
Access to Numbers and Number Portability
Pre-Ordering, Ordering, Provisioning, Maintenance and Repair
Billing
Rights-of-Way, Conduits and Pole Attachments
Performance Measurements
BellSouth Disaster Recovery Plan
Bona Fide Request/New Business Request Process

30.3 Any reference throughout this Agreement to a tariff, industry guideline, BellSouth's technical guideline or reference, BellSouth business rule, guide or other such document containing processes or specifications applicable to the services provided pursuant to this agreement, shall be construed to refer to only those provisions thereof that are applicable to these services, and shall include any successor or replacement versions thereof, all as they are amended from time to time and all of which are incorporated herein by reference, *and may be found at BellSouth's Interconnection web site at: www.interconnection.bellsouth.com.* *References to state tariffs* throughout this Agreement shall be to the tariff for the state in which the services were provisioned; provided, however, that in any state where certain BellSouth services or tariff provisions have been or become deregulated or detariffed, any reference in this Agreement to a detariffed or deregulated service or provision of such tariff shall be deemed to refer to the service description, price list or other agreement pursuant to which BellSouth provides such services as a result of detariffing or deregulation.

Attachment 1

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Attachment 1

Resale

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RESALE

1. Discount Rates

- 1.1 The discount rates applied to Momentum purchases of BellSouth Telecommunications Services for the purpose of resale shall be as set forth in Exhibit D. Such discounts have been determined by the applicable Commission to reflect the costs avoided by BellSouth when selling a service for wholesale purposes.
- 1.2 The telecommunications services available for purchase by Momentum for the purposes of resale to Momentum's End Users shall be available at BellSouth's tariffed rates less the discount set forth in Exhibit D to this Agreement and subject to the exclusions and limitations set forth in Exhibit A to this Agreement.

2. Definition of Terms

- 2.1 COMPETITIVE LOCAL EXCHANGE COMPANY (CLEC) means a telephone company certificated by the Commission to provide local exchange service within BellSouth's franchised area.
- 2.2 CUSTOMER OF RECORD means the entity responsible for placing application for service; requesting additions, rearrangements, maintenance or discontinuance of service; payment in full of charges incurred such as non-recurring, monthly recurring, toll, directory assistance, etc.
- 2.3 DEPOSIT means assurance provided by a customer in the form of cash, surety bond or bank letter of credit to be held by BellSouth.
- 2.4 END USER means the ultimate user of the Telecommunications Service.
- 2.5 END USER CUSTOMER LOCATION means the physical location of the premises where an End User makes use of the telecommunications services.
- 2.6 NEW SERVICES means functions, features or capabilities that are not currently offered by BellSouth. This includes packaging of existing services or combining a new function, feature or capability with an existing service.
- 2.7 RESALE means an activity wherein a certificated CLEC, such as Momentum, subscribes to the telecommunications services of BellSouth and then offers those telecommunications services to the public.

3. General Provisions

- 3.1 All of the negotiated rates, terms and conditions set forth in this Attachment pertain to the resale of BellSouth's retail telecommunications services and other

services specified in this Attachment. Subject to effective and applicable FCC and Commission rules and orders, BellSouth shall make available to Momentum for resale those telecommunications services BellSouth makes available, pursuant to its General Subscriber Services Tariff and Private Line Services Tariff, to customers who are not telecommunications carriers.

- 3.1.1 When Momentum 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.
- 3.1.2 In Tennessee, if Momentum does not resell Lifeline service to any End Users, and if Momentum agrees to order an appropriate Operator Services/Directory Assistance block as set forth in BellSouth's General Subscriber Services Tariff, the discount shall be 21.56%.
 - 3.1.2.1 In the event Momentum resells Lifeline service to any End User in Tennessee, BellSouth will begin applying the 16% discount rate to all services. Upon Momentum and BellSouth's implementation of a billing arrangement whereby a separate Master Account (Q-account) associated with a separate Operating Customer Number (OCN) is established for billing of Lifeline service End Users, the discount shall be applied as set forth in 3.1.2 preceding for the non-Lifeline affected Master Account (Q-account).
 - 3.1.2.2 Momentum must provide written notification to BellSouth within 30 days prior to either providing its own operator services/ directory services or orders the appropriate operator services/directory assistance blocking, to qualify for the higher discount rate of 21.56%.
- 3.2 Momentum 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:
 - 3.2.1 Momentum must resell services to other End Users.
 - 3.2.2 Momentum cannot be a competitive local exchange telecommunications company for the single purpose of selling to itself.
- 3.3 Momentum will be the customer of record for all services purchased from BellSouth. Except as specified herein, BellSouth will take orders from, bill and receive payment from Momentum for said services.
- 3.4 Momentum will be BellSouth's single point of contact for all services purchased pursuant to this Agreement. BellSouth shall have no contact with the End User except to the extent provided for herein. Each Party shall provide to the other a nation wide (50 states) toll-free contact number for purposes of repair and maintenance.

- 3.5 BellSouth will continue to bill the End User for any services that the End User specifies it wishes to receive directly from BellSouth. BellSouth maintains the right to serve directly any End User within the service area of Momentum. BellSouth will continue to market directly its own telecommunications products and services and in doing so may establish independent relationships with End Users of Momentum. Neither Party shall interfere with the right of any person or entity to obtain service directly from the other Party.
- 3.5.1 When an End User of Momentum or BellSouth elects to change his/her carrier to the other Party, both Parties agree to release the End User's service to the other Party concurrent with the due date of the service order, which shall be established based on the standard interval for the End User's requested service as set forth in the BellSouth Product and Services Interval Guide.
- 3.5.2 BellSouth and Momentum will refrain from contacting an End User who has placed or whose selected carrier has placed on the End User's behalf an order to change the End User's service provider from BellSouth or Momentum to the other Party until ten (10) days following the completion of the order for service.
- 3.6 Current telephone numbers may normally be retained by the End User and are assigned to the service furnished. However, neither Party nor the End User has a property right to the telephone number or any other call number designation associated with services furnished by BellSouth, and no right to the continuance of service through any particular central office. BellSouth reserves the right to change such numbers, or the central office designation associated with such numbers, or both, whenever BellSouth deems it necessary to do so in the conduct of its business and in accordance with BellSouth practices and procedures on a nondiscriminatory basis.
- 3.7 Where BellSouth provides resold services to Momentum, BellSouth will provide Momentum with on-line access to intermediate telephone numbers as defined by applicable FCC rules and regulations on a first come first served basis. Momentum acknowledges that such access to numbers shall be in accordance with the appropriate FCC rules and regulations. Momentum acknowledges that there may be instances where there is a shortage of telephone numbers in a particular Common Language Location Identifier Code (CLLIC); and in such instances, Momentum shall return unused intermediate telephone numbers to BellSouth upon BellSouth's request. BellSouth shall make all such requests on a nondiscriminatory basis.
- 3.8 BellSouth will allow Momentum to designate up to 100 intermediate telephone numbers per CLLIC, for Momentum's sole use. Assignment, reservation and use of telephone numbers shall be governed by applicable FCC rules and regulations. Momentum acknowledges that there may be instances where there is a shortage of telephone numbers in a particular CLLIC and BellSouth has the right to limit access to blocks of intermediate telephone numbers. These instances include: 1)

where jeopardy status has been declared by the North American Numbering Plan (NANP) for a particular Numbering Plan Area (NPA); or 2) where a rate center has less than six months supply of numbering resources.

- 3.9 Service is furnished subject to the condition that it will not be used for any unlawful purpose.
- 3.10 Service will be discontinued if any law enforcement agency advises that the service being used is in violation of the law.
- 3.11 BellSouth can refuse service when it has grounds to believe that service will be used in violation of the law.
- 3.12 BellSouth will cooperate with law enforcement agencies with subpoenas and court orders relating to Momentum's End Users, pursuant to Section 6 of the General Terms and Conditions.
- 3.13 If Momentum or its End Users utilize a BellSouth resold telecommunications service in a manner other than that for which the service was originally intended as described in BellSouth's retail tariffs, Momentum has the responsibility to notify BellSouth. BellSouth will only provision and maintain said service consistent with the terms and conditions of the tariff describing said service.
- 3.14 Facilities and/or equipment utilized by BellSouth to provide service to Momentum remain the property of BellSouth.
- 3.15 White page directory listings for Momentum End Users will be provided in accordance with Section 8 below.
- 3.16 Service Ordering and Operations Support Systems (OSS)
 - 3.16.1 Momentum must order services through resale interfaces, i.e., the Local Carrier Service Center (LCSC) and/or appropriate Complex Resale Support Group (CRSG) pursuant to this Agreement. BellSouth has developed and made available the interactive interfaces by which Momentum may submit a Local Service Request (LSR) electronically as set forth in Attachment 6 of this Agreement. Service orders will be in a standard format designated by BellSouth.
 - 3.16.2 LSRs submitted by means of one of these interactive interfaces will incur an OSS electronic charge as set forth in Exhibit D of this Attachment. 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 set forth in Exhibit D of this Attachment. Supplements or clarifications to a previously billed LSR will not incur another OSS charge.

- 3.16.3 Denial/Restoral OSS Charge. In the event Momentum provides a list of customers to be denied and restored, rather than an LSR, each location on the list will require a separate PON and therefore will be billed as one LSR per location.
- 3.16.4 Cancellation OSS Charge. Momentum will incur an OSS charge for an accepted LSR that is later canceled.
- 3.17 Where available to BellSouth's End Users, BellSouth shall provide the following telecommunications services at a discount to allow for voice mail services:
- Message Waiting Indicator ("MWI"), stutter dialtone and message waiting light feature capabilities
 - Call Forward Busy Line ("CF/B")
 - Call Forward Don't Answer ("CF/DA")
- Further, BellSouth messaging services set forth in BellSouth's Messaging Service Information Package shall be made available for resale without the wholesale discount.
- 3.18 BellSouth shall provide branding for, or shall unbrand, voice mail services for Momentum per the Bona Fide Request/New Business Request process as set forth in Attachment 11 of this Agreement.
- 3.19 BellSouth's Inside Wire Maintenance Service Plan is available for resale at rates, terms and conditions as set forth by BellSouth and without the wholesale discount.
- 3.20 In the event Momentum acquires an End User whose service is provided pursuant to a BellSouth Special Assembly, BellSouth shall make available to Momentum that Special Assembly at the wholesale discount at Momentum's option. Momentum shall be responsible for all terms and conditions of such Special Assembly including but not limited to termination liability if applicable.
- 3.21 BellSouth shall provide 911/E911 for Momentum customers in the same manner that it is provided to BellSouth customers. BellSouth shall provide and validate Momentum customer information to the PSAP. BellSouth shall use its service order process to update and maintain, on the same schedule that it uses for its customers, the Momentum customer service information in the ALI/DMS (Automatic Location Identification/Location Information) databases used to support 911/E911 services.
- 3.22 BellSouth shall bill, and Momentum shall pay, the End User line charge associated with implementing Number Portability as set forth in BellSouth's FCC No. 1 tariff. This charge is not subject to the wholesale discount.

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

4. BellSouth's Provision of Services to Momentum

4.1 Resale of BellSouth services shall be as follows:

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

4.1.2 Hotel and Hospital PBX services are the only telecommunications services available for resale to Hotel/Motel and Hospital End Users, respectively. Similarly, Access Line Service for Customer Provided Coin Telephones is the only local service available for resale to Payphone Service Provider (PSP) customers. Shared Tenant Service customers can only be sold those local exchange access services available in BellSouth's A23 Shared Tenant Service Tariff in the states of Florida, Georgia, North Carolina and South Carolina, and in A27 in the states of Alabama, Kentucky, Louisiana, Mississippi and Tennessee.

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

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

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

4.4 If Momentum cancels an order for resold services, any costs incurred by BellSouth in conjunction with provisioning of such order will be recovered in accordance with BellSouth's General Subscriber Services Tariffs and Private Line Services Tariffs.

4.5 Service Jointly Provisioned with an Independent Company or Competitive Local Exchange Company Areas. BellSouth will in some instances provision resold services in accordance with the General Subscriber Services Tariff and Private

Line Tariffs jointly with an Independent Company or other Competitive Local Exchange Carrier.

- 4.5.1 When Momentum assumes responsibility for such service, all terms and conditions defined in the Tariff will apply for services provided within the BellSouth service area only.
- 4.5.2 Service terminating in an Independent Company or other Competitive Local Exchange Carrier area will be provisioned and billed by the Independent Company or other Competitive Local Exchange Carrier directly to Momentum.
- 4.5.3 Momentum must establish a billing arrangement with the Independent Company or other Competitive Local Exchange Carrier prior to assuming an End User account where such circumstances apply.
- 4.5.4 Specific guidelines regarding such services are available on the BellSouth Web site at <http://www.interconnection.bellsouth.com>.

5. Maintenance of Services

- 5.1 Services resold pursuant to this Attachment and BellSouth's General Subscriber Service Tariff and Private Line Service Tariff and facilities and equipment provided by BellSouth shall be maintained by BellSouth.
- 5.2 Momentum or its End Users may not rearrange, move, disconnect, remove or attempt to repair any facilities owned by BellSouth except with the written consent of BellSouth.
- 5.3 Momentum accepts responsibility to notify BellSouth of situations that arise that may result in a service problem.
- 5.4 Momentum will contact the appropriate repair centers in accordance with procedures established by BellSouth.
- 5.5 For all repair requests, Momentum shall adhere to BellSouth's prescreening guidelines prior to referring the trouble to BellSouth.
- 5.6 BellSouth will bill Momentum 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.
- 5.7 BellSouth reserves the right to contact Momentum's End Users, if deemed necessary, for maintenance purposes.

6. Establishment of Service

- 6.1 After receiving certification as a local exchange carrier from the applicable regulatory agency, Momentum will provide the appropriate BellSouth Advisory team manager the necessary documentation to enable BellSouth to establish accounts for resold services ("master account"). Momentum is required to provide the following before a master account is established: blanket letter of authorization, misdirected number form, 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 deposit and tax exemption certificate, if applicable.
- 6.2 Momentum shall provide to BellSouth a blanket letter of authorization ("LOA") certifying that Momentum will have End User authorization prior to viewing the End User's customer service record or switching the End User's service. BellSouth will not require End User confirmation prior to establishing service for Momentum's End User.
- 6.3 BellSouth will accept a request directly from the End User for conversion of the End User's service from Momentum to BellSouth or will accept a request from another CLEC for conversion of the End User's service from Momentum to such other CLEC. Upon completion of the conversion BellSouth will notify Momentum that such conversion has been completed.
- 6.4 Momentum shall have the same ability to establish a Local Service Freeze in the applicable states on its end user accounts for resold services as BellSouth does for its own end users.

7. Discontinuance of Service

- 7.1 The procedures for discontinuing service to an End User are as follows:
- 7.1.1 BellSouth will deny service to Momentum's End User on behalf of, and at the request of, Momentum. Upon restoration of the End User's service, restoral charges will apply and will be the responsibility of Momentum.
- 7.1.2 At the request of Momentum, BellSouth will disconnect a Momentum End User.
- 7.1.3 All requests by Momentum for denial or disconnection of an End User for nonpayment must be in writing.
- 7.1.4 Momentum will be made solely responsible for notifying the End User of the proposed disconnection of the service.
- 7.1.5 BellSouth will continue to process calls made to the Annoyance Call Center and will advise Momentum when it is determined that annoyance calls are originated from one of its End User's locations. BellSouth shall be indemnified, defended

and held harmless by Momentum and/or the End User against any claim, loss or damage arising from providing this information to Momentum. It is the responsibility of Momentum 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. White Pages Listings

8.1 BellSouth shall provide Momentum and its End Users access to white pages directory listings under the following terms:

8.1.2 Listings. Momentum shall provide all new, changed and deleted listings on a timely basis and BellSouth or its agent will include Momentum residential and business End User listings in the appropriate White Pages (residential and business) or alphabetical directories in the geographic areas covered by this Agreement. Directory listings will make no distinction between Momentum and BellSouth End Users. Momentum shall provide listing information in accordance with the procedures set forth in The BellSouth Business Rules for Local Ordering found at BellSouth's Interconnection Services Web site.

8.1.3 Unlisted/Non-Published End Users. Momentum will be required to provide to BellSouth the names, addresses and telephone numbers of all Momentum End Users who wish to be omitted from directories. Unlisted/Non-Published listings will be subject to the rates as set forth in BellSouth's General Subscriber Services Tariff (GSST) and shall not be subject to wholesale discount.

8.1.4 Inclusion of Momentum End Users in Directory Assistance Database. BellSouth will include and maintain Momentum End User listings in BellSouth's Directory Assistance databases. Momentum shall provide such Directory Assistance listings to BellSouth at no charge.

8.1.5 Listing Information Confidentiality. BellSouth will afford Momentum's directory listing information the same level of confidentiality that BellSouth affords its own directory listing information.

8.1.6 Additional and Designer Listings. Additional and designer listings will be offered by BellSouth at tariffed rates as set forth in the GSST and shall not be subject to the wholesale discount.

8.1.7 Rates. So long as Momentum provides listing information to BellSouth as set forth in Section 8.1.2 above, BellSouth shall provide to Momentum one (1) basic White Pages directory listing per Momentum End User at no charge other than applicable service order charges as set forth in BellSouth's tariffs. Except in the case of a local service request (LSR) submitted solely to port a number from BellSouth, if such listing is requested on the initial LSR associated with the request for services, a single manual service order charge or electronic service order charge, as appropriate, as described in Attachment 6 of this Agreement, will

apply to both the request for service and the request for the directory listing. Where a subsequent LSR is placed solely to request a directory listing, or is placed to port a number and request a directory listing, separate service order charges as set forth in BellSouth's tariffs shall apply, as well as the manual service order charge or the electronic service order charge, as appropriate, as described in Attachment 6 of this Agreement.

- 8.2 Directories. BellSouth or its agent shall make available White Pages directories to Momentum End User at no charge or as specified in a separate agreement between Momentum and BellSouth's agent.
- 8.3 Procedures for submitting Momentum Subscriber Listing Information (SLI) are found in The BellSouth Business Rules for Local Ordering found at BellSouth's Interconnection Services Web site.
- 8.3.1 Momentum authorizes BellSouth to release all Momentum SLI provided to BellSouth by Momentum to qualifying third parties pursuant to either a license agreement or BellSouth's Directory Publishers Database Service (DPDS), General Subscriber Services Tariff (GSST), as the same may be amended from time to time. Such Momentum SLI shall be intermingled with BellSouth's own End User listings and listings of any other CLEC that has authorized a similar release of SLI.
- 8.3.2 No compensation shall be paid to Momentum for BellSouth's receipt of Momentum 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 Momentum's SLI, or costs on an ongoing basis to administer the release of Momentum SLI, Momentum shall pay to BellSouth its proportionate share of the reasonable costs associated therewith. At any time that costs may be incurred to administer the release of Momentum's SLI, Momentum will be notified. If Momentum does not wish to pay its proportionate share of these reasonable costs, Momentum may instruct BellSouth that it does not wish to release its SLI to independent publishers, and Momentum shall amend this Agreement accordingly. Momentum will be liable for all costs incurred until the effective date of the amendment.
- 8.3.3 Neither BellSouth nor any agent shall be liable for the content or accuracy of any SLI provided by Momentum under this Agreement. Momentum shall indemnify, except to the extent caused by BellSouth's gross negligence or willful misconduct, hold harmless and defend BellSouth and its agents 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 Momentum listings or use of the SLI provided pursuant to this Agreement. BellSouth may forward to

Momentum any complaints received by BellSouth relating to the accuracy or quality of Momentum listings.

- 8.3.4 Listings and subsequent updates will be released consistent with BellSouth system changes and/or update scheduling requirements.

9. Operator Services (Operator Call Processing and Directory Assistance)

- 9.1 Operator Call Processing provides: (1) operator handling for call completion (for example, collect, third number billing, and manual calling-card calls). (2) operator or automated assistance for billing after the End User has dialed the called number (for example, calling card calls); and (3) special services including but not limited to Busy Line Verification and Emergency Line Interrupt (ELI), Emergency Agency Call and Operator-assisted Directory Assistance.
- 9.2 Upon request for BellSouth Operator Call Processing, BellSouth shall:
- 9.2.1 Process 0+ and 0- dialed local calls
- 9.2.2 Process 0+ and 0- intraLATA toll calls.
- 9.2.3 Process calls that are billed to Momentum End User's calling card that can be validated by BellSouth.
- 9.2.4 Process person-to-person calls.
- 9.2.5 Process collect calls.
- 9.2.6 Provide the capability for callers to bill a third party and shall also process such calls.
- 9.2.7 Process station-to-station calls.
- 9.2.8 Process Busy Line Verify and Emergency Line Interrupt requests.
- 9.2.9 Process emergency call trace originated by Public Safety Answering Points.
- 9.2.10 Process operator-assisted directory assistance calls.
- 9.2.11 Adhere to equal access requirements, providing Momentum local End Users the same IXC access that BellSouth provides its own operator service.
- 9.2.12 Exercise at least the same level of fraud control in providing Operator Service to Momentum that BellSouth provides for its own operator service.
- 9.2.13 Perform Billed Number Screening when handling Collect, Person-to-Person, and Billed-To-Third-Party calls.

- 9.2.14 Direct customer account and other similar inquiries to the customer service center designated by Momentum.
- 9.2.15 Provide call records to Momentum in accordance with ODUF standards.
- 9.2.16 The interface requirements shall conform to the interface specifications for the platform used to provide Operator Services as long as the interface conforms to industry standards.
- 9.3 Directory Assistance Service. Directory Assistance Service provides local and non-local End User telephone number listings with the option to complete the call at the caller's direction separate and distinct from local switching.
- 9.3.1 Directory Assistance Service shall provide up to two listing requests per call, if available and if requested by Momentum's End User. BellSouth shall provide caller-optional directory assistance call completion service at rates set forth in BellSouth's General Subscriber Services Tariff and shall be subject to the wholesale discount, to one of the provided listings.
- 9.4 Directory Assistance Service Updates. BellSouth shall update End User listings changes daily. These changes include:
- 9.4.1 New End User connections
- 9.4.2 End User disconnections
- 9.4.3 End User address changes
- 9.4.4 These updates shall also be provided for non-listed and non-published numbers for use in emergencies.
- 9.4.5 Unbranded DA and/or OCP calls ride common trunk groups provisioned by BellSouth from those end offices identified by Momentum to the BellSouth Tops. The calls are routed to "No Announcement."
- 9.5 Operator Services, to include operator processing and directory assistance will be offered by BellSouth at tariffed rates as set forth in the GSST and shall be subject to the wholesale discount.
- 10. Branding for Wholesale Operator Call Processing and Directory Assistance**
- 10.1 BellSouth's branding feature provides a definable announcement to Momentum End Users using Directory Assistance (DA)/Operator Call Processing (OCP) prior to placing such End Users in queue or connecting them to an available operator or automated operator system. This feature allows Momentum to have its calls custom branded with Momentum's name on whose behalf BellSouth is providing

DA and/or OCP. Rates for the branding features are set forth in Exhibit D of this Attachment.

- 10.2 BellSouth offers three branding options to Momentum when ordering BellSouth's DA and OCP: BellSouth Branding, Unbranding and Custom Branding.
- 10.3 Upon receipt of the custom branding order from Momentum, the order is considered firm after ten (10) business days. Should Momentum decide to cancel the order, Momentum must provide written notification to Momentum's Local Contract Manager. If Momentum decides to cancel after ten (10) business days from receipt of the custom branding order, Momentum shall pay all charges per the order. For branding and unbranding via Originating Line Number Screening (OLNS), Momentum must contact its account team to initiate the order via the OLNS Branding Order form.
- 10.4 Branding via Originating Line Number Screening (OLNS). BellSouth Branding, Unbranding and Custom Branding are also available for DA, OCP or both via OLNS software. When utilizing this method of Unbranding or Custom Branding, Momentum shall not be required to purchase dedicated trunking.
- 10.5 BellSouth Branding is the default branding offering.
- 10.5.1 For BellSouth to provide Unbranding or Custom Branding via OLNS software for OCP or for DA, Momentum must have its Operating Company Number (OCN(s)) and telephone numbers reside in BellSouth's LIDB. To implement Unbranding and Custom Branding via OLNS software, Momentum must submit a manual order form which requires, among other things, Momentum's OCN and a forecast, pursuant to the appropriate BellSouth form provided, for the traffic volume anticipated for each BellSouth TOPS during the peak busy hour. Momentum shall provide updates to such forecast on a quarterly basis and at any time such forecasted traffic volumes are expected to change significantly. Upon Momentum's purchase of Unbranding or Custom Branding using OLNS software for any particular TOPS, all Momentum End Users served by that TOPS will receive the Unbranded "no announcement" or the Custom Branded announcement.

11. Line Information Database (LIDB)

- 11.1 The BellSouth Line Information Database (LIDB) stores current information on working telephone numbers and billing account numbers. LIDB data is used by providers of Telecommunications Services to validate billing of collect calls, calls billed to a third party number and nonproprietary calling card calls, to screen out attempts to bill calls to payphones, for billing and for fraud prevention.
- 11.2 Where Momentum is purchasing Resale services BellSouth shall utilize BellSouth's service order generated from Momentum LSR's to populate LIDB with Momentum's End User information BellSouth provides access to information

in its LIDB, including Momentum End User information, to various providers of Telecommunications Services via queries to LIDB pursuant to applicable tariffs. Information stored for Momentum, pursuant to this Agreement, shall be available to those Telecommunications Service providers.

11.2.1 When necessary for fraud control measures, BellSouth may perform additions, updates and deletions of Momentum data to the LIDB (e.g., calling card deactivation).

11.3 Responsibilities of the Parties

11.3.1 BellSouth will administer the data provided by Momentum pursuant to this Agreement in the same manner as BellSouth administers its own data.

11.3.2 Momentum is responsible for completeness and accuracy of the data being provided to BellSouth.

11.3.3 BellSouth shall not be responsible to Momentum for any lost revenue which may result from BellSouth's administration of the LIDB pursuant to its established practices and procedures as they exist and as they may be changed by BellSouth in its sole discretion from time to time.

12. **RAO Hosting**

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

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

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

13.2 BellSouth will provide ODUF service upon written request.

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

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

14.2 BellSouth will provide EODUF service upon written request.

EXCLUSIONS AND LIMITATIONS ON SERVICES AVAILABLE FOR RESALE (Note 3)

Type of Service		AL		FL		GA		KY		LA		MS		NC		SC		TN	
		Resale	Discount	Resale	Discount	Resale	Discount	Resale	Discount	Resale	Discount	Resale	Discount	Resale	Discount	Resale	Discount	Resale	Discount
1	Grandfathered Services (Note 1)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
2	Promotions - > 90 Days(Note 2 & 3)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
3	Promotions - ≤ 90 Days (Note 2 & 3)	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No
4	Lifeline/Link Up Services	Yes	Yes	Yes	Yes	Yes	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
5	911/E911 Services	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
6	N11 Services (Note 1)	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No	No	Yes	Yes	Yes	Yes	No	No	Yes	Yes
7	MemoryCall® Service	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No
8	Mobile Services	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No
9	Federal Subscriber Line Charges	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No
10	Nonrecurring Charges	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No
11	End User Line Chg-Number Portability	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No
12	Public Telephone Access Svc(PTAS)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes
13	Inside Wire Maint Service Plan	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	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.	Promotions shall be available only for the term set forth in the applicable tariff.																		
4.	Some of BellSouth's local exchange and toll telecommunications services are not available in certain central offices and areas.																		

Optional Daily Usage File

1. Upon written request from Momentum, BellSouth will provide the Optional Daily Usage File (ODUF) service to Momentum pursuant to the terms and conditions set forth in this section.
2. Momentum shall furnish all relevant information required by BellSouth for the provision of the ODUF.
3. The ODUF feed provides Momentum messages that were carried over the BellSouth network and processed by BellSouth for Momentum.
4. Charges for ODUF will appear on Momentum's monthly bills for the previous month's usage in arrears. The charges are as set forth in Exhibit D to this Attachment. Changes made to ODUF files, specifically paid by Momentum, will remain as is, unless requested in writing by Momentum.
5. The ODUF feed will contain both rated and unrated messages. All messages will be in the standard Alliance for Telecommunications Industry Solutions (ATIS) EMI record format.
 - 5.1 Messages that error in the billing system of Momentum will be the responsibility of Momentum. If, however, Momentum should encounter significant volumes of errored messages that prevent processing by Momentum within its systems, BellSouth will work with Momentum to determine the source of the errors and the appropriate resolution.
6. ODUF Specifications
 - 6.1 ODUF Message to be Transmitted
 - 6.1.1 The following messages recorded by BellSouth will be transmitted to Momentum:
 - 6.1.1.1 Message recording for per use/per activation type services (examples: Three Way Calling, Verify, Interrupt, Call Return, etc.)
 - 6.1.1.2 Measured local calls
 - 6.1.1.3 Directory Assistance messages
 - 6.1.1.4 IntraLATA Toll

- 6.1.1.5 WATS and 800 Service
- 6.1.1.6 N11
- 6.1.1.7 Information Service Provider Messages
- 6.1.1.8 Operator Services Messages
- 6.1.1.9 Operator Services Message Attempted Calls
- 6.1.1.10 Credit/Cancel Records
- 6.1.1.11 Usage for Voice Mail Message Service
- 6.1.2 Rated Incollects (messages BellSouth receives from other revenue accounting offices) appear on ODUF. Rated Incollects will be intermingled with BellSouth recorded rated and unrated usage. Rated Incollects will not be packed separately.
- 6.1.3 BellSouth will perform duplicate record checks on records processed to ODUF. Any duplicate messages detected will be deleted and not sent to Momentum.
- 6.1.4 In the event that Momentum detects a duplicate on ODUF they receive from BellSouth, Momentum will drop the duplicate message and will not return the duplicate to BellSouth.
- 6.2 ODUF Physical File Characteristics
 - 6.2.1 ODUF will be distributed to Momentum via CONNECT: Direct. The ODUF feed will be a variable block format. The data on the ODUF feed will be in a non-compacted EMI format (175 byte format plus modules). It will be created on a daily basis Monday through Friday except holidays. Details such as dataset name and delivery schedule will be addressed during negotiations of the distribution medium. There will be a maximum of one dataset per workday per OCN. If BellSouth determines that CONNECT: Direct is nearing capacity levels, BellSouth may move Momentum to Secure File Transfer Protocol (FTP) Mailbox delivery, and the purchase of any FTP software will be the responsibility of Momentum.
 - 6.2.2 Data circuits (private line or dial-up) will be required between BellSouth and Momentum for the purpose of data transmission. Where a dedicated line is required, Momentum will be responsible for ordering the circuit, overseeing its installation and coordinating the installation with BellSouth. Momentum 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 on an ongoing basis will be negotiated on an individual case basis. Where a dial-up facility is required, dial circuits will be installed in the BellSouth data center by BellSouth and the associated charges assessed to Momentum. Additionally, all message toll charges

associated with the use of the dial circuit by Momentum will be the responsibility of Momentum. Associated equipment on the BellSouth end, including a modem, will be negotiated on an individual case basis between the Parties. All equipment, including modems and software, that is required on Momentum end for the purpose of data transmission will be the responsibility of Momentum.

6.3 ODUF Packing Specifications

6.3.1 The data will be packed using ATIS EMI records. 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 Momentum which BellSouth RAO is sending the message. BellSouth and Momentum will use the invoice sequencing to control data exchange. BellSouth will be notified of sequence failures identified by Momentum and resend the data as appropriate.

6.4 ODUF Pack Rejection

6.4.1 Momentum 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 (e.g., out-of-balance condition on grand totals, invalid data populated). Standard ATIS EMI error codes will be used. Momentum will not be required to return the actual rejected data to BellSouth. Rejected packs will be corrected and retransmitted to Momentum by BellSouth.

6.5 ODUF Control Data

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

6.6 ODUF Testing

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

Attachment 1

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Exhibit B

the files. Testing will be completed within thirty (30) calendar days from the date on which the initial test file was sent.

Enhanced Optional Daily Usage File

1. Upon written request from Momentum, BellSouth will provide the Enhanced Optional Daily Usage File (EODUF) service to Momentum 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. Momentum shall furnish all relevant information required by BellSouth for the provision of the EODUF.
3. The EODUF will provide usage data for local calls originating from resold Flat Rate Business and Residential Lines.
4. Charges for EODUF will appear on Momentum's monthly bills for the previous month's usage in arrears. The charges are as set forth in Exhibit D to this Attachment.
5. All messages will be in the standard Alliance for Telecommunications Industry Solutions (ATIS) EMI record format.
6. Messages that error in the billing system of Momentum will be the responsibility of Momentum. If, however, Momentum should encounter significant volumes of errored messages that prevent processing by Momentum within its systems, BellSouth will work with Momentum to determine the source of the errors and the appropriate resolution.
7. EODUF Specifications.
 - 7.1 EODUF Usage To Be Transmitted
 - 7.1.1 The following messages recorded by BellSouth will be transmitted to Momentum:
 - 7.1.1.1 Customer usage data for flat rated local call originating from Momentum's End User lines (1FB or 1FR). The EODUF record for flat rate messages will include:
 - 7.1.1.1.1 Date of Call
 - 7.1.1.1.2 From Number
 - 7.1.1.1.3 To Number
 - 7.1.1.1.4 Connect Time

- 7.1.1.1.5 Conversation Time
- 7.1.1.1.6 Method of Recording
- 7.1.1.1.7 From RAO
- 7.1.1.1.8 Rate Class
- 7.1.1.1.9 Message Type
- 7.1.1.1.10 Billing Indicators
- 7.1.1.1.11 Bill to Number
- 7.1.2 BellSouth will perform duplicate record checks on EODUF records processed to O DUF. Any duplicate messages detected will be deleted and not sent to Momentum.
- 7.1.3 In the event that Momentum detects a duplicate on EODUF they receive from BellSouth, Momentum will drop the duplicate message and will not return the duplicate to BellSouth.
- 7.2 EODUF Physical File Characteristics
 - 7.2.1 EODUF feed will be distributed to Momentum via CONNECT: Direct. The EODUF messages will be intermingled among Momentum's Optional Daily Usage File (ODUF) messages. The EODUF will be a variable block format. The data on the EODUF will be in a non-compacted EMI format (175 byte format plus modules). It will be created on a daily basis Monday through Friday except holidays. If BellSouth determines that CONNECT: Direct is nearing capacity levels, BellSouth may move Momentum to Secure File Transfer Protocol (FTP) Mailbox delivery, and the purchase of any FTP software will be the responsibility of Momentum.
 - 7.2.2 Data circuits (private line or dial-up) may be required between BellSouth and Momentum for the purpose of data transmission. Where a dedicated line is required, Momentum will be responsible for ordering the circuit, overseeing its installation and coordinating the installation with BellSouth. Momentum will also be responsible for any charges associated with this line. Equipment required on the BellSouth end to attach the line to the mainframe computer and to transmit successfully ongoing will be negotiated on an individual case basis. Where a dial-up facility is required, dial circuits will be installed in the BellSouth data center by BellSouth and the associated charges assessed to Momentum. Additionally, all message toll charges associated with the use of the dial circuit by Momentum will be the responsibility of Momentum. Associated equipment on

the BellSouth end, including a modem, will be negotiated on an individual case basis between the Parties. All equipment, including modems and software, that is required on Momentum's end for the purpose of data transmission will be the responsibility of Momentum.

7.3 EODUF Packing Specifications

7.3.1 The data will be packed using ATIS EMI records. A pack will contain a minimum of one message record or a maximum of 99,999 message records plus a pack header record and a pack trailer record. One transmission can contain a maximum of 99 packs and a minimum of one pack.

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

RESALE DISCOUNTS & RATES - Tennessee													Attachment: 1 Exh D						
CATEGORY	RATE ELEMENTS					Interim	Zone	BCS	USOC	RATES(\$)				Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l
										Rec	Nonrecurring First	Add'l	Nonrecurring First	Disconnect Add'l	OSS Rates(\$)				
															SOMEc	SOMAN	SOMAN	SOMAN	SOMAN
APPLICABLE DISCOUNTS																			
		Residence %								16.00									
		Business %								16.00									
		CSAs %								16.00									
OPERATIONS SUPPORT SYSTEMS (OSS) - "REGIONAL RATES"																			
NOTE: (1) CLEC should contact its contract negotiator if it prefers the "state specific" OSS charges as ordered by the State Commissions. The OSS charges currently contained in this rate exhibit are the BellSouth "regional" service ordering charges. CLEC may elect either the state specific Commission ordered rates for the service ordering charges, or CLEC may elect the regional service ordering charge, however, CLEC can not obtain a mixture of the two regardless if CLEC has a interconnection contract established in each of the 9 states.																			
		OSS - Electronic Service Order Charge, Per Local Service Request (LSR) - Resale Only						SOMEc		3.50	0.00	3.50	0.00						
		OSS - Manual Service Order Charge, Per Local Service Request (LSR) - Resale Only						SOMAN		19.99	0.00	19.99	0.00						
DIRECTORY ASSISTANCE CUSTOM BRANDING ANNOUNCEMENT via OLNS SOFTWARE																			
		Recording of DA Custom Branded Announcement								3,000.00	3,000.00								
		Loading of DA Custom Branded Announcement per Switch per OCN								1,170.00	1,170.00								
DIRECTORY ASSISTANCE UNBRANDING via OLNS SOFTWARE																			
		Loading of DA per OCN (1 OCN per Order)								420.00	420.00								
		Loading of DA per Switch per OCN								16.00	16.00								
OPERATOR ASSISTANCE CUSTOM BRANDING ANNOUNCEMENT via OLNS SOFTWARE																			
		Recording of Custom Branded OA Announcement								7,000.00	7,000.00								
		Loading of Custom Branded OA Announcement per shelf/NAV per OCN								500.00	500.00								
		Loading of OA Custom Branded Announcement per Switch per OCN								1,170.00	1,170.00								
OPERATOR ASSISTANCE UNBRANDING via OLNS SOFTWARE																			
		Loading of OA per OCN (Regional)								1,200.00	1,200.00								
ODUF/EODUF SERVICES																			
OPTIONAL DAILY USAGE FILE (ODUF)																			
		ODUF: Recording, per message								0.0000044									
		ODUF: Message Processing, per message								0.002446									
		ODUF: Message Processing, per Magnetic Tape provisioned								35.54									
		ODUF: Data Transmission (CONNECT:DIRECT), per message								0.0000339									
ENHANCED OPTIONAL DAILY USAGE FILE (EODUF)																			
		EODUF: Message Processing, per message								0.229779									

Attachment 2

Network Elements and Other Services

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ACCESS TO NETWORK ELEMENTS AND OTHER SERVICES

1 Introduction

- 1.1 This Attachment sets forth rates, terms and conditions for unbundled network elements (Network Elements) and combinations of Network Elements (Combinations) that BellSouth offers to <<customer_short_name>> for <<customer_short_name>>'s provision of Telecommunications Services in accordance with its obligations under Section 251(c)(3) of the Act. Additionally, this Attachment sets forth the rates, terms and conditions for other facilities and services BellSouth makes available to <<customer_short_name>> (Other Services). Additionally, the provision of a particular Network Element or Other Service may require <<customer_short_name>> to purchase other Network Elements or services. *[Momentum Version] Pursuant to Section 271 (c)(2)(B), BellSouth is required to provide loops, transport and switching at just and reasonable rates, which are non-discriminatory. For purposes of this Section, pricing will be at TELRIC-based rates plus one dollar (\$1) unless and until 271 pricing is set by order of the FCC or state public service commission.* In the event of a conflict between this Attachment and any other section or provision of this Agreement, the provisions of this Attachment shall control.
- 1.2 *[Momentum Version]* The rates for each Network Element, Combinations and Other Services *and 271 pricing* are set forth in Exhibits A and B *and X..* If no rate is identified in this Agreement, the rate will be as set forth in the applicable BellSouth tariff or as negotiated by the Parties upon request by either Party. If <<customer_short_name>> purchases service(s) from a tariff, all terms and conditions and rates as set forth in such tariff shall apply. A one-month minimum billing period shall apply to all Network Elements, Combinations and Other Services.
- 1.3 <<customer_short_name>> may purchase and use Network Elements and Other Services from BellSouth in accordance with 47 C.F.R § 51.309.
- 1.4 The Parties shall comply with the requirements as set forth in the technical references within this Attachment 2.
- 1.5 <<customer_short_name>> shall not obtain a Network Element for the exclusive provision of mobile wireless services or interexchange services.

1.5.1 [Momentum Version] To the extent Momentum accesses or uses UNE or Combination of UNEs in any manner not inconsistent with Section 1.5 of this Attachment, Momentum may also use the UNE or Combination of UNEs to provide any Telecommunications Service, information service or other service over the same UNE of Combination of UNEs, including but not limited to

provision of Mobile Wireless Service, Interexchange Service or inputs for Mobile Wireless Service or Interexchange Service.

1.5.2 BellSouth shall not deny Momentum access to a UNE or a combination of UNEs on the grounds of one or more of the following elements:

1.5.2.1 Is connected to, attached to, linked to, or combined with, a facility or service obtained from BellSouth: or

1.5.2.2 Shares part of BellSouth's network with access services or inputs for mobile wireless services or Interexchange services.

1.6 **[Momentum Version]** Conversion of Wholesale Services to Network Elements or Network Elements to Wholesale Services. Upon request, BellSouth shall convert a wholesale service, or group of wholesale services, to the equivalent Network Element or Combination that is available to <<customer_short_name>> pursuant to Section 251 of the Act and under this Agreement or convert a Network Element or Combination that is available to <<customer_short_name>> pursuant to Section 251 of the Act and under this Agreement to an equivalent wholesale service or group of wholesale services offered by BellSouth (collectively "Conversion"). BellSouth shall charge the applicable nonrecurring switch-as-is rates for Conversions to specific Network Elements or Combinations found in Exhibit A. BellSouth shall also charge the same nonrecurring switch-as-is rates when converting from Network Elements or Combinations. Any rate change resulting from the Conversion will be effective as of ~~the next billing cycle following~~ BellSouth's receipt of a complete and accurate Conversion request from <<customer_short_name>>. A Conversion shall be considered termination for purposes of any volume and/or term commitments and/or grandfathered status between <<customer_short_name>> and BellSouth. Any change from a wholesale service/group of wholesale services to a Network Element/Combination, or from a Network Element/Combination to a wholesale service/group of wholesale services, that requires a physical rearrangement will not be considered to be a Conversion for purposes of this Agreement. BellSouth will not require physical rearrangements if the Conversion can be completed through record changes only. Orders for Conversions will be handled in accordance with the guidelines set forth in the Ordering Guidelines and Processes and CLEC Information Packages as referenced in Sections 1.13.1 and 1.13.2 below.

1.7 **[Momentum Version]** Except to the extent expressly provided otherwise in this Attachment, <<customer_short_name>> may not maintain unbundled network elements or combinations of unbundled network elements, that are no longer offered pursuant to this Agreement (collectively "Arrangements"). In the event BellSouth determines that <<customer_short_name>> has in place any Arrangements after the Effective Date of this Agreement, BellSouth may, ~~upon~~

30 days written disconnect such Arrangements with out notice under this Agreement to <<customer_short_name>> migrate discontinued UNEs to similar arrangements provided under available tariffs.

1.7 *[Momentum Version]* Prior to submitting an order pursuant to this Agreement for high capacity (DS1 or above) Dedicated Transport or high capacity Loops, <<customer_short_name>> shall undertake a reasonably diligent inquiry to determine whether <<customer_short_name>> is entitled to unbundled access to such Network Elements in accordance with the terms of this Agreement. By submitting any such order, <<customer_short_name>> self-certifies that to the best of <<customer_short_name>>'s knowledge, the high capacity Dedicated Transport or high capacity Loop requested is available as a Network Element pursuant to this Agreement. Upon receiving such order, BellSouth shall process the request in reliance upon <<customer_short_name>>'s self-certification. To the extent BellSouth believes that such request does not comply with the terms of this Agreement, BellSouth shall seek dispute resolution *within 30 days from the date of Momentum's order, and* in accordance with the General Terms and Conditions of this Agreement.

1.8 <<customer_short_name>> may utilize Network Elements and Other Services to provide services in accordance with this Agreement, as long as such services are consistent with industry standards and applicable BellSouth Technical References.

1.8 *[Momentum Version]* BellSouth will perform Routine Network Modifications (RNM) in accordance with FCC 47 C.F.R. § 51.319 (a)(7) and (e)(4) for Loops and Dedicated Transport provided under this Attachment. If BellSouth has *anticipated such RNM and performs them during normal operations and has recovered* the costs for performing such modifications through the rates set forth in Exhibit A, then BellSouth shall perform such RNM at no additional charge. RNM shall be performed within the intervals established for the Network Element and subject to the performance measurements and associated remedies set forth in Attachment 9 of this Agreement. *to the extent such RNM were anticipated in the setting of such intervals. If BellSouth has not anticipated a requested network modification as being a RNM and has not recovered* the costs of such RNM in the rates set forth in Exhibit A, then such request will be handled as a project on an individual case basis. BellSouth will provide a price quote for the request and, upon receipt of payment from <<customer_short_name>>, BellSouth shall perform the RNM.

1.11 Commingling of Services

1.11.1 Commingling means the connecting, attaching, or otherwise linking of a Network Element, or a Combination, to one or more Telecommunications Services or facilities that <<customer_short_name>> has obtained at wholesale from

BellSouth, or the combining of a Network Element or Combination with one or more such wholesale Telecommunications Services or facilities.

<<customer_short_name>> must comply with all rates, terms or conditions applicable to such wholesale Telecommunications Services or facilities.

- 1.11.2 Subject to the limitations set forth elsewhere in this Attachment, BellSouth shall not deny access to a Network Element or a Combination on the grounds that one or more of the elements: 1) is connected to, attached to, linked to, or combined with such a facility or service obtained from BellSouth; or 2) shares part of BellSouth's network with access services or inputs for mobile wireless services and/or interexchange services.
- 1.11.3 Unless otherwise agreed to by the Parties, the Network Element portion of a commingled circuit will be billed at the rates set forth in this Agreement and the remainder of the circuit or service will be billed in accordance with BellSouth's tariffed rates or rates set forth in a separate agreement between the Parties.
- 1.11.4 When multiplexing equipment is attached to a commingled circuit, the multiplexing equipment will be billed from the same agreement or tariff as the higher bandwidth circuit. Central Office Channel Interfaces (COCI) will be billed from the same agreement or tariff as the lower bandwidth circuit.
- 1.11.5 *[Momentum Version] Notwithstanding any other provision of this Agreement, BellSouth shall not be obligated to commingle or combine Network Elements or Combinations with any service, network element or other offering that it is obligated to make available only pursuant to Section 271 of the Act.*
- 1.12 Terms and conditions for order cancellation charges and Service Date Advancement Charges will apply in accordance with Attachment 6 and are incorporated herein by this reference. The charges shall be as set forth in Exhibit A.
- 1.13 Ordering Guidelines and Processes
- 1.13.1 For information regarding Ordering Guidelines and Processes for various Network Elements, Combinations and Other Services, <<customer_short_name>> should refer to the "Guides" section of the BellSouth Interconnection Web site, which is incorporated herein by reference, as amended from time to time. The Web site address is:
<http://www.interconnection.bellsouth.com/>.
- 1.13.2 Additional information may also be found in the individual CLEC Information Packages, which are incorporated herein by reference, as amended from time to time, located at the "CLEC UNE Products" Web site address:
<http://www.interconnection.bellsouth.com/guides/html/unes.html>.

- 1.13.3 The provisioning of Network Elements, Combinations and Other Services to <<customer_short_name>>'s Collocation Space will require cross-connections within the central office to connect the Network Element, Combinations or Other Services to the demarcation point associated with <<customer_short_name>>'s Collocation Space. These cross-connects are separate components that are not considered a part of the Network Element, Combinations or Other Services and, thus, have a separate charge pursuant to this Agreement.
- 1.13.4 Testing/Trouble Reporting.
- 1.13.4.1 <<customer_short_name>> will be responsible for testing and isolating troubles on Network Elements in accordance with Section 2.5, Maintenance and Repair, of Attachment 6.
- 2 Loops**
- 2.1 General. The local loop Network Element is defined as a transmission facility that BellSouth provides pursuant to this Attachment between a distribution frame (or its equivalent) in BellSouth's central office and the loop demarcation point at an End User premises (Loop). Facilities that do not terminate at a demarcation point at an End User premises, including, by way of example, but not limited to, facilities that terminate to another carrier's switch or premises, a cell site, Mobile Switching Center or base station, do not constitute local Loops. The Loop Network Element includes all features, functions, and capabilities of the transmission facilities, including the network interface device, and attached electronics (except those used for the provision of advanced services, such as Digital Subscriber Line Access Multiplexers (DSLAMs)), optronics and intermediate devices (including repeaters and load coils) used to establish the transmission path to the End User's premises, including inside wire owned or controlled by BellSouth. <<customer_short_name>> shall purchase the entire bandwidth of the Loop and, except as required herein or as otherwise agreed to by the Parties, BellSouth shall not subdivide the frequency of the Loop.
- 2.1.1 The Loop does not include any packet switched features, functions or capabilities.
- 2.1.2 Fiber to the Home (FTTH) loops are local loops consisting entirely of fiber optic cable, whether dark or lit, serving an End User's premises or, in the case of predominantly residential multiple dwelling units (MDUs), a fiber optic cable, whether dark or lit, that extends to the MDU minimum point of entry (MPOE). Fiber to the Curb (FTTC) loops are local loops consisting of fiber optic cable connecting to a copper distribution plant that is not more than five hundred (500) feet from the End User's premises or, in the case of predominantly residential MDUs, not more than five hundred (500) feet from the MDU's MPOE. The fiber optic cable in a FTTC loop must connect to a copper distribution plant at a

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

- 2.1.2.1 In new build (Greenfield) areas, where BellSouth has only deployed FTTH/FTTC facilities, BellSouth is under no obligation to provide Loops. FTTH facilities include fiber loops deployed to the MPOE of a MDU that is predominantly residential regardless of the ownership of the inside wiring from the MPOE to each End User in the MDU.
- 2.1.2.2 In FTTH/FTTC overbuild situations where BellSouth also has copper Loops, BellSouth will make those copper Loops available to <<customer_short_name>> on an unbundled basis, until such time as BellSouth chooses to retire those copper Loops using the FCC's network disclosure requirements. In these cases, BellSouth will offer a 64 kilobits per second (kbps) second voice grade channel over its FTTH/FTTC facilities.
- 2.1.2.3 Furthermore, in FTTH/FTTC overbuild areas where BellSouth has not yet retired copper facilities, BellSouth is not obligated to ensure that such copper Loops in that area are capable of transmitting signals prior to receiving a request for access to such Loops by <<customer_short_name>>. If a request is received by BellSouth for a copper Loop, and the copper facilities have not yet been retired, BellSouth will restore the copper Loop to serviceable condition if technically feasible. In these instances of Loop orders in an FTTH/FTTC overbuild area, BellSouth's standard Loop provisioning interval will not apply, and the order will be handled on a project basis by which the Parties will negotiate the applicable provisioning interval
- 2.1.3** A hybrid Loop is a local Loop, composed of both fiber optic cable, usually in the feeder plant, and copper twisted wire or cable, usually in the distribution plant. BellSouth shall provide <<customer_short_name>> with nondiscriminatory access, at a minimum to the *capabilities of the hybrid Loop comparable to a DS0 facility, or access to a home-run copper loop*, on an unbundled basis to establish a complete transmission path between BellSouth's central office and an End User's premises.
- 2.1.4** Transition for DS1 and DS3 Loops
- 2.1.4.1 For purposes of this Section 2, the Transition Period for DS1 and DS3 Loops is the twelve (12) month period beginning March 11, 2005 and ending March 10, 2006.
- 2.1.4.2 For purposes of this Section 2, Embedded Base means DS1 and DS3 Loops that were in service for <<customer_short_name>> as of March 10, 2005. Subsequent disconnects or loss of End Users shall be removed from the Embedded Base.
- 2.1.4.3 For purposes of this Section 2, a Business Line is defined in 47 C.F.R. § 51.5.

- 2.1.4.4 **[Momentum Version]** BellSouth shall make available DS1 and DS3 Loops as defined in this Section 2. Notwithstanding anything to the contrary in this Agreement, *for wire centers meeting the thresholds in Sections 2.1.4.4.1 and 2.1.4.4.2 below*, BellSouth shall make available DS1 and DS3 Loops as described in this Section 2.1.4 only for <<customer_short_name>>'s Embedded Base during the Transition Period:
- 2.1.4.4.1 **[Momentum Version]** DS1 Loops at any location within ~~the service area of~~ a wire center containing 60,000 or more Business Lines and four (4) or more fiber-based collocators.
- 2.1.4.4.2 **[Momentum Version]** DS3 Loops at any location within ~~the service area of~~ a wire center containing 38,000 or more Business Lines and four (4) or more fiber-based collocators.
- 2.1.4.5 **[Momentum Version]** During the Transition Period, the rates for <<customer_short_name>>'s Embedded Base of DS1 and DS3 Loops described in this Section 2.1.4 shall *according to the terms of Section 51.319 of the FCC rules, 47 C.F.R § 51.319, as in effect of the Effective Date of this Attachment be: as set forth in Exhibit B*
- 2.1.4.5.1 **115% of the rate Momentum was obligated to pay for the DS1 or DS3 loop on June 15, 2004; or**
- 2.1.4.5.2 **115% of the rate the Commission established between June 16, 2004 and March 11, 2005 for the DS1 or DS3 loop**
- 2.1.4.5.3 **To the extent that a Commission order referenced in this section raised some rates and lowered others for UNE DS1 Loops or DS3 Loops, BellSouth must choose to apply either all or none of these rate changes and must notify Momentum within 10 days of the Effective Date of this Attachment which option BellSouth selects.**
- 2.1.4.6 **[Momentum Version]** The Transition Period shall apply only to <<customer_short_name>>'s Embedded Base and <<customer_short_name>> shall not add new DS1 or DS3 loops *in wire centers* as described in this Section 2.1.4 pursuant to this Agreement *for as long as those wire centers remain at or above those thresholds*.
- 2.1.4.7 **[Momentum Version]** Once a wire center exceeds both of the thresholds set forth in Section 2.1.4.4.1, no ~~future~~ DS1 Loop unbundling will be required in that wire center.
- 2.1.4.8 **[Momentum Version]** Once a wire center exceeds both of the thresholds set forth in Section 2.1.4.4.2, no ~~future~~ DS3 Loop unbundling will be required in that wire center.

- 2.1.4.9 ***[Momentum Version] To the extent Momentum does not submit timely orders to migrate the Embedded Base to alternative arrangements, BellSouth may, upon 30 days written notice to Momentum, migrate UNEs to arrangements provided under a BellSouth tariff. ~~At the end of the Transition Period any remaining Embedded Base will be disconnected.~~***
- 2.1.5 Where facilities are available, BellSouth will install Loops in compliance with BellSouth's Products and Services Interval Guide available at BellSouth's Web site: <http://www.interconnection.bellsouth.com>. For orders of fifteen (15) or more Loops, the installation and any applicable OC as described below will be handled on a project basis, and the intervals will be set by the BellSouth project manager for that order. When Loops require a Service Inquiry (SI) prior to issuing the order to determine if facilities are available, the interval for the SI process is separate from the installation interval.
- 2.1.6 The Loop shall be provided to <<customer_short_name>> in accordance with BellSouth's TR73600 Unbundled Local Loop Technical Specification and applicable industry standard technical references.
- 2.1.7 BellSouth will only provision, maintain and repair the Loops to the standards that are applicable with the type of Loop ordered.
- 2.1.7.1 When a BellSouth technician is required to be dispatched to provision the Loop, BellSouth will tag the Loop with the Circuit ID number and the name of the ordering CLEC. When a dispatch is not required to provision the Loop, BellSouth will tag the Loop on the next required visit to the End User's location. If <<customer_short_name>> wants to ensure the Loop is tagged during the provisioning process for Loops that may not require a dispatch (e.g., UVL-SL1, UVL-SL2, and UCL-ND), <<customer_short_name>> may order Loop Tagging. Rates for Loop Tagging are as set forth in Exhibit A.
- 2.1.7.2 For voice grade Loop orders (or orders for Loops intended to provide voice grade services), <<customer_short_name>> shall have dial-tone available for that Loop forty-eight (48) hours prior to the Loop order completion due date.
- 2.1.8 Order Coordination (OC) and Order Coordination-Time Specific (OC-TS)
- 2.1.8.1 OC allows BellSouth and <<customer_short_name>> to coordinate the installation of the SL2 Loops, Unbundled Digital Loops (UDL) and other Loops where OC may be purchased as an option, to <<customer_short_name>>'s facilities to limit End User service outage. OC is available when the Loop is provisioned over an existing circuit that is currently providing service to the End User. OC for physical conversions will be scheduled at BellSouth's discretion during normal working hours on the committed due date. OC shall be provided in accordance with the chart set forth below.

2.1.8.2 OC-TS allows <<customer_short_name>> to order a specific time for OC to take place. BellSouth will make commercially reasonable efforts to accommodate <<customer_short_name>>'s specific conversion time request. However, BellSouth reserves the right to negotiate with <<customer_short_name>> a conversion time based on load and appointment control when necessary. This OC-TS is a chargeable option for all Loops except Unbundled Copper Loops (UCL) and is billed in addition to the OC charge. <<customer_short_name>> may specify a time between 9:00 a.m. and 4:00 p.m. (location time) Monday through Friday (excluding holidays). If <<customer_short_name>> specifies a time outside this window, or selects a time or quantity of Loops that requires BellSouth technicians to work outside normal work hours, overtime charges will apply in addition to the OC and OC-TS charges. Overtime charges will be applied based on the amount of overtime worked and in accordance with the rates established in BellSouth's Access Services Tariff, Section E13.2, for each state. The OC-TS charges for an order due on the same day at the same location will be applied on a per Local Service Request (LSR) basis.

2.1.9

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

2.1.9 CLEC to CLEC Conversions for Unbundled Loops

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

- 2.1.9.2 To utilize the CLEC to CLEC conversion process, the Loop being converted must be the same Loop type with no requested changes to the Loop, must serve the same End User location from the same serving wire center, and must not require an outside dispatch to provision.
- 2.1.9.3 The Loops converted to <<customer_short_name>> pursuant to the CLEC to CLEC conversion process shall be provisioned in the same manner and with the same functionality and options as described in this Agreement for the specific Loop type.
- 2.1.10 Bulk Migration
- 2.1.10.1 BellSouth will make available to <<customer_short_name>> a Bulk Migration process pursuant to which <<customer_short_name>> may request to migrate port/loop combinations, provisioned pursuant to a separate agreement between the parties, to Loops (UNE-L). The Bulk Migration process may be used if such loop/port combinations are (1) associated with two (2) or more Existing Account Telephone Numbers (EATNs); and (2) located in the same Central Office. The terms and conditions for use of the Bulk Migration process are described in the BellSouth CLEC Information Package, incorporated herein by reference as it may be amended from time to time. The CLEC Information Package is located at www.interconnection.bellsouth.com/guides/html/unes.html. The rates for the Bulk Migration process shall be the nonrecurring rates associated with the Loop type being requested on the Bulk Migration, as set forth in Exhibit A. Additionally, Operations Support Systems (OSS) charges will also apply. Loops connected to Integrated Digital Loop Carrier (IDLC) systems will be migrated pursuant to Section 2.6 below.
- 2.1.10.2 Should <<customer_short_name>> request migration for two (2) or more EATNs containing fifteen (15) or more circuits, <<customer_short_name>> must use the Bulk Migration process referenced in 2.1.11.1 above.
- 2.2 Unbundled Voice Loops (UVLs)
- 2.2.1 BellSouth shall make available the following UVLs:
- 2.2.1.1 2-wire Analog Voice Grade Loop – SL1 (Non-Designed)
- 2.2.1.2 2-wire Analog Voice Grade Loop – SL2 (Designed)
- 2.2.1.3 4-wire Analog Voice Grade Loop (Designed)
- 2.2.2 UVL may be provisioned using any type of facility that will support voice grade services. This may include loaded copper, non-loaded copper, digital loop carrier systems, fiber/copper combination (hybrid loop) or a combination of any of these

facilities. BellSouth, in the normal course of maintaining, repairing, and configuring its network, may also change the facilities that are used to provide any given voice grade circuit. This change may occur at any time. In these situations, BellSouth will only ensure that the newly provided facility will support voice grade services. BellSouth will not guarantee that <<customer_short_name>> will be able to continue to provide any advanced services over the new facility. BellSouth will offer UVL in two different service levels - Service Level One (SL1) and Service Level Two (SL2).

- 2.2.3 Unbundled Voice Loop - SL1 (UVL-SL1). Loops are 2-wire Loop start circuits, will be non-designed, and will not have remote access test points. OC will be offered as a chargeable option on SL1 Loops when reuse of existing facilities has been requested by <<customer_short_name>>, however, OC is always required on UCLs that involve the reuse of facilities that are currently providing service. <<customer_short_name>> may also order OC-TS when a specified conversion time is requested. OC-TS is a chargeable option for any coordinated order and is billed in addition to the OC charge. An Engineering Information (EI) document can be ordered as a chargeable option. The EI document provides Loop Make-Up information which is similar to the information normally provided in a Design Layout Record (DLR). Upon issuance of a non-coordinated order in the service order system, SL1 Loops will be activated on the due date in the same manner and time frames that BellSouth normally activates POTS-type Loops for its End Users.
- 2.2.4 For an additional charge BellSouth will make available Loop Testing so that <<customer_short_name>> may request further testing on new UVL-SL1 Loops. Rates for Loop Testing are as set forth in Exhibit A.
- 2.2.5 Unbundled Voice Loop – SL2 (UVL-SL2). Loops may be 2-wire or 4-wire circuits, shall have remote access test points, and will be designed with a DLR provided to <<customer_short_name>>. SL2 circuits can be provisioned with loop start, ground start or reverse battery signaling. OC is provided as a standard feature on SL2 Loops. The OC feature will allow <<customer_short_name>> to coordinate the installation of the Loop with the disconnect of an existing customer's service and/or number portability service. In these cases, BellSouth will perform the order conversion with standard order coordination at its discretion during normal work hours.
- 2.3 Unbundled Digital Loops
- 2.3.1 BellSouth will offer UDLs. UDLs are service specific, will be designed, will be provisioned with test points (where appropriate), and will come standard with OC and a DLR. The various UDLs are intended to support a specific digital transmission scheme or service.

- 2.3.2 BellSouth shall make available the following UDLs, subject to restrictions set forth herein:
- 2.3.2.1 2-wire Unbundled ISDN Digital Loop
 - 2.3.2.2 2-wire Unbundled ADSL Compatible Loop
 - 2.3.2.3 2-wire Unbundled HDSL Compatible Loop
 - 2.3.2.4 4-wire Unbundled HDSL Compatible Loop
 - 2.3.2.5 4-wire Unbundled DS1 Digital Loop
 - 2.3.2.6 4-wire Unbundled Digital Loop/DS0 – 64 kbps, 56 kbps and below
 - 2.3.2.7 DS3 Loop
 - 2.3.2.8 STS-1 Loop
- 2.3.3 2-wire Unbundled ISDN Digital Loops. These will be provisioned according to industry standards for 2-Wire Basic Rate ISDN services and will come standard with a test point, OC, and a DLR. <<customer_short_name>> will be responsible for providing BellSouth with a Service Profile Identifier (SPID) associated with a particular ISDN-capable Loop and End User. With the SPID, BellSouth will be able to adequately test the circuit and ensure that it properly supports ISDN service.
- 2.3.4 2-wire ADSL-Compatible Loop. This is a designed Loop that is provisioned according to Revised Resistance Design (RRD) criteria and may be up to 18,000 feet long and may have up to 6,000 feet of bridged tap (inclusive of Loop length). The Loop is a 2-wire circuit and will come standard with a test point, OC, and a DLR.
- 2.3.5 2-wire or 4-wire HDSL-Compatible Loop. This is a designed Loop that meets Carrier Serving Area (CSA) specifications, may be up to 12,000 feet long and may have up to 2,500 feet of bridged tap (inclusive of Loop length). It may be a 2-wire or 4-wire circuit and will come standard with a test point, OC, and a DLR.
- 2.3.6 4-wire Unbundled DS1 Digital Loop.
- 2.3.6.1 This is a designed 4-wire Loop that is provisioned according to industry standards for DS1 or Primary Rate ISDN services and will come standard with a test point, OC, and a DLR. A DS1 Loop may be provisioned over a variety of loop transmission technologies including copper, HDSL-based technology or fiber optic transport systems. It will include a 4-wire DS1 Network Interface at the End User's location. For purposes of this Agreement, including the transition of

DS1 and DS3 Loops described in Section 2.1.4 above, DS1 Loops include 2-wire and 4-wire copper Loops capable of providing high-bit rate digital subscriber line services, such as 2-wire and 4-wire HDSL Compatible Loops.

- 2.3.6.2 BellSouth shall not provide more than ten (10) unbundled DS1 Loops to <<customer_short_name>> at any single building in which DS1 Loops are available as unbundled Loops.
- 2.3.7 4-wire Unbundled Digital/DS0 Loop. These are designed 4-wire Loops that may be configured as 64kbps, 56kbps, 19kbps, and other sub-rate speeds associated with digital data services and will come standard with a test point, OC, and a DLR.
- 2.3.8 DS3 Loop. DS3 Loop is a two-point digital transmission path which provides for simultaneous two-way transmission of serial, bipolar, return-to-zero isochronous digital electrical signals at a transmission rate of 44.736 megabits per second (Mbps) that is dedicated to the use of the ordering CLEC in its provisioning of local exchange and associated exchange access services. It may provide transport for twenty-eight (28) DS1 channels, each of which provides the digital equivalent of twenty-four (24) analog voice grade channels. The interface to unbundled dedicated DS3 transport is a metallic-based electrical interface.
- 2.3.9 STS-1 Loop. STS-1 Loop is a high-capacity digital transmission path with SONET VT1.5 mapping that is dedicated for the use of the ordering customer for the purpose of provisioning local exchange and associated exchange access services. It is a two-point digital transmission path which provides for simultaneous two-way transmission of serial bipolar return-to-zero synchronous digital electrical signals at a transmission rate of 51.84 Mbps. It may provide transport for twenty-eight (28) DS1 channels, each of which provides the digital equivalent of twenty-four (24) analog voice grade channels. The interface to unbundled dedicated STS-1 transport is a metallic-based electrical interface.
- 2.3.10 Both DS3 Loop and STS-1 Loop require a SI in order to ascertain availability.
- 2.3.11 DS3 services come with a test point and a DLR. Mileage is airline miles, rounded up and a minimum of one mile applies. BellSouth's TR73501 LightGate[®] Service Interface and Performance Specifications, Issue D, June 1995 applies to DS3 services.
- 2.3.12 <<customer_short_name>> may obtain a maximum of a single Unbundled DS3 Loop to any single building in which DS3 Loops are available as Unbundled Loops.
- 2.4 Unbundled Copper Loops (UCL).

- 2.4.1 BellSouth shall make available UCLs. The UCL is a copper twisted pair Loop that is unencumbered by any intervening equipment (e.g., filters, load coils, range extenders, digital loop carrier, or repeaters) and is not intended to support any particular telecommunications service. The UCL will be offered in two types – Designed and Non-Designed.
- 2.4.2 Unbundled Copper Loop – Designed (UCL-D)
- 2.4.2.1 The UCL-D will be provisioned as a dry copper twisted pair (2-wire or 4-wire) Loop that is unencumbered by any intervening equipment (e.g., filters, load coils, range extenders, digital loop carrier, or repeaters).
- 2.4.2.2 A UCL-D will be 18,000 feet or less in length and is provisioned according to Resistance Design parameters, may have up to 6,000 feet of bridged tap and will have up to 1300 Ohms of resistance.
- 2.4.2.3 The UCL-D is a designed circuit, is provisioned with a test point, and comes standard with a DLR. OC is a chargeable option for a UCL-D; however, OC is always required on UCLs where a reuse of existing facilities has been requested by <<customer_short_name>>.
- 2.4.2.4 These Loops are not intended to support any particular services and may be utilized by <<customer_short_name>> to provide a wide-range of telecommunications services as long as those services do not adversely affect BellSouth's network. This facility will include a Network Interface Device (NID) at the customer's location for the purpose of connecting the Loop to the customer's inside wire.
- 2.4.3 Unbundled Copper Loop – Non-Designed (UCL-ND)
- 2.4.3.1 The UCL-ND is provisioned as a dedicated 2-wire metallic transmission facility from BellSouth's Main Distribution Frame (MDF) to a customer's premises (including the NID). The UCL-ND will be a "dry copper" facility in that it will not have any intervening equipment such as load coils, repeaters, or digital access main lines (DAMLs), and may have up to 6,000 feet of bridged tap between the End User's premises and the serving wire center. The UCL-ND typically will be 1300 Ohms resistance and in most cases will not exceed 18,000 feet in length, although the UCL-ND will not have a specific length limitation. For Loops less than 18,000 feet and with less than 1300 Ohms resistance, the Loop will provide a voice grade transmission channel suitable for loop start signaling and the transport of analog voice grade signals. The UCL-ND will not be designed and will not be provisioned with either a DLR or a test point.
- 2.4.3.2 The UCL-ND facilities may be mechanically assigned using BellSouth's assignment systems. Therefore, the Loop Makeup (LMU) process is not required

to order and provision the UCL-ND. However, <<customer_short_name>> can request LMU for which additional charges would apply.

2.4.3.3 For an additional charge, BellSouth also will make available Loop Testing so that <<customer_short_name>> may request further testing on the UCL-ND. Rates for Loop Testing are as set forth in Exhibit A.

2.4.3.4 UCL-ND Loops are not intended to support any particular service and may be utilized by <<customer_short_name>> to provide a wide-range of telecommunications services as long as those services do not adversely affect BellSouth's network. The UCL-ND will include a NID at the customer's location for the purpose of connecting the Loop to the customer's inside wire.

2.4.3.5 OC will be provided as a chargeable option and may be utilized when the UCL-ND provisioning is associated with the reuse of BellSouth facilities. OC-TS does not apply to this product.

2.4.3.6 <<customer_short_name>> may use BellSouth's Unbundled Loop Modification (ULM) offering to remove excessive bridged taps and/or load coils from any copper Loop within the BellSouth network. Therefore, some Loops that would not qualify as UCL-ND could be transformed into Loops that do qualify, using the ULM process.

2.5 Unbundled Loop Modifications (Line Conditioning)

2.5.1 Line Conditioning is defined as routine network modification that BellSouth regularly undertakes to provide xDSL services to its own customers. This may include the removal of any device, from a copper Loop or copper Subloop that may diminish the capability of the Loop or Subloop to deliver high-speed switched wireline telecommunications capability, including xDSL service. Such devices include, load coils, excessive bridged taps, low pass filters, and range extenders. Excessive bridged taps are bridged taps that serves no network design purpose and that are beyond the limits set according to industry standards and/or the BellSouth's TR73600 Unbundled Local Loop Technical Specification.

2.5.2 BellSouth will remove load coils only on copper Loops and Subloops that are less than 18,000 feet in length.

2.5.3 For any copper loop being ordered by <<customer_short_name>> which has over six thousand (6,000) feet of combined bridged tap will be modified, upon request from <<customer_short_name>>, so that the loop will have a maximum of six thousand (6,000) feet of bridged tap. This modification will be performed at no additional charge to <<customer_short_name>>. Loop conditioning orders that require the removal of bridged tap that serves no network design purpose on a copper Loop that will result in a combined total of bridged tap between two

thousand five hundred (2,500) and six thousand (6,000) feet will be performed at the rates set forth in Exhibit A.

- 2.5.4 <<customer_short_name>> may request removal of any unnecessary and non-excessive bridged tap (bridged tap between zero (0) and two thousand five hundred (2,500) feet which serves no network design purpose), at rates pursuant to BellSouth's SC Process as mutually agreed to by the Parties.
- 2.5.5 Rates for ULM are as set forth in Exhibit A.
- 2.5.6 BellSouth will not modify a Loop in such a way that it no longer meets the technical parameters of the original Loop type (e.g., voice grade, ADSL, etc.) being ordered.
- 2.5.7 If <<customer_short_name>> requests ULM on a reserved facility for a new Loop order, BellSouth may perform a pair change and provision a different Loop facility in lieu of the reserved facility with ULM if feasible. The Loop provisioned will meet or exceed specifications of the requested Loop facility as modified. <<customer_short_name>> will not be charged for ULM if a different Loop is provisioned. For Loops that require a DLR or its equivalent, BellSouth will provide LMU detail of the Loop provisioned.
- 2.5.8 <<customer_short_name>> shall request Loop make up information pursuant to this Attachment prior to submitting a service inquiry and/or a LSR for the Loop type that <<customer_short_name>> desires BellSouth to condition.
- 2.5.9 When requesting ULM for a Loop that BellSouth has previously provisioned for <<customer_short_name>>, <<customer_short_name>> will submit a SI to BellSouth. If a spare Loop facility that meets the Loop modification specifications requested by <<customer_short_name>> is available at the location for which the ULM was requested, <<customer_short_name>> will have the option to change the Loop facility to the qualifying spare facility rather than to provide ULM. In the event that BellSouth changes the Loop facility in lieu of providing ULM, <<customer_short_name>> will not be charged for ULM but will only be charged the service order charges for submitting an order.
- 2.6 Loop Provisioning Involving IDLC
- 2.6.1 Where <<customer_short_name>> has requested an Unbundled Loop and BellSouth uses IDLC systems to provide the local service to the End User and BellSouth has a suitable alternate facility available, including, but not limited to, a hybrid loop pursuant to Section 2.1.3 above, BellSouth will make such alternative facilities available to <<customer_short_name>>. If a suitable alternative facility is not available, then to the extent it is technically feasible, BellSouth will

implement one of the following alternative arrangements for <<customer_short_name>> (e.g., hairpinning):

1. Roll the circuit(s) from the IDLC to any spare copper that exists to the customer premises.
2. Roll the circuit(s) from the IDLC to an existing DLC that is not integrated.
3. If capacity exists, provide "side-door" porting through the switch.
4. If capacity exists, provide "Digital Access Cross-Connect System (DACS)-door" porting (if the IDLC routes through a DACS prior to integration into the switch).

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

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

2.7 Network Interface Device

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

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

2.7.3 Access to NID

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

2.7.3.1.1 BellSouth shall allow <<customer_short_name>> to connect its Loops directly to BellSouth's multi-line residential NID enclosures that have additional space and

are not used by BellSouth or any other telecommunications carriers to provide service to the premises;

- 2.7.3.1.2 Where an adequate length of the End User's customer premises wiring is present and environmental conditions permit, either Party may remove the End User premises wiring from the other Party's NID and connect such wiring to that Party's own NID;
- 2.7.3.1.3 Either Party may enter the subscriber access chamber or dual chamber NID enclosures for the purpose of extending a cross-connect or spliced jumper wire from the customer premises wiring through a suitable "punch-out" hole of such NID enclosures; or
- 2.7.3.1.4 <<customer_short_name>> may request BellSouth to make other rearrangements to the End User premises wiring terminations or terminal enclosure on a time and materials cost basis.
- 2.7.3.2 In no case shall either Party remove or disconnect the other Party's loop facilities from either Party's NIDs, enclosures, or protectors unless the applicable Commission has expressly permitted the same and the disconnecting Party provides prior notice to the other Party. In such cases, it shall be the responsibility of the Party disconnecting loop facilities to leave undisturbed the existing form of electrical protection and to maintain the physical integrity of the NID. It will be <<customer_short_name>>'s responsibility to ensure there is no safety hazard, and <<customer_short_name>> will hold BellSouth harmless for any liability associated with the removal of the BellSouth Loop from the BellSouth NID. Furthermore, it shall be the responsibility of the disconnecting Party, once the other Party's loop has been disconnected from the NID, to reconnect the disconnected loop to a nationally recognized testing laboratory listed station protector, which has been grounded as per Article 800 of the National Electrical Code. If no spare station protector exists in the NID, the disconnected loop must be appropriately cleared, capped and stored.
- 2.7.3.3 <<customer_short_name>> shall not remove or disconnect ground wires from BellSouth's NIDs, enclosures, or protectors.
- 2.7.3.4 <<customer_short_name>> shall not remove or disconnect NID modules, protectors, or terminals from BellSouth's NID enclosures.
- 2.7.3.5 Due to the wide variety of NID enclosures and outside plant environments, BellSouth will work with <<customer_short_name>> to develop specific procedures to establish the most effective means of implementing this section if the procedures set forth herein do not apply to the NID in question.

2.7.4 Technical Requirements

- 2.7.4.1 The NID shall provide an accessible point of interconnection and shall maintain a connection to ground.
- 2.7.4.2 If an existing NID is accessed, it shall be capable of transferring electrical analog or digital signals between the End User's customer premises and the distribution media and/or cross-connect to <<customer_short_name>>'s NID.
- 2.7.4.3 Existing BellSouth NIDs will be operational and provided in "as is" condition. <<customer_short_name>> may request BellSouth to do additional work to the NID on a time and material basis. When <<customer_short_name>> deploys its own local loops in a multiple-line termination device, <<customer_short_name>> shall specify the quantity of NID connections that it requires within such device.
- 2.8 Subloop Elements.
- 2.8.1 Where facilities permit, BellSouth shall offer access to its Unbundled Subloop (USL) elements as specified herein.
- 2.8.2 Unbundled Subloop Distribution (USLD)
- 2.8.2.1 The USLD facility is a dedicated transmission facility that BellSouth provides from an End User's point of demarcation to a BellSouth cross-connect device. The BellSouth cross-connect device may be located within a remote terminal (RT) or a stand-alone cross-box in the field or in the equipment room of a building. The USLD media is a copper twisted pair that can be provisioned as a 2-wire or 4-wire facility. BellSouth will make available the following subloop distribution offerings where facilities exist:
- USLD – Voice Grade (USLD-VG)
 - Unbundled Copper Subloop (UCSL)
 - USLD – Intrabuilding Network Cable (USLD-INC (aka riser cable))
- 2.8.2.2 USLD-VG is a copper subloop facility from the cross-box in the field up to and including the point of demarcation at the End User's premises and may have load coils.
- 2.8.2.3 UCSL is a copper facility eighteen thousand (18,000) feet or less in length provided from the cross-box in the field up to and including the End User's point of demarcation. If available, this facility will not have any intervening equipment such as load coils between the End User and the cross-box.
- 2.8.2.3.1 If <<customer_short_name>> requests a UCSL and it is not available, <<customer_short_name>> may request the copper Subloop facility be modified pursuant to the ULM process to remove load coils and/or excessive bridged taps.

If load coils and/or excessive bridged taps are removed, the facility will be classified as a UCSL.

- 2.8.2.4 USLD-INC is the distribution facility owned or controlled by BellSouth inside a building or between buildings on the same property that is not separated by a public street or road. USLD-INC includes the facility from the cross-connect device in the building equipment room up to and including the point of demarcation at the End User's premises.
- 2.8.2.4.1 Upon request for USLD-INC from <<customer_short_name>>, BellSouth will install a cross-connect panel in the building equipment room for the purpose of accessing USLD-INC pairs from a building equipment room. The cross-connect panel will function as a single point of interconnection (SPOI) for USLD-INC and will be accessible by multiple carriers as space permits. BellSouth will place cross-connect blocks in twenty five (25) pair increments for <<customer_short_name>>'s use on this cross-connect panel. <<customer_short_name>> will be responsible for connecting its facilities to the twenty five (25) pair cross-connect block(s).
- 2.8.2.5 For access to Voice Grade USLD and UCSL, <<customer_short_name>> shall install a cable to the BellSouth cross-box pursuant to the terms and conditions for physical collocation for remote sites set forth in Attachment 4. This cable would be connected by a BellSouth technician within the BellSouth cross-box during the set-up process. <<customer_short_name>>'s cable pairs can then be connected to BellSouth's USL within the BellSouth cross-box by the BellSouth technician.
- 2.8.2.6 Through the SI process, BellSouth will determine whether access to USLs at the location requested by <<customer_short_name>> is technically feasible and whether sufficient capacity exists in the cross-box. If existing capacity is sufficient to meet <<customer_short_name>>'s request, then BellSouth will perform the site set-up as described in the CLEC Information Package, located at BellSouth's Interconnection Web site address:
<http://www.interconnection.bellsouth.com/products/html/un.es.html>.
- 2.8.2.7 The site set-up must be completed before <<customer_short_name>> can order Subloop pairs. For the site set-up in a BellSouth cross-connect box in the field, BellSouth will perform the necessary work to splice <<customer_short_name>>'s cable into the cross-connect box. For the site set-up inside a building equipment room, BellSouth will perform the necessary work to install the cross-connect panel and the connecting block(s) that will be used to provide access to the requested USLs.
- 2.8.2.8 Once the site set-up is complete, <<customer_short_name>> will request Subloop pairs through submission of a LSR form to the Local Carrier Service Center (LCSC). OC is required with USL pair provisioning when

<<customer_short_name>> requests reuse of an existing facility, and the OC charge shall be billed in addition to the USL pair rate. For expedite requests by <<customer_short_name>> for Subloop pairs, expedite charges will apply for intervals less than five (5) days.

2.8.2.9 USLs will be provided in accordance with BellSouth's TR73600 Unbundled Local Loop Technical Specifications.

2.8.3 Unbundled Network Terminating Wire (UNTW)

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

2.8.3.2 This element will be provided in MDUs and/or Multi-Tenants Units (MTUs) where either Party owns wiring all the way to the End User's premises. Neither Party will provide this element in locations where the property owner provides its own wiring to the End User's premises, where a third party owns the wiring to the End User's premises.

2.8.3.3 Requirements

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

2.8.3.3.2 The Provisioning Party shall not be required to install new or additional NTW beyond existing NTW to provision the services of the Requesting Party.

2.8.3.3.3 In existing MDUs and/or MTUs in which BellSouth does not own or control wiring (INC/NTW) to the End Users premises, and <<customer_short_name>> does own or control such wiring, <<customer_short_name>> will install UNTW Access Terminals for BellSouth under the same terms and conditions as BellSouth provides UNTW Access Terminals to <<customer_short_name>>.

2.8.3.3.4 In situations in which BellSouth activates a UNTW pair, BellSouth will compensate <<customer_short_name>> for each pair activated commensurate to the price specified in <<customer_short_name>>'s Agreement.

2.8.3.3.5 Upon receipt of the UNTW SI requesting access to the Provisioning Party's UNTW pairs at a multi-unit premises, representatives of both Parties will participate in a meeting at the site of the requested access. The purpose of the site

visit will include discussion of the procedures for installation and location of the Access Terminals. By request of the Requesting Party, an Access Terminal will be installed either adjacent to each of the Provisioning Party's Garden Terminal or inside each Wiring Closet. The Requesting Party will deliver and connect its central office facilities to the UNTW pairs within the Access Terminal. The Requesting Party may access any available pair on an Access Terminal. A pair is available when a pair is not being utilized to provide service or where the End User has requested a change in its local service provider to the Requesting Party. Prior to connecting the Requesting Party's service on a pair previously used by the Provisioning Party, the Requesting Party is responsible for ensuring the End User is no longer using the Provisioning Party's service or another CLEC's service before accessing UNTW pairs.

- 2.8.3.3.6 Access Terminal installation intervals will be established on an individual case basis.
- 2.8.3.3.7 The Requesting Party is responsible for obtaining the property owner's permission for the Provisioning Party to install an Access Terminal(s) on behalf of the Requesting Party. The submission of the SI by the Requesting Party will serve as certification by the Requesting Party that such permission has been obtained. If the property owner objects to Access Terminal installations that are in progress or within thirty (30) days after completion and demands removal of Access Terminals, the Requesting Party will be responsible for costs associated with removing Access Terminals and restoring the property to its original state prior to Access Terminals being installed.
- 2.8.3.3.8 The Requesting Party shall indemnify and hold harmless the Provisioning Party against any claims of any kind that may arise out of the Requesting Party's failure to obtain the property owner's permission. The Requesting Party will be billed for nonrecurring and recurring charges for accessing UNTW pairs at the time the Requesting Party activates the pair(s). The Requesting Party will notify the Provisioning Party within five (5) business days of activating UNTW pairs using the LSR form.
- 2.8.3.3.9 If a trouble exists on a UNTW pair, the Requesting Party may use an alternate spare pair that serves that End User if a spare pair is available. In such cases, the Requesting Party will re-terminate its existing jumper from the defective pair to the spare pair. Alternatively, the Requesting Party will isolate and report troubles in the manner specified by the Provisioning Party. The Requesting Party must tag the UNTW pair that requires repair. If the Provisioning Party dispatches a technician on a reported trouble call and no UNTW trouble is found, the Provisioning Party will charge Requesting Party for time spent on the dispatch and testing the UNTW pair(s).

- 2.8.3.3.10 If the Requesting Party initiates the Access Terminal installation and the Requesting Party has not activated at least ten percent (10%) of the capacity of the Access Terminal installed pursuant to the Requesting Party's request for an Access Terminal within six (6) months of installation of the Access Terminal, the Provisioning Party will bill the Requesting Party a nonrecurring charge (NRC) equal to the actual cost of provisioning the Access Terminal.
- 2.8.3.3.11 If the Provisioning Party determines that the Requesting Party is using the UNTW pairs without reporting the activation of the pairs, the Requesting Party will be billed for the use of that pair back to the date the End User began receiving service from the Requesting Party at that location. Upon request, the Requesting Party will provide copies of its billing record to substantiate such date. If the Requesting Party fails to provide such records, then the Provisioning Party will bill the Requesting Party back to the date of the Access Terminal installation.
- 2.8.4 Dark Fiber Loop.
- 2.8.4.1 Dark Fiber Loop is an unused optical transmission facility, without attached signal regeneration, multiplexing, aggregation or other electronics, from the demarcation point at an End User's premises to the End User's serving wire center. Dark Fiber Loops may be strands of optical fiber existing in aerial or underground structure. BellSouth will not provide line terminating elements, regeneration or other electronics necessary for <<customer_short_name>> to utilize Dark Fiber Loops.
- 2.8.4.2 Transition for Dark Fiber Loop
- 2.8.4.2.1 For purposes of this Section 2.8.4, the Transition Period for Dark Fiber Loops is the eighteen (18) month period beginning March 11, 2005 and ending September 10, 2006.
- 2.8.4.2.2 For purposes of this Section 2.8.4, Embedded Base means Dark Fiber Loops that were in service for <<customer_short_name>> as of March 10, 2005. Subsequent disconnects or loss of End Users shall be removed from the Embedded Base.
- 2.8.4.3 During the Transition Period only, BellSouth shall make available for the Embedded Base Dark Fiber Loops for <<customer_short_name>> at the terms and conditions set forth in this Attachment.
- 2.8.4.4 ***[Momentum Version]*** The rates for <<customer_short_name>>'s Embedded Base of Dark Fiber Loops during the Transition Period shall, ***according to the terms of Section 51.31.319 of the FCC Rules, 47 C.F.R. § 51.319, as in effect of the Effective Date of this Attachment, be:*** ~~be as set forth in Exhibit A~~
- 2.8.4.4.1 ***115% of the rate Momentum was obligated to pay for the Dark Fiber Loop on June 15, 2004; or***

2.8.4.4.2 155% of the rate the Commission established between June 16, 2004 and March 11, 2005 for the Dark Fiber Loop.

2.8.4.4.3 To the extent that a Commission order referenced in this section raised some rate and lowered others for UNE Dark Fiber Loop, BellSouth must choose to apply either all or none of these rate changes and must notify Momentum within 10 days of the Effective Date of this Attachment which option BellSouth selects.

2.8.4.5 The Transition Period shall apply only to <<customer_short_name>>'s Embedded Base and <<customer_short_name>> shall not add new Dark Fiber Loops pursuant to this Agreement.

2.8.4.6 **[Momentum Version]** Effective September 11, 2006, Dark Fiber Loops will no longer be made available pursuant to this Agreement. **To the extent Momentum does not submit timely orders to migrate the Embedded Base to alternative arrangements, BellSouth may, upon 30 days written notice to Momentum, migrate UNEs to arrangements provided under a BellSouth tariff. and any remaining Embedded Base will be disconnected.**

2.9 Loop Makeup

2.9.1 Description of Service

2.9.1.1 BellSouth shall make available to <<customer_short_name>> LMU information with respect to Loops that are required to be unbundled under this Agreement so that <<customer_short_name>> can make an independent judgment about whether the Loop is capable of supporting the advanced services equipment <<customer_short_name>> intends to install and the services <<customer_short_name>> wishes to provide. LMU is a preordering transaction, distinct from <<customer_short_name>> ordering any other service(s). Loop Makeup Service Inquiries (LMUSI) and mechanized LMU queries for preordering LMU are likewise unique from other preordering functions with associated SIs as described in this Agreement.

2.9.1.2 BellSouth will provide <<customer_short_name>> LMU information consisting of the composition of the Loop material (copper/fiber); the existence, location and type of equipment on the Loop, including but not limited to digital loop carrier or other remote concentration devices, feeder/distribution interfaces, bridged taps, load coils, pair-gain devices; the Loop length; the wire gauge and electrical parameters.

2.9.1.3 BellSouth's LMU information is provided to <<customer_short_name>> as it exists either in BellSouth's databases or in its hard copy facility records. BellSouth does not guarantee accuracy or reliability of the LMU information provided.

- 2.9.1.4 BellSouth's provisioning of LMU information to the requesting CLEC for facilities is contingent upon either BellSouth or the requesting CLEC controlling the Loop(s) that serve the service location for which LMU information has been requested by the CLEC. The requesting CLEC is not authorized to receive LMU information on a facility used or controlled by another CLEC unless BellSouth receives a LOA from the voice CLEC (owner) or its authorized agent on the LMUSI submitted by the requesting CLEC.
- 2.9.1.5 <<customer_short_name>> may choose to use equipment that it deems will enable it to provide a certain type and level of service over a particular BellSouth Loop as long as that equipment does not disrupt other services on the BellSouth network. The determination shall be made solely by <<customer_short_name>> and BellSouth shall not be liable in any way for the performance of the advanced data services provisioned over said Loop. The specific Loop type (e.g., ADSL, HDSL, or otherwise) ordered on the LSR must match the LMU of the Loop reserved taking into consideration any requisite line conditioning. The LMU data is provided for informational purposes only and does not guarantee <<customer_short_name>>'s ability to provide advanced data services over the ordered Loop type. Furthermore, the LMU information for Loops other than copper-only Loops (e.g., ADSL, UCL-ND, etc.) that support xDSL services, is subject to change at any time due to modifications and/or upgrades to BellSouth's network. Except as set forth in Section 2.9.1.6, copper-only Loops will not be subject to change due to modification and/or upgrades to BellSouth's network and will remain on copper facilities until the Loop is disconnected by <<customer_short_name>> or the End User, or until BellSouth retires the copper facilities via the FCC's and any applicable Commission's requirements. <<customer_short_name>> is fully responsible for any of its service configurations that may differ from BellSouth's technical standard for the Loop type ordered.
- 2.9.1.6 *If BellSouth retires its copper facilities using 47 C.F.R § 52.325(a) requirements; or is required by a governmental agency or regulatory body to move or replace copper facilities as a maintenance procedure, BellSouth will notify <<customer_short_name>>, according to the applicable network disclosure requirements. It will be <<customer_short_name>>'s responsibility to move any service it may provide over such facilities to alternative facilities. If <<customer_short_name>> fails to move the service to alternative facilities by the date in the network disclosure notice, BellSouth may terminate the service to complete the network change.*
- 2.9.2 Submitting LMUSI
- 2.9.2.1 <<customer_short_name>> may obtain LMU information and reserve facilities by submitting a mechanized LMU query or a manual LMUSI according to the terms and conditions as described in the LMU CLEC Information Package,

incorporated herein by reference as it may be amended from time to time. The CLEC Information Package is located at the “CLEC UNE Product” Web site address: www.interconnection.bellsouth.com/guides/html/unec.html. After obtaining the Loop information from the mechanized LMU process, if <<customer_short_name>> needs further Loop information in order to determine Loop service capability, <<customer_short_name>> may initiate a separate Manual SI for a separate NRC as set forth in Exhibit A.

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

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

2.9.2.4 Charges for preordering manual LMUSI or mechanized LMU are separate from any charges associated with ordering other services from BellSouth.

3 Line Splitting

3.1 Line splitting shall mean that a provider of data services (a Data LEC) and a provider of voice services (a Voice CLEC) *cooperate* to deliver voice and data service to End Users over the same Loop. The Voice CLEC and Data LEC may be the same or different carriers.

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

3.2 Line Splitting –Loop and UNE Port (UNE-P).

3.2.1 To the extent <<customer_short_name>> is purchasing UNE-P pursuant to this Agreement, BellSouth will permit <<customer_short_name>> to replace UNE-P with Line Splitting. The UNE-P arrangement will be converted to a stand-alone

Loop, a Network Element switch port, two collocation cross-connects and the high frequency spectrum line activation. The resulting arrangement shall continue to be included in <<customer_short_name>>'s Embedded Base as described in Section 5.4.3.2.

3.2.2 <<customer_short_name>> shall provide BellSouth with a signed LOA between it and the Data LEC or Voice CLEC with which it desires to provision Line Splitting services, if <<customer_short_name>> will not provide voice and data services.

3.2.3 Line Splitting arrangements in service pursuant to this Section 3.3 must be disconnected or provisioned pursuant to Section 3.2 on or before March 10, 2006.

3.3 Provisioning Line Splitting and Splitter Space

3.3.1 The Data LEC, Voice CLEC or BellSouth may provide the splitter. When <<customer_short_name>> or its authorized agent owns the splitter, Line Splitting requires the following: a non-designed analog Loop from the serving wire center to the NID at the End User's location; a collocation cross-connection connecting the Loop to the collocation space; a second collocation cross-connection from the collocation space connected to a voice port; the high frequency spectrum line activation, and a splitter. When BellSouth owns the splitter, Line Splitting requires the following: a non-designed analog Loop from the serving wire center to the NID at the End User's location with CFA and splitter port assignments, and a collocation cross-connection from the collocation space connected to a voice port.

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

3.3.3 The foregoing procedures are applicable to migration from a UNE-P arrangement to Line Splitting Service.

3.4 CLEC Provided Splitter – Line Splitting

3.4.1 To order High Frequency Spectrum on a particular Loop, <<customer_short_name>> must have a DSLAM collocated in the central office that serves the End User of such Loop.

3.4.2 <<customer_short_name>> must provide its own splitters in a central office and have installed its DSLAM in that central office.

3.4.3 <<customer_short_name>> may purchase, install and maintain central office POTS splitters in its collocation arrangements. <<customer_short_name>> may

use such splitters for access to its customers and to provide digital line subscriber services to its customers using the High Frequency Spectrum. Existing Collocation rules and procedures and the terms and conditions relating to Collocation set forth in Attachment 4-Central Office shall apply.

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

3.5 Maintenance – Line Splitting.

- 3.5.1 BellSouth will be responsible for repairing voice troubles and the troubles with the physical loop between the NID at the End User's premises and the termination point.

- 3.5.2 <<customer_short_name>> shall indemnify, defend and hold harmless BellSouth from and against any claims, losses, actions, causes of action, suits, demands, damages, injury, and costs including reasonable attorney fees, which arise out of actions related to the other service provider, except to the extent caused by BellSouth's gross negligence or willful misconduct.

4 Local Switching

- 4.1 Notwithstanding anything to the contrary in this Agreement, the services offered pursuant to this Section 4 are limited to DS0 level Local Switching and BellSouth is not required to provide Local Switching pursuant to this Agreement except as set forth in Section 4.2.

4.2 Transition for Local Switching

- 4.2.1 For purposes of this Section 4, the Transition Period for Local Switching is the twelve (12) month period beginning March 11, 2005 and ending March 10, 2006.

- 4.2.2 For the purposes of this Section 4, Embedded Base shall mean Local Switching and any additional elements that are required to be provided in conjunction therewith that were in service for <<customer_short_name>> as of March 10, 2005. Subsequent disconnects or loss of End Users shall be removed from the Embedded Base.

- 4.2.3 ***[Momentum Version] Momentum shall migrate its embedded base of UNE-P end-user customers to an alternative arrangement within 12 months of the effective date of the Triennial Review Remand Order. Alternative arrangements include: 1) local switching at just and reasonable rates as set forth in Exhibit X; 2) resale; 3) commercial agreement; or 4) migration to an***

unbundled loop. BellSouth shall work cooperatively with Momentum and in good faith to migrate the embedded base of customers to an alternative arrangement. BellSouth will not make negative statements to the embedded base of customers or engage in inappropriate winback activities during the transition period.

4.2.34.2.4 *[Momentum Version]* During the Transition Period only, BellSouth shall make Local Switching available for the Embedded Base, in addition to all elements that are required to be provided in conjunction with Local Switching, at the rates, terms and conditions set forth in this Attachment. The Transition Period shall apply only to <<customer_short_name>>'s Embedded Base and <<customer_short_name>> shall not place ~~new~~ orders *to add new customers* for Local Switching pursuant to this Agreement.

4.2.44.2.5 The rates for <<customer_short_name>>'s Embedded Base of Local Switching during the Transition Period shall be as set forth in Exhibit A.

4.2.54.2.6 *[Momentum Version]* Effective March 11, 2006, Local Switching will no longer be made available pursuant to this Agreement. *To the extent Momentum does not submit timely orders to migrate the Embedded Base to alternative arrangements, BellSouth may, upon 30 days written notice to Momentum, migrate UNEs to arrangements provided under a BellSouth tariff, and any remaining Embedded Base will be disconnected.*

4.3 Local Switching Capability, including Tandem Switching Capability

4.3.1 Local Switching capability is defined as all line-side and trunk-side facilities, plus the features, functions, and capabilities of the switch. The features, functions, and capabilities of the switch shall include the basic switching function of connecting lines to lines, lines to trunks, trunks to lines, and trunks to trunks. Local Switching includes all vertical features that the switch is capable of providing, including custom calling, custom local area signaling service features, and Centrex, as well as any technically feasible customized routing functions.

4.3.2 Unbundled local switching consists of three separate components: Unbundled Ports, End Office Switching Functionality, and End Office Interoffice Trunk Ports.

4.3.3 Unbundled Local Switching combined with Common Transport and, if necessary, Tandem Switching provides to <<customer_short_name>>'s End User local calling and the ability to presubscribe to a primary carrier for intraLATA and/or to presubscribe to a primary carrier for interLATA toll service.

4.3.4 Provided that <<customer_short_name>> has *obtained* unbundled Local Switching from BellSouth and uses the BellSouth Carrier Identification Code

(CIC) for its End Users' Local Preferred Interexchange Carrier (LPIC) or if a BellSouth local End User selects BellSouth as its LPIC, then the Parties will consider as local any calls originated by a <<customer_short_name>> local End User, or originated by a BellSouth local End User and terminated to a <<customer_short_name>> local End User, where such calls originate and terminate in the same LATA, except for those calls originated and terminated through switched access arrangements (i.e., calls that are transported by a Party other than BellSouth). For such calls, BellSouth will charge <<customer_short_name>> the Network Elements for the BellSouth facilities utilized. Neither Party shall bill the other originating or terminating switched access charges for such calls. Intercarrier compensation for local calls between BellSouth and <<customer_short_name>> shall be as described in BellSouth's UNE Local Call Flows set forth on BellSouth's Web site: <http://interconnection.bellsouth.com/products/docs/FLOWSPPT.pdf>.

- 4.3.5 Where <<customer_short_name>> has *obtained* unbundled Local Switching from BellSouth but does not use the BellSouth CIC for its End Users' LPIC, BellSouth will consider as local those direct dialed telephone calls that originate from a <<customer_short_name>> End User and terminate within the basic local calling area or within the extended local calling areas and that are dialed using seven (7) or ten (10) digits as defined and specified in Section A3 of BellSouth's General Subscriber Services Tariffs (GSST). For such local calls, BellSouth will charge <<customer_short_name>> the Network Elements for the BellSouth facilities utilized. Intercarrier compensation for local calls between BellSouth and <<customer_short_name>> shall be as described in BellSouth's UNE Local Call Flows set forth on BellSouth's website.
- 4.3.6 For any calls that originate and terminate through switched access arrangements (i.e., calls that are transported by a party other than BellSouth), BellSouth shall bill <<customer_short_name>> the Network Elements for the BellSouth facilities utilized. Each Party may bill the toll provider originating or terminating switched access charges as appropriate.
- 4.3.7 Unbundled Ports may or may not include individual features. Where applicable and available, non-switch-based services may be ordered with the Unbundled Port at BellSouth's retail rates.
- 4.3.8 Any features that are not currently available but are technically feasible through the switch can be requested through the BFR/NBR Process as set forth in Attachment 11.
- 4.3.9 BellSouth will provide to <<customer_short_name>> selective routing of calls to a requested Operator System platform pursuant to this Agreement. Any other routing requests by <<customer_short_name>> will be made pursuant to the BFR/NBR Process as set forth in Attachment 11.

- 4.3.10 BellSouth shall perform routine testing (e.g., Mechanized Loop Tests (MLT) and test calls such as 105, 107 and 108 type calls) and fault isolation on a mutually agreed upon schedule.
- 4.3.11 BellSouth shall control congestion points such as those caused by radio station call-ins and network routing abnormalities. All traffic shall be restricted in a non-discriminatory manner.
- 4.3.12 BellSouth shall perform manual call trace and permit customer originated call trace. BellSouth shall provide Switching Service Point (SSP) capabilities and signaling software to interconnect the signaling links destined to the Signaling Transfer Point Switch (STPS). These capabilities shall adhere to the technical specifications set forth in the applicable industry standard technical references.
- 4.3.13 BellSouth shall provide interfaces to adjuncts through Telcordia standard interfaces. These adjuncts can include, but are not limited to, the Service Circuit Node and Automatic Call Distributors. BellSouth shall offer to <<customer_short_name>> all Advanced Intelligent Network (AIN) triggers in connection with its Service Creation Environment and Service Management System (SCE/SMS) offering.
- 4.3.14 BellSouth shall provide access to SS7 Signaling Network or Multi-Frequency trunking if requested by <<customer_short_name>>.
- 4.3.15 BellSouth shall provide the following Local Switching interfaces:
- 4.3.15.1 Standard Tip/Ring interface including loopstart or groundstart, on-hook signaling (e.g., for calling number, calling name and message waiting lamp);
- 4.3.15.2 Coin phone signaling;
- 4.3.15.3 Basic Rate Interface ISDN adhering to appropriate Telcordia Technical Requirements;
- 4.3.15.4 2-wire analog interface to PBX;
- 4.3.15.5 4-wire analog interface to PBX; and
- 4.3.15.6 Loops adhering to Telcordia TR-NWT-08 and TR-NWT-303 specifications to interconnect Digital Loop Carriers.
- 4.3.16 <<customer_short_name>> shall maintain the individual telephone number and the correct corresponding address/location data, including maintaining the End User listed address as the actual physical End User location in the E911 ALI Database.

4.3.17 <<customer_short_name>> will be responsible and liable for any errors resulting from the submission of invalid telephone number and address/location data for the <<customer_short_name>>'s End Users.

4.4 Common (Shared) Transport.

4.4.1 Common (Shared) Transport, defined as transmission facilities shared by more than one carrier, including BellSouth, between end office switches, between end office switches and tandem switches, and between tandem switches, in BellSouth's network. Where BellSouth Network Elements are connected by intraoffice wiring, such wiring is provided as part of the Network Element and is not Common (Shared) Transport.

4.4.2 Notwithstanding any other provision of this Agreement, BellSouth will only provide unbundled access to Common (Shared) Transport to the extent BellSouth is required to provide and is providing Local Switching to <<customer_short_name>>.

4.4.3 Technical Requirements of Common (Shared) Transport

4.4.3.1 Common (Shared) Transport provided on DS1, DS3, and STS-1 circuits shall at a minimum meet the performance, availability, jitter, and delay requirements specified for Central Office to Central Office (CO to CO) connections in the applicable industry standards.

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

4.4.3.3 At a minimum, Common (Shared) Transport shall meet all of the requirements set forth in the applicable industry standards.

4.5 Tandem Switching

4.5.1 The Tandem Switching capability Network Element is defined as:
(i) trunk-connect facilities, which include, but are not limited to, the connection between trunk termination at a cross-connect panel and switch trunk card; (ii) the basic switch trunk function of connecting trunks to trunks; and (iii) the functions that are centralized in the Tandem Switches (as distinguished from separate end office switches), including but not limited to call recording, the routing of calls to operator services and signaling conversion features.

4.5.2 Where <<customer_short_name>> utilizes portions of the BellSouth network in originating or terminating traffic, the Tandem Switching rates are applied in call scenarios where the Tandem Switching Network Element has been utilized.

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

4.5.3 Technical Requirements

- 4.5.3.1 Tandem Switching shall have the same capabilities or equivalent capabilities as those described in Telcordia TR-TSY-000540 Issue 2R2, Tandem Supplement, June 1, 1990. The requirements for Tandem Switching include but are not limited to the following:
 - 4.5.3.1.1 Tandem Switching shall provide signaling to establish a tandem connection;
 - 4.5.3.1.2 Tandem Switching will provide screening as jointly agreed to by <<customer_short_name>> and BellSouth;
 - 4.5.3.1.3 Where applicable, Tandem Switching shall provide AIN triggers supporting AIN features where such routing is not available from the originating end office switch, to the extent such Tandem switch has such capability;
 - 4.5.3.1.4 Where applicable, Tandem Switching shall provide access to Toll Free number database;
 - 4.5.3.1.5 Tandem Switching shall provide connectivity to Public Safety Answering Point (PSAP)s where 911 solutions are deployed and the tandem is used for 911; and
 - 4.5.3.1.6 Where appropriate, Tandem Switching shall provide connectivity for the purpose of routing transit traffic to and from other carriers.
- 4.5.3.2 BellSouth may perform testing and fault isolation on the underlying switch that is providing Tandem Switching. Such testing shall be testing routinely performed by BellSouth. The results and reports of the testing shall be made available to <<customer_short_name>>.

- 4.5.3.3 BellSouth shall control congestion points and network abnormalities. All traffic will be restricted in a non-discriminatory manner.
- 4.5.3.4 Tandem Switching shall process originating toll free traffic received from <<customer_short_name>>'s local switch.
- 4.5.3.5 In support of AIN triggers and features, Tandem Switching shall provide SSP capabilities when these capabilities are not available from the Local Switching Network Element to the extent such Tandem Switch has such capability.
- 4.5.4 Upon <<customer_short_name>>'s purchase of overflow trunk groups, Tandem Switching shall provide an alternate routing pattern for <<customer_short_name>>'s traffic overflowing from direct end office high usage trunk groups.
- 4.6 Remote Call Forwarding (URCF)
- 4.6.1 As an option, BellSouth shall make available to <<customer_short_name>> an unbundled port with Remote Call Forwarding capability. URCF service combines the functionality of unbundled Local Switching, Tandem Switching and common transport to forward calls from the URCF service telephone number (the number dialed by the calling party) to another telephone number selected by the URCF service subscriber. <<customer_short_name>> must ensure that the following conditions are satisfied:
- 4.6.1.1 the End User of the forward-to number (service) agrees to receive calls forwarded using the URCF service (if such End User is different from the URCF service End User);
- 4.6.1.2 the forward-to number (service) is equipped with sufficient capacity to receive the volume of calls that will be generated from the URCF service;
- 4.6.1.3 the URCF service will not be utilized to forward calls to another URCF or similar service; and
- 4.6.1.4 the forward-to number (service) is not a public safety number (e.g., 911, fire or police number).
- 4.6.2 In addition to the charge for the URCF service port, BellSouth shall charge <<customer_short_name>> the rates set forth in Exhibit A for unbundled Local Switching, Tandem Switching, and Common Transport, including all associated usage incurred for calls from the URCF service telephone number (the number dialed by the calling party) to the forward-to number (service).

- 4.7 AIN Selective Carrier Routing for Operator Services, Directory Assistance and Repair Centers
- 4.7.1 Where BellSouth provides Local Switching to <<customer_short_name>>, BellSouth will provide AIN Selective Carrier Routing (AIN SCR) at the request of <<customer_short_name>>. AIN SCR will provide <<customer_short_name>> with the capability of routing operator calls, 0+ and 0- and 0+ NPA Local Numbering Plan Area (LNPA), 555-1212 directory assistance, 1+411 directory assistance and 611 repair center calls to pre-selected destinations.
- 4.7.2 <<customer_short_name>> shall order AIN SCR through its Account Team and/or Local Contract Manager. AIN SCR must first be established regionally and then on a per central office per state basis.
- 4.7.3 AIN SCR is not available in DMS 10 switches.
- 4.7.4 Where AIN SCR is utilized by <<customer_short_name>>, the routing of <<customer_short_name>>'s End User calls shall be pursuant to information provided by <<customer_short_name>> and stored in BellSouth's AIN SCR Service Control Point database. AIN SCR shall utilize a set of Line Class Codes (LCCs) unique to a basic class of service assigned on an "as needed" basis. The same LCCs will be assigned in each central office where AIN SCR is established.
- 4.7.5 Upon ordering AIN SCR Regional Service, <<customer_short_name>> shall remit to BellSouth the nonrecurring Regional Service Order charge set forth in Exhibit A. There shall be a nonrecurring End Office Establishment Charge as set forth in Exhibit A, per office, due at the addition of each central office where AIN SCR will be utilized. For each <<customer_short_name>> End User activated, there shall be a nonrecurring End User Establishment charge as set forth in Exhibit A. <<customer_short_name>> shall pay the AIN SCR Per Query Charge set forth in Exhibit A.
- 4.7.6 This nonrecurring Regional Service Order charge will be non-refundable and will be paid with one half due up-front with the submission of all fully completed required forms including: Regional SCR Order Request-Form A, Central Office AIN SCR Order Request - Form B, AIN SCR Central Office Identification Form - Form C, AIN SCR Routing Options Selection Form - Form D, and Routing Combinations Table - Form E. BellSouth has thirty (30) days to respond to <<customer_short_name>>'s fully completed firm order as a Regional Service Order. With the delivery of this firm order response to <<customer_short_name>>, BellSouth considers that the delivery schedule of this service commences. The remaining half of the nonrecurring Regional Service Order payment must be paid when at least ninety percent (90%) of the Central Offices listed on the original order have been turned up for the service.

- 4.7.7 The nonrecurring End Office Establishment charge will be billed to <<customer_short_name>> following BellSouth's normal monthly billing cycle for this type of order.
- 4.7.8 End-User Establishment Orders will not be turned-up until the second payment is received for the Regional Service Order. The nonrecurring End Office Establishment charges will be billed to <<customer_short_name>> following BellSouth's normal monthly billing cycle for this type of order.
- 4.7.9 Additionally, the AIN SCR Per Query Charge will be billed to <<customer_short_name>> following the normal billing cycle for per query charges.
- 4.7.10 All other network components needed, (i.e., unbundled switching, unbundled local transport, etc.) will be billed per contracted rates.
- 4.8 Selective Call Routing Using Line Class Codes (SCR-LCC)
- 4.8.1 Where <<customer_short_name>> has purchased unbundled Local Switching from BellSouth and utilizes an operator services provider other than BellSouth, BellSouth will route <<customer_short_name>>'s End User calls to that provider through Selective Call Routing.
- 4.8.2 SCR-LCC provides the capability for <<customer_short_name>> to have its Operator Call Processing/Directory Assistance (OCP/DA) calls routed to BellSouth's OCP/DA platform for BellSouth provided Custom Branded or Unbranded OCP/DA or to its own or an alternate OCP/DA platform for Self-Branded OCP/DA. SCR-LCC is only available if capacity is available in the requested BellSouth end office switches.
- 4.8.3 Custom Branding for Directory Assistance (DA) is not available for certain classes of service, including but not limited to Hotel/Motel services, WATS service, and certain PBX services.
- 4.8.4 Where available, <<customer_short_name>> specific and unique LCCs are programmed in each BellSouth end office switch where <<customer_short_name>> intends to serve End Users with customized OCP/DA branding. The LCCs specifically identify <<customer_short_name>>'s End Users so OCP/DA calls can be routed over the appropriate trunk group to the requested OCP/DA platform. Additional LCCs are required in each end office if the end office serves multiple NPAs (i.e., a unique LCC is required per NPA), and/or if the end office switch serves multiple rate areas and <<customer_short_name>> intends to provide <<customer_short_name>> - branded OCP/DA to its End Users in these multiple rate areas.

- 4.8.5 SCR-LCC supporting Custom Branding and Self Branding require <<customer_short_name>> to order dedicated trunking from each BellSouth end office identified by <<customer_short_name>>, either to the BellSouth Traffic Operator Position System (TOPS) for Custom Branding or to the <<customer_short_name>> Operator Service Provider for Self Branding. Separate trunk groups are required for Operator Services and for DA. Rates for trunks are set forth in applicable BellSouth's FCC No. 1 Tariff.
- 4.8.6 Unbranding - Unbranded DA and/or OCP calls ride common trunk groups provisioned by BellSouth from those end offices identified by <<customer_short_name>> to the BellSouth TOPS.
- 4.8.7 The Rates for SCR-LCC are as set forth in Exhibit A. There is a NRC for the establishment of each LCC in each BellSouth central office. Furthermore, for Unbranded and Custom Branded OCP/DA provided by BellSouth Operator Services with unbundled ports and unbundled port/loop switch combinations, monthly recurring usage charges shall apply for the UNEs necessary to provide the service, such as end office and tandem switching and common transport. A flat rated end office switching charge shall apply to Self-Branded OCP/DA when used in conjunction with unbundled ports and unbundled port/loop switch combinations.

5 Unbundled Network Element Combinations

5.1 For purposes of this Section, references to "Currently Combined" Network Elements shall mean that the particular Network Elements requested by <<customer_short_name>> are in fact already combined by BellSouth in the BellSouth network. References to "Ordinarily Combined" Network Elements shall mean that the particular Network Elements requested by <<customer_short_name>> are not already combined by BellSouth in the location requested by <<customer_short_name>> but are elements that are typically combined in BellSouth's network. References to "Not Typically Combined" Network Elements shall mean that the particular Network Elements requested by <<customer_short_name>> are *not* elements that BellSouth combines for its use in its network.

- 5.1.1 Except as otherwise set forth in this Agreement, upon request, BellSouth shall perform the functions necessary to combine Network Elements that BellSouth is required to provide under this Agreement in any manner, even if those elements are not ordinarily combined in BellSouth's network, provided that such Combination is technically feasible and will not undermine the ability of other carriers to obtain access to Network Elements or to interconnect with BellSouth's network.

- 5.1.2 To the extent <<customer_short_name>> requests a Combination for which BellSouth does not have methods and procedures in place to provide such Combination, rates and/or methods or procedures for such Combination will be developed pursuant to the BFR process.
- 5.2 Rates
- 5.2.1 The rates for the Currently Combined Network Elements specifically set forth in Exhibit A shall be the rates associated with such Combinations. Where a Currently Combined Combination is not specifically set forth in Exhibit A, the rate for such Currently Combined Combination shall be the sum of the recurring rates for those individual Network Elements as set forth in Exhibit A and/or Exhibit B in addition to the applicable nonrecurring switch-as-is charge set forth in Exhibit A.
- 5.2.2 The rates for the Ordinarily Combined Network Elements specifically set forth in Exhibit A shall be the nonrecurring and recurring charges for those Combinations. Where an Ordinarily Combined Combination is not specifically set forth in Exhibit A, the rate for such Ordinarily Combined Combination shall be the sum of the recurring rates for those individual Network Elements as set forth in Exhibit A and/or Exhibit B and nonrecurring rates for those individual Network Elements as set forth in Exhibit A.
- 5.2.3 The rates for Not Typically Combined Combinations shall be developed pursuant to the BFR process upon request of <<customer_short_name>>.
- 5.3 Enhanced Extended Links (EELs)
- 5.3.1 EELs are combinations of Loops and Dedicated Transport as defined in this Attachment, together with any facilities, equipment, or functions necessary to combine those Network Elements. BellSouth shall provide <<customer_short_name>> with EELs where the underlying Network Element are available and are required to be provided pursuant to this Agreement and in all instances where the requesting carrier meets the eligibility requirements, if applicable.
- 5.3.2 High-capacity EELs are (1) combinations of Loop and Dedicated Transport, (2) Dedicated Transport commingled with a wholesale loop, or (3) a loop commingled with wholesale transport at the DS1 and/or DS3 level as described in 47 C.F.R. § 51.318(b).
- 5.3.3 By placing an order for a high-capacity EEL, <<customer_short_name>> thereby certifies that the service eligibility criteria set forth herein are met for access to a converted high-capacity EEL, a new high-capacity EEL, or part of a high-

capacity commingled EEL as a UNE. BellSouth shall have the right to audit <<customer_short_name>>'s high-capacity EELs as specified below.

5.3.4 Service Eligibility Criteria

5.3.4.1 High capacity EELs must comply with the following service eligibility requirements. <<customer_short_name>> must certify for each high-capacity EEL that all of the following service eligibility criteria are met:

5.3.4.1.1 <<customer_short_name>> has received state certification to provide local voice service in the area being served;

5.3.4.2 For each combined circuit, including each DS1 circuit, each DS1 EEL, and each DS1-equivalent circuit on a DS3 EEL:

5.3.4.2.1 1) Each circuit to be provided to each End User will be assigned a local number prior to the provision of service over that circuit;

5.3.4.2.2 2) Each DS1-equivalent circuit on a DS3 EEL must have its own local number assignment so that each DS3 must have at least twenty-eight (28) local voice numbers assigned to it;

5.3.4.2.3 3) Each circuit to be provided to each End User will have 911 or E911 capability prior to provision of service over that circuit;

5.3.4.2.4 4) Each circuit to be provided to each End User will terminate in a collocation arrangement that meets the requirements of 47 C.F.R. § 51.318(c);

5.3.4.2.4 5) Each circuit to be provided to each End User will be served by an interconnection trunk over which <<customer_short_name>> will transmit the calling party's number in connection with calls exchanged over the trunk;

5.3.4.2.5 6) For each twenty-four (24) DS1 EELs or other facilities having equivalent capacity, <<customer_short_name>> will have at least one (1) active DS1 local service interconnection trunk over which <<customer_short_name>> will transmit the calling party's number in connection with calls exchanged over the trunk; and

5.3.4.2.6 7) Each circuit to be provided to each End User will be served by a switch capable of switching local voice traffic.

5.3.4.3 BellSouth may, on an annual basis, audit <<customer_short_name>>'s records in order to verify compliance with the qualifying service eligibility criteria. The audit shall be conducted by a third party independent auditor, and the audit must be performed in accordance with the standards established by the American Institute for Certified Public Accountants (AICPA). To the extent the

independent auditor's report concludes that <<customer_short_name>> failed to comply with the service eligibility criteria, <<customer_short_name>> must true-up any difference in payments, convert all noncompliant circuits to the appropriate service, and make the correct payments on a going-forward basis. In the event the auditor's report concludes that <<customer_short_name>> did not comply overall in any material respect with the service eligibility criteria, <<customer_short_name>> shall reimburse BellSouth for the cost of the independent auditor. To the extent the auditor's report concludes that <<customer_short_name>> did comply in all material respects with the service eligibility criteria, BellSouth will reimburse <<customer_short_name>> for its reasonable and demonstrable costs associated with the audit. <<customer_short_name>> will maintain appropriate documentation to support its certifications.

5.3.4.4 In the event <<customer_short_name>> converts special access services to UNEs, <<customer_short_name>> shall be subject to the termination liability provisions in the applicable special access tariffs, if any.

5.4 UNE-P

5.4.1 DSO Local Switching, as defined in Section 4, in combination with a Loop and Common (Shared) Transport as defined in Section 4.3.9 (UNE-P) provides local exchange service for the origination or termination of calls. UNE-P supports the same local calling and feature requirements as described in the Local Switching section of this Attachment and the ability to presubscribe to a primary carrier for intraLATA toll service and/or to presubscribe to a primary carrier for interLATA toll service.

5.4.2 Notwithstanding anything to the contrary in this Agreement, BellSouth is not required to provide UNE-P pursuant to this Agreement except as set forth in this Section 5.4.

5.4.3 Transition Period for UNE-P

5.4.3.1 For purposes of this Section 5.4, the Transition Period for UNE-P is the twelve (12) month period beginning March 11, 2005 and ending March 10, 2006.

5.4.3.2 For the purposes of this Section 5.4, Embedded Base shall mean UNE-P and any additional elements that are required to be provided in conjunction therewith that were in service for <<customer_short_name>> as of March 10, 2005. Subsequent disconnects or loss of End Users shall be removed from the Embedded Base.

5.4.3.3 ***[Momentum Version] Momentum shall migrate its embedded base of UNE-P end-user customers to an alternative arrangement within 12 months of the effective date of the Triennial Review Remand Order. Alternative arrangements include: 9) local switching at just and reasonable rate as set forth***

*in Exhibit X; 2) resale; 3) **commercial agreement**; or 4) migration to an unbundled loop. BellSouth shall work cooperatively with Momentum and in good faith to migrate the embedded based of customers to an alternative arrangement. BellSouth will not make negative statements to the embedded based of customers or engage in inappropriate winback activities during the transition period.*

5.4.3.35.4.3.4 *[Momentum Version]* During the Transition Period only, BellSouth shall make UNE-P available for the Embedded Base, in addition to all elements that are required to be provided in conjunction with UNE-P, at the rates, terms and conditions set forth in this Attachment. The Transition Period shall apply only to <<customer_short_name>>'s Embedded Base and <<customer_short_name>> shall not place ~~new~~ orders **to add new customers** for UNE-P pursuant to this Agreement.

5.4.3.5 *BellSouth shall provide UNE-P under this Section according to the terms of Section 51.319 of the FCC rules, 47 C.F.R. §51.319, as in effect of the Effective Date of this Attachment, at a rate not to exceed the higher of:*

5.4.3.5.1 *The rate Momentum was obligated to pay for UNE-P on June 15, 2004 plus one (1) dollar: or*

5.4.3.5.2 *The rate the Commission established between June 16, 2004 and March 11, 2005 for UNE-P plus one (1) dollar.*

5.4.3.55.4.3.6 *[Momentum Version]* Effective March 11, 2006, UNE-P will no longer be made available pursuant to this Agreement. **To the extent Momentum does not submit timely orders to migrate the Embedded Base to alternative arrangements, BellSouth may, upon 30 days written notice to Momentum, migrate UNE-P to arrangements provided under a BellSouth tariff.** ~~and any remaining Embedded Base will be disconnected.~~

5.4.4 BellSouth shall make 911 updates in the BellSouth 911 database for <<customer_short_name>>'s UNE-P. BellSouth will not bill <<customer_short_name>> for 911 surcharges. <<customer_short_name>> is responsible for paying all 911 surcharges to the applicable governmental agency.

5.5 Intercarrier Compensation

5.5.1 Intercarrier compensation for seven (7) or ten (10) digit dialed calls originated by <<customer_short_name>> utilizing Local Switching shall apply as follows:

5.5.2 For calls terminating to a BellSouth End User or to an End User served by BellSouth resold services, BellSouth shall charge <<customer_short_name>> for End Office Switching as set forth in Exhibit A at the terminating end office.

- 5.5.3 For calls terminating to a CLEC where such CLEC is utilizing a BellSouth switch port or port/loop combination to provide service to its End User, BellSouth shall charge <<customer_short_name>> for End Office Switching as set forth in Exhibit A at the terminating end office. BellSouth will not charge the terminating CLEC for End Office Switching as set forth in Exhibit A at the terminating end office.
- 5.5.3.1 ***[Momentum Version]*** For calls terminating to third party carriers, such as CLECs, wireless carriers and independent companies, utilizing their own switches to serve their End Users, <<customer_short_name>> is required to enter into interconnection or traffic exchange agreements with such third parties for the exchange of traffic through BellSouth's network. ***If such third party carrier bills BellSouth for terminating such calls, BellSouth shall forward such bills to Momentum and is not responsible for payment of charges incurred by Momentum.***
- [BellSouth version]*** For calls terminating to third party carriers, such as CLECs, wireless carriers and independent companies, utilizing their own switches to serve their End Users, <<customer_short_name>> is required to enter into interconnection or traffic exchange agreements with such third parties for the exchange of traffic through BellSouth's network. ***If <<customer_short_name>> does not have such an agreement with a third party carrier and BellSouth is charged termination charges by a third party terminating a call originated by <<customer_short_name>>, or if such third party carrier bills BellSouth for terminating such calls, despite the existence of such an agreement, then BellSouth may, at its option:***
- 5.5.3.1.1 ***pay such charges as billed by the third party carrier and charge End Office Switching as set forth in Exhibit A to <<customer_short_name>> for each such call; or***
- 5.5.3.1.2 ***pay such charges as billed by the third party carrier and <<customer_short_name>> will reimburse the full amount of such charges within thirty (30) days of BellSouth's request for reimbursement.***
- 5.5.3.2 Intercarrier compensation for seven (7) or ten (10) digit dialed calls terminating to <<customer_short_name>> utilizing Local Switching shall apply as follows:
- 5.5.3.2.1 For calls originated by a BellSouth End User or by an End User served by resold BellSouth services, BellSouth shall not charge <<customer_short_name>> for End Office Switching at the terminating end office for use of the network

component; therefore, <<customer_short_name>> shall not charge BellSouth intercarrier compensation or any other charges for termination of such calls.

5.5.3.2.2 For calls originated by a CLEC where such CLEC is utilizing a BellSouth switch port or port/loop combination to provide service to its End User, BellSouth shall not charge <<customer_short_name>> for End Office Switching at the terminating end office for use of the network component; therefore, <<customer_short_name>> shall not charge the originating CLEC or BellSouth intercarrier compensation or any other charges for termination of such calls.

5.5.3.2.3 **[Momentum Version]** For calls originated by third party carriers, such as CLECs, wireless carriers and independent companies,utilizing their own switches to serve their End Users, <<customer_short_name>> is required to enter into interconnection or traffic exchange agreements with such third parties for the exchange of traffic through BellSouth's network. <<customer_short_name>> may bill the third parties according to such agreements and shall not bill BellSouth for the exchange of traffic through BellSouth's network. ***BellSouth shall not receive compensation from third party carriers due Momentum.***

[BellSouth Version] For calls originated by third party carriers, such as CLECs, wireless carriers and independent companies,utilizing their own switches to serve their End Users, <<customer_short_name>> is required to enter into interconnection or traffic exchange agreements with such third parties for the exchange of traffic through BellSouth's network. <<customer_short_name>> may bill the third parties according to such agreements and shall not bill BellSouth for the exchange of traffic through BellSouth's network.

5.5.3.3 **[Momentum Version]** Intercarrier compensation shall apply as follows for intralata 1+ dialed calls originated by <<customer_short_name>> utilizing Local Switching where <<customer_short_name>> uses BellSouth's **5124** CIC for its End User's LPIC:

[BellSouth Version] Intercarrier compensation shall apply as follows for intralata 1+ dialed calls originated by <<customer_short_name>> utilizing Local Switching where <<customer_short_name>> uses BellSouth's 5124 CIC for its End User's LPIC:

5.5.3.3.1 For calls terminating to a BellSouth End User or to an End User served by BellSouth resold services, BellSouth shall charge <<customer_short_name>> for End Office Switching as set forth in Exhibit A at the terminating end office.

5.5.3.3.2 **[Momentum Version]** For calls terminating to a CLEC where such CLEC is utilizing a BellSouth switch port or port/loop combination to provide service to its End User, BellSouth shall charge <<customer_short_name>> for End Office Switching as set forth in Exhibit A at the terminating end office. BellSouth will not charge the terminating CLEC for End Office Switching at the terminating end office. In the event that BellSouth is charged termination charges by the CLEC, BellSouth **shall forward such bills to Momentum and is not responsible for payment of charges incurred by Momentum.**

[BellSouth Version] For calls terminating to a CLEC where such CLEC is utilizing a BellSouth switch port or port/loop combination to provide service to its End User, BellSouth shall charge <<customer_short_name>> for End Office Switching as set forth in Exhibit A at the terminating end office. BellSouth will not charge the terminating CLEC for End Office Switching at the terminating end office. In the event that BellSouth is charged termination charges by the CLEC, BellSouth **may pay such charges and <<customer_short_name>> will reimburse BellSouth the full amount of such charges within thirty (30) days following BellSouth's request for reimbursement.**

5.5.3.3.3.25.5.3.3.3**[Momentum Version]** For calls terminating to third party carriers, such as CLECs, wireless carriers and independent companies, utilizing their own switches to serve their End Users, <<customer_short_name>> is required to enter into interconnection or traffic exchange agreements with such third parties for the exchange of traffic through BellSouth's network. **If such third party carrier bills BellSouth for terminating such calls, then BellSouth shall forward such bills to Momentum and is not responsible for payment of charges incurred by Momentum.**

5.5.3.3.35.5.3.3.4**[BellSouth Version]** For calls terminating to third party carriers, such as CLECs, wireless carriers and independent companies, utilizing their own switches to serve their End Users, <<customer_short_name>> is required to enter into interconnection or traffic exchange agreements with such third parties for the exchange of traffic through BellSouth's network. **If <<customer_short_name>> does not have such an agreement with a third party carrier and BellSouth is charged termination charges by a third party terminating a call originated by <<customer_short_name>>, or if such third party carrier bills BellSouth for terminating such calls, despite the existence of such an agreement, then BellSouth may, at its option:**

5.5.3.3.5 **pay such charges as billed by the third party carrier and charge End Office Switching as set forth in Exhibit A to <<customer_short_name>> for each such call; or**

~~5.5.3.3.3.25.5.3.3.5.1~~ *pay such charges as billed by the third party carrier and <<customer_short_name>> will reimburse BellSouth the full amount of such charges within thirty (30) days following BellSouth's request for reimbursement.*

5.5.3.4 Intercarrier compensation shall apply as follows for intralata 1+ dialed calls terminating to <<customer_short_name>> utilizing Local Switching where the originating carrier uses BellSouth's CIC for its End User's LPIC:

5.5.3.4.1 For calls originated by a BellSouth End User or by an End User served by BellSouth resold service, BellSouth shall charge <<customer_short_name>> for End Office Switching as set forth in Exhibit A at the terminating end office for use of the End Office Switching network component in terminating such calls. <<customer_short_name>> may charge BellSouth for intercarrier compensation at the End Office Switching as set forth in Exhibit A in this Agreement for such calls. <<customer_short_name>> shall not charge originating or terminating switched access rates to BellSouth for termination of such calls.

5.5.3.5 For calls originated by or terminating to interexchange carriers through a switched access arrangement, <<customer_short_name>> may bill the interexchange carrier in accordance with <<customer_short_name>>'s tariff and will not bill BellSouth any charges for such call. <<customer_short_name>> shall pay BellSouth applicable charges for the use of BellSouth's network in accordance with the rates set forth in Exhibit A for originating and terminating such calls.

6 Dedicated Transport and Dark Fiber Transport

6.1 Dedicated Transport. Dedicated Transport is defined as BellSouth's transmission facilities between wire centers or switches owned by BellSouth, or between wire centers or switches owned by BellSouth and switches owned by <<customer_short_name>>. Including but not limited to DS1, DS3 and OCn level services, as well as dark fiber, dedicated to <<customer_short_name>>. BellSouth shall not be required to provide access to OCn level Dedicated Transport under any circumstances pursuant to this Agreement. In addition, except as set forth in Section 6.2 below, BellSouth shall not be required to provide to <<customer_short_name>> unbundled access to Dedicated Transport that does not connect a pair of wire centers or switches owned by BellSouth ("Entrance Facilities").

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

- 6.2.1 For purposes of this Section 6.2, the Transition Period for DS1 and DS3 Dedicated Transport including all DS1 and DS3 Entrance Facilities is the twelve (12) month period beginning March 11, 2005 and ending March 10, 2006.
- 6.2.2 For purposes of this Section 6.2, Embedded Base means DS1 and DS3 Dedicated Transport including DS1 and DS3 Entrance Facilities that were in service for <<customer_short_name>> as of March 10, 2005. Subsequent disconnects or loss of End Users shall be removed from the Embedded Base.
- 6.2.3 For purposes of this Section 6.2, a Business Line is as defined in 47 C.F.R. § 51.5.
- 6.2.4 BellSouth shall make available Dedicated Transport as defined in this Section 6. Notwithstanding anything to the contrary in this Agreement, BellSouth shall make available Dedicated Transport as described in this Section 6.2 only for <<customer_short_name>>'s Embedded Base during the Transition Period:
- 6.2.4.1 DS1 Dedicated Transport where both wire centers at the end points of the route contain 38,000 Business Lines or four (4) or more fiber-based collocators.
- 6.2.4.2 DS3 Dedicated Transport where both wire centers at the end points of the route contain 24,000 or more Business Lines or three (3) or more fiber-based collocators.
- 6.2.4.3 During the Transition Period, the rates for <<customer_short_name>>'s Embedded Base of DS1 and DS3 Dedicated Transport as described in this Section 6.2 shall be as set forth in Exhibit B and the rates for <<customer_short_name>>'s Embedded Base of DS1 and DS3 Entrance Facilities as described in this Section 6.2 shall be as set forth in Exhibit A.
- 6.2.4.4 The Transition Period shall apply only to <<customer_short_name>>'s Embedded Base and <<customer_short_name>> shall not add new DS1 or DS3 Dedicated Transport as described in this Section 6.2, or DS1 or DS3 Entrance Facilities, pursuant to this Agreement.
- 6.2.4.5 Once a wire center exceeds either of the thresholds set forth in this Section 6.2.4.1, no future DS1 Dedicated Transport unbundling will be required in that wire center.
- 6.2.4.6 Once a wire center exceeds either of the thresholds set forth in Section 6.2.4.2, no future DS3 Dedicated Transport will be required in that wire center.
- 6.2.4.7 At the end of the Transition Period any remaining Embedded Base will be disconnected.
- 6.3 BellSouth shall:

- 6.3.1 Provide <<customer_short_name>> exclusive use of Dedicated Transport to a particular customer or carrier;
- 6.3.2 Provide all technically feasible features, functions, and capabilities of Dedicated Transport as outlined within the technical requirements of this section;
- 6.3.3 Permit, to the extent technically feasible, <<customer_short_name>> to connect Dedicated Transport to equipment designated by <<customer_short_name>>, including but not limited to, <<customer_short_name>>'s collocated facilities; and
- 6.3.4 Permit, to the extent technically feasible, <<customer_short_name>> to obtain the functionality provided by BellSouth's digital cross-connect systems.
- 6.4 BellSouth shall offer Dedicated Transport:
- 6.4.1 As capacity on a shared facility; and
- 6.4.2 As a circuit (i.e., DS0, DS1, DS3, STS-1) dedicated to <<customer_short_name>>.
- 6.5 Dedicated Transport may be provided over facilities such as optical fiber, copper twisted pair, and coaxial cable, and shall include transmission equipment such as line terminating equipment, amplifiers, and regenerators.
- 6.6 <<customer_short_name>> may obtain a maximum of ten (10) unbundled DS1 Dedicated Transport circuits or twelve (12) unbundled DS3 Dedicated Transport circuits, or their equivalent, on each route where the respective Dedicated Transport is available as a Network Element. A route is defined as a transmission path between one of BellSouth's wire centers or switches and another of BellSouth's wire centers or switches. A route between two (2) points may pass through one or more intermediate wire centers or switches. Transmission paths between identical end points are the same "route", irrespective of whether they pass through the same intermediate wire centers or switches, if any.
- 6.7 Technical Requirements
- 6.7.1 BellSouth shall offer DS0 equivalent interface transmission rates for DS0 or voice grade Dedicated Transport. For DS1 or DS3 circuits, Dedicated Transport shall at a minimum meet the performance, availability, jitter, and delay requirements specified for Customer Interface to Central Office (CI to CO) connections in the applicable industry standards.
- 6.7.2 BellSouth shall offer the following interface transmission rates for Dedicated Transport:

- 6.7.2.1 DS0 Equivalent;
- 6.7.2.2 DS1;
- 6.7.2.3 DS3; and
- 6.7.2.4 SDH (Synchronous Digital Hierarchy) Standard interface rates are in accordance with International Telecommunications Union (ITU) Recommendation G.707 and Plesiochronous Digital Hierarchy (PDH) rates per ITU Recommendation G.704.
- 6.7.3 BellSouth shall design Dedicated Transport according to its network infrastructure. <<customer_short_name>> shall specify the termination points for Dedicated Transport.
- 6.7.4 At a minimum, Dedicated Transport shall meet each of the requirements set forth in the applicable industry technical references and BellSouth Technical References;
- 6.7.4.1 Telcordia TR-TSY-000191 Alarm Indication Signals Requirements and Objectives, Issue 1, May 1986.
- 6.7.4.2 BellSouth's TR73501 LightGate®Service Interface and Performance Specifications, Issue D, June 1995.
- 6.7.4.3 BellSouth's TR73525 MegaLink®Service, MegaLink Channel Service and MegaLink Plus Service Interface and Performance Specifications, Issue C, May 1996.
- 6.8 Unbundled Channelization (Multiplexing)
- 6.8.1 To the extent <<customer_short_name>> is purchasing DS1 or DS3 or STS-1 Dedicated Transport pursuant to this Agreement, Unbundled Channelization (UC) provides the optional multiplexing capability that will allow a DS1 (1.544 Mbps) or DS3 (44.736 Mbps) or STS-1 (51.84 Mbps) Network Elements to be multiplexed or channelized at a BellSouth central office. Channelization can be accomplished through the use of a multiplexer or a digital cross-connect system at the discretion of BellSouth. Once UC has been installed, <<customer_short_name>> may request channel activation on a channelized facility and BellSouth shall connect the requested facilities via COCIs. The COCI must be compatible with the lower capacity facility and ordered with the lower capacity facility. This service is available as defined in NECA 4.
- 6.8.2 BellSouth shall make available the following channelization systems and interfaces:

- 6.8.2.1 DS1 Channelization System: channelizes a DS1 signal into a maximum of twenty-four (24) DS0s. The following COCI are available: Voice Grade, Digital Data and ISDN.
- 6.8.2.2 DS3 Channelization System: channelizes a DS3 signal into a maximum of twenty-eight (28) DS1s. A DS1 COCI is available with this system.
- 6.8.2.3 STS-1 Channelization System: channelizes a STS-1 signal into a maximum of twenty-eight (28) DS1s. A DS1 COCI is available with this system.
- 6.8.3 Technical Requirements. In order to assure proper operation with BellSouth provided central office multiplexing functionality, <<customer_short_name>>'s channelization equipment must adhere strictly to form and protocol standards. <<customer_short_name>> must also adhere to such applicable industry standards for the multiplex channel bank, for voice frequency encoding, for various signaling schemes, and for sub rate digital access.
- 6.9 Dark Fiber Transport. Dark Fiber Transport is defined as Dedicated Transport that consists of unactivated optical interoffice transmission facilities without attached signal regeneration, multiplexing, aggregation or other electronics. Except as set forth in Section 6.9.1 below, BellSouth shall not be required to provide access to Dark Fiber Transport Entrance Facilities pursuant to this Agreement.
- 6.9.1 Transition for Dark Fiber Transport and Dark Fiber Transport Entrance Facilities
- 6.9.1.1 For purposes of this Section 6.9, the Transition Period for Dark Fiber Transport is the eighteen (18) month period beginning March 11, 2005 and ending September 10, 2006.
- 6.9.1.2 For purposes of this Section 6.9, Embedded Base means Dark Fiber Transport that was in service for <<customer_short_name>> as of March 10, 2005. Subsequent disconnects or loss of End Users shall be removed from the Embedded Base.
- 6.9.1.3 For purposes of this Section 6.9, a Business Line is as defined in 47 C.F.R. § 51.5.
- 6.9.1.4 BellSouth shall make available Dark Fiber Transport as defined in this Section 6.9.1. Notwithstanding anything to the contrary in this Agreement, BellSouth shall make available Dark Fiber Transport as described in this Section 6.9 only for <<customer_short_name>>'s Embedded Base during the Transition Period:
- 6.9.1.4.1 Dark Fiber Transport where both wire centers at the end points of the route contain 24,000 or more Business Lines or three (3) or more fiber-based collocators.

- 6.9.1.5 During the Transition Period, the rates for <<customer_short_name>>'s Embedded Base of Dark Fiber Transport as described in Section 6.9.1.1 shall be as set forth in Exhibit B and the rates for <<customer_short_name>>'s Embedded Base of Dark Fiber Transport Entrance Facilities as described in Section 6.9.1 shall be as set forth in Exhibit A.
- 6.9.1.6 The Transition Period shall apply only to <<customer_short_name>>'s Embedded Base and <<customer_short_name>> shall not add new Dark Fiber Transport as described in this Section 6.9 pursuant to this Agreement.
- 6.9.1.7 Once a wire center exceeds either of the thresholds set forth in this Section 6.9.1.4.1, no future Dark Fiber Transport unbundling will be required in that wire center.
- 6.9.1.8 At the end of the Transition Period any remaining Embedded Base will be disconnected.
- 6.10 Rearrangements
- 6.10.1 A request to move a working <<customer_short_name>> CFA to another <<customer_short_name>> CFA, where both CFAs terminate in the same BellSouth Central Office ("Change in CFA"), shall not constitute the establishment of new service. The applicable rates set forth in Exhibit A.
- 6.10.2 Requests to re-terminate one end of a facility that is not a Change in CFA constitute the establishment of new service and require disconnection of existing service and the applicable rates set forth in Exhibit A shall apply.
- 6.10.3 Upon request of <<customer_short_name>>, BellSouth shall project manage the Change in CFA or re-termination of a facility as described in Sections 6.10.1 and 6.10.2 above and <<customer_short_name>> may request OC-TS for such orders.
- 6.10.4 BellSouth shall accept a Letter of Authorization (LOA) between <<customer_short_name>> and another carrier that will allow <<customer_short_name>> to connect a facility, or Combination that includes Dedicated Transport to the other carrier's collocation space or to another carrier's CFA associated with higher bandwidth transport.
- 7 Call Related Databases and Signaling**
- 7.1 Call Related Databases are the databases other than OSS, that are used in signaling networks, for billing and collection, or the transmission, routing or other provision of a Telecommunications Service. Notwithstanding anything to the contrary herein, BellSouth shall only provide unbundled access to call related databases and signaling including but not limited to, BellSouth Switched Access (SWA) 8XX Toll Free Dialing Ten Digit Screening Service, Line Information

Database (LIDB), Signaling, Signaling Link Transport, STP, SS7 AIN Access, Service Control Point(SCP\Databases, Local Number Portability (LNP) Databases and Calling Name (CNAM) Database Service pursuant to this Agreement where BellSouth is required to provide and is providing Local Switching or UNE-P to <<customer_short_name>> pursuant to this Agreement.

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

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

7.2.2 The 8XX SCP Database is designated to receive and respond to queries using the ANSI Specification of Signaling System Seven (SS7) protocol.

7.3 LIDB

7.3.1 LIDB is a transaction-oriented database accessible through Common Channel Signaling (CCS) networks. For access to LIDB, <<customer_short_name>> must purchase appropriate signaling links pursuant to Section 7.3 of this Attachment. LIDB contains records associated with End User Line Numbers and Special Billing Numbers. LIDB accepts queries from other Network Elements and provides appropriate responses. The query originator need not be the owner of LIDB data. LIDB queries include functions such as screening billed numbers that provides the ability to accept Collect or Third Number Billing calls and validation of Telephone Line Number based non-proprietary calling cards. The interface for the LIDB functionality is the interface between BellSouth's CCS network and other CCS networks. LIDB also interfaces to administrative systems.

7.3.2 Technical Requirements

7.3.2.1 BellSouth will offer to <<customer_short_name>> any additional capabilities that are developed for LIDB during the life of this Agreement.

7.3.2.2 BellSouth shall process <<customer_short_name>>'s customer records in LIDB at least at parity with BellSouth customer records, with respect to other LIDB

functions. BellSouth shall indicate to <<customer_short_name>> what additional functions (if any) are performed by LIDB in the BellSouth network.

- 7.3.2.3 Within two (2) weeks after a request by <<customer_short_name>>, BellSouth shall provide <<customer_short_name>> with a list of the customer data items, which <<customer_short_name>> 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.
- 7.3.2.4 BellSouth shall provide LIDB systems for which operating deficiencies that would result in calls being blocked shall not exceed thirty (30) minutes per year.
- 7.3.2.5 BellSouth shall provide LIDB systems for which operating deficiencies that would not result in calls being blocked shall not exceed twelve (12) hours per year.
- 7.3.2.6 BellSouth shall provide LIDB systems for which the LIDB function shall be in overload no more than twelve (12) hours per year.
- 7.3.2.7 All additions, updates and deletions of <<customer_short_name>> data to the LIDB shall be solely at the direction of <<customer_short_name>>. Such direction from <<customer_short_name>> will not be required where the addition, update or deletion is necessary to perform standard fraud control measures (e.g., calling card auto-deactivation).
- 7.3.2.8 BellSouth shall provide priority updates to LIDB for <<customer_short_name>> data upon <<customer_short_name>>'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.
- 7.3.2.9 BellSouth shall provide LIDB systems such that no more than 0.01% of <<customer_short_name>> customer records will be missing from LIDB, as measured by <<customer_short_name>> audits. BellSouth will audit <<customer_short_name>> records in LIDB against Data Base Administration System (DBAS) to identify record mismatches and provide this data to a designated <<customer_short_name>> contact person to resolve the status of the records and BellSouth will update system appropriately. BellSouth will refer record of mismatches to <<customer_short_name>> within one (1) business day of audit. Once reconciled records are received back from <<customer_short_name>>, BellSouth will update LIDB the same business day if less than 500 records are received before 1:00 p.m. Central Time. If more than 500 records are received, BellSouth will contact <<customer_short_name>> to negotiate a time frame for the updates, not to exceed three (3) business days.

- 7.3.2.10 BellSouth shall perform backup and recovery of all of <<customer_short_name>>'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.
- 7.3.2.11 BellSouth shall provide <<customer_short_name>> 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 <<customer_short_name>> and BellSouth.
- 7.3.2.12 BellSouth shall prevent any access to or use of <<customer_short_name>> 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 <<customer_short_name>> in writing.
- 7.3.2.13 BellSouth shall provide <<customer_short_name>> 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 <<customer_short_name>> at least at parity with BellSouth Customer Data. BellSouth shall obtain from <<customer_short_name>> the screening information associated with LIDB Data Screening of <<customer_short_name>> 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 <<customer_short_name>> under the BFR/NBR Process as set forth in Attachment 11.
- 7.3.2.14 BellSouth shall accept queries to LIDB associated with <<customer_short_name>> customer records and shall return responses in accordance with industry standards.
- 7.3.2.15 BellSouth shall provide mean processing time at the LIDB within 0.50 seconds under normal conditions as defined in industry standards.
- 7.3.2.16 BellSouth shall provide processing time at the LIDB within 1 second for ninety-nine percent (99%) of all messages under normal conditions as defined in industry standards.
- 7.3.3 Interface Requirements
- 7.3.3.1 BellSouth shall offer LIDB in accordance with the requirements of this subsection.

- 7.3.3.2 The interface to LIDB shall be in accordance with the technical references contained within.
- 7.3.3.3 The CCS interface to LIDB shall be the standard interface described herein.
- 7.3.3.4 The LIDB Data Base interpretation of the ANSI-TCAP messages shall comply with the technical reference herein. Global Title Translation (GTT) shall be maintained in the signaling network in order to support signaling network routing to the LIDB.
- 7.3.3.5 The application of the LIDB rates contained in Exhibit A will be based on a Percent CLEC LIDB Usage (PCLU) factor. <<customer_short_name>> shall provide BellSouth a PCLU. The PCLU will be applied to determine the percentage of total LIDB usage to be billed to the other Party at local rates. <<customer_short_name>> shall update its PCLU on the first of January, April, July and October and shall send it to BellSouth to be received no later than thirty (30) calendar days after the first of each such month based on local usage for the past three months ending the last day of December, March, June and September, respectively. Requirements associated with PCLU calculation and reporting shall be as set forth in BellSouth's Jurisdictional Factors Reporting Guide, as it is amended from time to time.
- 7.4 Signaling. BellSouth shall offer access to signaling and access to BellSouth's signaling databases subject to compatibility testing and at the rates set forth in this Attachment. BellSouth may provide mediated access to BellSouth signaling systems and databases. Available signaling elements include signaling links, STPs and SCPs. Signaling functionality will be available with both A-link and B-link connectivity.
- 7.4.1 Signaling Link Transport. Signaling Link Transport is a set of two (2) or four (4) dedicated 56 kbps transmission paths between <<customer_short_name>> designated SPOI that provide appropriate physical diversity.
- 7.4.1.1 Technical Requirements
- 7.4.1.1.1 Signaling Link Transport shall consist of full duplex mode 56 kbps transmission paths and shall perform in the following two ways:
- 7.4.1.1.1.1 As an "A-link" Signaling Link Transport is a connection between a switch or SCP and a home STP switch pair; and
- 7.4.1.1.1.2 As a "B-link" Signaling Link Transport is a connection between two (2) STP switch pairs in different company networks (e.g., between two (2) STP switch pairs for two (2) CLECs).

- 7.4.1.2 Signaling Link Transport shall consist of two (2) or more signaling link layers as follows:
- 7.4.1.2.1 An A-link layer shall consist of two (2) links; and
- 7.4.1.2.2 A B-link layer shall consist of four (4) links.
- 7.4.1.3 A signaling link layer shall satisfy interoffice and intraoffice diversity of facilities and equipment, such that:
- 7.4.1.3.1 No single failure of facilities or equipment causes the failure of both links in an A-link layer (i.e., the links should be provided on a minimum of two (2) separate physical paths end-to-end); and
- 7.4.1.3.2 No two (2) concurrent failures of facilities or equipment shall cause the failure of all four (4) links in a B-link layer (i.e., the links should be provided on a minimum of three (3) separate physical paths end-to-end).
- 7.4.2 Interface Requirements. There shall be a DS1 (1.544 Mbps) interface at <<customer_short_name>>'s designated SPOIs. Each 56 kbps transmission path shall appear as a DS0 channel within the DS1 interface.
- 7.4.3 STP. An STP is a signaling network function that includes all of the capabilities provided by the signaling transfer point switches and their associated signaling links that enables the exchange of SS7 messages among and between switching elements, database elements and signaling transfer point switches.
- 7.4.3.1 Technical Requirements
- 7.4.3.1.1 STPs shall provide access to BellSouth Local Switching or Tandem Switching and to BellSouth SCPs/Databases connected to BellSouth SS7 network. STPs also provide access to third party local or tandem switching and third party provided STPs.
- 7.4.3.1.2 The connectivity provided by STPs shall fully support the functions of all other Network Elements connected to the BellSouth SS7 network. This includes the use of the BellSouth SS7 network to convey messages that neither originate nor terminate at a signaling end point directly connected to the BellSouth SS7 network (i.e., transit messages). When the BellSouth SS7 network is used to convey transit messages, there shall be no alteration of the Integrated Services Digital Network User Part (ISDNUP) or Transaction Capabilities Application Part (TCAP) user data that constitutes the content of the message.
- 7.4.3.1.3 If a BellSouth tandem switch routes traffic, based on dialed or translated digits, on SS7 trunks between a <<customer_short_name>> local switch and third party

local switch, the BellSouth SS7 network shall convey the TCAP messages that are necessary to provide Call Management features (Automatic Callback, Automatic Recall, and Screening List Editing) between <<customer_short_name>> 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.

- 7.4.3.1.4 STPs shall provide all functions of the SCCP necessary for Class 0 (basic connectionless) service as defined in Telcordia ANSI Interconnection Requirements. This includes GTT and SCCP Management procedures, as specified in ANSI T1.112.4. Where the destination signaling point is a <<customer_short_name>> 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 <<customer_short_name>> database, then <<customer_short_name>> agrees to provide BellSouth with the Destination Point Code for <<customer_short_name>> database.
- 7.4.3.1.5 STPs shall provide all functions of the Operations, Maintenance and Administration Part (OMAP) as specified in applicable industry standard technical references, which may include, where available in BellSouth's network, MTP Routing Verification Test (MRVT) and SCCP Routing Verification Test (SRVT).
- 7.4.3.1.6 Where the destination signaling point is a BellSouth local or tandem switching system or database, or is a <<customer_short_name>> or third party local or tandem switching system directly connected to the BellSouth SS7 network, STPs shall perform MRVT and SRVT to the destination signaling point. In all other cases, STPs shall perform MRVT and SRVT to a gateway pair of STPs in an SS7 network connected with the BellSouth SS7 network. This requirement may be superseded by the specifications for Internetwork MRVT and SRVT when these become approved ANSI standards and available capabilities of BellSouth STPs.
- 7.4.4 SS7
- 7.4.4.1 When technically feasible and upon request by <<customer_short_name>>, SS7 AIN Access shall be made available in association with switching. SS7 AIN Access is the provisioning of AIN 0.1 triggers in an equipped BellSouth local switch and interconnection of the BellSouth SS7 network with <<customer_short_name>>'s SS7 network to exchange TCAP queries and responses with a <<customer_short_name>> SCP.

- 7.4.4.2 SS7 AIN Access shall provide <<customer_short_name>> SCP access to an equipped BellSouth local switch via interconnection of BellSouth's SS7 and <<customer_short_name>> SS7 Networks. BellSouth shall offer SS7 AIN Access through its STPs. If BellSouth requires a mediation device on any part of its network specific to this form of access, BellSouth must route its messages in the same manner. The interconnection arrangement shall result in the BellSouth local switch recognizing the <<customer_short_name>> SCP as at least at parity with BellSouth's SCPs in terms of interfaces, performance and capabilities.
- 7.4.4.3 Interface Requirements
- 7.4.4.3.1 BellSouth shall provide the following STP options to connect <<customer_short_name>> or <<customer_short_name>>-designated Local Switching systems to the BellSouth SS7 network:
- 7.4.4.3.1.1 An A-link interface from <<customer_short_name>> Local Switching systems; and
- 7.4.4.3.1.2 A B-link interface from <<customer_short_name>> local STPs.
- 7.4.4.3.2 Each type of interface shall be provided by one or more layers of signaling links.
- 7.4.4.3.3 The SPOI for each link shall be located at a cross-connect element in the CO where the BellSouth STP is located. There shall be a DS1 or higher rate transport interface at each of the SPOIs. Each signaling link shall appear as a DS0 channel within the DS1 or higher rate interface.
- 7.4.4.3.4 BellSouth shall provide intraoffice diversity between the SPOI and BellSouth STPs so that no single failure of intraoffice facilities or equipment shall cause the failure of both B-links in a layer connecting to a BellSouth STP.
- 7.4.4.3.5 STPs shall provide all functions of the MTP as defined in the applicable industry standard technical references.
- 7.4.4.4 Message Screening
- 7.4.4.4.1 BellSouth shall set message screening parameters so as to accept valid messages from <<customer_short_name>> local or tandem switching systems destined to any signaling point within BellSouth's SS7 network where the <<customer_short_name>> switching system has a valid signaling relationship.
- 7.4.4.4.2 BellSouth shall set message screening parameters so as to pass valid messages from <<customer_short_name>> local or tandem switching systems destined to any signaling point or network accessed through BellSouth's SS7 network where

the <<customer_short_name>> switching system has a valid signaling relationship.

- 7.4.4.4.3 BellSouth shall set message screening parameters so as to accept and pass/send valid messages destined to and from <<customer_short_name>> from any signaling point or network interconnected through BellSouth's SS7 network where the <<customer_short_name>> SCP has a valid signaling relationship.

7.4.5 SCP/Databases

- 7.4.5.1 Call Related Databases provide the storage of, access to, and manipulation of information required to offer a particular service and/or capability. BellSouth shall provide access to the following Databases: LNP, LIDB, Toll Free Number Database, ALI/DMS, and CNAM Database. BellSouth also provides access to SCE/SMS application databases and DA.

- 7.4.5.2 A SCP is deployed in a SS7 network that executes service application logic in response to SS7 queries sent to it by a switching system also connected to the SS7 network. SMS provides operational interfaces to allow for provisioning, administration and maintenance of subscriber data and service application data stored in SCPs.

7.4.5.3 Technical Requirements for SCPs/Databases

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

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

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

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

7.6 CNAM Database Service

- 7.6.1 CNAM is the ability to associate a name with the calling party number, allowing the End User (to which a call is being terminated) to view the calling party's name before the call is answered. The calling party's information is accessed by queries launched to the CNAM database. This service also provides

<<customer_short_name>> the opportunity to load and store its subscriber names in the BellSouth CNAM SCPs.

- 7.6.2 <<customer_short_name>> shall submit to BellSouth a notice of its intent to access and utilize BellSouth CNAM Database Services. Said notice shall be in writing no less than sixty (60) calendar days prior to <<customer_short_name>>'s access to BellSouth's CNAM Database Services and shall be addressed to <<customer_short_name>>'s Local Contract Manager.
- 7.6.3 BellSouth's provision of CNAM Database Services to <<customer_short_name>> requires interconnection from <<customer_short_name>> to BellSouth CNAM SCPs. Such interconnections shall be established pursuant to Attachment 3 of this Agreement.
- 7.6.4 In order to formulate a CNAM query to be sent to the BellSouth CNAM SCP, <<customer_short_name>> shall provide its own CNAM SSP. <<customer_short_name>>'s CNAM SSPs must be compliant with TR-NWT-001188, "CLASS Calling Name Delivery Generic Requirements".
- 7.6.5 If <<customer_short_name>> elects to access the BellSouth CNAM SCP via a third party CCS7 transport provider, the third party CCS7 provider shall interconnect with the BellSouth CCS7 network according to BellSouth's Common Channel Signaling Interconnection Guidelines and Telcordia's TR-TSV-000905 CCS Network Interface Specification. In addition, the third party provider shall establish CCS7 interconnection at the BellSouth Local Signal Transfer Points (LSTPs) serving the BellSouth CNAM SCPs that <<customer_short_name>> desires to query.
- 7.6.6 If <<customer_short_name>> 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 TR-TSV-000905 CCS Network Interface Specification. In addition, the third party provider shall establish SS7 interconnection at one or more of the BellSouth Gateway STPs. The payment of all costs associated with the transport of SS7 signals via a third party will be established by mutual agreement of the Parties and this Agreement shall be amended in accordance with modification of the General Terms and Conditions incorporated herein by this reference.
- 7.6.7 The mechanism to be used by <<customer_short_name>> for initial CNAM record load and/or updates shall be determined by mutual agreement. The initial load and all updates shall be provided by <<customer_short_name>> in the BellSouth specified format and shall contain records for every working telephone number that can originate phone calls. It is the responsibility of

<<customer_short_name>> to provide accurate information to BellSouth on a current basis.

7.6.8 Updates to the SMS shall occur no less than once a week, reflect service order activity affecting either name or telephone number, and involve only record additions, deletions or changes.

7.6.9 <<customer_short_name>> 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.

7.7 SCE/SMS AIN Access

7.7.1 BellSouth's SCE/SMS AIN Access shall provide <<customer_short_name>> the capability to create service applications in a BellSouth SCE and deploy those applications in a BellSouth SMS to a BellSouth SCP.

7.7.2 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 <<customer_short_name>>. 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.

7.7.3 BellSouth SCP shall partition and protect <<customer_short_name>> service logic and data from unauthorized access.

7.7.4 When <<customer_short_name>> selects SCE/SMS AIN Access, BellSouth shall provide training, documentation, and technical support to enable <<customer_short_name>> to use BellSouth's SCE/SMS AIN Access to create and administer applications.

7.7.5 <<customer_short_name>> access will be provided via remote data connection (e.g., dial-in, ISDN).

7.7.6 BellSouth shall allow <<customer_short_name>> to download data forms and/or tables to BellSouth SCP via BellSouth SMS without intervention from BellSouth.

8 **Automatic Location Identification/Data Management System (ALI/DMS)**

8.1 911 and E911 Databases

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

8.1.2 The ALI/DMS database contains End User information (including name, address, telephone information, and sometimes special information from the local service provider or End User) used to determine to which PSAP to route the call. The ALI/DMS database is used to provide enhanced routing flexibility for E911. <<customer_short_name>> will be required to provide the BellSouth 911 database vendor daily service order updates to E911 database in accordance with Section 8.2.1.

8.2 Technical Requirements

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

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

8.2.3 <<customer_short_name>> shall conform to the BellSouth standards as described in the CLEC Users Guide to E911 for Facilities Based Providers that is located on the BellSouth Interconnection Web site at <http://www.interconnection.bellsouth.com/guides>.

8.2.4 Stranded Unlocks are defined as End User records in BellSouth's ALI/DMS database that have not been migrated for over ninety (90) days to <<customer_short_name>>, as a new provider of local service to the End User. Stranded Unlocks are those End User records that have been "unlocked" by the previous local exchange carrier that provided service to the End User and are open for <<customer_short_name>> to assume responsibility for such records.

8.2.4.1 Based upon End User record ownership information available in the NPAC database, BellSouth shall provide a Stranded Unlock annual report to <<customer_short_name>> that reflects all Stranded Unlocks that remain in the ALI/DMS database for over ninety (90) days. <<customer_short_name>> shall review the Stranded Unlock report, identify its End User records and request to either delete such records or migrate the records to <<customer_short_name>> within two (2) months following the date of the Stranded Unlock report provided by BellSouth. <<customer_short_name>> shall reimburse BellSouth for any

charges BellSouth's database vendor imposes on BellSouth for the deletion of <<customer_short_name>>'s records.

9 OSS

9.1 BellSouth has developed and made available electronic interfaces by which <<customer_short_name>> may submit LSRs electronically.

9.2 LSRs submitted by means of one of these electronic interfaces will incur an electronic service order charge. LSRs submitted by means other than one of these interactive interfaces (e.g., mail, fax, courier, etc.) will incur a manual order service charge. An individual LSR will be identified for billing purposes by its Purchase Order Number (PON). Electronic and manual service order charges are specified in Exhibit A.

9.3 BellSouth will bill the electronic or manual service order charge for Network Elements as applicable, for an LSR, regardless of whether that LSR is later supplemented, clarified or cancelled.

9.4 Notwithstanding the foregoing, BellSouth will not bill an additional electronic or manual service order charge for supplements to any LSR submitted to clarify, correct, change or cancel a previously submitted LSR.

9.5 Denial/Restoral OSS Charge. *BellSouth shall bill electronic or manual service order charges for each account as defined in the BellSouth Local Ordering Handbook.* In the event <<customer_short_name>> 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.

9.6 Network Elements and Other Services Manual Additive. The Commissions in some states have ordered per element manual additive NRC for Network Elements and Other Services ordered by means other than one of the interactive interfaces. These ordered Network Elements and Other Services manual additive NRCs will apply in these states, rather than the charge per LSR. The per element charges are listed in Exhibit A.

Attachment 2

Network Elements and Other Services

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

- 1.1 This Attachment sets forth rates, terms and conditions for unbundled network elements (Network Elements) and combinations of Network Elements (Combinations) that BellSouth offers to <<customer_short_name>> for <<customer_short_name>>'s provision of Telecommunications Services in accordance with its obligations under Section 251(c)(3) of the Act. Additionally, this Attachment sets forth the rates, terms and conditions for other facilities and services BellSouth makes available to <<customer_short_name>> (Other Services). Additionally, the provision of a particular Network Element or Other Service may require <<customer_short_name>> to purchase other Network Elements or services. In the event of a conflict between this Attachment and any other section or provision of this Agreement, the provisions of this Attachment shall control.
- 1.2 The rates for each Network Element, Combinations and Other Services are set forth in Exhibits A and B. If no rate is identified in this Agreement, the rate will be as set forth in the applicable BellSouth tariff or as negotiated by the Parties upon request by either Party. If <<customer_short_name>> purchases service(s) from a tariff, all terms and conditions and rates as set forth in such tariff shall apply. A one-month minimum billing period shall apply to all Network Elements, Combinations and Other Services.
- 1.3 <<customer_short_name>> may purchase and use Network Elements and Other Services from BellSouth in accordance with 47 C.F.R § 51.309.
- 1.4 The Parties shall comply with the requirements as set forth in the technical references within this Attachment 2.
- 1.5 <<customer_short_name>> shall not obtain a Network Element for the exclusive provision of mobile wireless services or interexchange services.
- 1.6 Conversion of Wholesale Services to Network Elements or Network Elements to Wholesale Services. Upon request, BellSouth shall convert a wholesale service, or group of wholesale services, to the equivalent Network Element or Combination that is available to <<customer_short_name>> pursuant to Section 251 of the Act and under this Agreement or convert a Network Element or Combination that is available to <<customer_short_name>> pursuant to Section 251 of the Act and under this Agreement to an equivalent wholesale service or group of wholesale services offered by BellSouth (collectively "Conversion"). BellSouth shall charge the applicable nonrecurring switch-as-is rates for Conversions to specific Network Elements or Combinations found in Exhibit A. BellSouth shall also charge the same nonrecurring switch-as-is rates when converting from Network Elements or Combinations. Any rate change resulting

from the Conversion will be effective as of the next billing cycle following BellSouth's receipt of a complete and accurate Conversion request from <<customer_short_name>>. A Conversion shall be considered termination for purposes of any volume and/or term commitments and/or grandfathered status between <<customer_short_name>> and BellSouth. Any change from a wholesale service/group of wholesale services to a Network Element/Combination, or from a Network Element/Combination to a wholesale service/group of wholesale services, that requires a physical rearrangement will not be considered to be a Conversion for purposes of this Agreement. BellSouth will not require physical rearrangements if the Conversion can be completed through record changes only. Orders for Conversions will be handled in accordance with the guidelines set forth in the Ordering Guidelines and Processes and CLEC Information Packages as referenced in Sections 1.13.1 and 1.13.2 below.

- 1.7 Except to the extent expressly provided otherwise in this Attachment, <<customer_short_name>> may not maintain unbundled network elements or combinations of unbundled network elements, that are no longer offered pursuant to this Agreement (collectively "Arrangements"). In the event BellSouth determines that <<customer_short_name>> has in place any Arrangements after the Effective Date of this Agreement, BellSouth will provide <<customer_short_name>> with thirty (30) days written notice to disconnect or convert such Arrangements. If <<customer_short_name>> fails to submit orders to disconnect or convert such Arrangements within such thirty (30) day period, BellSouth will transition such circuits to the equivalent tariffed BellSouth service(s). Those circuits identified and transitioned by BellSouth pursuant to this Section 1.7 shall be subject to all applicable disconnect charges as set forth in this Agreement and the full nonrecurring charges for installation of the equivalent tariffed BellSouth service as set forth in BellSouth's tariffs. The applicable recurring tariff charge shall apply to each circuit as of the Effective Date of this Agreement.
- 1.8 Prior to submitting an order pursuant to this Agreement for high capacity (DS1 or above) Dedicated Transport or high capacity Loops, <<customer_short_name>> shall undertake a reasonably diligent inquiry to determine whether <<customer_short_name>> is entitled to unbundled access to such Network Elements in accordance with the terms of this Agreement. By submitting any such order, <<customer_short_name>> self-certifies that to the best of <<customer_short_name>>'s knowledge, the high capacity Dedicated Transport or high capacity Loop requested is available as a Network Element pursuant to this Agreement. Upon receiving such order, BellSouth shall process the request in reliance upon <<customer_short_name>>'s self-certification. To the extent BellSouth believes that such request does not comply with the terms of this Agreement, BellSouth shall seek dispute resolution in accordance with the General Terms and Conditions of this Agreement. In the event such dispute is resolved in BellSouth's favor, BellSouth shall bill <<customer_short_name>> the

difference between the rates for such circuits pursuant to this Agreement and the applicable nonrecurring and recurring charges for the equivalent tariffed service from the date of installation to the date the circuit is transitioned to the equivalent tariffed service. Within thirty (30) days following a decision finding in BellSouth's favor, <<customer_short_name>> shall submit a spreadsheet identifying those non-compliant circuits to be transitioned to tariffed services or disconnected.

- 1.9 <<customer_short_name>> may utilize Network Elements and Other Services to provide services in accordance with this Agreement, as long as such services are consistent with industry standards and applicable BellSouth Technical References.
- 1.10 BellSouth will perform Routine Network Modifications (RNM) in accordance with FCC 47 C.F.R. § 51.319 (a)(7) and (e)(4) for Loops and Dedicated Transport provided under this Attachment. If BellSouth has anticipated such RNM and performs them during normal operations and has recovered the costs for performing such modifications through the rates set forth in Exhibit A, then BellSouth shall perform such RNM at no additional charge. RNM shall be performed within the intervals established for the Network Element and subject to the performance measurements and associated remedies set forth in Attachment 9 of this Agreement to the extent such RNM were anticipated in the setting of such intervals. If BellSouth has not anticipated a requested network modification as being a RNM and has not recovered the costs of such RNM in the rates set forth in Exhibit A, then such request will be handled as a project on an individual case basis. BellSouth will provide a price quote for the request and, upon receipt of payment from <<customer_short_name>>, BellSouth shall perform the RNM.
- 1.11 Commingling of Services
- 1.11.1 Commingling means the connecting, attaching, or otherwise linking of a Network Element, or a Combination, to one or more Telecommunications Services or facilities that <<customer_short_name>> has obtained at wholesale from BellSouth, or the combining of a Network Element or Combination with one or more such wholesale Telecommunications Services or facilities. <<customer_short_name>> must comply with all rates, terms or conditions applicable to such wholesale Telecommunications Services or facilities.
- 1.11.2 Subject to the limitations set forth elsewhere in this Attachment, BellSouth shall not deny access to a Network Element or a Combination on the grounds that one or more of the elements: (1) is connected to, attached to, linked to, or combined with such a facility or service obtained from BellSouth; or (2) shares part of BellSouth's network with access services or inputs for mobile wireless services and/or interexchange services.

- 1.11.3 Unless otherwise agreed to by the Parties, the Network Element portion of a commingled circuit will be billed at the rates set forth in Exhibit A and the remainder of the circuit or service will be billed in accordance with BellSouth's tariffed rates or rates set forth in a separate agreement between the Parties.
- 1.11.4 When multiplexing equipment is attached to a commingled circuit, the multiplexing equipment will be billed from the same agreement or tariff as the higher bandwidth circuit. Central Office Channel Interfaces (COCI) will be billed from the same agreement or tariff as the lower bandwidth circuit.
- 1.11.5 Notwithstanding any other provision of this Agreement, BellSouth shall not be obligated to commingle or combine Network Elements or Combinations with any service, network element or other offering that it is obligated to make available only pursuant to Section 271 of the Act.
- 1.12 Terms and conditions for order cancellation charges and Service Date Advancement Charges will apply in accordance with Attachment 6 and are incorporated herein by this reference. The charges shall be as set forth in Exhibit A.
- 1.13 Ordering Guidelines and Processes
- 1.13.1 For information regarding Ordering Guidelines and Processes for various Network Elements, Combinations and Other Services, <<customer_short_name>> should refer to the "Guides" section of the BellSouth Interconnection Web site.
- 1.13.2 Additional information may also be found in the individual CLEC Information Packages located at the "CLEC UNE Products" on BellSouth's Interconnection Web site at: www.interconnection.bellsouth.com/guides/html/unes.html.
- 1.13.3 The provisioning of Network Elements, Combinations and Other Services to <<customer_short_name>>'s Collocation Space will require cross-connections within the central office to connect the Network Element, Combinations or Other Services to the demarcation point associated with <<customer_short_name>>'s Collocation Space. These cross-connects are separate components that are not considered a part of the Network Element, Combinations or Other Services and, thus, have a separate charge pursuant to this Agreement.
- 1.13.4 Testing/Trouble Reporting.
- 1.13.4.1 <<customer_short_name>> will be responsible for testing and isolating troubles on Network Elements in accordance with Section 2.5, Maintenance and Repair of Attachment 6.

2 Loops

- 2.1 General. The local loop Network Element is defined as a transmission facility that BellSouth provides pursuant to this Attachment between a distribution frame (or its equivalent) in BellSouth's central office and the loop demarcation point at an End User premises (Loop). Facilities that do not terminate at a demarcation point at an End User premises, including, by way of example, but not limited to, facilities that terminate to another carrier's switch or premises, a cell site, Mobile Switching Center or base station, do not constitute local Loops. The Loop Network Element includes all features, functions, and capabilities of the transmission facilities, including the network interface device, and attached electronics (except those used for the provision of advanced services, such as Digital Subscriber Line Access Multiplexers (DSLAMs)), optronics and intermediate devices (including repeaters and load coils) used to establish the transmission path to the End User's premises, including inside wire owned or controlled by BellSouth. <<customer_short_name>> shall purchase the entire bandwidth of the Loop and, except as required herein or as otherwise agreed to by the Parties, BellSouth shall not subdivide the frequency of the Loop.
- 2.1.1 The Loop does not include any packet switched features, functions or capabilities.
- 2.1.2 Fiber to the Home (FTTH) loops are local loops consisting entirely of fiber optic cable, whether dark or lit, serving an End User's premises or, in the case of predominantly residential multiple dwelling units (MDUs), a fiber optic cable, whether dark or lit, that extends to the MDU minimum point of entry (MPOE). Fiber to the Curb (FTTC) loops are local loops consisting of fiber optic cable connecting to a copper distribution plant that is not more than five hundred (500) feet from the End User's premises or, in the case of predominantly residential MDUs, not more than five hundred (500) feet from the MDU's MPOE. The fiber optic cable in a FTTC loop must connect to a copper distribution plant at a serving area interface from which every other copper distribution subloop also is not more than five hundred (500) feet from the respective End User's premises.
- 2.1.2.1 In new build (Greenfield) areas, where BellSouth has only deployed FTTH/FTTC facilities, BellSouth is under no obligation to provide Loops. FTTH facilities include fiber loops deployed to the MPOE of a MDU that is predominantly residential regardless of the ownership of the inside wiring from the MPOE to each End User in the MDU.
- 2.1.2.2 In FTTH/FTTC overbuild situations where BellSouth also has copper Loops, BellSouth will make those copper Loops available to <<customer_short_name>> on an unbundled basis, until such time as BellSouth chooses to retire those copper Loops using the FCC's network disclosure requirements. In these cases, BellSouth will offer a sixty-four (64) kilobits per second (kbps) second voice grade channel over its FTTH/FTTC facilities.
- 2.1.2.3 Furthermore, in FTTH/FTTC overbuild areas where BellSouth has not yet retired copper facilities, BellSouth is not obligated to ensure that such copper Loops in that area are capable of transmitting signals prior to receiving a request for access

to such Loops by <<customer_short_name>>. If a request is received by BellSouth for a copper Loop, and the copper facilities have not yet been retired, BellSouth will restore the copper Loop to serviceable condition if technically feasible. In these instances of Loop orders in an FTTH/FTTC overbuild area, BellSouth's standard Loop provisioning interval will not apply, and the order will be handled on a project basis by which the Parties will negotiate the applicable provisioning interval

2.1.3 A hybrid Loop is a local Loop, composed of both fiber optic cable, usually in the feeder plant, and copper twisted wire or cable, usually in the distribution plant. BellSouth shall provide <<customer_short_name>> with nondiscriminatory access, at a minimum, to the capabilities of the hybrid Loop comparable to a DS0 facility, or access to a home-run copper loop, on an unbundled basis to establish a complete transmission path between BellSouth's central office and an End User's premises.

2.1.4 Transition for DS1 and DS3 Loops

2.1.4.1 For purposes of this Section 2, the Transition Period for the Embedded Base of DS1 and DS3 Loops and for the Excess DS1 and DS3 Loops (defined in 2.1.4.3) is the twelve (12) month period beginning March 11, 2005 and ending March 10, 2006.

2.1.4.2 For purposes of this Section 2, Embedded Base means DS1 and DS3 Loops that were in service for <<customer_short_name>> as of March 10, 2005 in those wire centers that, as of such date, met the criteria set forth in Sections 2.1.4.5.1 or 2.1.4.5.2 below. Subsequent disconnects or loss of End Users shall be removed from the Embedded Base.

2.1.4.3 Excess DS1 and DS3 Loops are those <<customer_short_name>> DS1 and DS3 Loops in service as of March 10, 2005, in excess of the caps set forth in Sections 2.3.6.2 and 2.3.12 below, respectively. Subsequent disconnects or loss of End Users shall be removed from Excess DS1 and DS3 Loops.

2.1.4.4 For purposes of this Section 2, a Business Line is defined in 47 C.F.R. § 51.5.

2.1.4.5 Notwithstanding anything to the contrary in this Agreement, and except as set forth in Section 2.1.4.12 below, BellSouth shall make available DS1 and DS3 Loops as described in this Section 2.1.4 only for <<customer_short_name>>'s Embedded Base during the Transition Period:

2.1.4.5.1 DS1 Loops at any location within the service area of a wire center containing 60,000 or more Business Lines and four (4) or more fiber-based collocators.

2.1.4.5.2 DS3 Loops at any location within the service area of a wire center containing 38,000 or more Business Lines and four (4) or more fiber-based collocators.

- 2.1.4.6 A list of wire centers meeting the criteria set forth in Sections 2.1.4.5.1 and 2.1.4.5.2 above as of March 10, 2005 (Initial Wire Center List), is available on BellSouth's Interconnection Services Web site.
- 2.1.4.7 Notwithstanding the Effective Date of this Agreement, during the Transition Period, the rates for <<customer_short_name>>'s Embedded Base of DS1 and DS3 Loops and <<customer_short_name>>'s Excess DS1 and DS3 Loops described in this Section 2.1.4 shall be as set forth in Exhibit B.
- 2.1.4.8 The Transition Period shall apply only to (1) <<customer_short_name>>'s Embedded Base and (2) <<customer_short_name>>'s Excess DS1 and DS3 Loops. <<customer_short_name>> shall not add new DS1 or DS3 loops as described in this Section 2.1.4 pursuant to this Agreement, except pursuant to the self-certification process as set forth in Section 1.8 of this Attachment and as set forth in Section 2.1.4.12 below.
- 2.1.4.9 Once a wire center exceeds both of the thresholds set forth in Sections 2.1.4.5.1 and 2.1.4.5.2 below, no future DS1 Loop unbundling will be required in that wire center.
- 2.1.4.10 Once a wire center exceeds both of the thresholds set forth in Sections 2.1.4.5.1 and 2.1.4.5.2 below, no future DS3 Loop unbundling will be required in that wire center.
- 2.1.4.11 No later than December 9, 2005 <<customer_short_name>> shall submit spreadsheet(s) identifying all of the Embedded Base of circuits and Excess DS1 and DS3 Loops to be either disconnected or converted to other BellSouth services pursuant to Section 1.6 above. The Parties shall negotiate a project schedule for the Conversion of the Embedded Base and Excess DS1 and DS3 Loops.
- 2.1.4.11.1 If <<customer_short_name>> fails to submit the spreadsheet(s) specified in Section 2.1.4.11 above for all of its Embedded Base and Excess DS1 and DS3 Loops prior to December 9, 2005, BellSouth will identify <<customer_short_name>>'s remaining Embedded Base and Excess DS1 and DS3 Loops, if any, and will transition such circuits to the equivalent tariffed BellSouth service(s). Those circuits identified and transitioned by BellSouth pursuant to this Section 2.1.4.11.1 shall be subject to all applicable disconnect charges as set forth in this Agreement and the full nonrecurring charges for installation of the equivalent tariffed BellSouth service as set forth in BellSouth's tariffs.
- 2.1.4.11.2 For Embedded Base circuits and Excess DS1 and DS3 Loops converted pursuant to Section 2.1.4.11 above or transitioned pursuant to Section 2.1.4.11.1 above, the applicable recurring tariff charge shall apply to each circuit as of the earlier of the date each circuit is converted or transitioned, as applicable, or March 11, 2006.

- 2.1.4.12 Modifications and Updates to the Wire Center List and Subsequent Transition Periods
- 2.1.4.12.1 In the event BellSouth identifies additional wire centers that meet the criteria set forth in Section 2.1.4.5 above, but that were not included in the Initial Wire Center List, BellSouth shall include such additional wire centers in a carrier notification letter (CNL). Each such list of additional wire centers shall be considered a "Subsequent Wire Center List".
- 2.1.4.12.2 Effective ten (10) business days after the date of a BellSouth CNL providing a Subsequent Wire Center List, BellSouth shall not be required to unbundle DS1 and/or DS3 Loops, as applicable, in such additional wire center(s), except pursuant to the self-certification process as set forth in Section 1.8 of this Attachment.
- 2.1.4.12.3 For purposes of Section 2.1.4.12 above, BellSouth shall make available DS1 and DS3 Loops that were in service for <<customer_short_name>> in a wire center on the Subsequent Wire Center List as of the tenth (10th) business day after the date of BellSouth's CNL identifying the Subsequent Wire Center List (Subsequent Embedded Base) until ninety (90) days after the tenth (10th) business day from the date of BellSouth's CNL identifying the Subsequent Wire Center List (Subsequent Transition Period).
- 2.1.4.12.4 Subsequent disconnects or loss of End Users shall be removed from the Subsequent Embedded Base.
- 2.1.4.12.5 The rates set forth in Exhibit B shall apply to the Subsequent Embedded Base during the Subsequent Transition Period.
- 2.1.4.12.6 No later than forty (40) days from BellSouth's CNL identifying the Subsequent Wire Center List, <<customer_short_name>> shall submit a spreadsheet(s) identifying the Subsequent Embedded Base of circuits to be disconnected or converted to other BellSouth services. The Parties shall negotiate a project schedule for the Conversion of the Subsequent Embedded Base.
- 2.1.4.12.6.1 If <<customer_short_name>> fails to submit the spreadsheet(s) specified in Section 2.1.4.12.6 above for all of its Subsequent Embedded Base within forty (40) days after the date of BellSouth's CNL identifying the Subsequent Wire Center List, BellSouth will identify <<customer_short_name>>'s remaining Subsequent Embedded Base, if any, and will transition such circuits to the equivalent tariffed BellSouth service(s). Those circuits identified and transitioned by BellSouth shall be subject to the applicable disconnect charges as set forth in this Agreement and the full nonrecurring charges for installation of the equivalent tariffed BellSouth service as set forth in BellSouth's tariffs.
- 2.1.4.12.6.2 For Subsequent Embedded Base circuits converted pursuant to Section 2.1.4.12.6 above or transitioned pursuant to Section 2.1.4.12.6.1 above, the applicable

recurring tariff charges shall apply as of the earlier of the date each circuit is converted or transitioned, as applicable, or the first day after the end of the Subsequent Transition Period.

- 2.1.5 Where facilities are available, BellSouth will install Loops in compliance with BellSouth's Products and Services Interval Guide available at BellSouth's Web site. For orders of fifteen (15) or more Loops, the installation and any applicable Order Coordination as described below will be handled on a project basis, and the intervals will be set by the BellSouth project manager for that order. When Loops require a Service Inquiry (SI) prior to issuing the order to determine if facilities are available, the interval for the SI process is separate from the installation interval.
- 2.1.6 The Loop shall be provided to <<customer_short_name>> in accordance with BellSouth's TR73600 Unbundled Local Loop Technical Specification and applicable industry standard technical references.
- 2.1.7 BellSouth will only provision, maintain and repair the Loops to the standards that are applicable with the type of Loop ordered.
- 2.1.8 When a BellSouth technician is required to be dispatched to provision the Loop, BellSouth will tag the Loop with the Circuit ID number and the name of the ordering CLEC. When a dispatch is not required to provision the Loop, BellSouth will tag the Loop on the next required visit to the End User's location. If <<customer_short_name>> wants to ensure the Loop is tagged during the provisioning process for Loops that may not require a dispatch (e.g., UVL-SL1, UVL-SL2, and UCL-ND), <<customer_short_name>> may order Loop Tagging. Rates for Loop Tagging are as set forth in Exhibit A.
- 2.1.8.1 For voice grade Loop orders (or orders for Loops intended to provide voice grade services), <<customer_short_name>> shall have dial-tone available for that Loop forty-eight (48) hours prior to the Loop order completion due date.
- 2.1.9 Order Coordination (OC) and Order Coordination-Time Specific (OC-TS)
- 2.1.9.1 OC allows BellSouth and <<customer_short_name>> to coordinate the installation of the SL2 Loops, Unbundled Digital Loops (UDL) and other Loops where OC may be purchased as an option, to <<customer_short_name>>'s facilities to limit End User service outage. OC is available when the Loop is provisioned over an existing circuit that is currently providing service to the End User. OC for physical conversions will be scheduled at BellSouth's discretion during normal working hours on the committed due date. OC shall be provided in accordance with the chart set forth below.
- 2.1.9.2 OC-TS allows <<customer_short_name>> to order a specific time for OC to take place. BellSouth will make commercially reasonable efforts to accommodate <<customer_short_name>>'s specific conversion time request. However,

BellSouth reserves the right to negotiate with <<customer_short_name>> a conversion time based on load and appointment control when necessary. This OC-TS is a chargeable option for all Loops except Unbundled Copper Loops (UCL) and is billed in addition to the OC charge. <<customer_short_name>> may specify a time between 9:00 a.m. and 4:00 p.m. (location time) Monday through Friday (excluding holidays). If <<customer_short_name>> specifies a time outside this window, or selects a time or quantity of Loops that requires BellSouth technicians to work outside normal work hours, overtime charges will apply in addition to the OC and OC-TS charges. Overtime charges will be applied based on the amount of overtime worked and in accordance with the rates established in BellSouth's intrastate Access Services Tariff, Section E13.2, for each state. The OC-TS charges for an order due on the same day at the same location will be applied on a per LSR basis.

2.1.10

	Order Coordination (OC)	Order Coordination – Time Specific (OC-TS)	Test Points	DLR	Charge for Dispatch and Testing if No Trouble Found
SL-1 (Non-Designed)	Chargeable Option	Chargeable Option	Not available	Chargeable Option – ordered as Engineering Information Document	Charged for Dispatch inside and outside Central Office
UCL-ND (Non-Designed)	Chargeable Option	Not Available	Not Available	Chargeable Option – ordered as Engineering Information Document	Charged for Dispatch inside and outside Central Office
Unbundled Voice Loops - SL-2 (including 2- and 4-wire UVL) (Designed)	Included	Chargeable Option	Included	Included	Charged for Dispatch outside Central Office
Unbundled Digital Loop (Designed)	Included	Chargeable Option	Included (where appropriate)	Included	Charged for Dispatch outside Central Office
Unbundled Copper Loop (Designed)	Chargeable in accordance with Section 2	Not available	Included	Included	Charged for Dispatch outside Central Office

For UVL-SL1 and UCLs, <<customer_short_name>> must order and will be billed for both OC and OC-TS if requesting OC-TS.

2.1.11 CLEC to CLEC Conversions for Unbundled Loops

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

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

2.1.11.3 The Loops converted to <<customer_short_name>> pursuant to the CLEC to CLEC conversion process shall be provisioned in the same manner and with the same functionality and options as described in this Agreement for the specific Loop type.

2.1.12 Bulk Migration

2.1.12.1 BellSouth will make available to <<customer_short_name>> a Bulk Migration process pursuant to which <<customer_short_name>> may request to migrate port/loop combinations, provisioned pursuant to a separate agreement between the parties, to Loops (UNE-L). The Bulk Migration process may be used if such loop/port combinations are (1) associated with two (2) or more Existing Account Telephone Numbers (EATNs); and (2) located in the same Central Office. The terms and conditions for use of the Bulk Migration process are described in the BellSouth CLEC Information Package. The CLEC Information Package is located on BellSouth's Interconnection Web site at: www.interconnection.bellsouth.com/guides/html/unes.html. The rates for the Bulk Migration process shall be the nonrecurring rates associated with the Loop type being requested on the Bulk Migration, as set forth in Exhibit A. Additionally, OSS charges will also apply. Loops connected to Integrated Digital Loop Carrier (IDLC) systems will be migrated pursuant to Section 2.6 below.

2.1.12.2 Should <<customer_short_name>> request migration for two (2) or more EATNs containing fifteen (15) or more circuits, <<customer_short_name>> must use the Bulk Migration process referenced in 2.1.11.1 above.

2.2 Unbundled Voice Loops (UVLs)

2.2.1 BellSouth shall make available the following UVLs:

- 2.2.1.1 2-wire Analog Voice Grade Loop – SL1 (Non-Designed);
- 2.2.1.2 2-wire Analog Voice Grade Loop – SL2 (Designed); or
- 2.2.1.3 4-wire Analog Voice Grade Loop (Designed)
- 2.2.2 UVL may be provisioned using any type of facility that will support voice grade services. This may include loaded copper, non-loaded copper, digital loop carrier systems, fiber/copper combination (hybrid loop) or a combination of any of these facilities. BellSouth, in the normal course of maintaining, repairing, and configuring its network, may also change the facilities that are used to provide any given voice grade circuit. This change may occur at any time. In these situations, BellSouth will only ensure that the newly provided facility will support voice grade services. BellSouth will not guarantee that <<customer_short_name>> will be able to continue to provide any advanced services over the new facility. BellSouth will offer UVL in two different service levels - Service Level One (SL1) and Service Level Two (SL2).
- 2.2.3 Unbundled Voice Loop - SL1 (UVL-SL1). Loops are 2-wire loop start circuits, will be non-designed, and will not have remote access test points. OC will be offered as a chargeable option on SL1 Loops when reuse of existing facilities has been requested by <<customer_short_name>>, however, OC is always required on UCLs that involve the reuse of facilities that are currently providing service. <<customer_short_name>> may also order OC-TS when a specified conversion time is requested. OC-TS is a chargeable option for any coordinated order and is billed in addition to the OC charge. An Engineering Information (EI) document can be ordered as a chargeable option. The EI document provides Loop Make-Up information which is similar to the information normally provided in a Design Layout Record (DLR). Upon issuance of a non-coordinated order in the service order system, SL1 Loops will be activated on the due date in the same manner and time frames that BellSouth normally activates POTS-type Loops for its End Users.
- 2.2.4 For an additional charge BellSouth will make available Loop Testing so that <<customer_short_name>> may request further testing on new UVL-SL1 Loops. Rates for Loop Testing are as set forth in Exhibit A.
- 2.2.5 Unbundled Voice Loop – SL2 (UVL-SL2). Loops may be 2-wire or 4-wire circuits, shall have remote access test points, and will be designed with a DLR provided to <<customer_short_name>>. SL2 circuits can be provisioned with loop start, ground start or reverse battery signaling. OC is provided as a standard feature on SL2 Loops. The OC feature will allow <<customer_short_name>> to coordinate the installation of the Loop with the disconnect of an existing customer's service and/or number portability service. In these cases, BellSouth will perform the order conversion with standard order coordination at its discretion during normal work hours.

2.3 Unbundled Digital Loops

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

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

2.3.2.1 2-wire Unbundled ISDN Digital Loop;

2.3.2.2 2-wire Unbundled ADSL Compatible Loop;

2.3.2.3 2-wire Unbundled HDSL Compatible Loop;

2.3.2.4 4-wire Unbundled HDSL Compatible Loop;

2.3.2.5 4-wire Unbundled DS1 Digital Loop;

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

2.3.2.7 DS3 Loop; or

2.3.2.8 STS-1 Loop.

2.3.3 2-wire Unbundled ISDN Digital Loops. These will be provisioned according to industry standards for 2-Wire Basic Rate ISDN services and will come standard with a test point, OC, and a DLR. <<customer_short_name>> will be responsible for providing BellSouth with a Service Profile Identifier (SPID) associated with a particular ISDN-capable Loop and End User. With the SPID, BellSouth will be able to adequately test the circuit and ensure that it properly supports ISDN service.

2.3.4 2-wire ADSL-Compatible Loop. This is a designed Loop that is provisioned according to Revised Resistance Design (RRD) criteria and may be up to 18,000 feet long and may have up to 6,000 feet of bridged tap (inclusive of Loop length). The Loop is a 2-wire circuit and will come standard with a test point, OC, and a DLR.

2.3.5 2-wire or 4-wire HDSL-Compatible Loop. This is a designed Loop that meets Carrier Serving Area (CSA) specifications, may be up to 12,000 feet long and may have up to 2,500 feet of bridged tap (inclusive of Loop length). It may be a 2-wire or 4-wire circuit and will come standard with a test point, OC, and a DLR.

2.3.6 4-wire Unbundled DS1 Digital Loop.

- 2.3.6.1 This is a designed 4-wire Loop that is provisioned according to industry standards for DS1 or Primary Rate ISDN services and will come standard with a test point, OC, and a DLR. A DS1 Loop may be provisioned over a variety of loop transmission technologies including copper, HDSL-based technology or fiber optic transport systems. It will include a 4-wire DS1 Network Interface at the End User's location. For purposes of this Agreement, including the transition of DS1 and DS3 Loops described in Section 2.1.4 above, DS1 Loops include 2-wire and 4-wire copper Loops capable of providing high-bit rate digital subscriber line services, such as 2-wire and 4-wire HDSL Compatible Loops.
- 2.3.6.2 BellSouth shall not provide more than ten (10) unbundled DS1 Loops to <<customer_short_name>> at any single building in which DS1 Loops are available as unbundled Loops.
- 2.3.7 4-wire Unbundled Digital/DS0 Loop. These are designed 4-wire Loops that may be configured as sixty-four (64)kbps, fifty-six (56)kbps, nineteen (19)kbps, and other sub-rate speeds associated with digital data services and will come standard with a test point, OC, and a DLR.
- 2.3.8 DS3 Loop. DS3 Loop is a two-point digital transmission path which provides for simultaneous two-way transmission of serial, bipolar, return-to-zero isochronous digital electrical signals at a transmission rate of forty-four point seven thirty-six (44.736) megabits per second (Mbps) that is dedicated to the use of the ordering CLEC in its provisioning of local exchange and associated exchange access services. It may provide transport for twenty-eight (28) DS1 channels, each of which provides the digital equivalent of twenty-four (24) analog voice grade channels. The interface to unbundled dedicated DS3 transport is a metallic-based electrical interface.
- 2.3.9 STS-1 Loop. STS-1 Loop is a high-capacity digital transmission path with SONET VT1.5 mapping that is dedicated for the use of the ordering customer for the purpose of provisioning local exchange and associated exchange access services. It is a two-point digital transmission path which provides for simultaneous two-way transmission of serial bipolar return-to-zero synchronous digital electrical signals at a transmission rate of fifty-one point eighty-four (51.84) Mbps. It may provide transport for twenty-eight (28) DS1 channels, each of which provides the digital equivalent of twenty-four (24) analog voice grade channels. The interface to unbundled dedicated STS-1 transport is a metallic-based electrical interface.
- 2.3.10 Both DS3 Loop and STS-1 Loop require a SI in order to ascertain availability.
- 2.3.11 DS3 services come with a test point and a DLR. Mileage is airline miles, rounded up and a minimum of one (1) mile applies. BellSouth's TR73501 LightGate[®] Service Interface and Performance Specifications, Issue D, June 1995 applies to DS3 services.

- 2.3.12 <<customer_short_name>> may obtain a maximum of a single Unbundled DS3 Loop to any single building in which DS3 Loops are available as Unbundled Loops.
- 2.4 Unbundled Copper Loops (UCL)
- 2.4.1 BellSouth shall make available UCLs. The UCL is a copper twisted pair Loop that is unencumbered by any intervening equipment (e.g., filters, load coils, range extenders, digital loop carrier, or repeaters) and is not intended to support any particular telecommunications service. The UCL will be offered in two (2) types - Designed and Non-Designed.
- 2.4.2 Unbundled Copper Loop – Designed (UCL-D)
- 2.4.2.1 The UCL-D will be provisioned as a dry copper twisted pair (2-wire or 4-wire) Loop that is unencumbered by any intervening equipment (e.g., filters, load coils, range extenders, digital loop carrier, or repeaters).
- 2.4.2.2 A UCL-D will be eighteen thousand (18,000) feet or less in length and is provisioned according to Resistance Design parameters, may have up to six thousand (6,000) feet of bridged tap and will have up to thirteen hundred (1300) Ohms of resistance.
- 2.4.2.3 The UCL-D is a designed circuit, is provisioned with a test point, and comes standard with a DLR. OC is a chargeable option for a UCL-D; however, OC is always required on UCLs where a reuse of existing facilities has been requested by <<customer_short_name>>.
- 2.4.2.4 These Loops are not intended to support any particular services and may be utilized by <<customer_short_name>> to provide a wide-range of telecommunications services as long as those services do not adversely affect BellSouth's network. This facility will include a Network Interface Device (NID) at the customer's location for the purpose of connecting the Loop to the customer's inside wire.
- 2.4.3 Unbundled Copper Loop – Non-Designed (UCL-ND)
- 2.4.3.1 The UCL-ND is provisioned as a dedicated 2-wire metallic transmission facility from BellSouth's Main Distribution Frame (MDF) to a customer's premises (including the NID). The UCL-ND will be a "dry copper" facility in that it will not have any intervening equipment such as load coils, repeaters, or digital access main lines (DAMLs), and may have up to six thousand (6,000) feet of bridged tap between the End User's premises and the serving wire center. The UCL-ND typically will be thirteen hundred (1300) Ohms resistance and in most cases will not exceed eighteen thousand (18,000) feet in length, although the UCL-ND will not have a specific length limitation. For Loops less than eighteen thousand (18,000) feet and with less than thirteen hundred (1300) Ohms resistance, the

Loop will provide a voice grade transmission channel suitable for loop start signaling and the transport of analog voice grade signals. The UCL-ND will not be designed and will not be provisioned with either a DLR or a test point.

- 2.4.3.2 The UCL-ND facilities may be mechanically assigned using BellSouth's assignment systems. Therefore, the Loop Makeup (LMU) process is not required to order and provision the UCL-ND. However, <<customer_short_name>> can request LMU for which additional charges would apply.
- 2.4.3.3 For an additional charge, BellSouth also will make available Loop Testing so that <<customer_short_name>> may request further testing on the UCL-ND. Rates for Loop Testing are as set forth in Exhibit A.
- 2.4.3.4 UCL-ND Loops are not intended to support any particular service and may be utilized by <<customer_short_name>> to provide a wide-range of telecommunications services as long as those services do not adversely affect BellSouth's network. The UCL-ND will include a NID at the customer's location for the purpose of connecting the Loop to the customer's inside wire.
- 2.4.3.5 OC will be provided as a chargeable option and may be utilized when the UCL-ND provisioning is associated with the reuse of BellSouth facilities. OC-TS does not apply to this product.
- 2.4.3.6 <<customer_short_name>> may use BellSouth's Unbundled Loop Modification (ULM) offering to remove excessive bridged taps and/or load coils from any copper Loop within the BellSouth network. Therefore, some Loops that would not qualify as UCL-ND could be transformed into Loops that do qualify, using the ULM process.
- 2.5 Unbundled Loop Modifications (Line Conditioning)
 - 2.5.1 Line Conditioning is defined as routine network modification that BellSouth regularly undertakes to provide xDSL services to its own customers. This may include the removal of any device, from a copper Loop or copper Subloop that may diminish the capability of the Loop or Subloop to deliver high-speed switched wireline telecommunications capability, including xDSL service. Such devices include, load coils, excessive bridged taps, low pass filters, and range extenders. Excessive bridged taps are bridged taps that serves no network design purpose and that are beyond the limits set according to industry standards and/or the BellSouth's TR73600 Unbundled Local Loop Technical Specification.
 - 2.5.2 BellSouth will remove load coils only on copper Loops and Subloops that are less than eighteen thousand (18,000) feet in length.
 - 2.5.3 For any copper loop being ordered by <<customer_short_name>> which has over six thousand (6,000) feet of combined bridged tap will be modified, upon request from <<customer_short_name>>, so that the loop will have a maximum of six

thousand (6,000) feet of bridged tap. This modification will be performed at no additional charge to <<customer_short_name>>. Loop conditioning orders that require the removal of bridged tap that serves no network design purpose on a copper Loop that will result in a combined total of bridged tap between two thousand five hundred (2,500) and six thousand (6,000) feet will be performed at the rates set forth in Exhibit A.

- 2.5.4 <<customer_short_name>> may request removal of any unnecessary and non-excessive bridged tap (bridged tap between zero (0) and two thousand five hundred (2,500) feet which serves no network design purpose), at rates pursuant to BellSouth's SC Process as mutually agreed to by the Parties.
- 2.5.5 Rates for ULM are as set forth in Exhibit A.
- 2.5.6 BellSouth will not modify a Loop in such a way that it no longer meets the technical parameters of the original Loop type (e.g., voice grade, ADSL, etc.) being ordered.
- 2.5.7 If <<customer_short_name>> requests ULM on a reserved facility for a new Loop order, BellSouth may perform a pair change and provision a different Loop facility in lieu of the reserved facility with ULM if feasible. The Loop provisioned will meet or exceed specifications of the requested Loop facility as modified. <<customer_short_name>> will not be charged for ULM if a different Loop is provisioned. For Loops that require a DLR or its equivalent, BellSouth will provide LMU detail of the Loop provisioned.
- 2.5.8 <<customer_short_name>> shall request Loop make up information pursuant to this Attachment prior to submitting a service inquiry and/or a LSR for the Loop type that <<customer_short_name>> desires BellSouth to condition.
- 2.5.9 When requesting ULM for a Loop that BellSouth has previously provisioned for <<customer_short_name>>, <<customer_short_name>> will submit a SI to BellSouth. If a spare Loop facility that meets the Loop modification specifications requested by <<customer_short_name>> is available at the location for which the ULM was requested, <<customer_short_name>> will have the option to change the Loop facility to the qualifying spare facility rather than to provide ULM. In the event that BellSouth changes the Loop facility in lieu of providing ULM, <<customer_short_name>> will not be charged for ULM but will only be charged the service order charges for submitting an order.
- 2.6 Loop Provisioning Involving IDLC
- 2.6.1 Where <<customer_short_name>> has requested an Unbundled Loop and BellSouth uses IDLC systems to provide the local service to the End User and BellSouth has a suitable alternate facility available, including, but not limited to, a hybrid loop pursuant to Section 2.1.3 above, BellSouth will make such alternative facilities available to <<customer_short_name>>. If a suitable alternative facility

is not available, then to the extent it is technically feasible, BellSouth will implement one of the following alternative arrangements for <<customer_short_name>> (e.g., hairpinning):

1. Roll the circuit(s) from the IDLC to any spare copper that exists to the customer premises.
2. Roll the circuit(s) from the IDLC to an existing DLC that is not integrated.
3. If capacity exists, provide "side-door" porting through the switch.
4. If capacity exists, provide "Digital Access Cross-Connect System (DACS)-door" porting (if the IDLC routes through a DACS prior to integration into the switch).

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

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

2.7 Network Interface Device

2.7.1 The NID is defined as any means of interconnection of the End User's customer premises wiring to BellSouth's distribution plant, such as a cross-connect device used for that purpose. The NID is a single line termination device or that portion of a multiple line termination device required to terminate a single line or circuit at the premises. The NID features two (2) independent chambers or divisions that separate the service provider's network from the End User's premises wiring. Each chamber or division contains the appropriate connection points or posts to which the service provider and the End User each make their connections. The NID provides a protective ground connection and is capable of terminating cables such as twisted pair cable.

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

2.7.3 Access to NID

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

2.7.3.1.1 BellSouth shall allow <<customer_short_name>> to connect its Loops directly to BellSouth's multi-line residential NID enclosures that have additional space and

are not used by BellSouth or any other telecommunications carriers to provide service to the premises;

- 2.7.3.1.2 Where an adequate length of the End User's customer premises wiring is present and environmental conditions permit, either Party may remove the End User premises wiring from the other Party's NID and connect such wiring to that Party's own NID;
- 2.7.3.1.3 Either Party may enter the subscriber access chamber or dual chamber NID enclosures for the purpose of extending a cross-connect or spliced jumper wire from the customer premises wiring through a suitable "punch-out" hole of such NID enclosures; or
- 2.7.3.1.4 <<customer_short_name>> may request BellSouth to make other rearrangements to the End User premises wiring terminations or terminal enclosure on a time and materials cost basis.
- 2.7.3.2 In no case shall either Party remove or disconnect the other Party's loop facilities from either Party's NIDs, enclosures, or protectors unless the applicable Commission has expressly permitted the same and the disconnecting Party provides prior notice to the other Party. In such cases, it shall be the responsibility of the Party disconnecting loop facilities to leave undisturbed the existing form of electrical protection and to maintain the physical integrity of the NID. It will be <<customer_short_name>>'s responsibility to ensure there is no safety hazard, and <<customer_short_name>> will hold BellSouth harmless for any liability associated with the removal of the BellSouth Loop from the BellSouth NID. Furthermore, it shall be the responsibility of the disconnecting Party, once the other Party's loop has been disconnected from the NID, to reconnect the disconnected loop to a nationally recognized testing laboratory listed station protector, which has been grounded as per Article 800 of the National Electrical Code. If no spare station protector exists in the NID, the disconnected loop must be appropriately cleared, capped and stored.
- 2.7.3.3 <<customer_short_name>> shall not remove or disconnect ground wires from BellSouth's NIDs, enclosures, or protectors.
- 2.7.3.4 <<customer_short_name>> shall not remove or disconnect NID modules, protectors, or terminals from BellSouth's NID enclosures.
- 2.7.3.5 Due to the wide variety of NID enclosures and outside plant environments, BellSouth will work with <<customer_short_name>> to develop specific procedures to establish the most effective means of implementing this section if the procedures set forth herein do not apply to the NID in question.

2.7.4 Technical Requirements

- 2.7.4.1 The NID shall provide an accessible point of interconnection and shall maintain a connection to ground.
- 2.7.4.2 If an existing NID is accessed, it shall be capable of transferring electrical analog or digital signals between the End User's customer premises and the distribution media and/or cross-connect to <<customer_short_name>>'s NID.
- 2.7.4.3 Existing BellSouth NIDs will be operational and provided in "as is" condition. <<customer_short_name>> may request BellSouth to do additional work to the NID on a time and material basis. When <<customer_short_name>> deploys its own local loops in a multiple-line termination device, <<customer_short_name>> shall specify the quantity of NID connections that it requires within such device.
- 2.8 Subloop Elements.
- 2.8.1 Where facilities permit, BellSouth shall offer access to its Unbundled Subloop (USL) elements as specified herein.
- 2.8.2 Unbundled Subloop Distribution (USLD)
- 2.8.2.1 The USLD facility is a dedicated transmission facility that BellSouth provides from an End User's point of demarcation to a BellSouth cross-connect device. The BellSouth cross-connect device may be located within a remote terminal (RT) or a stand-alone cross-box in the field or in the equipment room of a building. The USLD media is a copper twisted pair that can be provisioned as a 2-wire or 4-wire facility. BellSouth will make available the following subloop distribution offerings where facilities exist:
- USLD – Voice Grade (USLD-VG)
 - Unbundled Copper Subloop (UCSL)
 - USLD – Intrabuilding Network Cable (USLD-INC (aka riser cable))
- 2.8.2.2 USLD-VG is a copper subloop facility from the cross-box in the field up to and including the point of demarcation at the End User's premises and may have load coils.
- 2.8.2.3 UCSL is a copper facility eighteen thousand (18,000) feet or less in length provided from the cross-box in the field up to and including the End User's point of demarcation. If available, this facility will not have any intervening equipment such as load coils between the End User and the cross-box.
- 2.8.2.3.1 If <<customer_short_name>> requests a UCSL and it is not available, <<customer_short_name>> may request the copper Subloop facility be modified pursuant to the ULM process to remove load coils and/or excessive bridged taps. If load coils and/or excessive bridged taps are removed, the facility will be classified as a UCSL.

- 2.8.2.4 USLD-INC is the distribution facility owned or controlled by BellSouth inside a building or between buildings on the same property that is not separated by a public street or road. USLD-INC includes the facility from the cross-connect device in the building equipment room up to and including the point of demarcation at the End User's premises.
- 2.8.2.4.1 Upon request for USLD-INC from <<customer_short_name>>, BellSouth will install a cross-connect panel in the building equipment room for the purpose of accessing USLD-INC pairs from a building equipment room. The cross-connect panel will function as a single point of interconnection (SPOI) for USLD-INC and will be accessible by multiple carriers as space permits. BellSouth will place cross-connect blocks in twenty five (25) pair increments for <<customer_short_name>>'s use on this cross-connect panel. <<customer_short_name>> will be responsible for connecting its facilities to the twenty five (25) pair cross-connect block(s).
- 2.8.2.5 For access to Voice Grade USLD and UCSL, <<customer_short_name>> shall install a cable to the BellSouth cross-box pursuant to the terms and conditions for physical collocation for remote sites set forth in Attachment 4. This cable would be connected by a BellSouth technician within the BellSouth cross-box during the set-up process. <<customer_short_name>>'s cable pairs can then be connected to BellSouth's USL within the BellSouth cross-box by the BellSouth technician.
- 2.8.2.6 Through the SI process, BellSouth will determine whether access to USLs at the location requested by <<customer_short_name>> is technically feasible and whether sufficient capacity exists in the cross-box. If existing capacity is sufficient to meet <<customer_short_name>>'s request, then BellSouth will perform the site set-up as described in the CLEC Information Package, located at BellSouth's Interconnection Web site:
www.interconnection.bellsouth.com/products/html/unec.html.
- 2.8.2.7 The site set-up must be completed before <<customer_short_name>> can order Subloop pairs. For the site set-up in a BellSouth cross-connect box in the field, BellSouth will perform the necessary work to splice <<customer_short_name>>'s cable into the cross-connect box. For the site set-up inside a building equipment room, BellSouth will perform the necessary work to install the cross-connect panel and the connecting block(s) that will be used to provide access to the requested USLs.
- 2.8.2.8 Once the site set-up is complete, <<customer_short_name>> will request Subloop pairs through submission of a LSR form to the LCSC. OC is required with USL pair provisioning when <<customer_short_name>> requests reuse of an existing facility, and the OC charge shall be billed in addition to the USL pair rate. For expedite requests by <<customer_short_name>> for Subloop pairs, expedite charges will apply for intervals less than five (5) days.

- 2.8.2.9 USLs will be provided in accordance with BellSouth's TR73600 Unbundled Local Loop Technical Specifications.
- 2.8.3 Unbundled Network Terminating Wire (UNTW)
- 2.8.3.1 UNTW is unshielded twisted copper wiring that is used to extend circuits from an intra-building network cable terminal or from a building entrance terminal to an individual End User's point of demarcation. It is the final portion of the Loop that in multi-subscriber configurations represents the point at which the network branches out to serve individual subscribers.
- 2.8.3.2 This element will be provided in MDUs and/or Multi-Tenants Units (MTUs) where either Party owns wiring all the way to the End User's premises. Neither Party will provide this element in locations where the property owner provides its own wiring to the End User's premises, where a third party owns the wiring to the End User's premises.
- 2.8.3.3 Requirements
- 2.8.3.3.1 On a multi-unit premises, upon request of the other Party (Requesting Party), the Party owning the network terminating wire (Provisioning Party) will provide access to UNTW pairs on an Access Terminal that is suitable for use by multiple carriers at each Garden Terminal or Wiring Closet.
- 2.8.3.3.2 The Provisioning Party shall not be required to install new or additional NTW beyond existing NTW to provision the services of the Requesting Party.
- 2.8.3.3.3 In existing MDUs and/or MTUs in which BellSouth does not own or control wiring (INC/NTW) to the End Users premises, and <<customer_short_name>> does own or control such wiring, <<customer_short_name>> will install UNTW Access Terminals for BellSouth under the same terms and conditions as BellSouth provides UNTW Access Terminals to <<customer_short_name>>.
- 2.8.3.3.4 In situations in which BellSouth activates a UNTW pair, BellSouth will compensate <<customer_short_name>> for each pair activated commensurate to the price specified in <<customer_short_name>>'s Agreement.
- 2.8.3.3.5 Upon receipt of the UNTW SI requesting access to the Provisioning Party's UNTW pairs at a multi-unit premises, representatives of both Parties will participate in a meeting at the site of the requested access. The purpose of the site visit will include discussion of the procedures for installation and location of the Access Terminals. By request of the Requesting Party, an Access Terminal will be installed either adjacent to each of the Provisioning Party's Garden Terminal or inside each Wiring Closet. The Requesting Party will deliver and connect its central office facilities to the UNTW pairs within the Access Terminal. The Requesting Party may access any available pair on an Access Terminal. A pair is available when a pair is not being utilized to provide service or where the End

User has requested a change in its local service provider to the Requesting Party. Prior to connecting the Requesting Party's service on a pair previously used by the Provisioning Party, the Requesting Party is responsible for ensuring the End User is no longer using the Provisioning Party's service or another CLEC's service before accessing UNTW pairs.

- 2.8.3.3.6 Access Terminal installation intervals will be established on an individual case basis.
- 2.8.3.3.7 The Requesting Party is responsible for obtaining the property owner's permission for the Provisioning Party to install an Access Terminal(s) on behalf of the Requesting Party. The submission of the SI by the Requesting Party will serve as certification by the Requesting Party that such permission has been obtained. If the property owner objects to Access Terminal installations that are in progress or within thirty (30) days after completion and demands removal of Access Terminals, the Requesting Party will be responsible for costs associated with removing Access Terminals and restoring the property to its original state prior to Access Terminals being installed.
- 2.8.3.3.8 The Requesting Party shall indemnify and hold harmless the Provisioning Party against any claims of any kind that may arise out of the Requesting Party's failure to obtain the property owner's permission. The Requesting Party will be billed for nonrecurring and recurring charges for accessing UNTW pairs at the time the Requesting Party activates the pair(s). The Requesting Party will notify the Provisioning Party within five (5) business days of activating UNTW pairs using the LSR form.
- 2.8.3.3.9 If a trouble exists on a UNTW pair, the Requesting Party may use an alternate spare pair that serves that End User if a spare pair is available. In such cases, the Requesting Party will re-terminate its existing jumper from the defective pair to the spare pair. Alternatively, the Requesting Party will isolate and report troubles in the manner specified by the Provisioning Party. The Requesting Party must tag the UNTW pair that requires repair. If the Provisioning Party dispatches a technician on a reported trouble call and no UNTW trouble is found, the Provisioning Party will charge Requesting Party for time spent on the dispatch and testing the UNTW pair(s).
- 2.8.3.3.10 If the Requesting Party initiates the Access Terminal installation and the Requesting Party has not activated at least ten percent (10%) of the capacity of the Access Terminal installed pursuant to the Requesting Party's request for an Access Terminal within six (6) months of installation of the Access Terminal, the Provisioning Party will bill the Requesting Party a nonrecurring charge equal to the actual cost of provisioning the Access Terminal.
- 2.8.3.3.11 If the Provisioning Party determines that the Requesting Party is using the UNTW pairs without reporting the activation of the pairs, the Requesting Party will be

billed for the use of that pair back to the date the End User began receiving service from the Requesting Party at that location. Upon request, the Requesting Party will provide copies of its billing record to substantiate such date. If the Requesting Party fails to provide such records, then the Provisioning Party will bill the Requesting Party back to the date of the Access Terminal installation.

2.8.4 Dark Fiber Loop

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

2.8.4.2 Transition for Dark Fiber Loop

2.8.4.2.1 For purposes of this Section 2.8.4, the Transition Period for Dark Fiber Loops is the eighteen (18) month period beginning March 11, 2005 and ending September 10, 2006.

2.8.4.2.2 For purposes of this Section 2.8.4, Embedded Base means Dark Fiber Loops that were in service for <<customer_short_name>> as of March 10, 2005. Subsequent disconnects or loss of End Users shall be removed from the Embedded Base.

2.8.4.3 During the Transition Period only, BellSouth shall make available for the Embedded Base Dark Fiber Loops for <<customer_short_name>> at the terms and conditions set forth in this Attachment.

2.8.4.4 Notwithstanding the Effective Date of this Agreement, the rates for <<customer_short_name>>'s Embedded Base of Dark Fiber Loops during the Transition Period shall be as set forth in Exhibit A.

2.8.4.5 The Transition Period shall apply only to <<customer_short_name>>'s Embedded Base and <<customer_short_name>> shall not add new Dark Fiber Loops pursuant to this Agreement.

2.8.4.6 Effective September 11, 2006, Dark Fiber Loops will no longer be made available pursuant to this Agreement.

2.8.4.7 No later than June 10, 2006 <<customer_short_name>> shall submit spreadsheet(s) identifying all of the Embedded Base of circuits to be either disconnected or converted to other BellSouth services as Conversions pursuant to Section 1.6 above. The Parties shall negotiate a project schedule for the Conversion of the Embedded Base.

- 2.8.4.7.1 If <<customer_short_name>> fails to submit the spreadsheet(s) specified in Section 2.8.4.7 above for all of its Embedded Base prior to June 10, 2006, BellSouth will identify <<customer_short_name>>'s remaining Embedded Base, if any, and will transition such circuits to the equivalent tariffed BellSouth service(s). Those circuits identified and transitioned by BellSouth pursuant to this Section 2.8.4.7.1 shall be subject to all applicable disconnect charges as set forth in this Agreement and the full nonrecurring charges for installation of the equivalent tariffed BellSouth service as set forth in BellSouth's tariffs.
- 2.8.4.7.2 For Embedded Base circuits converted pursuant to Section 2.8.4.7 above or transitioned pursuant to Section 2.8.4.7.1 above, the applicable recurring tariff charge shall apply to each circuit as of the earlier of the date each circuit is converted or transitioned, as applicable, or September 11, 2006.
- 2.9 Loop Makeup
- 2.9.1 Description of Service
- 2.9.1.1 BellSouth shall make available to <<customer_short_name>> LMU information with respect to Loops that are required to be unbundled under this Agreement so that <<customer_short_name>> can make an independent judgment about whether the Loop is capable of supporting the advanced services equipment <<customer_short_name>> intends to install and the services <<customer_short_name>> wishes to provide. LMU is a preordering transaction, distinct from <<customer_short_name>> ordering any other service(s). Loop Makeup Service Inquiries (LMUSI) and mechanized LMU queries for preordering LMU are likewise unique from other preordering functions with associated SIs as described in this Agreement.
- 2.9.1.2 BellSouth will provide <<customer_short_name>> LMU information consisting of the composition of the Loop material (copper/fiber); the existence, location and type of equipment on the Loop, including but not limited to digital loop carrier or other remote concentration devices, feeder/distribution interfaces, bridged taps, load coils, pair-gain devices; the Loop length; the wire gauge and electrical parameters.
- 2.9.1.3 BellSouth's LMU information is provided to <<customer_short_name>> as it exists either in BellSouth's databases or in its hard copy facility records. BellSouth does not guarantee accuracy or reliability of the LMU information provided.
- 2.9.1.4 BellSouth's provisioning of LMU information to the requesting CLEC for facilities is contingent upon either BellSouth or the requesting CLEC controlling the Loop(s) that serve the service location for which LMU information has been requested by the CLEC. The requesting CLEC is not authorized to receive LMU information on a facility used or controlled by another CLEC unless BellSouth

receives a LOA from the voice CLEC (owner) or its authorized agent on the LMUSI submitted by the requesting CLEC.

- 2.9.1.5 <<customer_short_name>> may choose to use equipment that it deems will enable it to provide a certain type and level of service over a particular BellSouth Loop as long as that equipment does not disrupt other services on the BellSouth network. The determination shall be made solely by <<customer_short_name>> and BellSouth shall not be liable in any way for the performance of the advanced data services provisioned over said Loop. The specific Loop type (e.g., ADSL, HDSL, or otherwise) ordered on the LSR must match the LMU of the Loop reserved taking into consideration any requisite line conditioning. The LMU data is provided for informational purposes only and does not guarantee <<customer_short_name>>'s ability to provide advanced data services over the ordered Loop type. Furthermore, the LMU information for Loops other than copper-only Loops (e.g., ADSL, UCL-ND, etc.) that support xDSL services, is subject to change at any time due to modifications and/or upgrades to BellSouth's network. Except as set forth in Section 2.9.1.6 below, copper-only Loops will not be subject to change due to modification and/or upgrades to BellSouth's network and will remain on copper facilities until the Loop is disconnected by <<customer_short_name>> or the End User, or until BellSouth retires the copper facilities via the FCC's and any applicable Commission's requirements. <<customer_short_name>> is fully responsible for any of its service configurations that may differ from BellSouth's technical standard for the Loop type ordered.
- 2.9.1.6 If BellSouth retires its copper facilities using 47 C.F.R § 52.325(a) requirements; or is required by a governmental agency or regulatory body to move or replace copper facilities as a maintenance procedure, BellSouth will notify <<customer_short_name>>, according to the applicable network disclosure requirements. It will be <<customer_short_name>>'s responsibility to move any service it may provide over such facilities to alternative facilities. If <<customer_short_name>> fails to move the service to alternative facilities by the date in the network disclosure notice, BellSouth may terminate the service to complete the network change.
- 2.9.2 Submitting LMUSI
- 2.9.2.1 <<customer_short_name>> may obtain LMU information and reserve facilities by submitting a mechanized LMU query or a manual LMUSI according to the terms and conditions as described in the LMU CLEC Information Package, incorporated herein by reference as it may be amended from time to time. The CLEC Information Package is located at the "CLEC UNE Product" on the BellSouth Interconnection Web site:
www.interconnection.bellsouth.com/guides/html/unes.html. After obtaining the Loop information from the mechanized LMU process, if <<customer_short_name>> needs further Loop information in order to determine

Loop service capability, <<customer_short_name>> may initiate a separate Manual SI for a separate nonrecurring charge as set forth in Exhibit A.

- 2.9.2.2 All LSRs issued for reserved facilities shall reference the facility reservation number as provided by BellSouth. <<customer_short_name>> will not be billed any additional LMU charges for the Loop ordered on such LSR. If, however, <<customer_short_name>> does not reserve facilities upon an initial LMUSI, <<customer_short_name>>'s placement of an order for an advanced data service type facility will incur the appropriate billing charges to include SI and reservation per Exhibit A.
- 2.9.2.3 Where <<customer_short_name>> has reserved multiple Loop facilities on a single reservation, <<customer_short_name>> may not specify which facility shall be provisioned when submitting the LSR. For those occasions, BellSouth will assign to <<customer_short_name>>, subject to availability, a facility that meets the BellSouth technical standards of the BellSouth type Loop as ordered by <<customer_short_name>>.
- 2.9.2.4 Charges for preordering manual LMUSI or mechanized LMU are separate from any charges associated with ordering other services from BellSouth.

3 Line Splitting

- 3.1 Line splitting shall mean that a provider of data services (a Data LEC) and a provider of voice services (a Voice CLEC) cooperate to deliver voice and data service to End Users over the same Loop. The Voice CLEC and Data LEC may be the same or different carriers.
- 3.2 Line Splitting – UNE-L. In the event <<customer_short_name>> provides its own switching or obtains switching from a third party, <<customer_short_name>> may engage in line splitting arrangements with another CLEC using a splitter, provided by <<customer_short_name>>, in a Collocation Space at the central office where the loop terminates into a distribution frame or its equivalent.
- 3.3 Line Splitting –Loop and UNE Port (UNE-P)
- 3.3.1 To the extent <<customer_short_name>> is purchasing UNE-P pursuant to this Agreement, BellSouth will permit <<customer_short_name>> to replace UNE-P with Line Splitting. The UNE-P arrangement will be converted to a stand-alone Loop, a Network Element switch port, two (2) collocation cross-connects and the high frequency spectrum line activation. The resulting arrangement shall continue to be included in <<customer_short_name>>'s Embedded Base as described in Section 5.4.3.2 below.
- 3.3.2 <<customer_short_name>> shall provide BellSouth with a signed LOA between it and the Data LEC or Voice CLEC with which it desires to provision Line

Splitting services, if <<customer_short_name>> will not provide voice and data services.

- 3.3.3 Line Splitting arrangements in service pursuant to this Section 3.3 must be disconnected or provisioned pursuant to Section 3.2 above on or before March 10, 2006.

3.4 Provisioning Line Splitting and Splitter Space – UNE-P

- 3.4.1 The Data LEC, Voice CLEC or BellSouth may provide the splitter. When <<customer_short_name>> or its authorized agent owns the splitter, Line Splitting requires the following: a non-designed analog Loop from the serving wire center to the NID at the End User's location; a collocation cross-connection connecting the Loop to the collocation space; a second collocation cross-connection from the collocation space connected to a voice port; the high frequency spectrum line activation, and a splitter. When BellSouth owns the splitter, Line Splitting requires the following: a non-designed analog Loop from the serving wire center to the NID at the End User's location with CFA and splitter port assignments, and a collocation cross-connection from the collocation space connected to a voice port.

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

- 3.4.3 The foregoing procedures are applicable to migration from a UNE-P arrangement to Line Splitting Service.

3.5 Provisioning Line Splitting and Splitter Space – UNE-L

- 3.5.1 The Voice CLEC provides the splitter when providing Line Splitting with UNE-L. When <<customer_short_name>> owns the splitter, Line Splitting requires the following: a loop from NID at the End User's location to the serving wire center and terminating into a distribution frame or its equivalent.

3.6 CLEC Provided Splitter – Line Splitting – UNE-P and UNE-L

- 3.6.1 To order High Frequency Spectrum on a particular Loop, <<customer_short_name>> must have a DSLAM collocated in the central office that serves the End User of such Loop.

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

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

3.7 Maintenance – Line Splitting – UNE-P and UNE-L

3.7.1 BellSouth will be responsible for repairing voice troubles and the troubles with the physical loop between the NID at the End User's premises and the termination point.

3.7.2 <<customer_short_name>> shall indemnify, defend and hold harmless BellSouth from and against any claims, losses, actions, causes of action, suits, demands, damages, injury, and costs including reasonable attorney fees, which arise out of actions related to the other service provider, except to the extent caused by BellSouth's gross negligence or willful misconduct.

4 Local Switching

4.1 Notwithstanding anything to the contrary in this Agreement, the services offered pursuant to this Section 4 are limited to DS0 level Local Switching and BellSouth is not required to provide Local Switching pursuant to this Agreement except as set forth in Section 4.2 below.

4.1.1 BellSouth shall not be required to unbundle local circuit switching for <<customer_short_name>> for a particular End User when <<customer_short_name>>: (1) serves an End User with four (4) or more voice-grade (DS0) equivalents or lines served by BellSouth in Zone 1 of the following MSAs: Atlanta, GA; Miami, FL; Orlando, FL; Ft. Lauderdale, FL; Charlotte-Gastonia-Rock Hill, NC; Greensboro-Winston Salem-High Point, NC; Nashville, TN; and New Orleans, LA; or (2) serves an End User with a DS1 or higher capacity Loop in any service area covered by this Agreement. To the extent that <<customer_short_name>> is serving any End User as described above as of the Effective Date of this Agreement, such End User's arrangement may not remain in place and such Arrangement must be terminated by <<customer_short_name>> or transitioned by <<customer_short_name>>, or BellSouth shall disconnect such Arrangements upon thirty (30) days notice.

4.2 Transition for Local Switching

4.2.1 For purposes of this Section 4, the Transition Period for the Embedded Base of Local Switching is the twelve (12) month period beginning March 11, 2005 and ending March 10, 2006.

4.2.2 For the purposes of this Section 4, Embedded Base shall mean Local Switching and any additional elements that are required to be provided in conjunction therewith that were in service for <<customer_short_name>> as of

March 10, 2005. Subsequent disconnects or loss of End Users shall be removed from the Embedded Base.

4.2.3 During the Transition Period only, BellSouth shall make Local Switching available for the Embedded Base, in addition to all elements that are required to be provided in conjunction with Local Switching, at the rates, terms and conditions set forth in this Attachment. The Transition Period shall apply only to <<customer_short_name>>'s Embedded Base and <<customer_short_name>> shall not place new orders for Local Switching pursuant to this Agreement.

4.2.4 Notwithstanding the Effective Date of this Agreement, the rates for <<customer_short_name>>'s Embedded Base of Local Switching during the Transition Period shall be as set forth in Exhibit A.

4.2.5 <<customer_short_name>> must submit orders, to disconnect or convert all of its Embedded Base of Local Switching to other BellSouth services as Conversions pursuant to Section 1.6 above by October 1, 2005.

4.2.5.1 If <<customer_short_name>> fails to submit orders to disconnect or convert all of its Embedded Base of Local Switching as specified in Section 4.2.5 above prior to October 1, 2005, BellSouth will identify <<customer_short_name>>'s remaining Embedded Base of Local Switching and will disconnect such Local Switching. Those circuits identified and disconnected by BellSouth shall be subject to the applicable disconnect charges as set forth in this Agreement.

4.2.6 Effective March 11, 2006, Local Switching will no longer be made available pursuant to this Agreement.

4.3 Local Switching Capability, including Tandem Switching Capability

4.3.1 Local Switching capability is defined as all line-side and trunk-side facilities, plus the features, functions, and capabilities of the switch. The features, functions, and capabilities of the switch shall include the basic switching function of connecting lines to lines, lines to trunks, trunks to lines, and trunks to trunks. Local Switching includes all vertical features that the switch is capable of providing, including custom calling, custom local area signaling service features, and Centrex, as well as any technically feasible customized routing functions.

4.3.2 Unbundled local switching consists of three separate components: Unbundled Ports, End Office Switching Functionality, and End Office Interoffice Trunk Ports.

4.3.3 Unbundled Local Switching combined with Common Transport and, if necessary, Tandem Switching provides to <<customer_short_name>>'s End User local calling and the ability to presubscribe to a primary carrier for intraLATA and/or to presubscribe to a primary carrier for interLATA toll service.

- 4.3.4 Provided that <<customer_short_name>> has obtained unbundled Local Switching from BellSouth and uses the BellSouth Carrier Identification Code (CIC) for its End Users' Local Preferred Interexchange Carrier (LPIC) or if a BellSouth local End User selects BellSouth as its LPIC, then the Parties will consider as local any calls originated by a <<customer_short_name>> local End User, or originated by a BellSouth local End User and terminated to a <<customer_short_name>> local End User, where such calls originate and terminate in the same LATA, except for those calls originated and terminated through switched access arrangements (i.e., calls that are transported by a Party other than BellSouth). For such calls, BellSouth will charge <<customer_short_name>> the Network Elements for the BellSouth facilities utilized. Neither Party shall bill the other originating or terminating switched access charges for such calls. Inter-carrier compensation for local calls between BellSouth and <<customer_short_name>> shall be as described in BellSouth's UNE Local Call Flows set forth on BellSouth's Interconnection Web site: www.interconnection.bellsouth.com/products/docs.
- 4.3.5 Where <<customer_short_name>> has obtained unbundled Local Switching from BellSouth but does not use the BellSouth CIC for its End Users' LPIC, BellSouth will consider as local those direct dialed telephone calls that originate from a <<customer_short_name>> End User and terminate within the basic local calling area or within the extended local calling areas and that are dialed using seven (7) or ten (10) digits as defined and specified in Section A3 of BellSouth's General Subscriber Services Tariffs (GSST). For such local calls, BellSouth will charge <<customer_short_name>> the Network Elements for the BellSouth facilities utilized. Inter-carrier compensation for local calls between BellSouth and <<customer_short_name>> shall be as described in BellSouth's UNE Local Call Flows set forth on BellSouth's Interconnection Web site at www.interconnection.bellsouth.com/products/docs.
- 4.3.6 For any calls that originate and terminate through switched access arrangements (i.e., calls that are transported by a party other than BellSouth), BellSouth shall bill <<customer_short_name>> the Network Elements for the BellSouth facilities utilized. Each Party may bill the toll provider originating or terminating switched access charges as appropriate.
- 4.3.7 Unbundled Ports may or may not include individual features. Where applicable and available, non-switch-based services may be ordered with the Unbundled Port at BellSouth's retail rates.
- 4.3.8 Any features that are not currently available but are technically feasible through the switch can be requested through the BFR/NBR Process as set forth in Attachment 11.
- 4.3.9 BellSouth will provide to <<customer_short_name>> selective routing of calls to a requested Operator System platform pursuant to this Agreement. Any other

routing requests by <<customer_short_name>> will be made pursuant to the BFR/NBR Process as set forth in Attachment 11.

- 4.3.10 BellSouth shall perform routine testing (e.g., Mechanized Loop Tests (MLT) and test calls such as 105, 107 and 108 type calls) and fault isolation on a mutually agreed upon schedule.
- 4.3.11 BellSouth shall control congestion points such as those caused by radio station call-ins and network routing abnormalities. All traffic shall be restricted in a non-discriminatory manner.
- 4.3.12 BellSouth shall perform manual call trace and permit customer originated call trace. BellSouth shall provide Switching Service Point (SSP) capabilities and signaling software to interconnect the signaling links destined to the Signaling Transfer Point Switch (STPS). These capabilities shall adhere to the technical specifications set forth in the applicable industry standard technical references.
- 4.3.13 BellSouth shall provide interfaces to adjuncts through Telcordia standard interfaces. These adjuncts can include, but are not limited to, the Service Circuit Node and Automatic Call Distributors. BellSouth shall offer to <<customer_short_name>> all Advanced Intelligent Network (AIN) triggers in connection with its Service Creation Environment and Service Management System (SCE/SMS) offering.
- 4.3.14 BellSouth shall provide access to SS7 Signaling Network or Multi-Frequency trunking if requested by <<customer_short_name>>.
- 4.3.15 BellSouth shall provide the following Local Switching interfaces:
 - 4.3.15.1 Standard Tip/Ring interface including loopstart or groundstart, on-hook signaling (e.g., for calling number, calling name and message waiting lamp);
 - 4.3.15.2 Coin phone signaling;
 - 4.3.15.3 Basic Rate Interface ISDN adhering to appropriate Telcordia Technical Requirements;
 - 4.3.15.4 2-wire analog interface to PBX;
 - 4.3.15.5 4-wire analog interface to PBX; and
 - 4.3.15.6 Loops adhering to Telcordia TR-NWT-08 and TR-NWT-303 specifications to interconnect Digital Loop Carriers.
- 4.3.16 <<customer_short_name>> shall maintain the individual telephone number and the correct corresponding address/location data, including maintaining the End

User listed address as the actual physical End User location in the E911 ALI Database.

- 4.3.17 <<customer_short_name>> will be responsible and liable for any errors resulting from the submission of invalid telephone number and address/location data for the <<customer_short_name>>'s End Users.

4.4 Common (Shared) Transport.

- 4.4.1 Common (Shared) Transport, defined as transmission facilities shared by more than one carrier, including BellSouth, between end office switches, between end office switches and tandem switches, and between tandem switches, in BellSouth's network. Where BellSouth Network Elements are connected by intraoffice wiring, such wiring is provided as part of the Network Element and is not Common (Shared) Transport.

- 4.4.2 Notwithstanding any other provision of this Agreement, BellSouth will only provide unbundled access to Common (Shared) Transport to the extent BellSouth is required to provide and is providing Local Switching to <<customer_short_name>>.

4.4.3 Technical Requirements of Common (Shared) Transport

- 4.4.3.1 Common (Shared) Transport provided on DS1, DS3, and STS-1 circuits shall at a minimum meet the performance, availability, jitter, and delay requirements specified for Central Office to Central Office (CO to CO) connections in the applicable industry standards.
- 4.4.3.2 BellSouth shall be responsible for the engineering, provisioning, and maintenance of the underlying equipment and facilities that are used to provide Common (Shared) Transport.
- 4.4.3.3 At a minimum, Common (Shared) Transport shall meet all of the requirements set forth in the applicable industry standards.

4.5 Tandem Switching

- 4.5.1 The Tandem Switching capability Network Element is defined as:
(i) trunk-connect facilities, which include, but are not limited to, the connection between trunk termination at a cross-connect panel and switch trunk card; (ii) the basic switch trunk function of connecting trunks to trunks; and (iii) the functions that are centralized in the Tandem Switches (as distinguished from separate end office switches), including but not limited to call recording, the routing of calls to operator services and signaling conversion features.
- 4.5.2 Where <<customer_short_name>> utilizes portions of the BellSouth network in originating or terminating traffic, the Tandem Switching rates are applied in call

scenarios where the Tandem Switching Network Element has been utilized. Because switch recordings cannot accurately indicate on a per call basis when the Tandem Switching Network Element has been utilized for an interoffice call originating from a UNE port and terminating to a BellSouth, ICO or Facility-Based CLEC office, BellSouth has developed, based upon call studies, a melded rate that takes into account the average percentage of calls that utilize Tandem Switching in these scenarios. BellSouth shall apply the melded Tandem Switching rate for every call in these scenarios. BellSouth shall utilize the melded Tandem Switching Rate until BellSouth has the capability to measure actual Tandem Switch usage in each call scenario specifically mentioned above, at which point the rate for the actual Tandem Switch usage shall apply. The UNE Local Call Flows set forth on BellSouth's Interconnection Web site: www.interconnection.bellsouth.com/products/docs, illustrate when the full or melded Tandem Switching rates apply for specific scenarios.

4.5.3 Technical Requirements

- 4.5.3.1 Tandem Switching shall have the same capabilities or equivalent capabilities as those described in Telcordia TR-TSY-000540 Issue 2R2, Tandem Supplement, June 1, 1990. The requirements for Tandem Switching include but are not limited to the following:
 - 4.5.3.1.1 Tandem Switching shall provide signaling to establish a tandem connection;
 - 4.5.3.1.2 Tandem Switching will provide screening as jointly agreed to by <<customer_short_name>> and BellSouth;
 - 4.5.3.1.3 Where applicable, Tandem Switching shall provide AIN triggers supporting AIN features where such routing is not available from the originating end office switch, to the extent such Tandem switch has such capability;
 - 4.5.3.1.4 Where applicable, Tandem Switching shall provide access to Toll Free number database;
 - 4.5.3.1.5 Tandem Switching shall provide connectivity to Public Safety Answering Point (PSAP)s where 911 solutions are deployed and the tandem is used for 911; and
 - 4.5.3.1.6 Where appropriate, Tandem Switching shall provide connectivity for the purpose of routing transit traffic to and from other carriers.
- 4.5.3.2 BellSouth may perform testing and fault isolation on the underlying switch that is providing Tandem Switching. Such testing shall be testing routinely performed by BellSouth. The results and reports of the testing shall be made available to <<customer_short_name>>.
- 4.5.3.3 BellSouth shall control congestion points and network abnormalities. All traffic will be restricted in a non-discriminatory manner.

- 4.5.3.4 Tandem Switching shall process originating toll free traffic received from <<customer_short_name>>'s local switch.
- 4.5.3.5 In support of AIN triggers and features, Tandem Switching shall provide SSP capabilities when these capabilities are not available from the Local Switching Network Element to the extent such Tandem Switch has such capability.
- 4.5.4 Upon <<customer_short_name>>'s purchase of overflow trunk groups, Tandem Switching shall provide an alternate routing pattern for <<customer_short_name>>'s traffic overflowing from direct end office high usage trunk groups.
- 4.6 Remote Call Forwarding (URCF)
- 4.6.1 As an option, BellSouth shall make available to <<customer_short_name>> an unbundled port with Remote Call Forwarding capability. URCF service combines the functionality of unbundled Local Switching, Tandem Switching and common transport to forward calls from the URCF service telephone number (the number dialed by the calling party) to another telephone number selected by the URCF service subscriber. <<customer_short_name>> must ensure that the following conditions are satisfied:
- 4.6.1.1 the End User of the forward-to number (service) agrees to receive calls forwarded using the URCF service (if such End User is different from the URCF service End User);
- 4.6.1.2 the forward-to number (service) is equipped with sufficient capacity to receive the volume of calls that will be generated from the URCF service;
- 4.6.1.3 the URCF service will not be utilized to forward calls to another URCF or similar service; and
- 4.6.1.4 the forward-to number (service) is not a public safety number (e.g., 911, fire or police number).
- 4.6.2 In addition to the charge for the URCF service port, BellSouth shall charge <<customer_short_name>> the rates set forth in Exhibit A for unbundled Local Switching, Tandem Switching, and Common Transport, including all associated usage incurred for calls from the URCF service telephone number (the number dialed by the calling party) to the forward-to number (service).
- 4.7 AIN Selective Carrier Routing for OS, DA and Repair Centers
- 4.7.1 Where BellSouth provides Local Switching to <<customer_short_name>>, BellSouth will provide AIN Selective Carrier Routing (AIN SCR) at the request of <<customer_short_name>>. AIN SCR will provide <<customer_short_name>> with the capability of routing operator calls, 0+ and

0- and 0+ NPA Local Numbering Plan Area (LNPA), 555-1212 directory assistance, 1+411 directory assistance and 611 repair center calls to pre-selected destinations.

- 4.7.2 <<customer_short_name>> shall order AIN SCR through its Account Team and/or Local Contract Manager. AIN SCR must first be established regionally and then on a per central office per state basis.
- 4.7.3 AIN SCR is not available in DMS 10 switches.
- 4.7.4 Where AIN SCR is utilized by <<customer_short_name>>, the routing of <<customer_short_name>>'s End User calls shall be pursuant to information provided by <<customer_short_name>> and stored in BellSouth's AIN SCR Service Control Point database. AIN SCR shall utilize a set of Line Class Codes (LCCs) unique to a basic class of service assigned on an "as needed" basis. The same LCCs will be assigned in each central office where AIN SCR is established.
- 4.7.5 Upon ordering AIN SCR Regional Service, <<customer_short_name>> shall remit to BellSouth the nonrecurring Regional Service Order charge set forth in Exhibit A. There shall be a nonrecurring End Office Establishment Charge as set forth in Exhibit A, per office, due at the addition of each central office where AIN SCR will be utilized. For each <<customer_short_name>> End User activated, there shall be a nonrecurring End User Establishment charge as set forth in Exhibit A. <<customer_short_name>> shall pay the AIN SCR Per Query Charge set forth in Exhibit A.
- 4.7.6 This nonrecurring Regional Service Order charge will be non-refundable and will be paid with one half due up-front with the submission of all fully completed required forms including: Regional SCR Order Request-Form A, Central Office AIN SCR Order Request - Form B, AIN SCR Central Office Identification Form - Form C, AIN SCR Routing Options Selection Form - Form D, and Routing Combinations Table - Form E. BellSouth has thirty (30) days to respond to <<customer_short_name>>'s fully completed firm order as a Regional Service Order. With the delivery of this firm order response to <<customer_short_name>>, BellSouth considers that the delivery schedule of this service commences. The remaining half of the nonrecurring Regional Service Order payment must be paid when at least ninety percent (90%) of the Central Offices listed on the original order have been turned up for the service.
- 4.7.7 The nonrecurring End Office Establishment charge will be billed to <<customer_short_name>> following BellSouth's normal monthly billing cycle for this type of order.
- 4.7.8 End-User Establishment Orders will not be turned-up until the second payment is received for the Regional Service Order. The nonrecurring End Office Establishment charges will be billed to <<customer_short_name>> following BellSouth's normal monthly billing cycle for this type of order.

- 4.7.9 Additionally, the AIN SCR Per Query Charge will be billed to <<customer_short_name>> following the normal billing cycle for per query charges.
- 4.7.10 All other network components needed, (i.e., unbundled switching, unbundled local transport, etc.) will be billed per contracted rates.
- 4.8 Selective Call Routing Using Line Class Codes (SCR-LCC)
- 4.8.1 Where <<customer_short_name>> has purchased unbundled Local Switching from BellSouth and utilizes an operator services provider other than BellSouth, BellSouth will route <<customer_short_name>>'s End User calls to that provider through Selective Call Routing.
- 4.8.2 SCR-LCC provides the capability for <<customer_short_name>> to have its Operator Call Processing/Directory Assistance (OCP/DA) calls routed to BellSouth's OCP/DA platform for BellSouth provided Custom Branded or Unbranded OCP/DA or to its own or an alternate OCP/DA platform for Self-Branded OCP/DA. SCR-LCC is only available if capacity is available in the requested BellSouth end office switches.
- 4.8.3 Custom Branding for DA is not available for certain classes of service, including but not limited to Hotel/Motel services, WATS service, and certain PBX services.
- 4.8.4 Where available, <<customer_short_name>> specific and unique LCCs are programmed in each BellSouth end office switch where <<customer_short_name>> intends to serve End Users with customized OCP/DA branding. The LCCs specifically identify <<customer_short_name>>'s End Users so OCP/DA calls can be routed over the appropriate trunk group to the requested OCP/DA platform. Additional LCCs are required in each end office if the end office serves multiple NPAs (i.e., a unique LCC is required per NPA), and/or if the end office switch serves multiple rate areas and <<customer_short_name>> intends to provide <<customer_short_name>> - branded OCP/DA to its End Users in these multiple rate areas.
- 4.8.5 SCR-LCC supporting Custom Branding and Self Branding require <<customer_short_name>> to order dedicated trunking from each BellSouth end office identified by <<customer_short_name>>, either to the BellSouth TOPS for Custom Branding or to the <<customer_short_name>> Operator Service Provider for Self Branding. Separate trunk groups are required for Operator Services and for DA. Rates for trunks are set forth in applicable BellSouth's FCC No. 1 Tariff.
- 4.8.6 Unbranding - Unbranded DA and/or OCP calls ride common trunk groups provisioned by BellSouth from those end offices identified by <<customer_short_name>> to the BellSouth TOPS.

- 4.8.7 The rates for SCR-LCC are as set forth in Exhibit A. There is a nonrecurring charge for the establishment of each LCC in each BellSouth central office. Furthermore, for Unbranded and Custom Branded OCP/DA provided by BellSouth Operator Services with unbundled ports and unbundled port/loop switch combinations, monthly recurring usage charges shall apply for the UNEs necessary to provide the service, such as end office and tandem switching and common transport. A flat rated end office switching charge shall apply to Self-Branded OCP/DA when used in conjunction with unbundled ports and unbundled port/loop switch combinations.

5 Unbundled Network Element Combinations

- 5.1 For purposes of this Section, references to “Currently Combined” Network Elements shall mean that the particular Network Elements requested by <<customer_short_name>> are in fact already combined by BellSouth in the BellSouth network. References to “Ordinarily Combined” Network Elements shall mean that the particular Network Elements requested by <<customer_short_name>> are not already combined by BellSouth in the location requested by <<customer_short_name>> but are elements that are typically combined in BellSouth’s network. References to “Not Typically Combined” Network Elements shall mean that the particular Network Elements requested by <<customer_short_name>> are not elements that BellSouth combines for its use in its network.
- 5.1.1 Except as otherwise set forth in this Agreement, upon request, BellSouth shall perform the functions necessary to combine Network Elements that BellSouth is required to provide under this Agreement in any manner, even if those elements are not ordinarily combined in BellSouth’s network, provided that such Combination is technically feasible and will not undermine the ability of other carriers to obtain access to Network Elements or to interconnect with BellSouth’s network.
- 5.1.2 To the extent <<customer_short_name>> requests a Combination for which BellSouth does not have methods and procedures in place to provide such Combination, rates and/or methods or procedures for such Combination will be developed pursuant to the BFR process.
- 5.2 Rates
- 5.2.1 The rates for the Currently Combined Network Elements specifically set forth in Exhibit A shall be the rates associated with such Combinations. Where a Currently Combined Combination is not specifically set forth in Exhibit A, the rate for such Currently Combined Combination shall be the sum of the recurring rates for those individual Network Elements as set forth in Exhibit A and/or Exhibit B in addition to the applicable nonrecurring switch-as-is charge set forth in Exhibit A.

- 5.2.2 The rates for the Ordinarily Combined Network Elements specifically set forth in Exhibit A shall be the nonrecurring and recurring charges for those Combinations. Where an Ordinarily Combined Combination is not specifically set forth in Exhibit A, the rate for such Ordinarily Combined Combination shall be the sum of the recurring rates for those individual Network Elements as set forth in Exhibit A and/or Exhibit B and nonrecurring rates for those individual Network Elements as set forth in Exhibit A.
- 5.2.3 The rates for Not Typically Combined Combinations shall be developed pursuant to the BFR process upon request of <<customer_short_name>>.
- 5.3 Enhanced Extended Links (EELs)
- 5.3.1 EELs are combinations of Loops and Dedicated Transport as defined in this Attachment, together with any facilities, equipment, or functions necessary to combine those Network Elements. BellSouth shall provide <<customer_short_name>> with EELs where the underlying Network Element are available and are required to be provided pursuant to this Agreement and in all instances where the requesting carrier meets the eligibility requirements, if applicable.
- 5.3.2 High-capacity EELs are (1) combinations of Loop and Dedicated Transport, (2) Dedicated Transport commingled with a wholesale loop, or (3) a loop commingled with wholesale transport at the DS1 and/or DS3 level as described in 47 C.F.R. § 51.318(b).
- 5.3.3 By placing an order for a high-capacity EEL, <<customer_short_name>> thereby certifies that the service eligibility criteria set forth herein are met for access to a converted high-capacity EEL, a new high-capacity EEL, or part of a high-capacity commingled EEL as a UNE. BellSouth shall have the right to audit <<customer_short_name>>'s high-capacity EELs as specified below.
- 5.3.4 Service Eligibility Criteria
- 5.3.4.1 High capacity EELs must comply with the following service eligibility requirements. <<customer_short_name>> must certify for each high-capacity EEL that all of the following service eligibility criteria are met:
- 5.3.4.1.1 <<customer_short_name>> has received state certification to provide local voice service in the area being served;
- 5.3.4.2 For each combined circuit, including each DS1 circuit, each DS1 EEL, and each DS1-equivalent circuit on a DS3 EEL:
- 5.3.4.2.1 1) Each circuit to be provided to each End User will be assigned a local number prior to the provision of service over that circuit;

- 5.3.4.2.2 2) Each DS1-equivalent circuit on a DS3 EEL must have its own local number assignment so that each DS3 must have at least twenty-eight (28) local voice numbers assigned to it;
- 5.3.4.2.3 3) Each circuit to be provided to each End User will have 911 or E911 capability prior to provision of service over that circuit;
- 5.3.4.2.4 4) Each circuit to be provided to each End User will terminate in a collocation arrangement that meets the requirements of 47 C.F.R. § 51.318(c);
- 5.3.4.2.5 5) Each circuit to be provided to each End User will be served by an interconnection trunk over which <<customer_short_name>> will transmit the calling party's number in connection with calls exchanged over the trunk;
- 5.3.4.2.6 6) For each twenty-four (24) DS1 EELs or other facilities having equivalent capacity, <<customer_short_name>> will have at least one (1) active DS1 local service interconnection trunk over which <<customer_short_name>> will transmit the calling party's number in connection with calls exchanged over the trunk; and
- 5.3.4.2.7 7) Each circuit to be provided to each End User will be served by a switch capable of switching local voice traffic.
- 5.3.4.3 BellSouth may, on an annual basis, audit <<customer_short_name>>'s records in order to verify compliance with the qualifying service eligibility criteria. The audit shall be conducted by a third party independent auditor, and the audit must be performed in accordance with the standards established by the American Institute for Certified Public Accountants (AICPA). To the extent the independent auditor's report concludes that <<customer_short_name>> failed to comply with the service eligibility criteria, <<customer_short_name>> must true-up any difference in payments, convert all noncompliant circuits to the appropriate service, and make the correct payments on a going-forward basis. In the event the auditor's report concludes that <<customer_short_name>> did not comply in any material respect with the service eligibility criteria, <<customer_short_name>> shall reimburse BellSouth for the cost of the independent auditor. To the extent the auditor's report concludes that <<customer_short_name>> did comply in all material respects with the service eligibility criteria, BellSouth will reimburse <<customer_short_name>> for its reasonable and demonstrable costs associated with the audit. <<customer_short_name>> will maintain appropriate documentation to support its certifications.
- 5.3.4.4 In the event <<customer_short_name>> converts special access services to UNEs, <<customer_short_name>> shall be subject to the termination liability provisions in the applicable special access tariffs, if any.

5.4 UNE-P

- 5.4.1 DS0 Local Switching, as defined in Section 4 above, in combination with a Loop and Common (Shared) Transport as defined in Section 4.4 above (UNE-P) provides local exchange service for the origination or termination of calls. UNE-P supports the same local calling and feature requirements as described in the Local Switching section of this Attachment and the ability to presubscribe to a primary carrier for intraLATA toll service and/or to presubscribe to a primary carrier for interLATA toll service.
- 5.4.2 Notwithstanding anything to the contrary in this Agreement, BellSouth is not required to provide UNE-P pursuant to this Agreement except as set forth in this Section 5.4.
- 5.4.3 Transition Period for UNE-P
- 5.4.3.1 For purposes of this Section 5.4, the Transition Period for UNE-P is the twelve (12) month period beginning March 11, 2005 and ending March 10, 2006.
- 5.4.3.2 For the purposes of this Section 5.4, Embedded Base shall mean UNE-P and any additional elements that are required to be provided in conjunction therewith that were in service for <<customer_short_name>> as of March 10, 2005. Subsequent disconnects or loss of End Users shall be removed from the Embedded Base.
- 5.4.3.3 During the Transition Period only, BellSouth shall make UNE-P available for the Embedded Base, in addition to all elements that are required to be provided in conjunction with UNE-P, at the rates, terms and conditions set forth in this Attachment. The Transition Period shall apply only to <<customer_short_name>>'s Embedded Base and <<customer_short_name>> shall not place new orders for UNE-P pursuant to this Agreement.
- 5.4.3.4 Notwithstanding the Effective Date of this Agreement, the rates for <<customer_short_name>>'s Embedded Base of UNE-P during the Transition Period shall be as set forth in Exhibit A.
- 5.4.3.5 <<customer_short_name>> must submit orders, or spreadsheets if converting to UNE Loops through the Bulk Migration process, outlined in Section 2.1.10 above, to either disconnect or convert all of its Embedded Base of UNE-P to other BellSouth services as Conversions pursuant to Section 1.6 above by October 1, 2005.
- 5.4.3.5.1 If <<customer_short_name>> fails to submit orders or spreadsheets converting all of the Embedded Base of UNE-P as specified in Section 5.4.3.5 above prior to October 1, 2005, BellSouth will identify <<customer_short_name>>'s remaining Embedded Base of UNE-P and will transition such UNE-P to resold BellSouth telecommunication services, as set forth in Attachment 1. Those circuits identified and transitioned by BellSouth shall be subject to the applicable disconnect charges as set forth in this Agreement and the full nonrecurring charges for installation of such BellSouth services as set forth in BellSouth's tariffs.

- 5.4.3.5.2 For Embedded Base UNE-P converted pursuant to Section 5.4.3.5 above or transitioned pursuant to Section 5.4.3.5. above, the applicable recurring tariff charges shall apply as of the earlier of the date each circuit is converted or transitioned, as applicable, or March 11, 2006.
- 5.4.3.6 Effective March 11, 2006, UNE-P will no longer be made available pursuant to this Agreement.
- 5.4.4 BellSouth shall make 911 updates in the BellSouth 911 database for <<customer_short_name>>'s UNE-P. BellSouth will not bill <<customer_short_name>> for 911 surcharges. <<customer_short_name>> is responsible for paying all 911 surcharges to the applicable governmental agency.
- 5.5 Intercarrier Compensation
- 5.5.1 Intercarrier compensation for seven (7) or ten (10) digit dialed calls originated by <<customer_short_name>> utilizing Local Switching shall apply as follows:
- 5.5.2 For calls terminating to a BellSouth End User or to an End User served by BellSouth resold services, BellSouth shall charge <<customer_short_name>> for End Office Switching as set forth in Exhibit A at the terminating end office.
- 5.5.3 For calls terminating to a CLEC where such CLEC is utilizing a BellSouth switch port or port/loop combination to provide service to its End User, BellSouth shall charge <<customer_short_name>> for End Office Switching as set forth in Exhibit A at the terminating end office. BellSouth will not charge the terminating CLEC for End Office Switching as set forth in Exhibit A at the terminating end office.
- 5.5.3.1 For calls terminating to third party carriers, such as CLECs, wireless carriers and independent companies, utilizing their own switches to serve their End Users, <<customer_short_name>> is required to enter into interconnection or traffic exchange agreements with such third parties for the exchange of traffic through BellSouth's network. If <<customer_short_name>> does not have such an agreement with a third party carrier and BellSouth is charged termination charges by a third party terminating a call originated by <<customer_short_name>>, or if such third party carrier bills BellSouth for terminating such calls, despite the existence of such an agreement, then BellSouth may, at its option:
- 5.5.3.1.1 pay such charges as billed by the third party carrier and charge End Office Switching as set forth in Exhibit A to <<customer_short_name>> for each such call; or
- 5.5.3.1.2 pay such charges as billed by the third party carrier and <<customer_short_name>> will reimburse the full amount of such charges within thirty (30) days of BellSouth's request for reimbursement.

- 5.5.3.2 Intercarrier compensation for seven (7) or ten (10) digit dialed calls terminating to <<customer_short_name>> utilizing Local Switching shall apply as follows:
- 5.5.3.2.1 For calls originated by a BellSouth End User or by an End User served by resold BellSouth services, BellSouth shall not charge <<customer_short_name>> for End Office Switching at the terminating end office for use of the network component; therefore, <<customer_short_name>> shall not charge BellSouth intercarrier compensation or any other charges for termination of such calls.
- 5.5.3.2.2 For calls originated by a CLEC where such CLEC is utilizing a BellSouth switch port or port/loop combination to provide service to its End User, BellSouth shall not charge <<customer_short_name>> for End Office Switching at the terminating end office for use of the network component; therefore, <<customer_short_name>> shall not charge the originating CLEC or BellSouth intercarrier compensation or any other charges for termination of such calls.
- 5.5.3.2.3 For calls originated by third party carriers, such as CLECs, wireless carriers and independent companies,utilizing their own switches to serve their End Users, <<customer_short_name>> is required to enter into interconnection or traffic exchange agreements with such third parties for the exchange of traffic through BellSouth's network. <<customer_short_name>> may bill the third parties according to such agreements and shall not bill BellSouth for the exchange of traffic through BellSouth's network.
- 5.5.3.3 Intercarrier compensation shall apply as follows for intralata 1+ dialed calls originated by <<customer_short_name>> utilizing Local Switching where <<customer_short_name>> uses BellSouth's CIC for its End User's LPIC:
- 5.5.3.3.1 For calls terminating to a BellSouth End User or to an End User served by BellSouth resold services, BellSouth shall charge <<customer_short_name>> for End Office Switching as set forth in Exhibit A at the terminating end office.
- 5.5.3.3.2 For calls terminating to a CLEC where such CLEC is utilizing a BellSouth switch port or port/loop combination to provide service to its End User, BellSouth shall charge <<customer_short_name>> for End Office Switching as set forth in Exhibit A at the terminating end office. BellSouth will not charge the terminating CLEC for End Office Switching at the terminating end office. In the event that BellSouth is charged termination charges by the CLEC, BellSouth may pay such charges and <<customer_short_name>> will reimburse BellSouth the full amount of such charges within thirty (30) days following BellSouth's request for reimbursement.
- 5.5.3.3.3 For calls terminating to third party carriers, such as CLECs, wireless carriers and independent companies, utilizing their own switches to serve their End Users, <<customer_short_name>> is required to enter into interconnection or traffic exchange agreements with such third parties for the exchange of traffic through BellSouth's network. If <<customer_short_name>> does not have such an

agreement with a third party carrier and BellSouth is charged termination charges by a third party terminating a call originated by <<customer_short_name>>, or if such third party carrier bills BellSouth for terminating such calls, despite the existence of such an agreement, then BellSouth may, at its option:

- 5.5.3.3.3.1 pay such charges as billed by the third party carrier and charge End Office Switching as set forth in Exhibit A to <<customer_short_name>> for each such call; or
- 5.5.3.3.3.2 pay such charges as billed by the third party carrier and <<customer_short_name>> will reimburse BellSouth the full amount of such charges within thirty (30) days following BellSouth's request for reimbursement.
- 5.5.3.4 Intercarrier compensation shall apply as follows for intralata 1+ dialed calls terminating to <<customer_short_name>> utilizing Local Switching where the originating carrier uses BellSouth's CIC for its End User's LPIC:
 - 5.5.3.4.1 For calls originated by a BellSouth End User or by an End User served by BellSouth resold service, BellSouth shall charge <<customer_short_name>> for End Office Switching as set forth in Exhibit A at the terminating end office for use of the End Office Switching network component in terminating such calls. <<customer_short_name>> may charge BellSouth for intercarrier compensation at the End Office Switching as set forth in Exhibit A for such calls. <<customer_short_name>> shall not charge originating or terminating switched access rates to BellSouth for termination of such calls.
- 5.5.3.5 For calls originated by or terminating to interexchange carriers through a switched access arrangement, <<customer_short_name>> may bill the interexchange carrier in accordance with <<customer_short_name>>'s tariff and will not bill BellSouth any charges for such call. <<customer_short_name>> shall pay BellSouth applicable charges for the use of BellSouth's network in accordance with the rates set forth in Exhibit A for originating and terminating such calls.

6 Dedicated Transport and Dark Fiber Transport

- 6.1 Dedicated Transport. Dedicated Transport is defined as BellSouth's transmission facilities between wire centers or switches owned by BellSouth, or between wire centers or switches owned by BellSouth and switches owned by <<customer_short_name>>, including but not limited to DS1, DS3 and OCn level services, as well as dark fiber, dedicated to <<customer_short_name>>. BellSouth shall not be required to provide access to OCn level Dedicated Transport under any circumstances pursuant to this Agreement. In addition, except as set forth in Section 6.2 below, BellSouth shall not be required to provide to <<customer_short_name>> unbundled access to interoffice transmission facilities that do not connect a pair of wire centers or switches owned by BellSouth ("Entrance Facilities").

- 6.2 Transition for DS1 and DS3 Dedicated Transport Including DS1 and DS3 Entrance Facilities
- 6.2.1 For purposes of this Section 6.2, the Transition Period for the Embedded Base of DS1 and DS3 Dedicated Transport, Embedded Base Entrance Facilities and for Excess DS1 and DS3 Dedicated Transport, is the twelve (12) month period beginning March 11, 2005 and ending March 10, 2006.
- 6.2.2 For purposes of this Section 6.2, Embedded Base means DS1 and DS3 Dedicated Transport that were in service for <<customer_short_name>> as of March 10, 2005 in those wire centers that, as of such date, met the criteria set forth in Sections 6.2.6.1 or 6.2.6.2 below. Subsequent disconnects or loss of End Users shall be removed from the Embedded Base.
- 6.2.3 For purposes of this Section 6, Embedded Base Entrance Facilities means Entrance Facilities that were in service for <<customer_short_name>> as of March 10, 2005. Subsequent disconnects or loss of customers shall be removed from the Embedded Base.
- 6.2.4 For purposes of this Section 6, Excess DS1 and DS3 Dedicated Transport means those <<customer_short_name>> DS1 and DS3 Dedicated Transport facilities in service as of March 10, 2005, in excess of the caps set forth in Section 6.6 below. Subsequent disconnects and loss of End Users shall be removed from Excess DS1 and DS3 Loops.
- 6.2.5 For purposes of this Section 6.2, a Business Line is as defined in 47 C.F.R. § 51.5.
- 6.2.6 Notwithstanding anything to the contrary in this Agreement, BellSouth shall make available Dedicated Transport as described in this Section 6.2 only for <<customer_short_name>>'s Embedded Base during the Transition Period:
- 6.2.6.1 DS1 Dedicated Transport where both wire centers at the end points of the route contain 38,000 or more Business Lines or four (4) or more fiber-based collocators.
- 6.2.6.2 DS3 Dedicated Transport where both wire centers at the end points of the route contain 24,000 or more Business Lines or three (3) or more fiber-based collocators.
- 6.2.6.3 A list of wire centers meeting the criteria set forth in Sections 6.2.6.1 or 6.2.6.2 above as of March 10, 2005, is available on BellSouth's Interconnection Services Web site, as (Initial Wire Center List).
- 6.2.6.4 Notwithstanding anything to the contrary in this Agreement, BellSouth shall make available Entrance Facilities only for <<<customer_short_name>>'s Embedded Base Entrance Facilities and only during the Transition Period.

- 6.2.6.5 Notwithstanding the Effective Date of this Agreement, during the Transition Period, the rates for <<customer_short_name>>'s Embedded Base of DS1 and DS3 Dedicated Transport and for <<customer_short_name>>'s Excess DS1 and DS3 Dedicated Transport, as described in this Section 6.2, shall be as set forth in Exhibit B, and the rates for <<customer_short_name>>'s Embedded Base Entrance Facilities as described in this Section 6.2 shall be as set forth in Exhibit A.
- 6.2.6.6 The Transition Period shall apply only to (1) <<customer_short_name>>'s Embedded Base and Embedded Base Entrance Facilities; and (2) <<customer_short_name>>'s Excess DS1 and DS3 Dedicated Transport. <<customer_short_name>> shall not add new Entrance Facilities pursuant to this Agreement. Further, <<customer_short_name>> shall not add new DS1 or DS3 Dedicated Transport as described in this Section 6.2 pursuant to this Agreement, except pursuant to the self-certification process as set forth in Section 1.8 above of and as set forth in Section 6.2.6.10 below.
- 6.2.6.7 Once a wire center exceeds either of the thresholds set forth in this Sections 6.2.6.1 or 6.2.6.2 above, no future DS1 Dedicated Transport unbundling will be required in that wire center.
- 6.2.6.8 Once a wire center exceeds either of the thresholds set forth in Sections 6.2.6.1 or 6.2.6.2 above, no future DS3 Dedicated Transport will be required in that wire center.
- 6.2.6.9 No later than December 9, 2005 <<customer_short_name>> shall submit spreadsheet(s) identifying all of the Embedded Base of circuits, Embedded Base Entrance Facilities, and Excess DS1 and DS3 Dedicated Transport to be either disconnected or converted to other BellSouth services pursuant to Section 1.6 above. The Parties shall negotiate a project schedule for the Conversion of the Embedded Base, Embedded Base Entrance Facilities and Excess DS1 and DS3 Dedicated Transport.
- 6.2.6.9.1 If <<customer_short_name>> fails to submit the spreadsheet(s) specified in Section 6.2.6.9 above for all of its Embedded Base, Embedded Base Entrance Facilities and Excess DS1 and DS3 Dedicated Transport prior to December 9, 2005, BellSouth will identify <<customer_short_name>>'s remaining Embedded Base, Embedded Base Entrance Facilities and Excess DS1 and DS3 Dedicated Transport, if any, and will transition such circuits to the equivalent tariffed BellSouth service(s). Those circuits identified and transitioned by BellSouth pursuant to this Section 6.2.6.9.1 shall be subject to all applicable disconnect charges as set forth in this Agreement and the full nonrecurring charges for installation of the equivalent tariffed BellSouth service as set forth in BellSouth's tariffs.

- 6.2.6.9.2 For Embedded Base circuits, Embedded Base Entrance Facilities and Excess DS1 and DS3 Dedicated Transport converted pursuant to Section 6.2.6.9 or transitioned pursuant to Section 6.2.6.9.1 above, the applicable recurring tariff charge shall apply to each circuit as of the earlier of the date each circuit is converted or transitioned, as applicable, or March 11, 2006.
- 6.2.6.10 Modifications and Updates to the Wire Center List and Subsequent Transition Periods
- 6.2.6.10.1 In the event BellSouth identifies additional wire centers that meet the criteria set forth in Sections 6.2.6.1 or 6.2.6.2 above, but that were not included in the Initial Wire Center List, BellSouth shall include such additional wire centers in CNL. Each such list of additional wire centers shall be considered a Subsequent Wire Center List.
- 6.2.6.10.2 Effective ten (10) business days after the date of a BellSouth CNL providing a Subsequent Wire Center List, BellSouth shall not be required to provide DS1 and DS3 Dedicated Transport, as applicable, in such additional wire center(s), except pursuant to the self-certification process as set forth in Section 1.8 above.
- 6.2.6.10.3 For purposes of Section 6.2.6.10 above, BellSouth shall make available DS1 and DS3 Dedicated Transport that was in service for <<customer_short_name>> in a wire center on the Subsequent Wire Center List as of the tenth (10th) business day after the date of BellSouth's CNL identifying the Subsequent Wire Center List (Subsequent Embedded Base) until ninety (90) days after the tenth (10th) business day from the date of BellSouth's CNL identifying the Subsequent Wire Center List (Subsequent Transition Period).
- 6.2.6.10.4 Subsequent disconnects or loss of End Users shall be removed from the Subsequent Embedded Base.
- 6.2.6.10.5 The rates set forth in Exhibit B shall apply to the Subsequent Embedded Base during the Subsequent Transition Period.
- 6.2.6.10.6 No later than forty (40) days from BellSouth's CNL identifying the Subsequent Wire Center List <<customer_short_name>> shall submit a spreadsheet(s) identifying the Subsequent Embedded Base of circuits to be disconnected or converted to other BellSouth services. The Parties shall negotiate a project schedule for the Conversion of the Subsequent Embedded Base.
- 6.2.6.10.6.1 If <<customer_short_name>> fails to submit the spreadsheet(s) specified in Section 6.2.6.10.6 above for all of its Subsequent Embedded Base within forty (40) days after the date of BellSouth's CNL identifying the Subsequent Wire Center List, BellSouth will identify <<customer_short_name>>'s remaining Subsequent Embedded Base, if any, and will transition such circuits to the equivalent tariffed BellSouth service(s). Those circuits identified and transitioned by BellSouth shall be subject to the applicable disconnect charges as

set forth in this Agreement and the full nonrecurring charges for installation of the equivalent tariffed BellSouth service as set forth in BellSouth's tariffs.

- 6.2.6.10.7 For Subsequent Embedded Base circuits converted pursuant to Section 6.2.6.10.6 above or transitioned pursuant to Section 6.2.6.10.6.1 above, the applicable recurring tariff charges shall apply as of the earlier of the date each circuit is converted or transitioned, as applicable, or the first day after the end of the Subsequent Transition Period.
- 6.3 BellSouth shall:
- 6.3.1 Provide <<customer_short_name>> exclusive use of Dedicated Transport to a particular customer or carrier;
- 6.3.2 Provide all technically feasible features, functions, and capabilities of Dedicated Transport as outlined within the technical requirements of this section;
- 6.3.3 Permit, to the extent technically feasible, <<customer_short_name>> to connect Dedicated Transport to equipment designated by <<customer_short_name>>, including but not limited to, <<customer_short_name>>'s collocated facilities; and
- 6.3.4 Permit, to the extent technically feasible, <<customer_short_name>> to obtain the functionality provided by BellSouth's digital cross-connect systems.
- 6.4 BellSouth shall offer Dedicated Transport:
- 6.4.1 As capacity on a shared facility; and
- 6.4.2 As a circuit (i.e., DS0, DS1, DS3, STS-1) dedicated to <<customer_short_name>>.
- 6.5 Dedicated Transport may be provided over facilities such as optical fiber, copper twisted pair, and coaxial cable, and shall include transmission equipment such as line terminating equipment, amplifiers, and regenerators.
- 6.6 <<customer_short_name>> may obtain a maximum of ten (10) unbundled DS1 Dedicated Transport circuits or twelve (12) unbundled DS3 Dedicated Transport circuits, or their equivalent, on each route where the respective Dedicated Transport is available as a Network Element. A route is defined as a transmission path between one of BellSouth's wire centers or switches and another of BellSouth's wire centers or switches. A route between two (2) points may pass through one or more intermediate wire centers or switches. Transmission paths between identical end points are the same "route", irrespective of whether they pass through the same intermediate wire centers or switches, if any.
- 6.7 Technical Requirements

- 6.7.1 BellSouth shall offer DS0 equivalent interface transmission rates for DS0 or voice grade Dedicated Transport. For DS1 or DS3 circuits, Dedicated Transport shall at a minimum meet the performance, availability, jitter, and delay requirements specified for Customer Interface to Central Office (CI to CO) connections in the applicable industry standards.
- 6.7.2 BellSouth shall offer the following interface transmission rates for Dedicated Transport:
- 6.7.2.1 DS0 Equivalent;
- 6.7.2.2 DS1;
- 6.7.2.3 DS3;
- 6.7.2.4 STS-1; and
- 6.7.2.5 SDH (Synchronous Digital Hierarchy) Standard interface rates are in accordance with International Telecommunications Union (ITU) Recommendation G.707 and Plesiochronous Digital Hierarchy (PDH) rates per ITU Recommendation G.704.
- 6.7.3 BellSouth shall design Dedicated Transport according to its network infrastructure. <<customer_short_name>> shall specify the termination points for Dedicated Transport.
- 6.7.4 At a minimum, Dedicated Transport shall meet each of the requirements set forth in the applicable industry technical references and BellSouth Technical References;
- 6.7.4.1 Telcordia TR-TSY-000191 Alarm Indication Signals Requirements and Objectives, Issue 1, May 1986.
- 6.7.4.2 BellSouth's TR73501 LightGate®Service Interface and Performance Specifications, Issue D, June 1995.
- 6.7.4.3 BellSouth's TR73525 MegaLink®Service, MegaLink Channel Service and MegaLink Plus Service Interface and Performance Specifications, Issue C, May 1996.
- 6.8 Unbundled Channelization (Multiplexing)
- 6.8.1 To the extent <<customer_short_name>> is purchasing DS1 or DS3 or STS-1 Dedicated Transport pursuant to this Agreement, Unbundled Channelization (UC) provides the optional multiplexing capability that will allow a DS1 (1.544 Mbps) or DS3 (44.736 Mbps) or STS-1 (51.84 Mbps) Network Elements to be multiplexed or channelized at a BellSouth central office. Channelization can be accomplished through the use of a multiplexer or a digital cross-connect system at

the discretion of BellSouth. Once UC has been installed, <<customer_short_name>> may request channel activation on a channelized facility and BellSouth shall connect the requested facilities via COCIs. The COCI must be compatible with the lower capacity facility and ordered with the lower capacity facility. This service is available as defined in NECA 4.

- 6.8.2 BellSouth shall make available the following channelization systems and interfaces:
 - 6.8.2.1 DS1 Channelization System: channelizes a DS1 signal into a maximum of twenty-four (24) DS0s. The following COCI are available: Voice Grade, Digital Data and ISDN.
 - 6.8.2.2 DS3 Channelization System: channelizes a DS3 signal into a maximum of twenty-eight (28) DS1s. A DS1 COCI is available with this system.
 - 6.8.2.3 STS-1 Channelization System: channelizes a STS-1 signal into a maximum of twenty-eight (28) DS1s. A DS1 COCI is available with this system.
- 6.8.3 Technical Requirements. In order to assure proper operation with BellSouth provided central office multiplexing functionality, <<customer_short_name>>'s channelization equipment must adhere strictly to form and protocol standards. <<customer_short_name>> must also adhere to such applicable industry standards for the multiplex channel bank, for voice frequency encoding, for various signaling schemes, and for sub rate digital access.
- 6.9 Dark Fiber Transport. Dark Fiber Transport is defined as Dedicated Transport that consists of unactivated optical interoffice transmission facilities without attached signal regeneration, multiplexing, aggregation or other electronics. Except as set forth in Section 6.9.1 below, BellSouth shall not be required to provide access to Dark Fiber Transport Entrance Facilities pursuant to this Agreement.
 - 6.9.1 Transition for Dark Fiber Transport and Dark Fiber Transport Entrance Facilities
 - 6.9.1.1 For purposes of this Section 6.9, the Transition Period for the Embedded Base of Dark Fiber Transport is the eighteen (18) month period beginning March 11, 2005 and ending September 10, 2006.
 - 6.9.1.2 For purposes of this Section 6.9, Embedded Base means Dark Fiber Transport that was in service for <<customer_short_name>> as of March 10, 2005 in those wire centers that, as of such date, met the criteria set forth in 6.9.1.4.1. Subsequent disconnects or loss of End Users shall be removed from the Embedded Base.
 - 6.9.1.3 For purposes of this Section 6.9, a Business Line is as defined in 47 C.F.R. § 51.5.

- 6.9.1.4 Notwithstanding anything to the contrary in this Agreement, BellSouth shall make available Dark Fiber Transport as described in this Section 6.9 only for <<customer_short_name>>'s Embedded Base during the Transition Period:
- 6.9.1.4.1 Dark Fiber Transport where both wire centers at the end points of the route contain twenty-four thousand (24,000) or more Business Lines or three (3) or more fiber-based collocators.
- 6.9.1.5 A list of wire centers meeting the criteria set forth in Section 6.9.1.4 above as of March 10, 2005, ("Initial List") is available on BellSouth's Interconnection Services Web site.
- 6.9.1.6 Notwithstanding the Effective Date of this Agreement, during the Transition Period, the rates for <<customer_short_name>>'s Embedded Base of Dark Fiber Transport as described in Section 6.9.1.2 above shall be as set forth in Exhibit B and the rates for <<customer_short_name>>'s Embedded Base of Dark Fiber Transport Entrance Facilities as described in Section 6.9.1 above shall be as set forth in Exhibit A.
- 6.9.1.7 The Transition Period shall apply only to <<customer_short_name>>'s Embedded Base of Dark Fiber Transport and Dark Fiber Entrance Facilities. <<customer_short_name>> shall not add new Dark Fiber Transport as described in this Section 6.9 except pursuant to the self-certification process as set forth in Section 1.8 of this Attachment and as set forth in Section 6.9.1.10 below. Further, <<customer_short_name>> shall not add new Dark Fiber Entrance Facilities pursuant to this Agreement.
- 6.9.1.8 Once a wire center exceeds either of the thresholds set forth in this Section 6.9.1.4 above, no future Dark Fiber Transport unbundling will be required in that wire center.
- 6.9.1.9 No later than June 10, 2006 <<customer_short_name>> shall submit spreadsheet(s) identifying all of the Embedded Base of Dark Fiber Transport and Dark Fiber Entrance Facilities to be either disconnected or converted to other BellSouth services as Conversions pursuant to Section 1.6 above. The Parties shall negotiate a project schedule for the Conversion of the Embedded Base.
- 6.9.1.9.1 If <<customer_short_name>> fails to submit the spreadsheet(s) specified in Section 6.9.1.9 above for all of its Embedded Base prior to June 10, 2006, BellSouth will identify <<customer_short_name>>'s remaining Embedded Base, if any, and will transition such circuits to the equivalent tariffed BellSouth service(s). Those circuits identified and transitioned by BellSouth pursuant to this Section 6.9.1.9.1 shall be subject to all applicable disconnect charges as set forth in this Agreement and the full nonrecurring charges for installation of the equivalent tariffed BellSouth service as set forth in BellSouth's tariffs.

- 6.9.1.9.2 For Embedded Base circuits converted pursuant to Section 6.9.1.9 above or transitioned pursuant to Section 6.9.1.9.1 above, the applicable recurring tariff charge shall apply to each circuit as of the earlier of the date each circuit is converted or transitioned, as applicable, or September 11, 2006.
- 6.9.1.10 Modifications and Updates to the Wire Center List and Subsequent Transition Periods
- 6.9.1.10.1 In the event BellSouth identifies additional wire centers that meet the criteria set forth in Section 6.9.1.4.1 above, but that were not included in the Initial Wire Center List, BellSouth shall include such additional wire centers in a CNL. Each such list of additional wire centers shall be considered a "Subsequent Wire Center List".
- 6.9.1.10.2 Effective ten (10) business days after the date of a BellSouth CNL providing a Subsequent Wire Center List, BellSouth shall not be required to provide unbundled access to Dark Fiber Transport, as applicable, in such additional wire center(s), except pursuant to the self-certification process as set forth in Section 1.8 above.
- 6.9.1.10.3 For purposes of Section 6.9.1.10, BellSouth shall make available DS1 and DS3 Loops that were in service for <<customer_short_name>> in a wire center on the Subsequent Wire Center List as of the tenth (10th) business day after the date of BellSouth's CNL identifying the Subsequent Wire Center List (Subsequent Embedded Base) until ninety (90) days after the tenth (10th) business day from the date of BellSouth's CNL identifying the Subsequent Wire Center List (Subsequent Transition Period).
- 6.9.1.10.4 Subsequent disconnects or loss of End Users shall be removed from the Subsequent Embedded Base.
- 6.9.1.10.5 The rates set forth in Exhibit B shall apply to the Subsequent Embedded Base during the Subsequent Transition Period.
- 6.9.1.10.6 No later than forty (40) days from BellSouth's CNL identifying the Subsequent Wire Center List <<customer_short_name>> shall submit a spreadsheet(s) identifying the Subsequent Embedded Base of circuits to be disconnected or converted to other BellSouth services. The Parties shall negotiate a project schedule for the Conversion of the Subsequent Embedded Base.
- 6.9.1.10.6.1 If <<customer_short_name>> fails to submit the spreadsheet(s) specified in Section 6.9.1.10.6 above for all of its Subsequent Embedded Base within forty (40) days after the date of BellSouth's CNL identifying the Subsequent Wire Center List, BellSouth will identify <<customer_short_name>>'s remaining Subsequent Embedded Base, if any, and will transition such circuits to the equivalent tariffed BellSouth service(s). Those circuits identified and transitioned by BellSouth shall be subject to the applicable disconnect charges as

set forth in this Agreement and the full nonrecurring charges for installation of the equivalent tariffed BellSouth service as set forth in BellSouth's tariffs.

- 6.9.1.10.6.2 For Subsequent Embedded Base circuits converted pursuant to Section 6.9.1.10.6 above or transitioned pursuant to Section 6.9.1.10.6.1 above, the applicable recurring tariff charges shall apply as of the earlier of the date each circuit is converted or transitioned, as applicable, or the first day after the end of the Subsequent Transition Period.

6.10 Rearrangements

- 6.10.1 A request to move a working <<customer_short_name>> CFA to another <<customer_short_name>> CFA, where both CFAs terminate in the same BellSouth Central Office (Change in CFA), shall not constitute the establishment of new service. The applicable rates set forth in Exhibit A.
- 6.10.2 Requests to re-terminate one end of a facility that is not a Change in CFA constitute the establishment of new service and require disconnection of existing service and the applicable rates set forth in Exhibit A shall apply.
- 6.10.3 Upon request of <<customer_short_name>>, BellSouth shall project manage the Change in CFA or re-termination of a facility as described in Sections 6.10.1 and 6.10.2 above and <<customer_short_name>> may request OC-TS for such orders.
- 6.10.4 BellSouth shall accept a LOA between <<customer_short_name>> and another carrier that will allow <<customer_short_name>> to connect a facility, or Combination that includes Dedicated Transport to the other carrier's collocation space or to another carrier's CFA associated with higher bandwidth transport.

7 Call Related Databases and Signaling

- 7.1 Call Related Databases are the databases other than OSS, that are used in signaling networks, for billing and collection, or the transmission, routing or other provision of a Telecommunications Service. Notwithstanding anything to the contrary herein, BellSouth shall only provide unbundled access to call related databases and signaling including but not limited to, BellSouth Switched Access 8XX Toll Free Dialing Ten Digit Screening Service, LIDB, Signaling, Signaling Link Transport, STP, SS7 AIN Access, Service Control Point(SCP)Databases, Local Number Portability (LNP) Databases and Calling Name (CNAM) Database Service pursuant to this Agreement where BellSouth is required to provide and is providing Local Switching or UNE-P to <<customer_short_name>> pursuant to this Agreement.
- 7.2 BellSouth Switched Access (SWA) 8XX Toll Free Dialing Ten Digit Screening Service

- 7.2.1 The BellSouth SWA 8XX Toll Free Dialing Ten Digit Screening Service database (8XX SCP Database) is a SCP that contains customer record information and the functionality to provide call-handling instructions for 8XX calls. The 8XX SCP IN software stores data downloaded from the national SMS/8XX database and provides the routing instructions in response to queries from the SSP or tandem. The BellSouth SWA 8XX Toll Free Dialing Ten Digit Screening Service (8XX TFD Service) utilizes the 8XX SCP Database to provide identification and routing of the 8XX calls, based on the ten digits dialed. At <<customer_short_name>>'s option, 8XX TFD Service is provided with or without POTS number delivery, dialing number delivery, and other optional complex features as selected by <<customer_short_name>>.
- 7.2.2 The 8XX SCP Database is designated to receive and respond to queries using the ANSI Specification of SS7 protocol.
- 7.3 LIDB
- 7.3.1 LIDB is a transaction-oriented database accessible through Common Channel Signaling (CCS) networks. For access to LIDB, <<customer_short_name>> must purchase appropriate signaling links pursuant to Section 7.4 below. LIDB contains records associated with End User Line Numbers and Special Billing Numbers. LIDB accepts queries from other Network Elements and provides appropriate responses. The query originator need not be the owner of LIDB data. LIDB queries include functions such as screening billed numbers that provides the ability to accept Collect or Third Number Billing calls and validation of Telephone Line Number based non-proprietary calling cards. The interface for the LIDB functionality is the interface between BellSouth's CCS network and other CCS networks. LIDB also interfaces to administrative systems.
- 7.3.2 Technical Requirements
- 7.3.2.1 BellSouth will offer to <<customer_short_name>> any additional capabilities that are developed for LIDB during the life of this Agreement.
- 7.3.2.2 BellSouth shall process <<customer_short_name>>'s customer records in LIDB at least at parity with BellSouth customer records, with respect to other LIDB functions. BellSouth shall indicate to <<customer_short_name>> what additional functions (if any) are performed by LIDB in the BellSouth network.
- 7.3.2.3 Within two (2) weeks after a request by <<customer_short_name>>, BellSouth shall provide <<customer_short_name>> with a list of the customer data items, which <<customer_short_name>> 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.

- 7.3.2.4 BellSouth shall provide LIDB systems for which operating deficiencies that would result in calls being blocked shall not exceed thirty (30) minutes per year.
- 7.3.2.5 BellSouth shall provide LIDB systems for which operating deficiencies that would not result in calls being blocked shall not exceed twelve (12) hours per year.
- 7.3.2.6 BellSouth shall provide LIDB systems for which the LIDB function shall be in overload no more than twelve (12) hours per year.
- 7.3.2.7 All additions, updates and deletions of <<customer_short_name>> data to the LIDB shall be solely at the direction of <<customer_short_name>>. Such direction from <<customer_short_name>> will not be required where the addition, update or deletion is necessary to perform standard fraud control measures (e.g., calling card auto-deactivation).
- 7.3.2.8 BellSouth shall provide priority updates to LIDB for <<customer_short_name>> data upon <<customer_short_name>>'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.
- 7.3.2.9 BellSouth shall provide LIDB systems such that no more than 0.01% of <<customer_short_name>> customer records will be missing from LIDB, as measured by <<customer_short_name>> audits. BellSouth will audit <<customer_short_name>> records in LIDB against Data Base Administration System (DBAS) to identify record mismatches and provide this data to a designated <<customer_short_name>> contact person to resolve the status of the records and BellSouth will update system appropriately. BellSouth will refer record of mismatches to <<customer_short_name>> within one (1) business day of audit. Once reconciled records are received back from <<customer_short_name>>, BellSouth will update LIDB the same business day if less than five hundred (500) records are received before 1:00 p.m. Central Time. If more than five hundred (500) records are received, BellSouth will contact <<customer_short_name>> to negotiate a time frame for the updates, not to exceed three (3) business days.
- 7.3.2.10 BellSouth shall perform backup and recovery of all of <<customer_short_name>>'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.
- 7.3.2.11 BellSouth shall provide <<customer_short_name>> 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 <<customer_short_name>> and BellSouth.

- 7.3.2.12 BellSouth shall prevent any access to or use of <<customer_short_name>> 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 <<customer_short_name>> in writing.
- 7.3.2.13 BellSouth shall provide <<customer_short_name>> 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 <<customer_short_name>> at least at parity with BellSouth Customer Data. BellSouth shall obtain from <<customer_short_name>> the screening information associated with LIDB Data Screening of <<customer_short_name>> 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 <<customer_short_name>> under the BFR/NBR Process as set forth in Attachment 11.
- 7.3.2.14 BellSouth shall accept queries to LIDB associated with <<customer_short_name>> customer records and shall return responses in accordance with industry standards.
- 7.3.2.15 BellSouth shall provide mean processing time at the LIDB within 0.50 seconds under normal conditions as defined in industry standards.
- 7.3.2.16 BellSouth shall provide processing time at the LIDB within one (1) second for ninety-nine percent (99%) of all messages under normal conditions as defined in industry standards.
- 7.3.3 Interface Requirements
- 7.3.3.1 BellSouth shall offer LIDB in accordance with the requirements of this subsection.
- 7.3.3.2 The interface to LIDB shall be in accordance with the technical references contained within.
- 7.3.3.3 The CCS interface to LIDB shall be the standard interface described herein.
- 7.3.3.4 The LIDB Data Base interpretation of the ANSI-TCAP messages shall comply with the technical reference herein. Global Title Translation (GTT) shall be maintained in the signaling network in order to support signaling network routing to the LIDB.

- 7.3.3.5 The application of the LIDB rates contained in Exhibit A will be based on a Percent CLEC LIDB Usage (PCLU) factor. <<customer_short_name>> shall provide BellSouth a PCLU. The PCLU will be applied to determine the percentage of total LIDB usage to be billed to the other Party at local rates. <<customer_short_name>> shall update its PCLU on the first of January, April, July and October and shall send it to BellSouth to be received no later than thirty (30) calendar days after the first of each such month based on local usage for the past three months ending the last day of December, March, June and September, respectively. Requirements associated with PCLU calculation and reporting shall be as set forth in BellSouth's Jurisdictional Factors Reporting Guide.
- 7.4 Signaling. BellSouth shall offer access to signaling and access to BellSouth's signaling databases subject to compatibility testing and at the terms and conditions set forth in Attachment 3 and at the rates set forth in Exhibit A. BellSouth may provide mediated access to BellSouth signaling systems and databases. Available signaling elements include signaling links, STPs and SCPs. Signaling functionality will be available with both A-link and B-link connectivity.
- 7.4.1 Signaling Link Transport. Signaling Link Transport is a set of two (2) or four (4) dedicated 56 kbps transmission paths between <<customer_short_name>> designated SPOI that provide appropriate physical diversity.
- 7.4.1.1 Technical Requirements
- 7.4.1.1.1 Signaling Link Transport shall consist of full duplex mode 56 kbps transmission paths and shall perform in the following two ways:
- 7.4.1.1.1.1 As an "A-link" Signaling Link Transport is a connection between a switch or SCP and a home STP switch pair; and
- 7.4.1.1.1.2 As a "B-link" Signaling Link Transport is a connection between two (2) STP switch pairs in different company networks (e.g., between two (2) STP switch pairs for two (2) CLECs).
- 7.4.1.2 Signaling Link Transport shall consist of two (2) or more signaling link layers as follows:
- 7.4.1.2.1 An A-link layer shall consist of two (2) links; and
- 7.4.1.2.2 A B-link layer shall consist of four (4) links.
- 7.4.1.3 A signaling link layer shall satisfy interoffice and intraoffice diversity of facilities and equipment, such that:
- 7.4.1.3.1 No single failure of facilities or equipment causes the failure of both links in an A-link layer (i.e., the links should be provided on a minimum of two (2) separate physical paths end-to-end); and

- 7.4.1.3.2 No two (2) concurrent failures of facilities or equipment shall cause the failure of all four (4) links in a B-link layer (i.e., the links should be provided on a minimum of three (3) separate physical paths end-to-end).
- 7.4.2 Interface Requirements. There shall be a DS1 (1.544 Mbps) interface at <<customer_short_name>>'s designated SPOIs. Each 56 kbps transmission path shall appear as a DS0 channel within the DS1 interface.
- 7.4.3 STP. An STP is a signaling network function that includes all of the capabilities provided by the signaling transfer point switches and their associated signaling links that enables the exchange of SS7 messages among and between switching elements, database elements and signaling transfer point switches.
- 7.4.3.1 Technical Requirements
- 7.4.3.1.1 STPs shall provide access to BellSouth Local Switching or Tandem Switching and to BellSouth SCPs/Databases connected to BellSouth SS7 network. STPs also provide access to third party local or tandem switching and third party provided STPs.
- 7.4.3.1.2 The connectivity provided by STPs shall fully support the functions of all other Network Elements connected to the BellSouth SS7 network. This includes the use of the BellSouth SS7 network to convey messages that neither originate nor terminate at a signaling end point directly connected to the BellSouth SS7 network (i.e., transit messages). When the BellSouth SS7 network is used to convey transit messages, there shall be no alteration of the Integrated Services Digital Network User Part (ISDNUP) or Transaction Capabilities Application Part (TCAP) user data that constitutes the content of the message. Rates for ISDNUP and TCAP messages are as set forth in Exhibit A.
- 7.4.3.1.3 If a BellSouth tandem switch routes traffic, based on dialed or translated digits, on SS7 trunks between a <<customer_short_name>> local switch and third party local switch, the BellSouth SS7 network shall convey the TCAP messages that are necessary to provide Call Management features (Automatic Callback, Automatic Recall, and Screening List Editing) between <<customer_short_name>> 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.
- 7.4.3.1.4 STPs shall provide all functions of the SCCP necessary for Class 0 (basic connectionless) service as defined in Telcordia ANSI Interconnection Requirements. This includes GTT and SCCP Management procedures, as specified in ANSI T1.112.4. Where the destination signaling point is a <<customer_short_name>> 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 <<customer_short_name>> database, then <<customer_short_name>> agrees to provide BellSouth with the Destination Point Code for <<customer_short_name>> database.

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

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

7.4.4 SS7

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

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

7.4.4.3 Interface Requirements

7.4.4.3.1 BellSouth shall provide the following STP options to connect <<customer_short_name>> or <<customer_short_name>>-designated Local Switching systems to the BellSouth SS7 network:

7.4.4.3.1.1 An A-link interface from <<customer_short_name>> Local Switching systems; and

- 7.4.4.3.1.2 A B-link interface from <<customer_short_name>> local STPs.
- 7.4.4.3.2 Each type of interface shall be provided by one or more layers of signaling links.
- 7.4.4.3.3 The SPOI for each link shall be located at a cross-connect element in the CO where the BellSouth STP is located. There shall be a DS1 or higher rate transport interface at each of the SPOIs. Each signaling link shall appear as a DS0 channel within the DS1 or higher rate interface.
- 7.4.4.3.4 BellSouth shall provide intraoffice diversity between the SPOI and BellSouth STPs so that no single failure of intraoffice facilities or equipment shall cause the failure of both B-links in a layer connecting to a BellSouth STP.
- 7.4.4.3.5 STPs shall provide all functions of the MTP as defined in the applicable industry standard technical references.
- 7.4.4.4 Message Screening
 - 7.4.4.4.1 BellSouth shall set message screening parameters so as to accept valid messages from <<customer_short_name>> local or tandem switching systems destined to any signaling point within BellSouth's SS7 network where the <<customer_short_name>> switching system has a valid signaling relationship.
 - 7.4.4.4.2 BellSouth shall set message screening parameters so as to pass valid messages from <<customer_short_name>> local or tandem switching systems destined to any signaling point or network accessed through BellSouth's SS7 network where the <<customer_short_name>> switching system has a valid signaling relationship.
 - 7.4.4.4.3 BellSouth shall set message screening parameters so as to accept and pass/send valid messages destined to and from <<customer_short_name>> from any signaling point or network interconnected through BellSouth's SS7 network where the <<customer_short_name>> SCP has a valid signaling relationship.
- 7.4.5 SCP/Databases
 - 7.4.5.1 Call Related Databases provide the storage of, access to, and manipulation of information required to offer a particular service and/or capability. BellSouth shall provide access to the following Databases: LNP, LIDB, Toll Free Number Database, ALI/DMS, and CNAM Database. BellSouth also provides access to SCE/SMS application databases and DA.
 - 7.4.5.2 A SCP is deployed in a SS7 network that executes service application logic in response to SS7 queries sent to it by a switching system also connected to the SS7 network. SMS provides operational interfaces to allow for provisioning, administration and maintenance of subscriber data and service application data stored in SCPs.

7.4.5.3 Technical Requirements for SCPs/Databases

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

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

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

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

7.6 CNAM Database Service

7.6.1 CNAM is the ability to associate a name with the calling party number, allowing the End User (to which a call is being terminated) to view the calling party's name before the call is answered. The calling party's information is accessed by queries launched to the CNAM database. This service also provides <<customer_short_name>> the opportunity to load and store its subscriber names in the BellSouth CNAM SCPs.

7.6.2 <<customer_short_name>> shall submit to BellSouth a notice of its intent to access and utilize BellSouth CNAM Database Services. Said notice shall be in writing no less than sixty (60) days prior to <<customer_short_name>>'s access to BellSouth's CNAM Database Services and shall be addressed to <<customer_short_name>>'s Local Contract Manager.

7.6.2.1 <<customer_short_name>>'s End Users' names and numbers related to UNE-P Services and shall be stored in the BellSouth CNAM database, and shall be available, on a per query basis only, to all entities that launch queries to the BellSouth CNAM database. BellSouth, at its sole discretion, may opt to interconnect with and query other calling name databases. In the event BellSouth does not query a third party calling name database that stores the calling party's information, BellSouth cannot deliver the calling party's information to a called End User. In addition, BellSouth cannot deliver the calling party's information where the calling party subscribes to any service that would block or otherwise cause the information to be unavailable.

7.6.2.2 For each <<customer_short_name>> End User that subscribes to a switch based vertical feature providing calling name information to that End User for calls received, BellSouth will launch a query on a per call basis to the BellSouth CNAM database, or, subject to Section 7.6.2.1 above, to a third party calling

name database, to provide calling name information, if available, to <<customer_short_name>>'s End User. <<customer_short_name>> shall pay the rates set forth in Exhibit A, on a per query basis, for each query to the BellSouth CNAM database made on behalf of an <<customer_short_name>> End User that subscribes to the appropriate vertical features that support Caller ID or a variation thereof. In addition, <<customer_short_name>> shall reimburse BellSouth for any charges BellSouth pays to third party calling name database providers for queries launched to such database providers for the benefit of <<customer_short_name>>'s End Users.

- 7.6.3 BellSouth currently does not have a billing mechanism for CNAM queries. Until a mechanized billing solution is available for CNAM queries, BellSouth shall bill <<customer_short_name>> at the applicable rates set forth in Exhibit A based on a surrogate of two hundred and fifty-six (256) database queries per month per <<customer_short_name>>'s End Users with the Caller ID feature.

7.7 SCE/SMS AIN Access

- 7.7.1 BellSouth's SCE/SMS AIN Access shall provide <<customer_short_name>> the capability to create service applications in a BellSouth SCE and deploy those applications in a BellSouth SMS to a BellSouth SCP.
- 7.7.2 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 <<customer_short_name>>. 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.
- 7.7.3 BellSouth SCP shall partition and protect <<customer_short_name>> service logic and data from unauthorized access.
- 7.7.4 When <<customer_short_name>> selects SCE/SMS AIN Access, BellSouth shall provide training, documentation, and technical support to enable <<customer_short_name>> to use BellSouth's SCE/SMS AIN Access to create and administer applications.
- 7.7.5 <<customer_short_name>> access will be provided via remote data connection (e.g., dial-in, ISDN).
- 7.7.6 BellSouth shall allow <<customer_short_name>> to download data forms and/or tables to BellSouth SCP via BellSouth SMS without intervention from BellSouth.

8 Automatic Location Identification/Data Management System

8.1 911 and E911 Databases

- 8.1.1 BellSouth shall provide <<customer_short_name>> with nondiscriminatory access to 911 and E911 databases on an unbundled basis, in accordance with 47 C.F.R. § 51.319 (f).
- 8.1.2 The ALI/DMS database contains End User information (including name, address, telephone information, and sometimes special information from the local service provider or End User) used to determine to which PSAP to route the call. The ALI/DMS database is used to provide enhanced routing flexibility for E911. <<customer_short_name>> will be required to provide the BellSouth 911 database vendor daily service order updates to E911 database in accordance with Section 8.2.1 below.
- 8.2 Technical Requirements
- 8.2.1 BellSouth's 911 database vendor shall provide <<customer_short_name>> the capability of providing updates to the ALI/DMS database through a specified electronic interface. <<customer_short_name>> shall contact BellSouth's 911 database vendor directly to request interface. <<customer_short_name>> shall provide updates directly to BellSouth's 911 database vendor on a daily basis. Updates shall be the responsibility of <<customer_short_name>> and BellSouth shall not be liable for the transactions between <<customer_short_name>> and BellSouth's 911 database vendor.
- 8.2.2 It is <<customer_short_name>>'s responsibility to retrieve and confirm statistical data and to correct errors obtained from BellSouth's 911 database vendor on a daily basis. All errors will be assigned a unique error code and the description of the error and the corrective action is described in the CLEC Users Guide for Facility Based Providers that is found on the BellSouth Interconnection Web site.
- 8.2.3 <<customer_short_name>> shall conform to the BellSouth standards as described in the CLEC Users Guide to E911 for Facilities Based Providers that is located on the BellSouth's Interconnection Web site:
www.interconnection.bellsouth.com/guides.
- 8.2.4 Stranded Unlocks are defined as End User records in BellSouth's ALI/DMS database that have not been migrated for over ninety (90) days to <<customer_short_name>>, as a new provider of local service to the End User. Stranded Unlocks are those End User records that have been "unlocked" by the previous local exchange carrier that provided service to the End User and are open for <<customer_short_name>> to assume responsibility for such records.
- 8.2.5 Based upon End User record ownership information available in the NPAC database, BellSouth shall provide a Stranded Unlock annual report to <<customer_short_name>> that reflects all Stranded Unlocks that remain in the ALI/DMS database for over ninety (90) days. <<customer_short_name>> shall review the Stranded Unlock report, identify its End User records and request to either delete such records or migrate the records to <<customer_short_name>>

within two (2) months following the date of the Stranded Unlock report provided by BellSouth. <<customer_short_name>> shall reimburse BellSouth for any charges BellSouth's database vendor imposes on BellSouth for the deletion of <<customer_short_name>>'s records.

- 8.3 911 PBX Locate Service®. 911 PBX Locate Service is comprised of a database capability and a separate transport component.
- 8.3.1 Description of Product. The transport component provides a dedicated trunk path from a Private Branch Exchange (PBX) switch to the appropriate BellSouth 911 tandem.
- 8.3.1.1 The database capability allows <<customer_short_name>> to offer an E911 service to its PBX End Users that identifies to the PSAP the physical location of the <<customer_short_name>> PBX 911 End User station telephone number for the 911 call that is placed by the End User.
- 8.3.2 <<customer_short_name>> may order either the database capability or the transport component as desired or <<customer_short_name>> may order both components of the service.
- 8.3.3 911 PBX Locate Database Capability. <<customer_short_name>>'s End User or <<customer_short_name>>'s End User's database management agent (DMA) must provide the End User PBX station telephone numbers and corresponding address and location data to BellSouth's 911 database vendor. The data will be loaded and maintained in BellSouth's ALI database.
- 8.3.4 Ordering, provisioning, testing and maintenance shall be provided by <<customer_short_name>> pursuant to the 911 PBX Locate Marketing Service Description (MSD) that is located on the BellSouth Interconnection Web site.
- 8.3.5 <<customer_short_name>>'s End User, or <<customer_short_name>>'s End User database management agent must provide ongoing updates to BellSouth's 911 database vendor within a commercially reasonable timeframe of all PBX station telephone number adds, moves and deletions. It will be the responsibility of <<customer_short_name>> to ensure that the End User or DMA maintain the data pertaining to each End User's extension managed by the 911 PBX Locate Service product. <<customer_short_name>> should not submit telephone number updates for specific PBX station telephone numbers that are submitted by <<customer_short_name>>'s End User, or <<customer_short_name>>'s End User DMA under the terms of 911 PBX Locate product.
- 8.3.5.1 <<customer_short_name>> must provision all PBX station numbers in the same LATA as the E911 tandem.
- 8.3.6 <<customer_short_name>> agrees to release, indemnify, defend and hold harmless BellSouth from any and all loss, claims, demands, suits, or other action,

or any liability whatsoever, whether suffered, made, instituted or asserted by <<customer_short_name>>'s End User or by any other party or person, for any personal injury to or death of any person or persons, or for any loss, damage or destruction of any property, whether owned by <<customer_short_name>> or others, or for any infringement or invasion of the right of privacy of any person or persons, caused or claimed to have been caused, directly or indirectly, by the installation, operation, failure to operate, maintenance, removal, presence, condition, location or use of PBX Locate Service features or by any services which are or may be furnished by BellSouth in connection therewith, including but not limited to the identification of the telephone number, address or name associated with the telephone used by the party or parties accessing 911 services using 911 PBX Locate Service hereunder, except to the extent caused by BellSouth's gross negligence or wilful misconduct. <<customer_short_name>> is responsible for assuring that its authorized End Users comply with the provisions of these terms and that unauthorized persons do not gain access to or use the 911 PBX Locate Service through user names, passwords, or other identifiers assigned to <<customer_short_name>>'s End User or DMA pursuant to these terms. Specifically, <<customer_short_name>>'s End User or DMA must keep and protect from use by any unauthorized individual identifiers, passwords, and any other security token(s) and devices that are provided for access to this product.

- 8.3.7 <<customer_short_name>> may only use BellSouth PBX Locate Service solely for the purpose of validating and correcting 911 related data for <<customer_short_name>>'s End Users' telephone numbers for which it has direct management authority.
- 8.3.8 911 PBX Locate Transport Component. The 911 PBX Locate Service transport component requires <<customer_short_name>> to order a CAMA type dedicated trunk from <<customer_short_name>>'s End User premise to the appropriate BellSouth 911 tandem pursuant to the following provisions.
- 8.3.8.1 Except as otherwise set forth below, a minimum of two (2) End User specific, dedicated 911 trunks are required between the <<customer_short_name>>'s End User premise and the BellSouth 911 tandem as described in BellSouth's Technical Reference (TR) 73576 and in accordance with the 911 PBX Locate Marketing Service Description located on the BellSouth Interconnection Web site. <<customer_short_name>> is responsible for connectivity between the End User's PBX and <<customer_short_name>>'s switch or POP location. <<customer_short_name>> will then order 911 trunks from their switch or POP location to the BellSouth 911 tandem. The dedicated trunks shall be, at a minimum, DS0 level trunks configured as part of a digital interface (delivered over a <<customer_short_name>> purchased DS1 facility that hands off at a DS1 or higher level digital or optical interface). <<customer_short_name>> is responsible for ensuring that the PBX switch is capable of sending the calling station's Direct Inward Dial (DID) telephone number to the BellSouth 911 tandem in a specified Multi-frequency (MF) Address Signaling Protocol. If the

PBX switch supports Primary Rate ISDN (PRI) and the calling stations are DID numbers, then the 911 call can be transmitted using PRI, and there will be no requirement for the PBX Locate Transport component.

8.3.9 Ordering and Provisioning. <<customer_short_name>> will submit an Access Service Request (ASR) to BellSouth to order a minimum of two (2) End User specific 911 trunks from its switch or POP location to the BellSouth 911 tandem.

8.3.9.1 Testing and maintenance shall be provided by <<customer_short_name>> pursuant to the 911 PBX Locate Marketing Service description that is located on the BellSouth Interconnection Web site.

8.3.10 Rates. Rates for the 911 PBX Locate Service database component are set forth in Exhibit A. Trunks and facilities for 911 PBX Locate transport component may be ordered by <<customer_short_name>> pursuant to the terms and conditions set forth in Attachment 3.

9 White Page Listings

9.1 BellSouth shall provide <<customer_short_name>> and its End Users access to white pages directory listings under the following terms:

9.1.1 Listings. <<customer_short_name>> shall provide all new, changed and deleted listings on a timely basis and BellSouth or its agent will include <<customer_short_name>> residential and business End User listings in the appropriate White Pages (residential and business) or alphabetical directories in the geographic areas covered by this Agreement. Directory listings will make no distinction between <<customer_short_name>> and BellSouth End Users. <<customer_short_name>> shall provide listing information in accordance with the procedures set forth in The BellSouth Business Rules for Local Ordering found at BellSouth's Interconnection Services Web site.

9.1.2 Unlisted/Non-Published End Users. <<customer_short_name>> will be required to provide to BellSouth the names, addresses and telephone numbers of all <<customer_short_name>> End Users who wish to be omitted from directories. Unlisted/Non-Published listings will be subject to the rates as set forth in BellSouth's GSST and shall not be subject to wholesale discount.

9.1.3 Inclusion of <<customer_short_name>> End Users in Directory Assistance Database. BellSouth will include and maintain <<customer_short_name>> End User listings in BellSouth's Directory Assistance databases. <<customer_short_name>> shall provide such Directory Assistance listings to BellSouth at no charge.

9.1.4 Listing Information Confidentiality. BellSouth will afford <<customer_short_name>>'s directory listing information the same level of confidentiality that BellSouth affords its own directory listing information.

- 9.1.5 Additional and Designer Listings. Additional and designer listings will be offered by BellSouth at tariffed rates as set forth in BellSouth's GSST and shall not be subject to the wholesale discount.
- 9.1.6 Rates. So long as <<customer_short_name>> provides listing information to BellSouth as set forth in Section 9.1.1 above, BellSouth shall provide to <<customer_short_name>> one (1) basic White Pages directory listing per <<customer_short_name>> End User at no charge other than applicable service order charges as set forth in BellSouth's tariffs. Except in the case of an LSR submitted solely to port a number from BellSouth, if such listing is requested on the initial LSR associated with the request for services, a single manual service order charge or electronic service order charge, as appropriate, as described in Attachment 6 of this Agreement, will apply to both the request for service and the request for the directory listing. Where a subsequent LSR is placed solely to request a directory listing, or is placed to port a number and request a directory listing, separate service order charges as set forth in BellSouth's tariffs shall apply, as well as the manual service order charge or the electronic service order charge, as appropriate, as described in Attachment 6.
- 9.2 Directories. BellSouth or its agent shall make available White Pages directories to <<customer_short_name>> End User at no charge or as specified in a separate agreement between <<customer_short_name>> and BellSouth's agent.
- 9.3 Procedures for submitting <<customer_short_name>> Subscriber Listing Information (SLI) are found in The BellSouth Business Rules for Local Ordering found at BellSouth's Interconnection Services Web site.
- 9.3.1 <<customer_short_name>> authorizes BellSouth to release all <<customer_short_name>> SLI provided to BellSouth by <<customer_short_name>> to qualifying third parties pursuant to either a license agreement or BellSouth's Directory Publishers Database Service (DPDS), GSST. Such <<customer_short_name>> SLI shall be intermingled with BellSouth's own End User listings and listings of any other CLEC that has authorized a similar release of SLI.
- 9.3.2 No compensation shall be paid to <<customer_short_name>> for BellSouth's receipt of <<customer_short_name>> 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 <<customer_short_name>>'s SLI, or costs on an ongoing basis to administer the release of <<customer_short_name>> SLI, <<customer_short_name>> shall pay to BellSouth its proportionate share of the reasonable costs associated therewith. At any time that costs may be incurred to administer the release of <<customer_short_name>>'s SLI, <<customer_short_name>> will be notified. If <<customer_short_name>> does not wish to pay its proportionate share of these reasonable costs, <<customer_short_name>> may instruct BellSouth that it does not wish to release

its SLI to independent publishers, and <<customer_short_name>> shall amend this Agreement accordingly. <<customer_short_name>> will be liable for all costs incurred until the effective date of the agreement.

- 9.3.3 Neither BellSouth nor any agent shall be liable for the content or accuracy of any SLI provided by <<customer_short_name>> under this Agreement. <<customer_short_name>> shall indemnify, except to the extent caused by BellSouth's gross negligence or willful misconduct, hold harmless and defend BellSouth and its agents 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 <<customer_short_name>> listings or use of the SLI provided pursuant to this Agreement. BellSouth may forward to <<customer_short_name>> any complaints received by BellSouth relating to the accuracy or quality of <<customer_short_name>> listings.

- 9.3.4 Listings and subsequent updates will be released consistent with BellSouth system changes and/or update scheduling requirements.

10. OSS

- 10.1 BellSouth has developed and made available electronic interfaces by which <<customer_short_name>> may submit LSRs electronically.
- 10.2 LSRs submitted by means of one of these electronic interfaces will incur an electronic service order charge. LSRs submitted by means other than one of these interactive interfaces (e.g., mail, fax, courier, etc.) will incur a manual order service charge. An individual LSR will be identified for billing purposes by its Purchase Order Number (PON). Electronic and manual service order charges are specified in Exhibit A.
- 10.3 BellSouth will bill the electronic or manual service order charge for Network Elements as applicable, for an LSR, regardless of whether that LSR is later supplemented, clarified or cancelled.
- 10.4 Notwithstanding the foregoing, BellSouth will not bill an additional electronic or manual service order charge for supplements to any LSR submitted to clarify, correct, change or cancel a previously submitted LSR.
- 10.5 Denial/Restoral OSS Charge. BellSouth shall bill electronic or manual service order charges for each account as defined in the BellSouth Local Ordering Handbook. In the event <<customer_short_name>> 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.

- 10.6 Network Elements and Other Services Manual Additive. The Commissions in some states have ordered per element manual additive NRC for Network Elements and Other Services ordered by means other than one of the interactive interfaces. These ordered Network Elements and Other Services manual additive NRCs will apply in these states, rather than the charge per LSR. The per element charges are listed in Exhibit A.

UNBUNDLED NETWORK ELEMENTS - Tennessee											Attachment: 2 Exh. A								
CATEGORY	RATE ELEMENTS				Interim	Zone	BCS	USOC	RATES(\$)				Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l	
								Rec	Nonrecurring		Nonrecurring Disconnect		OSS Rates(\$)						
									First	Add'l	First	Add'l	SOMECS	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN	
The "Zone" shown in the sections for stand-alone loops or loops as part of a combination refers to Geographically Deaveraged UNE Zones. To view Geographically Deaveraged UNE Zone Designations by Central Office, refer to internet Website: http://www.interconnection.bellsouth.com/become_a_clec/html/interconnection.htm																			
OPERATIONS SUPPORT SYSTEMS (OSS) - "REGIONAL RATES"																			
NOTE: (1) CLEC should contact its contract negotiator if it prefers the "state specific" OSS charges as ordered by the State Commissions. The OSS charges currently contained in this rate exhibit are the BellSouth "regional" service ordering charges. CLEC may elect either the state specific Commission ordered rates for the service ordering charges, or CLEC may elect the regional service ordering charge, however, CLEC can not obtain a mixture of the two regardless if CLEC has a interconnection contract established in each of the 9 states.																			
NOTE: (2) Any element that can be ordered electronically will be billed according to the SOMECS rate listed in this category. Please refer to BellSouth's Local Ordering Handbook (LOH) to determine if a product can be ordered electronically. For those elements that cannot be ordered electronically at present per the LOH, the listed SOMECS rate in this category reflects the charge that would be billed to a CLEC once electronic ordering capabilities come on-line for that element. Otherwise, the manual ordering charge, SOMAN, will be applied to a CLECs bill when it submits an LSR to BellSouth.																			
NOTE: (3) OSS - Manual Service Order Charge, Per Element - UNE Only **Please see applicable rate element for SOMAN charge**																			
		OSS - Electronic Service Order Charge, Per Local Service Request (LSR) - UNE Only						SOMECS		3.50	0.00	3.50	0.00						
UNE SERVICE DATE ADVANCEMENT CHARGE																			
NOTE: The Expedite charge will be maintained commensurate with BellSouth's FCC No.1 Tariff, Section 5 as applicable.																			
		UNE Expedite Charge per Circuit or Line Assignable USOC, per Day						UAL, UEANL, UCL, UEF, UDF, UEQ, UDL, UENTW, UDN, UEA, UHL, ULC, USL, U1T12, U1T48, U1TD1, U1TD3, U1TDX, U1TO3, U1TS1, U1TVX, UC1BC, UC1BL, UC1CC, UC1CL, UC1DC, UC1DL, UC1EC, UC1EL, UC1FC, UC1FL, UC1GC, UC1GL, UC1HC, UC1HL, UDL12, UDL48, UDL03, UDL5X, UE3, ULD12, ULD48, ULDD1, ULDD3, ULDDX, ULDO3, ULDS1, ULDVX, UNC1X, UNC3X, UNCDX, UNCNX, UNCSX, UNCVX, UNLD1, UNLD3, UXTD1, UXTD3, UXTS1, U1TUC, U1TUD, U1TUB, U1TUA, NTCVG, NTCUD, NTCDD1	SDASP		200.00	200.00							
ORDER MODIFICATION CHARGE																			
		Order Modification Charge (OMC)								26.21	0.00	0.00	0.00						
		Order Modification Additional Dispatch Charge (OMCAD)								150.00	0.00	0.00	0.00						
UNBUNDLED EXCHANGE ACCESS LOOP																			
2-WIRE ANALOG VOICE GRADE LOOP																			
		2-Wire Analog Voice Grade Loop - Service Level 1- Zone 1					1	UEANL	UEAL2	11.74	31.99	20.02	10.65	1.41		20.35	10.54	13.32	13.32
		2-Wire Analog Voice Grade Loop - Service Level 1- Zone 2					2	UEANL	UEAL2	17.59	31.99	20.02	10.65	1.41		20.35	10.54	13.32	13.32
		2-Wire Analog Voice Grade Loop - Service Level 1- Zone 3					3	UEANL	UEAL2	29.37	31.99	20.02	10.65	1.41		20.35	10.54	13.32	13.32
		2-Wire Analog Voice Grade Loop - Service Level 1- Zone 1					1	UEANL	UEASL	11.74	31.99	20.02	10.65	1.41		20.35	10.54	13.32	13.32
		2-Wire Analog Voice Grade Loop - Service Level 1- Zone 2					2	UEANL	UEASL	17.59	31.99	20.02	10.65	1.41		20.35	10.54	13.32	13.32
		2-Wire Analog Voice Grade Loop - Service Level 1- Zone 3					3	UEANL	UEASL	29.37	31.99	20.02	10.65	1.41		20.35	10.54	13.32	13.32
		Unbundled Miscellaneous Rate Element, Tag Loop at End User Premise						UEANL	URETL		8.95	0.88							
		Loop Testing - Basic 1st Half Hour						UEANL	URET1		57.67	0.00							

UNBUNDLED NETWORK ELEMENTS - Tennessee												Attachment: 2 Exh. A					
CATEGORY	RATE ELEMENTS		Interim	Zone	BCS	USOC	RATES(\$)				Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l	
							Rec	Nonrecurring First	Add'l	Nonrecurring Disconnect First	Add'l	OSS Rates(\$)					
												SOMEc	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN
		Loop Testing - Basic Additional Half Hour			UEANL	URETA		37.44	37.44								
		CLEC to CLEC Conversion Charge Without Outside Dispatch (UVL-SL1)			UEANL	UREWO		15.80	8.95				20.35	10.54	13.32	13.32	
		Unbundled Voice Loop, Non-Design Voice Loop, billing for BST providing make-up (Engineering Information - E.I.)			UEANL	UEANM		25.33	25.33								
		Manual Order Coordination for UVL-SL1s (per loop)			UEANL	UEAMC		36.52	36.52								
	2-WIRE Unbundled COPPER LOOP																
		2-Wire Unbundled Copper Loop - Non-Designed Zone 1		1	UEQ	UEQ2X	11.74	31.99	20.02	10.65	1.41		20.35	10.54	13.32	13.32	
		2 Wire Unbundled Copper Loop - Non-Designed - Zone 2		2	UEQ	UEQ2X	17.59	31.99	20.02	10.65	1.41		20.35	10.54	13.32	13.32	
		2 Wire Unbundled Copper Loop - Non-Designed - Zone 3		3	UEQ	UEQ2X	29.37	31.99	20.02	10.65	1.41		20.35	10.54	13.32	13.32	
		Unbundled Miscellaneous Rate Element, Tag Loop at End User Premise			UEQ	URETL		8.95	0.88								
		Manual Order Coordination 2 Wire Unbundled Copper Loop - Non-Designed (per loop)			UEQ	USBMC		36.52	36.52								
		Unbundled Copper Loop, Non-Design Copper Loop, billing for BST providing make-up (Engineering Information - E.I.)			UEQ	UEQMU		25.33	25.33				20.35	10.54	13.32	13.32	
		Loop Testing - Basic 1st Half Hour			UEQ	URET1		57.67	0.00								
		Loop Testing - Basic Additional Half Hour			UEQ	URETA		37.44	37.44								
		CLEC to CLEC Conversion Charge Without Outside Dispatch (UCL-ND)			UEQ	UREWO		14.29	7.44				20.35	10.54	13.32	13.32	
UNBUNDLED EXCHANGE ACCESS LOOP																	
	2-WIRE ANALOG VOICE GRADE LOOP																
		2-Wire Analog Voice Grade Loop - Service Level 2 w/Loop or Ground Start Signaling - Zone 1		1	UEA, NTCVG	UEAL2	14.74	75.06	48.20	28.70	17.64		20.35	10.54	13.32	13.32	
		2-Wire Analog Voice Grade Loop - Service Level 2 w/Loop or Ground Start Signaling - Zone 2		2	UEA, NTCVG	UEAL2	22.08	75.06	48.20	28.70	17.64		20.35	10.54	13.32	13.32	
		2-Wire Analog Voice Grade Loop - Service Level 2 w/Loop or Ground Start Signaling - Zone 3		3	UEA, NTCVG	UEAL2	36.87	75.06	48.20	28.70	17.64		20.35	10.54	13.32	13.32	
		2-Wire Analog Voice Grade Loop - Service Level 2 w/Reverse Battery Signaling - Zone 1		1	UEA, NTCVG	UEAR2	14.74	75.06	48.20	28.70	17.64		20.35	10.54	13.32	13.32	
		2-Wire Analog Voice Grade Loop - Service Level 2 w/Reverse Battery Signaling - Zone 2		2	UEA, NTCVG	UEAR2	22.08	75.06	48.20	28.70	17.64		20.35	10.54	13.32	13.32	
		2-Wire Analog Voice Grade Loop - Service Level 2 w/Reverse Battery Signaling - Zone 3		3	UEA, NTCVG	UEAR2	36.87	75.06	48.20	28.70	17.64		20.35	10.54	13.32	13.32	
		Switch-As-Is Conversion rate per UNE Loop, Single LSR, (per DS0)			UEA, NTCVG	URES L		20.61	2.96				20.35	10.54	13.32	13.32	
		Switch-As-Is Conversion rate per UNE Loop, Spreadsheet, (per DS0)			UEA, NTCVG	URES P		21.94	4.29								
		CLEC to CLEC Conversion Charge without outside dispatch			UEA, NTCVG	UREWO		75.06	36.41				20.35	10.54	13.32	13.32	
		Loop Tagging - Service Level 2 (SL2)			UEA, NTCVG	URETL		11.23	1.10								
	4-WIRE ANALOG VOICE GRADE LOOP																
		4-Wire Analog Voice Grade Loop - Zone 1		1	UEA, NTCVG	UEAL4	21.98	122.76	85.57	76.35	39.16		20.35	10.54	13.32	13.32	
		4-Wire Analog Voice Grade Loop - Zone 2		2	UEA, NTCVG	UEAL4	32.93	122.76	85.57	76.35	39.16		20.35	10.54	13.32	13.32	
		4-Wire Analog Voice Grade Loop - Zone 3		3	UEA, NTCVG	UEAL4	54.99	122.76	85.57	76.35	39.16		20.35	10.54	13.32	13.32	
		Switch-As-Is Conversion rate per UNE Loop, Single LSR, (per DS0)			UEA, NTCVG	URES L		20.61	2.96				20.35	10.54	13.32	13.32	
		Switch-As-Is Conversion rate per UNE Loop, Spreadsheet, (per DS0)			UEA, NTCVG	URES P		21.94	4.29								
		CLEC to CLEC Conversion Charge without outside dispatch			UEA, NTCVG	UREWO		75.06	36.41				20.35	10.54	13.32	13.32	
	2-WIRE ISDN DIGITAL GRADE LOOP																
		2-Wire ISDN Digital Grade Loop - Zone 1		1	UDN	U1L2X	19.77	142.76	88.88	76.35	39.16		20.35	10.54	13.32	13.32	
		2-Wire ISDN Digital Grade Loop - Zone 2		2	UDN	U1L2X	29.63	142.76	88.88	76.35	39.16		20.35	10.54	13.32	13.32	
		2-Wire ISDN Digital Grade Loop - Zone 3		3	UDN	U1L2X	49.47	142.76	88.88	76.35	39.16		20.35	10.54	13.32	13.32	
		CLEC to CLEC Conversion Charge without outside dispatch			UDN	UREWO		91.77	44.22				20.35	10.54	13.32	13.32	
	2-WIRE ASYMMETRICAL DIGITAL SUBSCRIBER LINE (ADSL) COMPATIBLE LOOP																
		2 Wire Unbundled ADSL Loop including manual service inquiry & facility reservation - Zone 1		1	UAL	UAL2X	12.30	156.95	64.54	89.64	16.93		20.35	10.54	13.32	13.32	
		2 Wire Unbundled ADSL Loop including manual service inquiry & facility reservation - Zone 2		2	UAL	UAL2X	18.43	156.95	64.54	89.64	16.93		20.35	10.54	13.32	13.32	

UNBUNDLED NETWORK ELEMENTS - Tennessee											Attachment: 2 Exh. A						
CATEGORY	RATE ELEMENTS		Interim	Zone	BCS	USOC	RATES(\$)					Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l
							Rec	Nonrecurring First	Add'l	Nonrecurring First	Disconnect Add'l	SOMEc	SOMAN	OSS Rates(\$)			
		2 Wire Unbundled ADSL Loop including manual service inquiry & facility reservation - Zone 3		3	UAL	UAL2X	30.77	156.95	64.54	89.64	16.93			20.35	10.54	13.32	13.32
		2 Wire Unbundled ADSL Loop without manual service inquiry & facility reservation - Zone 1		1	UAL	UAL2W	12.30	89.40	35.91	72.02	11.48			20.35	10.54	13.32	13.32
		2 Wire Unbundled ADSL Loop without manual service inquiry & facility reservation - Zone 2		2	UAL	UAL2W	18.43	89.40	35.91	72.02	11.48			20.35	10.54	13.32	13.32
		2 Wire Unbundled ADSL Loop without manual service inquiry & facility reservation - Zone 3		3	UAL	UAL2W	30.77	89.40	35.91	72.02	11.48			20.35	10.54	13.32	13.32
		CLEC to CLEC Conversion Charge without outside dispatch			UAL	UREWO		31.99	20.02					20.35	10.54	13.32	13.32
		2-WIRE HIGH BIT RATE DIGITAL SUBSCRIBER LINE (HDSL) COMPATIBLE LOOP															
		2 Wire Unbundled HDSL Loop including manual service inquiry & facility reservation - Zone 1		1	UHL	UHL2X	9.64	158.94	65.20	89.64	16.93			20.35	10.54	13.32	13.32
		2 Wire Unbundled HDSL Loop including manual service inquiry & facility reservation - Zone 2		2	UHL	UHL2X	14.44	158.94	65.20	89.64	16.93			20.35	10.54	13.32	13.32
		2 Wire Unbundled HDSL Loop including manual service inquiry & facility reservation - Zone 3		3	UHL	UHL2X	24.12	158.94	65.20	89.64	16.93			20.35	10.54	13.32	13.32
		2 Wire Unbundled HDSL Loop without manual service inquiry and facility reservation - Zone 1		1	UHL	UHL2W	9.64	89.40	35.91	72.02	11.48			20.35	10.54	13.32	13.32
		2 Wire Unbundled HDSL Loop without manual service inquiry and facility reservation - Zone 2		2	UHL	UHL2W	14.44	89.40	35.91	72.02	11.48			20.35	10.54	13.32	13.32
		2 Wire Unbundled HDSL Loop without manual service inquiry and facility reservation - Zone 3		3	UHL	UHL2W	24.12	89.40	35.91	72.02	11.48			20.35	10.54	13.32	13.32
		CLEC to CLEC Conversion Charge without outside dispatch			UHL	UREWO		31.99	20.02					20.35	10.54	13.32	13.32
		4-WIRE HIGH BIT RATE DIGITAL SUBSCRIBER LINE (HDSL) COMPATIBLE LOOP															
		4 Wire Unbundled HDSL Loop including manual service inquiry and facility reservation - Zone 1		1	UHL	UHL4X	12.40	169.62	75.89	39.73	19.53			20.35	10.54	13.32	13.32
		4-Wire Unbundled HDSL Loop including manual service inquiry and facility reservation - Zone 2		2	UHL	UHL4X	18.58	169.62	75.89	39.73	19.53			20.35	10.54	13.32	13.32
		4-Wire Unbundled HDSL Loop including manual service inquiry and facility reservation - Zone 3		3	UHL	UHL4X	31.03	169.62	75.89	39.73	19.53			20.35	10.54	13.32	13.32
		4-Wire Unbundled HDSL Loop without manual service inquiry and facility reservation - Zone 1		1	UHL	UHL4W	12.40	100.09	46.60	75.75	13.97			20.35	10.54	13.32	13.32
		4-Wire Unbundled HDSL Loop without manual service inquiry and facility reservation - Zone 2		2	UHL	UHL4W	18.58	100.09	46.60	75.75	13.97			20.35	10.54	13.32	13.32
		4-Wire Unbundled HDSL Loop without manual service inquiry and facility reservation - Zone 3		3	UHL	UHL4W	31.03	100.09	46.60	75.75	13.97			20.35	10.54	13.32	13.32
		CLEC to CLEC Conversion Charge without outside dispatch			UHL	UREWO		31.99	20.02					20.35	10.54	13.32	13.32
		4-WIRE DS1 DIGITAL LOOP															
		4-Wire DS1 Digital Loop - Zone 1		1	USL, NTCDD1	USLXX	51.38	313.08	219.72	96.86	40.45			18.98	8.43	11.95	11.95
		4-Wire DS1 Digital Loop - Zone 2		2	USL, NTCDD1	USLXX	76.98	313.08	219.72	96.86	40.45			18.98	8.43	11.95	11.95
		4-Wire DS1 Digital Loop - Zone 3		3	USL, NTCDD1	USLXX	128.54	313.08	219.72	96.86	40.45			18.98	8.43	11.95	11.95
		Switch-As-Is Conversion rate per UNE Loop, Single LSR, (per DS1)			USL, NTCDD1	URES		20.61	2.96								
		Switch-As-Is Conversion rate per UNE Loop, Spreadsheet, (per DS1)			USL, NTCDD1	URES		21.94	4.29								
		CLEC to CLEC Conversion Charge without outside dispatch			USL	UREWO		130.47	40.11					20.35	10.54	13.32	13.32
		4-WIRE 19.2, 56 OR 64 KBPS DIGITAL GRADE LOOP															
		4 Wire Unbundled Digital 19.2 Kbps		1	UDL, NTCUD	UDL19	27.68	207.01	141.38	90.70	44.18			20.35	10.54	13.32	13.32
		4 Wire Unbundled Digital 19.2 Kbps		2	UDL, NTCUD	UDL19	41.47	207.01	141.38	90.70	44.18			20.35	10.54	13.32	13.32
		4 Wire Unbundled Digital 19.2 Kbps		3	UDL, NTCUD	UDL19	69.24	207.01	141.38	90.70	44.18			20.35	10.54	13.32	13.32
		4 Wire Unbundled Digital Loop 56 Kbps - Zone 1		1	UDL, NTCUD	UDL56	27.68	207.01	141.38	90.70	44.18			20.35	10.54	13.32	13.32
		4 Wire Unbundled Digital Loop 56 Kbps - Zone 2		2	UDL, NTCUD	UDL56	41.47	207.01	141.38	90.70	44.18			20.35	10.54	13.32	13.32
		4 Wire Unbundled Digital Loop 56 Kbps - Zone 3		3	UDL, NTCUD	UDL56	69.24	207.01	141.38	90.70	44.18			20.35	10.54	13.32	13.32
		4 Wire Unbundled Digital Loop 64 Kbps - Zone 1		1	UDL, NTCUD	UDL64	27.68	207.01	141.38	90.70	44.18			20.35	10.54	13.32	13.32
		4 Wire Unbundled Digital Loop 64 Kbps - Zone 2		2	UDL, NTCUD	UDL64	41.47	207.01	141.38	90.70	44.18			20.35	10.54	13.32	13.32
		4 Wire Unbundled Digital Loop 64 Kbps - Zone 3		3	UDL, NTCUD	UDL64	69.24	207.01	141.38	90.70	44.18			20.35	10.54	13.32	13.32
		Switch-As-Is Conversion rate per UNE Loop, Single LSR, (per DS0)			UDL, NTCUD	URES		20.61	2.96					20.35	10.54	13.32	13.32
		Switch-As-Is Conversion rate per UNE Loop, Spreadsheet, (per DS0)			UDL, NTCUD	URES		21.94	4.29								

UNBUNDLED NETWORK ELEMENTS - Tennessee													Attachment: 2 Exh. A				
CATEGORY	RATE ELEMENTS		Interim	Zone	BCS	USOC	RATES(\$)				Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l	
							Rec	Nonrecurring First	Add'l	Nonrecurring First	Disconnect Add'l	OSS Rates(\$)					
		CLEC to CLEC Conversion Charge without outside dispatch			UDL, NTCUD	UREWO		102.28	49.82			SOMEc	SOMAN	SOMAN	SOMAN	SOMAN	
		2-WIRE Unbundled COPPER LOOP															
		2-Wire Unbundled Copper Loop-Designed including manual service inquiry & facility reservation - Zone 1		1	UCL	UCLPB	11.74	31.99	20.02	10.65	1.41			20.35	10.54	13.32	13.32
		2-Wire Unbundled Copper Loop-Designed including manual service inquiry & facility reservation - Zone 2		2	UCL	UCLPB	17.59	31.99	20.02	10.65	1.41			20.35	10.54	13.32	13.32
		2 Wire Unbundled Copper Loop-Designed including manual service inquiry & facility reservation - Zone 3		3	UCL	UCLPB	29.37	31.99	20.02	10.65	1.41			20.35	10.54	13.32	13.32
		2-Wire Unbundled Copper Loop-Designed without manual service inquiry and facility reservation - Zone 1		1	UCL	UCLPW	11.74	31.99	20.02	10.65	1.41			20.35	10.54	13.32	13.32
		2-Wire Unbundled Copper Loop-Designed without manual service inquiry and facility reservation - Zone 2		2	UCL	UCLPW	17.59	31.99	20.02	10.65	1.41			20.35	10.54	13.32	13.32
		2-Wire Unbundled Copper Loop-Designed without manual service inquiry and facility reservation - Zone 3		3	UCL	UCLPW	29.37	31.99	20.02	10.65	1.41			20.35	10.54	13.32	13.32
		CLEC to CLEC Conversion Charge without outside dispatch (UCL-Des)			UCL	UREWO		31.99	20.02					20.35	10.54	13.32	13.32
		4-WIRE COPPER LOOP															
		4-Wire Copper Loop-Designed including manual service inquiry and facility reservation - Zone 1		1	UCL	UCL4S	21.98	122.76	85.57	76.35	39.16			20.35	10.54	13.32	13.32
		4-Wire Copper Loop-Designed including manual service inquiry and facility reservation - Zone 2		2	UCL	UCL4S	32.93	122.76	85.57	76.35	39.16			20.35	10.54	13.32	13.32
		4-Wire Copper Loop-Designed including manual service inquiry and facility reservation - Zone 3		3	UCL	UCL4S	54.99	122.76	85.57	76.35	39.16			20.35	10.54	13.32	13.32
		4-Wire Copper Loop-Designed without manual service inquiry and facility reservation - Zone 1		1	UCL	UCL4W	21.98	122.76	85.57	76.35	39.16			20.35	10.54	13.32	13.32
		4-Wire Copper Loop-Designed without manual service inquiry and facility reservation - Zone 2		2	UCL	UCL4W	32.93	122.76	85.57	76.35	39.16			20.35	10.54	13.32	13.32
		4-Wire Copper Loop-Designed without manual service inquiry and facility reservation - Zone 3		3	UCL	UCL4W	54.99	122.76	85.57	76.35	39.16			20.35	10.54	13.32	13.32
		CLEC to CLEC Conversion Charge without outside dispatch (UCL-Des)			UCL	UREWO		31.99	20.02					20.35	10.54	13.32	13.32
		Order Coordination for Unbundled Copper Loops (per loop)			UCL	UCLMC		36.52	36.52								
		Order Coordination for Specified Conversion Time (per LSR)			UEA, UDN, UAL, UHL, UDL, NTCVG, NTCUD, USL, NTCDD1, UEANL	OCOSL		34.29									
LOOP MODIFICATION																	
		Unbundled Loop Modification, Removal of Load Coils - 2 Wire pair less than or equal to 18k ft. per Unbundled Loop			UAL, UHL, UCL, UEQ, ULS, UEA, UEANL, UEPSR, UEPSB	ULM2L		65.40	65.40								
		Unbundled Loop Modification Removal of Load Coils - 4 Wire less than or equal to 18K ft. per Unbundled Loop			UHL, UCL, UEA	ULM4L		65.40	65.40								
		Unbundled Loop Modification Removal of Bridged Tap Removal, per unbundled loop			UAL, UHL, UCL, UEQ, ULS, UEA, UEANL, UEPSR, UEPSB	ULMBT		65.44	65.44								
SUB-LOOPS																	
		Sub-Loop Distribution															
		Sub-Loop - Per Cross Box Location - CLEC Feeder Facility Set-Up			UEANL, UEF	USBSA		517.25	517.25					20.35	10.54	13.32	13.32
		Sub-Loop - Per Cross Box Location - Per 25 Pair Panel Set-Up			UEANL, UEF	USBSB		42.68	42.68					20.35	10.54	13.32	13.32
		Sub-Loop - Per Building Equipment Room - CLEC Feeder Facility Set-Up			UEANL	USBSC		313.01	313.01					20.35	10.54	13.32	13.32
		Sub-Loop - Per Building Equipment Room - Per 25 Pair Panel Set-Up			UEANL	USBSD		108.06	108.06					20.35	10.54	13.32	13.32
		Sub-Loop Distribution Per 2-Wire Analog Voice Grade Loop - Statewide			UEANL	USBN2	10.02	148.84	112.34	73.14	36.65			20.35	10.54	13.32	13.32

UNBUNDLED NETWORK ELEMENTS - Tennessee												Attachment: 2 Exh. A					
CATEGORY		RATE ELEMENTS	Interim	Zone	BCS	USOC	RATES(\$)				Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l	
							Rec	Nonrecurring First	Add'l	Nonrecurring Disconnect First	Add'l	SOMEK	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN
		Order Coordination for Unbundled Sub-Loops, per sub-loop pair			UEANL	USBMC		34.29	34.29								
		Sub-Loop Distribution Per 4-Wire Analog Voice Grade Loop - Zone 1		1	UEANL	USBN4	6.54	106.85	51.20	74.08	11.55			20.35	10.54	13.32	13.32
		Sub-Loop Distribution Per 4-Wire Analog Voice Grade Loop - Zone 2		2	UEANL	USBN4	9.80	106.85	51.20	74.08	11.55			20.35	10.54	13.32	13.32
		Sub-Loop Distribution Per 4-Wire Analog Voice Grade Loop - Zone 3		3	UEANL	USBN4	16.36	106.85	51.20	74.08	11.55			20.35	10.54	13.32	13.32
		Order Coordination for Unbundled Sub-Loops, per sub-loop pair			UEANL	USBMC		34.29	34.29								
		Sub-Loop 2-Wire Intrabuilding Network Cable (INC)			UEANL	USBR2	1.35	94.56	29.35					20.35	10.54	13.32	13.32
		Order Coordination for Unbundled Sub-Loops, per sub-loop pair			UEANL	USBMC		34.29	34.29								
		Sub-Loop 4-Wire Intrabuilding Network Cable (INC)			UEANL	USBR4	2.26	116.14	37.10					20.35	10.54	13.32	13.32
		Order Coordination for Unbundled Sub-Loops, per sub-loop pair			UEANL	USBMC		34.29	34.29								
		Loop Testing - Basic 1st Half Hour			UEANL	URET1		57.67	0.00								
		Loop Testing - Basic Additional Half Hour			UEANL	URETA		37.44	37.44								
		2 Wire Copper Unbundled Sub-Loop Distribution - Zone 1		1	UEF	UCS2X	4.67	81.40	25.75	70.82	9.55			20.35	10.54	13.32	13.32
		2 Wire Copper Unbundled Sub-Loop Distribution - Zone 2		2	UEF	UCS2X	6.99	81.40	25.75	70.82	9.55			20.35	10.54	13.32	13.32
		2 Wire Copper Unbundled Sub-Loop Distribution - Zone 3		3	UEF	UCS2X	11.67	81.40	25.75	70.82	9.55			20.35	10.54	13.32	13.32
		Order Coordination for Unbundled Sub-Loops, per sub-loop pair			UEF	USBMC		34.29	34.29								
		4 Wire Copper Unbundled Sub-Loop Distribution - Zone 1		1	UEF	UCS4X	5.85	81.74	26.08	74.08	11.55			20.35	10.54	13.32	13.32
		4 Wire Copper Unbundled Sub-Loop Distribution - Zone 2		2	UEF	UCS4X	8.76	81.74	26.08	74.08	11.55			20.35	10.54	13.32	13.32
		4 Wire Copper Unbundled Sub-Loop Distribution - Zone 3		3	UEF	UCS4X	14.63	81.74	26.08	74.08	11.55			20.35	10.54	13.32	13.32
		Order Coordination for Unbundled Sub-Loops, per sub-loop pair			UEF	USBMC		34.29	34.29								
		Loop Tagging Service Level 1, Unbundled Copper Loop, Non-Designed and Distribution Subloops			UEF, UEANL	URETL		8.95	0.88								
		Loop Testing - Basic 1st Half Hour			UEF	URET1		57.67	0.00								
		Loop Testing - Basic Additional Half Hour			UEF	URETA		37.44	37.44								
		Unbundled Sub-Loop Modification															
		Unbundled Sub-Loop Modification - 2-W Copper Dist Load Coil/Equip Removal per 2-W PR			UEF	ULM2X		335.36	7.82								
		Unbundled Sub-loop Modification - 4-W Copper Dist Load Coil/Equip Removal per 4-W PR			UEF	ULM4X		335.36	7.82								
		Unbundled Loop Modification, Removal of Bridge Tap, per unbundled loop			UEF	ULMBT		528.48	9.74								
		Unbundled Network Terminating Wire (UNTW)															
		Unbundled Network Terminating Wire (UNTW) per Pair			UENTW	UENPP	0.4555	2.48	2.48	0.5814	0.5814			20.35	10.54	13.32	13.32
		Network Interface Device (NID)															
		Network Interface Device (NID) - 1-2 lines			UENTW	UND12		63.46	31.06	0.6391	0.6391			20.35	10.54	13.32	13.32
		Network Interface Device (NID) - 1-6 lines			UENTW	UND16		63.46	31.06	0.6522	0.6522			20.35	10.54	13.32	13.32
		Network Interface Device Cross Connect - 2 W			UENTW	UNDC2		8.75	8.75					20.35	10.54	13.32	13.32
		Network Interface Device Cross Connect - 4W			UENTW	UNDC4		8.75	8.75					20.35	10.54	13.32	13.32
UNE OTHER, PROVISIONING ONLY - NO RATE																	
		Unbundled Contact Name, Provisioning Only - no rate			UAL, UCL, UDC, UDL, UDN, UEA, UHL, UEANL, UEF, UEQ, UENTW, NTCVG, NTCUD, NTCDD1, USL	UNECN	0.00	0.00									
		Unbundled DS1 Loop - Superframe Format Option - no rate			USL	CCOSF	0.00	0.00									
		Unbundled DS1 Loop - Expanded Superframe Format option - no rate			USL	CCOEF	0.00	0.00									
		NID - Dispatch and Service Order for NID installation			UENTW	UNDBX	0.00	0.00									
		UNTW Circuit Establishment, Provisioning Only - No Rate			UENTW	UENCE	0.00	0.00									
HIGH CAPACITY UNBUNDLED LOCAL LOOP																	
NOTE: minimum billing period of three months for DS3/STS-1 Local Loop																	

UNBUNDLED NETWORK ELEMENTS - Tennessee													Attachment: 2 Exh. A				
CATEGORY	RATE ELEMENTS		Interim	Zone	BCS	USOC	RATES(\$)				Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l	
							Rec	Nonrecurring First	Add'l	Nonrecurring First	Disconnect Add'l	OSS Rates(\$)					
												SOMEc	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN
		High Capacity Unbundled Local Loop - DS3 - Per Mile per month			UE3	1L5ND	9.19										
		High Capacity Unbundled Local Loop - DS3 - Facility Termination per month			UE3	UE3PX	374.24	595.37	304.50	234.83	170.16			36.84	36.84	19.01	19.01
		High Capacity Unbundled Local Loop - STS-1 - Per Mile per month			UDLSX	1L5ND	9.19										
		High Capacity Unbundled Local Loop - STS-1 - Facility Termination per month			UDLSX	UDLS1	389.35	595.37	304.50	215.82	151.15			36.84	36.84	19.01	19.01
LOOP MAKE-UP																	
		Loop Makeup - Preordering Without Reservation, per working or spare facility queried (Manual).			UMK	UMKLW		0.76	0.76					20.35	10.54	13.32	13.32
		Loop Makeup - Preordering With Reservation, per spare facility queried (Manual).			UMK	UMKLP		0.76	0.76					20.35	10.54	13.32	13.32
		Loop Makeup--With or Without Reservation, per working or spare facility queried (Mechanized)			UMK	UMKMQ		0.76	0.76					20.35	10.54	13.32	13.32
LINE SPLITTING																	
END USER ORDERING-CENTRAL OFFICE BASED																	
		Line Splitting - per line activation DLEC owned splitter			UEPSR UEPSB	UREOS	0.61										
		Line Splitting - per line activation BST owned - physical			UEPSR UEPSB	UREBP	0.61	48.96	21.39	35.06	10.79			20.35	10.54	13.32	13.32
		Line Splitting - per line activation BST owned - virtual			UEPSR UEPSB	UREBV	0.61	48.96	21.39	35.06	10.79			20.35	10.54	13.32	13.32
UNBUNDLED EXCHANGE ACCESS LOOP																	
2-WIRE ANALOG VOICE GRADE LOOP																	
		2 Wire Analog Voice Grade Loop-Service Level 1-Line Splitting-Zone 1		1	UEPSR UEPSB	UEALS	11.74	31.99	20.02	10.65	1.41			20.35	10.54	13.32	13.32
		2 Wire Analog Voice Grade Loop-Service Level 1-Line Splitting-Zone 1		1	UEPSR UEPSB	UEABS	11.74	31.99	20.02	10.65	1.41			20.35	10.54	13.32	13.32
		2 Wire Analog Voice Grade Loop- Service Level 1-Line Splitting-Zone 2		2	UEPSR UEPSB	UEALS	17.59	31.99	20.02	10.65	1.41			20.35	10.54	13.32	13.32
		2 Wire Analog Voice Grade Loop- Service Level 1-Line Splitting-Zone 2		2	UEPSR UEPSB	UEABS	17.59	31.99	20.02	10.65	1.41			20.35	10.54	13.32	13.32
		2 Wire Analog Voice Grade Loop-Service Level 1-Line Splitting-Zone 3		3	UEPSR UEPSB	UEALS	29.37	31.99	20.02	10.65	1.41			20.35	10.54	13.32	13.32
		2 Wire Analog Voice Grade Loop-Service Level 1-Line Splitting-Zone 3		3	UEPSR UEPSB	UEABS	29.37	31.99	20.02	10.65	1.41			20.35	10.54	13.32	13.32
PHYSICAL COLLOCATION																	
		Physical Collocation-2 Wire Cross Connects (Loop) for Line Splitting			UEPSR UEPSB	PE1LS	0.0475	11.62	9.90	10.38	8.66			0.00	0.00	0.00	0.00
VIRTUAL COLLOCATION																	
		Virtual Collocation-2 Wire Cross Connects (Loop) for Line Splitting			UEPSR UEPSB	VE1LS	0.57	11.62	9.90	10.38	8.66			2.07	2.81	0.67	1.41
UNBUNDLED DEDICATED TRANSPORT																	
INTEROFFICE CHANNEL - DEDICATED TRANSPORT																	
		Interoffice Channel - Dedicated Transport - 2-Wire Voice Grade - Per Mile per month			U1TVX	1L5XX	0.0174										
		Interoffice Channel - Dedicated Transport- 2- Wire Voice Grade - Facility Termination			U1TVX	U1TV2	18.58	55.39	17.37	27.96	3.51			20.35	21.09	9.80	10.54
		Interoffice Channel - Dedicated Transport- 2-Wire Voice Grade Rev Bat. - Per Mile per month			U1TVX	1L5XX	0.0174										
		Interoffice Channel - Dedicated Transport- 2- Wire VG Rev Bat. - Facility Termination			U1TVX	U1TR2	18.58	55.39	17.37	27.96	3.51			20.35	21.09	9.80	10.54
		Interoffice Channel - Dedicated Transport - 4-Wire Voice Grade - Per Mile per month			U1TVX	1L5XX	0.0174										
		Interoffice Channel - Dedicated Transport - 4- Wire Voice Grade - Facility Termination			U1TVX	U1TV4	24.09	37.87	26.02	30.78	13.07			15.08	15.08	9.80	10.54
		Wholesale to UNE Switch-As-Is Charge			U1TVX	UNCCC		52.30	24.62	9.12	9.12						
		Interoffice Channel - Dedicated Transport - 56 kbps - per mile per month			U1TDX	1L5XX	0.0174										
		Interoffice Channel - Dedicated Transport - 56 kbps - Facility Termination			U1TDX	U1TD5	17.98	55.39	17.37	27.96	3.51			20.35	21.09	9.80	10.54

UNBUNDLED NETWORK ELEMENTS - Tennessee											Attachment: 2 Exh. A				
CATEGORY	RATE ELEMENTS	Interim	Zone	BCS	USOC	RATES(\$)				Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l
						Rec	Nonrecurring First	Add'l	Nonrecurring First	Disconnect Add'l	SOMEK	SOMAN	OSS Rates(\$)		
	Interoffice Channel - Dedicated Transport - 64 kbps - per mile per month			U1TDX	1L5XX	0.0174									
	Interoffice Channel - Dedicated Transport - 64 kbps - Facility Termination			U1TDX	U1TD6	17.98	55.39	17.37	27.96	3.51			20.35	21.09	9.80 10.54
	Wholesale to UNE Switch-As-Is Charge			U1TDX	UNCCC		52.30	24.62	9.12	9.12					
	Interoffice Channel - Dedicated Channel - DS1 - Per Mile per month			U1TD1	1L5XX	0.3562									
	Interoffice Channel - Dedicated Tranport - DS1 - Facility Termination			U1TD1	U1TF1	77.86	112.40	76.27	19.55	14.99			20.35	21.09	9.80 10.54
	Wholesale to UNE Switch-As-Is Charge			U1TD1	UNCCC		52.30	24.62	9.12	9.12					
	Interoffice Channel - Dedicated Transport - DS3 - Per Mile per month			U1TD3	1L5XX	2.34									
	Interoffice Channel - Dedicated Transport - DS3 - Facility Termination per month			U1TD3	U1TF3	848.99	395.29	176.56	109.04	105.91			36.84	36.84	19.01 19.01
	Wholesale to UNE Switch-As-Is Charge			U1TD1	UNCCC		52.30	24.62	9.12	9.12					
	Interoffice Channel - Dedicated Transport - STS-1 - Per Mile per month			U1TS1	1L5XX	2.34									
	Interoffice Channel - Dedicated Transport - STS-1 - Facility Termination			U1TS1	U1TFS	849.30	395.29	176.56	109.04	105.91			36.84	36.84	19.01 19.01
	Wholesale to UNE Switch-As-Is Charge			U1TS1	UNCCC		52.30	24.62	9.12	9.12					
	UNBUNDLED DARK FIBER														
	Dark Fiber, Per Four Fiber Strands, Per Route Mile Or Fraction Thereof - Interoffice Transport			UDF, UDFCX	1L5DF	28.74	1,121.00	153.19							
DARK FIBER															
	Dark Fiber, Four Fiber Strands, Per Route Mile or Fraction Thereof per month - Local Channel			UDF, UDFCX	1L5DC	67.65									
	Dark Fiber, Four Fiber Strands, Per Route Mile or Fraction Thereof per month - Local Loop			UDF, UDFCX	1L5DL	67.65									
8XX ACCESS TEN DIGIT SCREENING															
	8XX Access Ten Digit Screening, Per Call					0.0005192									
LINE INFORMATION DATA BASE ACCESS (LIDB)															
	LIDB Common Transport Per Query					0.0000354									
	LIDB Validation Per Query					0.0117403									
	LIDB Originating Point Code Establishment or Change			OQT, OQU	NRBPX		49.03						20.35	20.35	13.28 13.28
CALLING NAME (CNAM) SERVICE															
	CNAM for DB Owners, Per Query					0.0010541									
	CNAM for Non DB Owners, Per Query					0.0010541									
LNP Query Service															
	LNP Charge Per query					0.0009277									
	LNP Service Establishment Manual						23.60	13.83	23.60	12.71					
	LNP Service Provisioning with Point Code Establishment						1,119.00	571.71	1,119.00	571.71					
SELECTIVE ROUTING															
	Selective Routing Per Unique Line Class Code Per Request Per Switch						179.60	179.60					20.35	0.00	0.00 0.00
AIN SELECTIVE CARRIER ROUTING															
	Regional Service Establishment						190,638.00						20.35		
	End Office Establishment						317.55	317.55	3.19	3.19			20.35	20.35	13.28 13.28
	Query NRC, per query					0.0206047									
AIN - BELLSOUTH AIN SMS ACCESS SERVICE															
	AIN SMS Access Service - Service Establishment, Per State, Initial Setup			A1N	CAMSE	135.56	135.56						20.35	20.35	13.28 13.28
	AIN SMS Access Service - Port Connection - Dial/Shared Access			A1N	CAMDP	41.75	41.75						20.35	20.35	13.28 13.28
	AIN SMS Access Service - Port Connection - ISDN Access			A1N	CAM1P	41.75	41.75						20.35	20.35	13.28 13.28
	AIN SMS Access Service - User Identification Codes - Per User ID Code			A1N	CAMAU	96.63	96.63						20.35	20.35	13.28 13.28
	AIN SMS Access Service - Security Card, Per User ID Code, Initial or Replacement			A1N	CAMRC	113.67	113.67						20.35	20.35	13.28 13.28
	AIN SMS Access Service - Storage, Per Unit (100 Kilobytes)					0.0024									
	AIN SMS Access Service - Session, Per Minute					0.0820123									

UNBUNDLED NETWORK ELEMENTS - Tennessee												Attachment: 2 Exh. A							
CATEGORY	RATE ELEMENTS				Interim	Zone	BCS	USOC	RATES(\$)				Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l	
								Rec	Nonrecurring First	Add'l	Nonrecurring Disconnect First	Add'l	OSS Rates(\$)						
													SOMEc	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN	
		AIN SMS Access Service - Company Performed Session, Per Minute						2.27											
SIGNALING (CCS7)																			
		CCS7 Signaling Usage, Per TCAP Message						0.0000916											
		CCS7 Signaling Usage, Per ISUP Message						0.0000373											
911 PBX LOCATE																			
		911 PBX LOCATE DATABASE CAPABILITY																	
		Service Establishment per CLEC per End User Account					9PBDC	9PBEU			1,706.00								
		Changes to TN Range or Customer Profile					9PBDC	9PBTN			170.69								
		Per Telephone Number (Monthly)					9PBDC	9PBMM	0.07										
		Change Company (Service Provider) ID					9PBDC	9PBPC			501.06								
		PBX Locate Service Support per CLEC (Monthlt)					9PBDC	9PBMR	191.92										
		Service Order Charge					9PBDC	9PBSC			23.20								
911 PBX LOCATE TRANSPORT COMPONENT																			
		See Att 3																	
ENHANCED EXTENDED LINK (EELs)																			
NOTE: The monthly recurring and non-recurring charges below will apply and the Switch-As-Is Charge will not apply for UNE combinations provisioned as ' Ordinarily Combined' Network Elements.																			
NOTE: The monthly recurring and the Switch-As-Is Charge and not the non-recurring charges below will apply for UNE combinations provisioned as ' Currently Combined' Network Elements.																			
EXTENDED 2-WIRE VOICE GRADE EXTENDED LOOP WITH DEDICATED DS1 INTEROFFICE TRANSPORT																			
		First 2-Wire VG Loop (SL2) in Combination - Zone 1					1	UNCVX	UEAL2	14.74	108.76	35.47	72.94	10.86		31.26	10.42		
		First 2-Wire VG Loop (SL2) in Combination - Zone 2					2	UNCVX	UEAL2	22.08	108.76	35.47	72.94	10.86		31.26	10.42		
		First 2-Wire VG Loop (SL2) in Combination - Zone 3					3	UNCVX	UEAL2	36.87	108.76	35.47	72.94	10.86		31.26	10.42		
		Interoffice Transport - Dedicated - DS1 combination - Per Mile per month						UNC1X	1L5XX	0.3562									
		Interoffice Transport - Dedicated - DS1 combination - Facility Termination per month						UNC1X	U1TF1	77.86	171.24	113.12	70.07	30.90		20.35	21.09	9.80	10.54
		I/O Channelization System in combination Per Month						UNC1X	MQ1	80.77	105.76	14.48	3.04	2.74					
		Voice Grade COCI - Per Month						UNCVX	1D1VG	0.91	5.70	4.42							
		Each Additional 2-Wire VG Loop (SL 2) in Combination - Zone 1					1	UNCVX	UEAL2	14.74	108.76	35.47	72.94	10.86		31.26	10.42		
		Each Additional 2-Wire VG Loop (SL 2) in Combination - Zone 2					2	UNCVX	UEAL2	22.08	108.76	35.47	72.94	10.86		31.26	10.42		
		Each Additional 2-Wire VG Loop (SL 2) in Combination - Zone 3					3	UNCVX	UEAL2	36.87	108.76	35.47	72.94	10.86		31.26	10.42		
		Voice Grade COCI - Per Month						UNCVX	1D1VG	0.91	5.70	4.42				20.35	8.80	11.49	1.18
		Wholesale to UNE, Switch-As-Is Charge						UNC1X	UNCCC		52.73	24.62	9.12	9.12		31.26	10.42		
EXTENDED 4-WIRE VOICE GRADE EXTENDED LOOP WITH DEDICATED DS1 INTEROFFICE TRANSPORT																			
		First 4-Wire Analog Voice Grade Loop in Combination - Zone 1					1	UNCVX	UEAL4	21.98	108.76	35.47	72.94	10.86		31.26	10.42		
		First 4-Wire Analog Voice Grade Loop in Combination - Zone 2					2	UNCVX	UEAL4	32.93	108.76	35.47	72.94	10.86		31.26	10.42		
		First 4-Wire Analog Voice Grade Loop in Combination - Zone 3					3	UNCVX	UEAL4	54.99	108.76	35.47	72.94	10.86		31.26	10.42		
		Interoffice Transport - Dedicated - DS1 combination - Per Mile Per Month						UNC1X	1L5XX	0.3562									
		Interoffice Transport - Dedicated - DS1 - Facility Termination Per Month						UNC1X	U1TF1	77.86	171.24	113.12	70.07	30.90		20.35	21.09	9.80	10.54
		I/O Channel System in combination Per Month						UNC1X	MQ1	80.77	105.76	14.48	3.04	2.74		20.35	9.80	11.49	1.18
		Voice Grade COCI in combination - per month						UNCVX	1D1VG	0.91	5.70	4.42				20.35	9.80	11.49	1.18
		Additional 4-Wire Analog Voice Grade Loop in same DS1 Interoffice Transport Combination - Zone 1					1	UNCVX	UEAL4	21.98	108.76	35.47	72.94	10.86		31.26	10.42		
		Additional 4-Wire Analog Voice Grade Loop in same DS1 Interoffice Transport Combination - Zone 2					2	UNCVX	UEAL4	32.93	108.76	35.47	72.94	10.86		31.26	10.42		
		Additional 4-Wire Analog Voice Grade Loop in same DS1 Interoffice Transport Combination - Zone 3					3	UNCVX	UEAL4	54.99	108.76	35.47	72.94	10.86		31.26	10.42		
		Additional Voice Grade COCI in combination - per month						UNCVX	1D1VG	0.91	5.70	4.42				20.35	9.80	11.49	1.18
		Wholesale to UNE, Switch-As-Is Charge						UNC1X	UNCCC		52.73	24.62	9.12	9.12		31.26	10.42		
EXTENDED 4-WIRE 56 KBPS EXTENDED DIGITAL LOOP WITH DEDICATED DS1 INTEROFFICE TRANSPORT																			
		First 4-Wire 56Kbps Digital Grade Loop in Combination - Zone 1					1	UNCDX	UDL56	27.66	108.76	35.47	72.94	10.86		20.35	10.54	13.32	

UNBUNDLED NETWORK ELEMENTS - Tennessee													Attachment: 2 Exh. A					
CATEGORY		RATE ELEMENTS		Interim	Zone	BCS	USOC	RATES(\$)					Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l
								Rec	Nonrecurring First	Add'l	Nonrecurring First	Disconnect Add'l			OSS Rates(\$)			
													SOMEc	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN
			First 4-Wire 56Kbps Digital Grade Loop in Combination - Zone 2		2	UNCDX	UDL56	41.47	108.76	35.47	72.94	10.86			20.35	10.54	13.32	
			First 4-Wire 56Kbps Digital Grade Loop in Combination - Zone 3		3	UNCDX	UDL56	69.24	108.76	35.47	72.94	10.86			20.35	10.54	13.32	
			Interoffice Transport - Dedicated - DS1 combination - Per Mile Per Month			UNC1X	1L5XX	0.3562										
			Interoffice Transport - Dedicated - DS1 - combination Facility Termination Per Month			UNC1X	U1TF1	77.86	171.24	113.12	70.07	30.90			20.35	21.09	9.80	10.54
			1/0 Channel System in combination Per Month			UNC1X	MQ1	80.77	105.76	14.48	3.04	2.74			20.35	9.80	11.49	1.18
			OCU-DP COCI (data) per month (2.4-64kbs)			UNCDX	1D1DD	0.91	5.70	4.42					20.35	9.80	11.49	1.18
			Additional 4-Wire 56Kbps Digital Grade Loop in same DS1 Interoffice Transport Combination - Zone 1		1	UNCDX	UDL56	27.66	108.76	35.47	72.94	10.86			20.35	10.54	13.32	
			Additional 4-Wire 56Kbps Digital Grade Loop in same DS1 Interoffice Transport Combination - Zone 2		2	UNCDX	UDL56	41.47	108.76	35.47	72.94	10.86			20.35	10.54	13.32	
			Additional 4-Wire 56Kbps Digital Grade Loop in same DS1 Interoffice Transport Combination - Zone 3		3	UNCDX	UDL56	69.24	108.76	35.47	72.94	10.86			20.35	10.54	13.32	
			Additional OCU-DP COCI (data) - in combination per month (2.4-64kbs)			UNCDX	1D1DD	0.91	5.70	4.42					20.35	9.90	11.49	1.18
			Wholesale to UNE, Switch-As-Is Charge			UNC1X	UNCCC		52.73	24.62	9.12	9.12			31.26	10.42	0.00	
EXTENDED 4-WIRE 64 KBPS EXTENDED DIGITAL LOOP WITH DEDICATED DS1 INTEROFFICE TRANSPORT																		
			First 4-Wire 64Kbps Digital Grade Loop in Combination - Zone 1		1	UNCDX	UDL64	27.66	108.76	35.47	72.94	10.86			20.35	10.54	13.32	
			First 4-Wire 64Kbps Digital Grade Loop in Combination - Zone 2		2	UNCDX	UDL64	41.47	108.76	35.47	72.94	10.86			20.35	10.54	13.32	
			First 4-Wire 64Kbps Digital Grade Loop in Combination - Zone 3		3	UNCDX	UDL64	69.24	108.76	35.47	72.94	10.86			20.35	10.54	13.32	
			Interoffice Transport - Dedicated - DS1 combination - Per Mile Per Month			UNC1X	1L5XX	0.3562										
			Interoffice Transport - Dedicated - DS1 combination - Facility Termination Per Month			UNC1X	U1TF1	77.86	171.24	113.12	70.07	30.90			20.35	21.09	9.80	10.54
			1/0 Channel System in combination Per Month			UNC1X	MQ1	80.77	105.76	14.48	3.04	2.74			20.35	9.80	11.49	1.18
			OCU-DP COCI (data) - in combination - per month (2.4-64kbs)			UNCDX	1D1DD	0.91	5.70	4.42					20.35	9.80	11.49	1.18
			Additional 4-Wire 64Kbps Digital Grade Loop in same DS1 Interoffice Transport Combination - Zone 1		1	UNCDX	UDL64	27.66	108.76	35.47	72.94	10.86			20.35	10.54	13.32	
			Additional 4-Wire 64Kbps Digital Grade Loop in same DS1 Interoffice Transport Combination - Zone 2		2	UNCDX	UDL64	41.47	108.76	35.47	72.94	10.86			20.35	10.54	13.32	
			Additional 4-Wire 64Kbps Digital Grade Loop in same DS1 Interoffice Transport Combination - Zone 3		3	UNCDX	UDL64	69.24	108.76	35.47	72.94	10.86			20.35	10.54	13.32	
			Additional OCU-DP COCI (data) - in combination - per month (2.4-64kbs)			UNCDX	1D1DD	0.91	5.70	4.42					20.35	9.80	11.49	1.18
			Wholesale to UNE, Switch-As-Is Charge			UNC1X	UNCCC		52.73	24.62	9.12	9.12			31.26	10.42		
EXTENDED 4-WIRE DS1 DIGITAL EXTENDED LOOP WITH DEDICATED DS1 INTEROFFICE TRANSPORT																		
			4-Wire DS1 Digital Loop in Combination - Zone 1		1	UNC1X	USLXX	51.38	228.40	161.74	79.87	24.88			18.98	8.43	11.95	
			4-Wire DS1 Digital Loop in Combination - Zone 2		2	UNC1X	USLXX	76.98	228.40	161.74	79.87	24.88			18.98	8.43	11.95	
			4-Wire DS1 Digital Loop in Combination - Zone 3		3	UNC1X	USLXX	128.54	228.40	161.74	79.87	24.88			18.98	8.43	11.95	
			Interoffice Transport - Dedicated - DS1 combination - Per Mile Per Month			UNC1X	1L5XX	0.3562										
			Interoffice Transport - Dedicated - DS1 combination - Facility Termination Per Month			UNC1X	U1TF1	77.86	171.24	113.12	70.07	30.90			20.35	21.09	9.80	10.54
						UNC1X	UNCCC		52.73	24.62	9.12	9.12			31.26	10.42		
EXTENDED 4-WIRE DS1 DIGITAL EXTENDED LOOP WITH DEDICATED DS3 INTEROFFICE TRANSPORT																		
			First DS1Loop in Combination - Zone 1		1	UNC1X	USLXX	51.38	228.40	161.74	79.87	24.88			18.98	8.43	11.95	
			First DS1Loop in Combination - Zone 2		2	UNC1X	USLXX	76.98	228.40	161.74	79.87	24.88			18.98	8.43	11.95	
			First DS1Loop in Combination - Zone 3		3	UNC1X	USLXX	128.54	228.40	161.74	79.87	24.88			18.98	8.43	11.95	
			Interoffice Transport - Dedicated - DS3 combination - Per Mile Per Month			UNC3X	1L5XX	2.34										
			Interoffice Transport - Dedicated - DS3 - Facility Termination per month			UNC3X	U1TF3	854.97	482.01	153.81	64.43	35.43			36.84	36.84	19.01	19.01
			3/1Channel System in combination per month			UNC3X	MQ3	222.98	156.02	49.41	17.12	6.77			20.35	9.80	11.49	1.18
			DS1 COCI in combination per month			UNC1X	UC1D1	17.58	5.70	4.42					20.35	9.80	11.49	1.18

UNBUNDLED NETWORK ELEMENTS - Tennessee													Attachment: 2 Exh. A							
CATEGORY	RATE ELEMENTS					Interim	Zone	BCS	USOC	RATES(\$)					Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l

UNBUNDLED NETWORK ELEMENTS - Tennessee													Attachment: 2 Exh. A						
CATEGORY	RATE ELEMENTS				Interim	Zone	BCS	USOC	RATES(\$)				Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l	
								Rec	Nonrecurring First	Add'l	Nonrecurring First	Disconnect Add'l	OSS Rates(\$)						
													SOMEc	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN	
											</								

UNBUNDLED NETWORK ELEMENTS - Tennessee												Attachment: 2 Exh. A				
CATEGORY	RATE ELEMENTS	Interim	Zone	BCS	USOC	RATES(\$)					Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l
						Rec	Nonrecurring First	Add'l	Nonrecurring First	Disconnect Add'l	SOMEc	SOMAN	OSS Rates(\$)			
													SOMAN	SOMAN	SOMAN	SOMAN
	Each Additional DS1 Interoffice Channel Facility Termination in same 3/1 Channel System per month			UNC1X	U1TF1	77.86	171.24	113.12	70.07	30.90			20.35	9.80	11.49	1.18
	Each Additional DS1 COCI combination per month			UNC1X	UC1D1	17.58	5.70	4.42					20.35	9.80	11.49	1.18
	Wholesale to UNE, Switch-As-Is Charge			UNC1X	UNCCC		52.73	24.62	9.12	9.12			31.26	10.42		
EXTENDED 4-WIRE VOICE GRADE LOOP WITH DEDICATED DS1 INTEROFFICE TRANSPORT w/ 3/1 MUX																
	First 4-Wire Analog Voice Grade Local Loop in Combination - Zone 1		1	UNCVX	UEAL4	21.98	108.76	35.47	72.94	10.86			20.35	21.09		
	First 4-Wire Analog Voice Grade Local Loop in Combination - Zone 2		2	UNCVX	UEAL4	32.93	108.76	35.47	72.94	10.86			20.35	21.09		
	First 4-Wire Analog Voice Grade Local Loop in Combination - Zone 3		3	UNCVX	UEAL4	54.99	108.76	35.47	72.94	10.86			20.35	21.09		
	First Interoffice Transport - Dedicated - DS1 combination - Per Mile Per Month			UNC1X	1L5XX	0.3562										
	First Interoffice Transport - Dedicated - DS1 - Facility Termination Per Month			UNC1X	U1TF1	77.86	171.24	113.12	70.07	30.90			20.35	21.09	9.80	10.54
	Per each 1/0 Channel System in combination Per Month			UNC1X	MQ1	80.77	105.76	14.48	3.04	2.74			20.35	9.80	11.49	1.18
	Per each Voice Grade COCI in combination - per month			UNCVX	1D1VG	0.91	5.70	4.42					20.35	9.80	11.49	1.18
	3/1 Channel System in combination per month			UNC3X	MQ3	222.98	156.02	49.41	17.12	6.77			20.35	9.80	11.49	1.18
	Per each DS1 COCI in combination per month			UNC1X	UC1D1	17.58	5.70	4.42					20.35	9.80	11.49	1.18
	Additional 4-Wire Analog Voice Grade Loop in same DS1 Interoffice Transport Combination - Zone 1		1	UNCVX	UEAL4	21.98	108.76	35.47	72.94	10.86			20.35	21.09		
	Additional 4-Wire Analog Voice Grade Loop in same DS1 Interoffice Transport Combination - Zone 2		2	UNCVX	UEAL4	32.93	108.76	35.47	72.94	10.86			20.35	21.09		
	Additional 4-Wire Analog Voice Grade Loop in same DS1 Interoffice Transport Combination - Zone 3		3	UNCVX	UEAL4	54.99	108.76	35.47	72.94	10.86			20.35	21.09		
	Each Additional DS1 Interoffice Channel per mile in same 3/1 Channel System per month			UNC1X	1L5XX	0.3562										
	Each Additional DS1 Interoffice Channel Facility Termination in same 3/1 Channel System per month			UNC1X	U1TF1	77.86	171.24	113.12	70.07	30.90			20.35	9.80	11.49	1.18
	Additional Voice Grade COCI - in combination - per month			UNCVX	1D1VG	0.91	5.70	4.42					20.35	9.80	11.49	1.18
	Wholesale to UNE, Switch-As-Is Charge			UNC1X	UNCCC		52.73	24.62	9.12	9.12			31.26	10.42		
	First 4-Wire 56Kbps Digital Grade Local Loop in Combination - Zone 1		1	UNCDX	UDL56	27.66	108.76	35.47	72.94	10.86			20.35	10.54	13.32	
	First 4-Wire 56Kbps Digital Grade Local Loop in Combination - Zone 2		2	UNCDX	UDL56	41.47	108.76	35.47	72.94	10.86			20.35	10.54	13.32	
	First 4-Wire 56Kbps Digital Grade Local Loop in Combination - Zone 3		3	UNCDX	UDL56	69.24	108.76	35.47	72.94	10.86			20.35	10.54	13.32	
	First Interoffice Transport - Dedicated - DS1 combination - Per Mile Per Month			UNC1X	1L5XX	0.3562										
	First Interoffice Transport - Dedicated - DS1 - combination Facility Termination Per Month			UNC1X	U1TF1	77.86	171.24	113.12	70.07	30.90			20.35	21.09	9.80	10.54
	Per each 1/0 Channel System in combination Per Month			UNC1X	MQ1	80.77	105.76	14.48	3.04	2.74			20.35	9.80	11.49	1.18
	Per each OCU-DP COCI (data) COCI per month (2.4-64kbs)			UNCDX	1D1DD	0.91	5.70	4.42					20.35	9.80	11.49	1.18
	3/1 Channel System in combination per month			UNC3X	MQ3	222.98	156.02	49.41	17.12	6.77			20.35	9.80	11.49	1.18
	Per each DS1 COCI in combination per month			UNC1X	UC1D1	17.58	5.70	4.42					20.35	9.80	11.49	1.18
	Additional 4-Wire 56Kbps Digital Grade Loop in same DS1 Interoffice Transport Combination - Zone 1		1	UNCDX	UDL56	27.66	108.76	35.47	72.94	10.86			20.35	10.54	13.32	
	Additional 4-Wire 56Kbps Digital Grade Loop in same DS1 Interoffice Transport Combination - Zone 2		2	UNCDX	UDL56	41.47	108.76	35.47	72.94	10.86			20.35	10.54	13.32	
	Additional 4-Wire 56Kbps Digital Grade Loop in same DS1 Interoffice Transport Combination - Zone 3		3	UNCDX	UDL56	69.24	108.76	35.47	72.94	10.86			20.35	10.54	13.32	
	OCU-DP COCI (data) COCI in combination per month (2.4-64kbs)			UNCDX	1D1DD	0.91	5.70	4.42					20.35	9.80	11.49	1.18
	Each Additional DS1 Interoffice Channel per mile in same 3/1 Channel System per month			UNC1X	1L5XX	0.3562										
	Each Additional DS1 Interoffice Channel Facility Termination in same 3/1 Channel System per month			UNC1X	U1TF1	77.86	171.24	113.12	70.07	30.90			20.35	21.09	9.80	10.54
	Each Additional DS1 COCI in the same 3/1 channel system combination per month			UNC1X	UC1D1	17.58	5.70	4.42					20.35	9.80	11.49	1.18
	Wholesale to UNE, Switch-As-Is Charge			UNC1X	UNCCC		52.73	24.62	9.12	9.12			31.26	10.42		

UNBUNDLED NETWORK ELEMENTS - Tennessee												Attachment: 2 Exh. A							
CATEGORY	RATE ELEMENTS				Interim	Zone	BCS	USOC	RATES(\$)					Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l
								Rec	Nonrecurring First	Add'l	First	Add'l	SOMEc	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN	
EXTENDED 4-WIRE 64 KBPS DIGITAL LOOP WITH DEDICATED DS1 INTEROFFICE TRANSPORT w/ 3/1 MUX																			
		First 4-Wire 64Kbps Digital Grade Loop in a DS1 Interoffice Transport Combination - Zone 1		1	UNCDX	UDL64		27.66	108.76	35.47	72.94	10.86			20.35	10.54	13.32		
		First 4-Wire 64Kbps Digital Grade Loop in a DS1 Interoffice Transport Combination - Zone 2		2	UNCDX	UDL64		41.47	108.76	35.47	72.94	10.86			20.35	10.54	13.32		
		First 4-Wire 64Kbps Digital Grade Loop in a DS1 Interoffice Transport Combination - Zone 3		3	UNCDX	UDL64		69.24	108.76	35.47	72.94	10.86			20.35	10.54	13.32		
		First Interoffice Transport - Dedicated - DS1 combination - Per Mile Per Month			UNC1X	1L5XX		0.3562											
		First Interoffice Transport - Dedicated - DS1 combination - Facility Termination Per Month			UNC1X	U1TF1		77.86	171.24	113.12	70.07	30.90			20.35	21.09	9.80	10.54	
		Per each Channel System 1/0 in combination Per Month			UNC1X	MQ1		80.77	105.76	14.48	3.04	2.74			20.35	9.80	11.49	1.18	
		Per each OCU-DP COCI (data) in combination - per month (2.4-64kbs)			UNCDX	1D1DD		0.91	5.70	4.42					20.35	9.80	11.49	1.18	
		3/1 Channel System in combination per month			UNC3X	MQ3		222.98	156.02	49.41	17.12	6.77			20.35	9.80	11.49	1.18	
		Per each DS1 COCI in combination per month			UNC1X	UC1D1		17.58	5.70	4.42					20.35	9.80	11.49	1.18	
		Additional 4-Wire 64Kbps Digital Grade Loop in same DS1 Interoffice Transport Combination - Zone 1		1	UNCDX	UDL64		27.66	108.76	35.47	72.94	10.86			20.35	10.54	13.32		
		Additional 4-Wire 64Kbps Digital Grade Loop in same DS1 Interoffice Transport Combination - Zone 2		2	UNCDX	UDL64		41.47	108.76	35.47	72.94	10.86			20.35	10.54	13.32		
		Additional 4-Wire 64Kbps Digital Grade Loop in same DS1 Interoffice Transport Combination - Zone 3		3	UNCDX	UDL64		69.24	108.76	35.47	72.94	10.86			20.35	10.54	13.32		
		Additional OCU-DP COCI (data) - DS1 to DS0 Channel System combination - per month (2.4-64kbs)			UNCDX	1D1DD		0.91	5.70	4.42					20.35	9.80	11.49	1.18	
		Each Additional DS1 Interoffice Channel per mile in same 3/1 Channel System per month			UNC1X	1L5XX		0.3562											
		Each Additional DS1 Interoffice Channel Facility Termination in same 3/1 Channel System per month			UNC1X	U1TF1		77.86	171.24	113.12	70.07	30.90			20.35	9.80	11.49	1.18	
		Each Additional DS1 COCI in the same 3/1 channel system combination per month			UNC1X	UC1D1		17.58	5.70	4.42					20.35	9.80	11.49	1.18	
		Wholesale to UNE, Switch-As-Is Charge			UNC1X	UNCCC			52.73	24.62	9.12	9.12			31.26	10.42			
EXTENDED 2-WIRE ISDN LOOP WITH DS1 INTEROFFICE TRANSPORT w/ 3/1 MUX																			
		First 2-Wire ISDN Loop in a DS1 Interoffice Combination Transport - Zone 1		1	UNCNX	U1L2X		19.77	108.76	35.47	72.94	10.86			20.35	21.09			
		First 2-Wire ISDN Loop in a DS1 Interoffice Combination Transport - Zone 2		2	UNCNX	U1L2X		29.63	108.76	35.47	72.94	10.86			20.35	21.09			
		First 2-Wire ISDN Loop in a DS1 Interoffice Combination Transport - Zone 3		3	UNCNX	U1L2X		49.47	108.76	35.47	72.94	10.86			20.35	21.09			
		First Interoffice Transport - Dedicated - DS1 combination - Per Mile per month			UNC1X	1L5XX		0.3562											
		First Interoffice Transport - Dedicated - DS1 combination - Facility Termination per month			UNC1X	U1TF1		77.86	171.24	113.12	70.07	30.90			20.35	21.09	9.80	10.54	
		Per each Channel System 1/0 in combination - per month			UNC1X	MQ1		80.77	105.76	14.48	3.04	2.74			20.35	9.80	11.49	1.18	
		Per each 2-wire ISDN COCI (BRITE) in combination - per month			UNCNX	UC1CA		3.10	5.70	4.42					20.35	9.80	11.49	1.18	
		3/1 Channel System in combination per month			UNC3X	MQ3		222.98	156.02	49.41	17.12	6.77			20.35	9.80	11.49	1.18	
		Per each DS1 COCI in combination per month			UNC1X	UC1D1		17.58	5.70	4.42					20.35	9.80	11.49	1.18	
		Additional 2-wire ISDN Loop in same DS1Interoffice Transport Combination - Zone 1		1	UNCNX	U1L2X		19.77	108.76	35.47	72.94	10.86			20.35	21.09			
		Additional 2-wire ISDN Loop in same DS1Interoffice Transport Combination - Zone 2		2	UNCNX	U1L2X		29.63	108.76	35.47	72.94	10.86			20.35	21.09			
		Additional 2-wire ISDN Loop in same DS1Interoffice Transport Combination - Zone 3		3	UNCNX	U1L2X		49.47	108.76	35.47	72.94	10.86			20.35	21.09			
		Additional 2-wire ISDN COCI (BRITE) in same 1/0 channel system combination- per month			UNCNX	UC1CA		3.10	5.70	4.42					20.35	9.80	11.49	1.18	
		Each Additional DS1 Interoffice Channel per mile in same 3/1 Channel System per month			UNC1X	1L5XX		0.3562											
		Each Additional DS1 Interoffice Channel Facility Termination in same 3/1 Channel System per month			UNC1X	U1TF1		77.86	171.24	113.12	70.07	30.90			20.35	9.80	11.49	1.18	

UNBUNDLED NETWORK ELEMENTS - Tennessee												Attachment: 2 Exh. A									
CATEGORY	RATE ELEMENTS		Interim	Zone	BCS	USOC	RATES(\$)				Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l					
							Rec	Nonrecurring First	Add'l	Nonrecurring Disconnect First	Add'l	OSS Rates(\$)					SOME C	SOMAN	SOMAN	SOMAN	SOMAN
		Each Additional DS1 COCI in the same 3/1 channel system combination per month			UNC1X	UC1D1	17.58	5.70	4.42					20.35	9.80		11.49				1.18
		Wholesale to UNE, Switch-As-Is Charge			UNC1X	UNCCC		52.73	24.62	9.12	9.12			31.26	10.42						
	EXTENDED 4-WIRE DS1 LOOP WITH DEDICATED DS1 INTEROFFICE TRANSPORT w/ 3/1 MUX																				
		First 4-wire DS1 Digital Lcoal Loop in Combination - Zone 1		1	UNC1X	USLXX	51.38	228.40	161.74	79.87	24.88			18.98	8.43		11.95				
		First 4-wire DS1 Digital Lcoal Loop in Combination - Zone 2		2	UNC1X	USLXX	76.98	228.40	161.74	79.87	24.88			18.98	8.43		11.95				
		First 4-wire DS1 Digital Lcoal Loop in Combination - Zone 3		3	UNC1X	USLXX	128.54	228.40	161.74	79.87	24.88			18.98	8.43		11.95				
		First Interoffice Transport - Dedicated - DS1 combination - Per Mile Per Month			UNC1X	1L5XX	0.3562														
		First Interoffice Transport - Dedicated - DS1 combination - Facility Termination Per Month			UNC1X	U1TF1	77.86	171.24	113.12	70.07	30.90			20.35	21.09		9.80				10.54
		3/1 Channel System in combination per month			UNC3X	MQ3	222.98	156.02	49.41	17.12	6.77			20.35	9.80		11.49				1.18
		Per each DS1 COCI combination per month			UNC1X	UC1D1	17.58	5.70	4.42					20.35	9.80		11.49				1.18
		Each Additional DS1 Interoffice Channel per mile in same 3/1 Channel System per month			UNC1X	1L5XX	0.3562														
		Each Additional DS1 Interoffice Channel Facility Termination in same 3/1 Channel System per month			UNC1X	U1TF1	77.86	171.24	113.12	70.07	30.90			20.35	21.09		9.80				10.54
		Each Additional DS1 COCI in the same 3/1 channel system combination per month			UNC1X	UC1D1	17.58	5.70	4.42					20.35	9.80		11.49				1.18
		Additional 4-Wire DS1 Digital Local Loop in Combination - Zone 1		1	UNC1X	USLXX	51.38	228.40	161.74	79.87	24.88			18.98	8.43		11.95				
		Additional 4-Wire DS1 Digital Local Loop in Combination - Zone 2		2	UNC1X	USLXX	76.98	228.40	161.74	79.87	24.88			18.98	8.43		11.95				
		Additional 4-Wire DS1 Digital Local Loop in Combination - Zone 3		3	UNC1X	USLXX	128.54	228.40	161.74	79.87	24.88			18.98	8.43		11.95				
		Wholesale to UNE, Switch-As-Is Charge			UNC1X	UNCCC		52.73	24.62	9.12	9.12			31.26	10.42						
	EXTENDED 4-WIRE 56 KBPS DIGITAL EXTENDED LOOP WITH DS0 INTEROFFICE TRANSPORT																				
		First 4-wire 56 kbps Local Loop in combination - Zone 1		1	UNCDX	UDL56	27.66	108.76	35.47	72.94	10.86			20.35	10.54		13.32				
		First 4-wire 56 kbps Local Loop in combination - Zone 2		2	UNCDX	UDL56	41.47	108.76	35.47	72.94	10.86			20.35	10.54		13.32				
		First 4-wire 56 kbps Local Loop in combination - Zone 3		3	UNCDX	UDL56	69.24	108.76	35.47	72.94	10.86			20.35	10.54		13.32				
		First 4-wire 56 kbps Interoffice Transport - Dedicated - Per Mile per month			UNCDX	1L5XX	0.0174														
		First 4-wire 56 kbps Interoffice Transport - Dedicated - Facility Termination per month			UNCDX	U1TD5	17.98	79.83	44.08	69.32	31.00			20.35	21.09		9.80				10.54
		Wholesale to UNE, Switch-As-Is Charge			UNCDX	UNCCC		52.73	24.62	9.12	9.12			31.26	10.42						
	EXTENDED 4-WIRE 64 KBPS DIGITAL EXTENDED LOOP WITH DS0 INTEROFFICE TRANSPORT																				
		First 4-wire 64 kbps Local Loop in combination - Zone 1		1	UNCDX	UDL64	27.66	108.76	35.47	72.94	10.86			20.35	10.54		13.32				
		First 4-wire 64 kbps Local Loop in combination - Zone 2		2	UNCDX	UDL64	41.47	108.76	35.47	72.94	10.86			20.35	10.54		13.32				
		First 4-wire 64 kbps Local Loop in combination - Zone 3		3	UNCDX	UDL64	69.24	108.76	35.47	72.94	10.86			20.35	10.54		13.32				
		First 4-wire 65 kbps Interoffice Transport - Dedicated - Per Mile per month			UNCDX	1L5XX	0.0174														
		First 4-wire 64 kbps Interoffice Transport - Dedicated - Facility Termination per month			UNCDX	U1TD6	17.98	79.83	44.08	69.32	31.00			20.35	21.09		9.80				10.54
		Wholesale to UNE, Switch-As-Is Charge			UNCDX	UNCCC		52.73	24.62	9.12	9.12			31.26	10.42						
ADDITIONAL NETWORK ELEMENTS																					
When used as a part of a currently combined facility, the non-recurring charges do not apply, but a Switch As Is charge does apply.																					
When used as ordinarily combined network elements in All States, the non-recurring charges apply and the Switch As Is Charge does not.																					
Nonrecurring Currently Combined Network Elements "Switch As Is" Charge																					
		Wholesale to UNE, Switch-As-Is Conversion Charge, 2/4-wire VG			UNCVX	UNCCC		52.73	24.62	9.12	9.12				31.26	10.42					
		Wholesale to UNE, Switch-As-Is Conversion Charge, 4-wire VG			UNCDX	UNCCC		52.73	24.62	9.12	9.12				31.26	10.42					
		Wholesale to UNE, Switch-As-Is Conversion Charge, DS1			UNC1X	UNCCC		52.73	24.62	9.12	9.12				53.73	24.62					
		Wholesale to UNE, Switch-As-Is Conversion Charge, DS3			UNC3X	UNCCC		52.73	24.62	9.12	9.12				53.73	24.62					
		Wholesale to UNE, Switch-As-Is Conversion Charge, STS-1			UNC5X	UNCCC		52.73	24.62	9.12	9.12				53.73	24.62					
Optional Features & Functions:																					
		Clear Channel Capability Extended Frame Option - per DS1	i		U1TD1, ULDD1,UNC1X	CCOEF		0.00	0.00	0.00	0.00										
		Clear Channel Capability Super FrameOption - per DS1	i		U1TD1, ULDD1,UNC1X	CCOSF		0.00	0.00	0.00	0.00										

UNBUNDLED NETWORK ELEMENTS - Tennessee												Attachment: 2 Exh. A					
CATEGORY	RATE ELEMENTS		Interim	Zone	BCS	USOC	RATES(\$)				Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l	
							Rec	Nonrecurring First	Add'l	Nonrecurring Disconnect First	Add'l	OSS Rates(\$)					
												SOMEc	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN
		Clear Channel Capability (SF/ESF) Option - Subsequent Activity - per DS1	I		ULDD1, U1TD1, UNC1X, USL	NRCCC		185.16	23.86	2.03	0.79			45.68	1.76	21.75	1.76
		C-bit Parity Option - Subsequent Activity - per DS3	i		U1TD3, ULDD3, UE3, UNC3X	NRCC3		219.46S	7.68S	.7637S	0.00S			45.68	1.76	21.75	1.76
	MULTIPLEXER Interfaces																
		DS1 to DS0 Channel System per month			UNC1X	MQ1	80.77	105.76	14.48	3.04	2.74			20.35	9.80	11.49	1.18
		Wholesale to UNE, Switch-As-Is Conversion Charge, 1/0 Channel System			UNCVX	UNCCC		52.73	24.62	9.12	9.12			31.26	10.42		
		OCU-DP COCI (data) - DS1 to DS0 Channel System - per month (2.4-64kbs) used for a Local Loop			UDL	1D1DD	1.82	6.07	4.66					20.35	9.80	11.49	1.18
		OCU-DP COCI (data) - DS1 to DS0 Channel System - per month (2.4-64kbs) used for connection to a channelized DS1 Local Channel in the same SWC as collocation			U1TUD	1D1DD	1.82	6.07	4.66					20.35	9.80	11.49	1.18
		2-wire ISDN COCI (BRITE) - DS1 to DS0 Channel System - per month for a Local Loop			UDN	UC1CA	3.10	6.07	4.66					20.35	9.80	11.49	1.18
		2-wire ISDN COCI (BRITE) - DS1 to DS0 Channel System - per month used for connection to a channelized DS1 Local Channel in the same SWC as collocation			U1TUB	UC1CA	3.10	6.07	4.66					20.35	9.80	11.49	1.18
		Voice Grade COCI - DS1 to DS0 Channel System - per month used for a Local Loop			UEA	1D1VG	0.91	6.07	4.66					20.35	9.80	11.49	1.18
		Voice Grade COCI - DS1 to DS0 Channel System - per month used for connection to a channelized DS1 Local Channel in the same SWC as collocation			U1TUC	1D1VG	0.91	6.07	4.66					20.35	9.80	11.49	1.18
		DS3 to DS1 Channel System per month			UNC3X	MQ3	222.98	156.02	49.41	17.12	6.77			20.35	9.80	11.49	1.18
		Wholesale to UNE, Switch-As-Is Conversion Charge, 3/1 Channel System			UNC3X	UNCCC		52.73	24.62	9.12	9.12			31.26	10.42		
		STS-1 to DS1 Channel System per month			UNC3X	MQ3	222.98	156.02	49.41	17.12	6.77			20.35	9.80	11.49	1.18
		Wholesale to UNE, Switch-As-Is Conversion Charge, 3/1 Channel System			UNC3X	UNCCC		52.73	24.62	9.12	9.12			31.26	10.42		
		DS1 COCI used with Loop per month			USL	UC1D1	17.58	6.07	4.66					20.35	9.80	11.49	1.18
		DS1 COCI (used for connection to a channelized DS1 Local Channel in the same SWC as collocation) per month			U1TUA	UC1D1	17.58	6.07	4.66					20.35	9.80	11.49	1.18
		DS1 COCI used with Interoffice Channel per month			U1TD1	UC1D1	17.58	6.07	4.66					20.35	9.80	11.49	1.18
		DS3 Interface Unit (DS1 COCI) used with Local Channel per month			ULDD1	UC1D1	17.58	6.07	4.66					20.35	9.80	11.49	1.18
	Access to DCS - Customer Reconfiguration (FlexServ)																
		Customer Reconfiguration Establishment						2.78		3.32				20.35	10.54		
		DS1 DSC Termination with DS0 Switching					23.35	41.14	34.25	29.94	24.08			45.68	1.76		
		DS1 DSC Termination with DS1 Switching					13.45	27.79	20.90	21.99	16.12			45.68	1.76		
		DS3 DSC Termination with DS1 Switching					150.88	41.14	34.25	29.94	24.08			45.68	1.76		
	Service Rearrangements																
		NRC - Change in Facility Assignment per circuit Service Rearrangement	I		U1TVX, U1TDX, UEA, UDL, U1TUC, U1TUD, U1TUB, ULDVX, ULDDX, UNCVX, UNCDX	URETD		270.55	47.21					45.68	1.76		
		NRC - Change in Facility Assignment per circuit Project Management (added to CFA per circuit if project managed)	I		U1TVX, U1TDX, UEA, UDL, U1TUC, U1TUD, U1TUB, ULDVX, ULDDX, UNCVX, UNCDX	URETB		1.28	1.28					45.68	1.76		
	Miscellaneous																
		NRC - Order Coordination Specific Time - Dedicated Transport	I		UNC1X	OCOSR		18.93	18.93								
UNBUNDLED LOCAL EXCHANGE SWITCHING(PORTS)																	
The Exchange Switching Port Rates Reflected Here Apply to Embedded Base Switching Ports as of March 10, 2005 and Consist of the TELRIC Cost Based Rates Plus \$1.00 in Accordance with the TRRO.																	
Exchange Ports																	
NOTE: Although the Port Rate includes all available features in GA, KY, LA & TN, the desired features will need to be ordered using retail USOCs																	
2-WIRE VOICE GRADE LINE PORT RATES (RES)																	
		Exchange Ports - 2-Wire Analog Line Port- Res.			UEPSR	UEPRL	2.89	9.93	9.19	3.66	2.92			20.35	10.54	13.32	1.40

UNBUNDLED NETWORK ELEMENTS - Tennessee														Attachment: 2 Exh. A			
CATEGORY		RATE ELEMENTS	Interim	Zone	BCS	USOC	RATES(\$)					Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l
							Rec	Nonrecurring First	Add'l	Nonrecurring First	Disconnect Add'l	OSS Rates(\$)					
												SOMEc	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN
		Exchange Ports - 2-Wire Analog Line Port with Caller ID - Res.			UEPSR	UEPRC	2.89	9.93	9.19	3.66	2.92			20.35	10.54	13.32	1.40
		Exchange Ports - 2-Wire Analog Line Port outgoing only - Res.			UEPSR	UEPRO	2.89	9.93	9.19	3.66	2.92			20.35	10.54	13.32	1.40
		Exchange Ports - 2-Wire VG unbundled TN extended local dialing parity Port with Caller ID - Res.			UEPSR	UEPAQ	2.89	9.93	9.19	3.66	2.92			20.35	10.54	13.32	1.40
		Exchange Ports - 2-Wire VG unbundled Tennessee Area Plus with Caller ID - Res (AC7)			UEPSR	UEPAH	2.89	9.93	9.19	3.66	2.92			20.35	10.54	13.32	1.40
		Exchange Ports - 2-Wire VG unbundled Tennessee Area Calling port with Caller ID - Res (F2R)			UEPSR	UEPAK	2.89	9.93	9.19	3.66	2.92			20.35	10.54	13.32	1.40
		Exchange Ports - 2-Wire VG unbundled Tennessee Area Calling port with Caller ID - Res (TACER)			UEPSR	UEPAL	2.89	9.93	9.19	3.66	2.92			20.35	10.54	13.32	1.40
		Exchange Ports - 2-Wire VG unbundled Tennessee Area Calling port with Caller ID - Res (TACSR)			UEPSR	UEPAM	2.89	9.93	9.19	3.66	2.92			20.35	10.54	13.32	1.40
		Exchange Ports - 2-Wire VG unbundled Tennessee Area Calling port with Caller ID - Res (1MF2X)			UEPSR	UEPAN	2.89	9.93	9.19	3.66	2.92			20.35	10.54	13.32	1.40
		Exchange Ports - 2-Wire VG unbundled Tennessee Area Calling port with Caller ID - Res (2MR)			UEPSR	UEPAO	2.89	9.93	9.19	3.66	2.92			20.35	10.54	13.32	1.40
		Exchange Ports - 2-Wire VG unbundled res, low usage line port with Caller ID (LUM)			UEPSR	UEPAP	2.89	9.93	9.19	3.66	2.92			20.35	10.54	13.32	1.40
		Exchange Port - 2-Wire VG Tennessee Residence Dialing Plan without Caller ID			UEPSR	UEPWN	2.89	9.93	9.19	3.66	2.92			20.35	10.54	13.32	1.40
		Exchange Port - 2-Wire VG Tennessee Residence Area Plus without Caller ID			UEPSR	UEPRR	2.89	9.93	9.19	3.66	2.92			20.35	10.54	13.32	1.40
		2-Wire voice unbundled Low Usage Line Port without Caller ID Capability			UEPSR	UEPRT	2.89	9.93	9.19	3.66	2.92			20.35	10.54	13.32	1.40
		Subsequent Activity			UEPSR	USASC	0.00	0.00	0.00					20.35	10.54	13.32	1.40
	FEATURES																
		All Available Vertical Features			UEPSR	UEPVF	0.00	0.00	0.00					20.35	10.54	13.32	1.40
	2-WIRE VOICE GRADE LINE PORT RATES (BUS)																
		Exchange Ports - 2-Wire Analog Line Port without Caller ID - Bus			UEPSB	UEPBL	2.89	9.93	9.19	3.66	2.92			20.35	10.54	13.32	1.40
		Exchange Ports - 2-Wire VG unbundled Line Port with unbundled port with Caller+E484 ID - Bus.			UEPSB	UEPBC	2.89	9.93	9.19	3.66	2.92			20.35	10.54	13.32	1.40
		Exchange Ports - 2-Wire Analog Line Port outgoing only - Bus.			UEPSB	UEPBO	2.89	9.93	9.19	3.66	2.92			20.35	10.54	13.32	1.40
		Exchange Ports - 2-Wire VG unbundled TN extended local dialing parity Port with Caller ID - Bus.			UEPSB	UEPAV	2.89	9.93	9.19	3.66	2.92			20.35	10.54	13.32	1.40
		Exchange Ports - 2-Wire VG unbundled incoming only port with Caller ID - Bus			UEPSB	UEPB1	2.89	9.93	9.19	3.66	2.92			20.35	10.54	13.32	1.40
		Exchange Ports - 2-Wire VG unbundled TN Bus 2-Way Area Calling Port Economy Option - Bus (TACC1)			UEPSB	UEPAC	2.89	9.93	9.19	3.66	2.92			20.35	10.54	13.32	1.40
		Exchange Ports - 2-Wire VG unbundled TN Bus 2-Way Area Calling Port Standard Option - Bus (TACC2)			UEPSB	UEPAD	2.89	9.93	9.19	3.66	2.92			20.35	10.54	13.32	1.40
		Exchange Ports - 2-W VG unbundled TN Bus 2-Way Collierville & Memphis Local Calling Port - Bus (B2F)			UEPSB	UEPAE	2.89	9.93	9.19	3.66	2.92			20.35	10.54	13.32	1.40
		Exchange Ports - 2-W VG unbundled TN Bus 2-Way Collierville & Memphis Local Calling Port			UEPSB	UEPB2	2.89	9.93	9.19	3.66	2.92			20.35	10.54	13.32	1.40
		Exchange Ports - 2-W VG unbundled TN, Business Line Inward, Collierville & Memphis Local Calling Plan			UEPSB	UEPB3	2.89	9.93	9.19	3.66	2.92			20.35	10.54	13.32	1.40
		Exchange Ports - 2-Wire Voice Tennessee Business Dialing Plan without Caller ID			UEPSB	UEPWO	2.89	9.93	9.19	3.66	2.92			20.35	10.54	13.32	1.40
		2-Wire voice unbundled Incoming Only Port without Caller ID Capability			UEPSB	UEPBE	2.89	9.93	9.19	3.66	2.92			20.35	10.54	13.32	1.40
		Subsequent Activity			UEPSB	USASC	0.00	0.00	0.00					20.35	10.54	13.32	1.40
	FEATURES																
		All Available Vertical Features			UEPSB	UEPVF	0.00	0.00	0.00					20.35	10.54	13.32	1.40
	EXCHANGE PORT RATES (DID & PBX)																
		2-Wire VG Unbundled 2-Way PBX Trunk - Res			UEPSE	UEPRD	2.79	9.93	9.19	3.66	2.92			20.35	10.54	13.32	1.40
		2-Wire VG Line Side Unbundled 2-Way PBX Trunk - Bus			UEPSP	UEPPC	2.79	9.93	9.19	3.66	2.92			20.35	10.54	13.32	1.40

UNBUNDLED NETWORK ELEMENTS - Tennessee													Attachment: 2 Exh. A								
CATEGORY	RATE ELEMENTS					Interim	Zone	BCS	USOC	RATES(\$)					Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l	
						Rec	Nonrecurring First	Add'l	Nonrecurring First	Disconnect Add'l			OSS Rates(\$)								
											SOME C	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN		

UNBUNDLED NETWORK ELEMENTS - Tennessee													Attachment: 2 Exh. A						
CATEGORY	RATE ELEMENTS				Interim	Zone	BCS	USOC	RATES(\$)					Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic- 1st	Incremental Charge - Manual Svc Order vs. Electronic- Add'l	Incremental Charge - Manual Svc Order vs. Electronic- Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic- Disc Add'l
								Rec	Nonrecurring First	Add'l	Nonrecurring First	Disconnect Add'l	OSS Rates(\$)						
													SOMEc	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN	

UNBUNDLED NETWORK ELEMENTS - Tennessee													Attachment: 2 Exh. A				
CATEGORY	RATE ELEMENTS		Interim	Zone	BCS	USOC	RATES(\$)					Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l
							Rec	Nonrecurring First	Add'l	Nonrecurring First	Disconnect Add'l	OSS Rates(\$)					
		2-Wire voice unbundled Low Usage Line Port without Caller ID Capability			UEPRX	UEPRT	2.70	22.14	15.25	8.45	3.91	SOMEc	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN
	FEATURES																
	All Features Offered				UEPRX	UEPVF	0.00	0.00	0.00								
	NONRECURRING CHARGES (NRCs) - CURRENTLY COMBINED																
		2-Wire Voice Grade Loop / Line Port Combination - Conversion - Switch-as-is			UEPRX	USAC2		1.03	0.29								
		2-Wire Voice Grade Loop / Line Port Combination - Conversion - Switch with change			UEPRX	USACC		1.03	0.29								
		2-Wire Voice Grade Loop / Line Port Combination - Conversion - Subsequent Database Update						0.76									
		2-Wire Voice Grade Loop / Line Port Platform - Installation Charge at QuickService location - Not Conversion of Existing Service			UEPRX	URECC		1.03									
	ADDITIONAL NRCs																
		2-Wire Voice Grade Loop/Line Port Combination - Subsequent Activity			UEPRX	USAS2	0.00	0.00	0.00								
		Unbundled Miscellaneous Rate Element, Tag Loop at End User Premise			UEPRX	URETL		8.33	0.83					20.35	10.54	13.32	13.32
	OFF/ON PREMISES EXTENSION CHANNELS																
		2 Wire Analog Voice Grade Extension Loop – Non-Design		1	UEPRX	UEAEN	13.19	31.99	20.02	10.65	1.41			20.35	10.54	13.32	13.32
		2 Wire Analog Voice Grade Extension Loop – Non-Design		2	UEPRX	UEAEN	17.23	31.99	20.02	10.65	1.41			20.35	10.54	13.32	13.32
		2 Wire Analog Voice Grade Extension Loop – Non-Design		3	UEPRX	UEAEN	22.53	31.99	20.02	10.65	1.41			20.35	10.54	13.32	13.32
		2 Wire Analog Voice Grade Extension Loop – Design		1	UEPRX	UEAED	16.56	75.06	48.20	28.70	17.64			20.35	10.54	13.32	13.32
		2 Wire Analog Voice Grade Extension Loop – Design		2	UEPRX	UEAED	21.63	75.06	48.20	28.70	17.64			20.35	10.54	13.32	13.32
		2 Wire Analog Voice Grade Extension Loop – Design		3	UEPRX	UEAED	28.28	75.06	48.20	28.70	17.64			20.35	10.54	13.32	13.32
	INTEROFFICE TRANSPORT																
		Interoffice Transport - Dedicated - 2 Wire Voice Grade - Facility Termination			UEPRX	U1TV2	18.58	55.39	17.37	27.96	3.51						
		Interoffice Transport - Dedicated - 2 Wire Voice Grade - Per Mile or Fraction Mile			UEPRX	U1TVM	0.0174	0.00	0.00								
	2-WIRE VOICE GRADE LOOP WITH 2-WIRE LINE PORT (BUS)																
	UNE Port/Loop Combination Rates																
		2-Wire VG Loop/Port Combo - Zone 1					15.18										
		2-Wire VG Loop/Port Combo - Zone 2					19.01										
		2-Wire VG Loop/Port Combo - Zone 3					24.02										
	UNE Loop Rates																
		2-Wire Voice Grade Loop (SL1) - Zone 1		1	UEPBX	UEPLX	12.48										
		2-Wire Voice Grade Loop (SL1) - Zone 2		2	UEPBX	UEPLX	16.31										
		2-Wire Voice Grade Loop (SL1) - Zone 3		3	UEPBX	UEPLX	21.32										
	2-Wire Voice Grade Line Port (Bus)																
		2-Wire voice unbundled port without Caller ID - bus			UEPBX	UEPBL	2.70	22.14	15.25	8.45	3.91			20.35	10.54	13.32	13.32
		2-Wire voice unbundled port with Caller + E484 ID - bus			UEPBX	UEPBC	2.70	22.14	15.25	8.45	3.91			20.35	10.54	13.32	13.32
		2-Wire voice unbundled port outgoing only - bus			UEPBX	UEPBO	2.70	22.14	15.25	8.45	3.91			20.35	10.54	13.32	13.32
		2-Wire voice Grade unbundled Tennessee extended local dialing party port with Caller ID - bus			UEPBX	UEPAV	2.70	22.14	15.25	8.45	3.91			20.35	10.54	13.32	13.32
		2-Wire voice unbundled incoming only port with Caller ID - Bus			UEPBX	UEPB1	2.70	22.14	15.25	8.45	3.91			20.35	10.54	13.32	13.32
		2-Wire voice unbundled Tennessee Bus 2-Way Area Calling Port Economy Option (TACC1)			UEPBX	UEPAC	2.70	22.14	15.25	8.45	3.91			20.35	10.54	13.32	13.32
		2-Wire voice unbundled Tennessee Bus 2-Way Area Calling Port Standard Option (TACC2)			UEPBX	UEPAD	2.70	22.14	15.25	8.45	3.91			20.35	10.54	13.32	13.32
		2-Wire voice unbundled Tennessee Bus 2-Way Collierville and Memphis Local Calling Port (B2F)			UEPBX	UEPAE	2.70	22.14	15.25	8.45	3.91			20.35	10.54	13.32	13.32
		2-Wire Voice Unbundled Tennessee Business Dialing Plan without Caller ID			UEPBX	UEPWO	2.70	22.14	15.25	8.45	3.91			20.35	10.54	13.32	13.32
		Tennessee Inward Collierville and Memphis Local Calling Plan (BUS)			UEPBX	UEPB2	2.70	22.14	15.25	8.45	3.91			20.35	10.54	13.32	13.32
		Tennessee 2-Way Collierville and Memphis Local Calling Plan (BUS)			UEPBX	UEPB3	2.70	22.14	15.25	8.45	3.91			20.35	10.54	13.32	13.32

UNBUNDLED NETWORK ELEMENTS - Tennessee													Attachment: 2 Exh. A				
CATEGORY	RATE ELEMENTS		Interim	Zone	BCS	USOC	RATES(\$)				Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l	
							Rec	Nonrecurring First	Add'l	Nonrecurring First	Disconnect Add'l	OSS Rates(\$)					
												SOMEc	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN
		2-Wire voice unbundled Incoming Only Port without Caller ID Capability			UEPBX	UEPBE	2.70	22.14	15.25	8.45	3.91			20.35	10.54	13.32	13.32
	FEATURES																
		All Features Offered			UEPBX	UEPVF	0.00	0.00	0.00								
	NONRECURRING CHARGES (NRCs) - CURRENTLY COMBINED																
		2-Wire Voice Grade Loop / Line Port Combination - Conversion - Switch-as-is			UEPBX	USAC2		1.03	0.29								
		2-Wire Voice Grade Loop / Line Port Combination - Conversion - Switch with change			UEPBX	USACC		1.03	0.29								
		2-Wire Voice Grade Loop / Line Port Combination - Conversion - Subsequent Database Update						0.76									
	ADDITIONAL NRCs																
		2-Wire Voice Grade Loop/Line Port Combination - Subsequent Activity			UEPBX	USAS2	0.00	0.00	0.00								
		Unbundled Miscellaneous Rate Element, Tag Loop at End User Premise			UEPBX	URETL		8.33	0.83								
	OFFON PREMISES EXTENSION CHANNELS																
		2 Wire Analog Voice Grade Extension Loop – Non-Design		1	UEPBX	UEAEN	13.19	31.99	20.02	10.65	1.41			20.35	10.54	13.32	13.32
		2 Wire Analog Voice Grade Extension Loop – Non-Design		2	UEPBX	UEAEN	17.23	31.99	20.02	10.65	1.41			20.35	10.54	13.32	13.32
		2 Wire Analog Voice Grade Extension Loop – Non-Design		3	UEPBX	UEAEN	22.53	31.99	20.02	10.65	1.41			20.35	10.54	13.32	13.32
		2 Wire Analog Voice Grade Extension Loop – Design		1	UEPBX	UEAED	16.56	75.06	48.20	28.70	17.64			20.35	10.54	13.32	13.32
		2 Wire Analog Voice Grade Extension Loop – Design		2	UEPBX	UEAED	21.63	75.06	48.20	28.70	17.64			20.35	10.54	13.32	13.32
		2 Wire Analog Voice Grade Extension Loop – Design		3	UEPBX	UEAED	28.28	75.06	48.20	28.70	17.64			20.35	10.54	13.32	13.32
	INTEROFFICE TRANSPORT																
		Interoffice Transport - Dedicated - 2 Wire Voice Grade - Facility Termination			UEPBX	U1TV2	18.58	55.39	17.37	27.96	3.51						
		Interoffice Transport - Dedicated - 2 Wire Voice Grade - Per Mile or Fraction Mile			UEPBX	U1TVM	0.0174	0.00	0.00								
	2-WIRE VOICE GRADE LOOP WITH 2-WIRE LINE PORT (RES - PBX)																
	UNE Port/Loop Combination Rates																
		2-Wire VG Loop/Port Combo - Zone 1					15.18										
		2-Wire VG Loop/Port Combo - Zone 2					19.01										
		2-Wire VG Loop/Port Combo - Zone 3					24.02										
	UNE Loop Rates																
		2-Wire Voice Grade Loop (SL 1) - Zone 1		1	UEPRG	UEPLX	12.48										
		2-Wire Voice Grade Loop (SL 1) - Zone 2		2	UEPRG	UEPLX	16.31										
		2-Wire Voice Grade Loop (SL 1) - Zone 3		3	UEPRG	UEPLX	21.32										
	2-Wire Voice Grade Line Port Rates (RES - PBX)																
		2-Wire VG Unbundled Combination 2-Way PBX Trunk Port - Res			UEPRG	UEPRD	2.70	22.14	15.25	8.45	3.91			20.35	10.54	13.32	13.32
	FEATURES																
		All Features Offered			UEPRG	UEPVF	0.00	0.00	0.00								
	NONRECURRING CHARGES (NRCs) - CURRENTLY COMBINED																
		2-Wire Voice Grade Loop/ Line Port Combination (PBX) - Conversion - Switch-As-Is			UEPRG	USAC2		1.03	0.29								
		2-Wire Voice Grade Loop/ Line Port Combination (PBX) - Conversion - Switch with Change			UEPRG	USACC		1.03	0.29								
		2-Wire Voice Grade Loop / Line Port Combination - Conversion - Subsequent Database Update						0.76									
	ADDITIONAL NRCs																
		2-Wire Voice Grade Loop/ Line Port Combination (PBX) - Subsequent Activity			UEPRG	USAS2	0.00	0.00	0.00								
		PBX Subsequent Activity - Change/Rearrange Multiline Hunt Group						14.64	14.64								
		Unbundled Miscellaneous Rate Element, Tag Loop at End User Premise			UEPRG	URETL		8.33	0.83								
	OFF/ON PREMISES EXTENSION CHANNELS																
		Local Channel Voice grade, per termination		1	UEPRG	P2JHX	16.56	75.06	48.20	28.70	17.64			20.35	10.54	13.32	13.32
		Local Channel Voice grade, per termination		2	UEPRG	P2JHX	21.63	75.06	48.20	28.70	17.64			20.35	10.54	13.32	13.32
		Local Channel Voice grade, per termination		3	UEPRG	P2JHX	28.28	75.06	48.20	28.70	17.64			20.35	10.54	13.32	13.32

UNBUNDLED NETWORK ELEMENTS - Tennessee													Attachment: 2 Exh. A							
CATEGORY	RATE ELEMENTS					Interim	Zone	BCS	USOC	RATES(\$)					Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l
						Rec	Nonrecurring First	Add'l	Nonrecurring First	Disconnect Add'l	OSS Rates(\$)									
											SOME C	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN		
					Non-Wire Direct Serve Channel Voice Grade															
					SW	UEPRG			SDD2X											
						10.02	148.84	112.34	73.14	36.65						20.35	10.54	13.32	13.32	
					INTEROFFICE TRANSPORT															
					Interoffice Transport - Dedicated - 2 Wire Voice Grade - Facility Termination				UEPRG	U1TV2										
					Interoffice Transport - Dedicated - 2 Wire Voice Grade - Per Mile or Fraction Mile				UEPRG	U1TVM										
						0.0174	0.00	0.00												
					2-WIRE VOICE GRADE LOOP WITH 2-WIRE LINE PORT (BUS - PBX)															
					UNE Port/Loop Combination Rates															
					2-Wire VG Loop/Port Combo - Zone 1															
					2-Wire VG Loop/Port Combo - Zone 2															
					2-Wire VG Loop/Port Combo - Zone 3															
						15.18														
						19.01														
						24.02														
					UNE Loop Rates															
					2-Wire Voice Grade Loop (SL 1) - Zone 1				1	UEPPX	UEPLX									
					2-Wire Voice Grade Loop (SL 1) - Zone 2				2	UEPPX	UEPLX									
					2-Wire Voice Grade Loop (SL 1) - Zone 3				3	UEPPX	UEPLX									
						12.48														
						16.31														
						21.32														
					2-Wire Voice Grade Line Port Rates (BUS - PBX)															
					Line Side Unbundled Combination 2-Way PBX Trunk Port - Bus				UEPPX	UEPPC	2.70	22.14	15.25	8.45	3.91		20.35	10.54	13.32	13.32
					Line Side Unbundled Outward PBX Trunk Port - Bus				UEPPX	UEPPO	2.70	22.14	15.25	8.45	3.91		20.35	10.54	13.32	13.32
					Line Side Unbundled Incoming PBX Trunk Port - Bus				UEPPX	UEPP1	2.70	22.14	15.25	8.45	3.91		20.35	10.54	13.32	13.32
					2-Wire Voice Unbundled PBX LD Terminal Ports				UEPPX	UEPLD	2.70	22.14	15.25	8.45	3.91		20.35	10.54	13.32	13.32
					2-Wire Voice Unbundled 2-Way Combination PBX Tennessee Calling Port				UEPPX	UEPT2	2.70	22.14	15.25	8.45	3.91		20.35	10.54	13.32	13.32
					2-Wire Voice Unbundled 1-Way Outgoing PBX Tennessee Calling Port				UEPPX	UEPTO	2.70	22.14	15.25	8.45	3.91		20.35	10.54	13.32	13.32
					2-Wire Voice Unbundled 2-Way Combination PBX Usage Port				UEPPX	UEPXA	2.70	22.14	15.25	8.45	3.91		20.35	10.54	13.32	13.32
					2-Wire Voice Unbundled PBX Toll Terminal Hotel Ports				UEPPX	UEPXB	2.70	22.14	15.25	8.45	3.91		20.35	10.54	13.32	13.32
					2-Wire Voice Unbundled PBX LD DDD Terminals Port				UEPPX	UEPXC	2.70	22.14	15.25	8.45	3.91		20.35	10.54	13.32	13.32
					2-Wire Voice Unbundled PBX LD Terminal Switchboard Port				UEPPX	UEPXD	2.70	22.14	15.25	8.45	3.91		20.35	10.54	13.32	13.32
					2-Wire Voice Unbundled PBX LD Terminal Switchboard IDD Capable Port				UEPPX	UEPXE	2.70	22.14	15.25	8.45	3.91		20.35	10.54	13.32	13.32
					2-Wire Voice Unbundled 2-Way PBX Hotel/Hospital Economy Administrative Calling Port				UEPPX	UEPXL	2.70	22.14	15.25	8.45	3.91		20.35	10.54	13.32	13.32
					2-Wire Voice Unbundled 2-Way PBX Hotel/Hospital Economy Room Calling Port				UEPPX	UEPXM	2.70	22.14	15.25	8.45	3.91		20.35	10.54	13.32	13.32
					2-Wire Voice Unbundled 1W Out PBX Hotel/Hospital Economy Administrative Calling Port TN Calling Port				UEPPX	UEPXN	2.70	22.14	15.25	8.45	3.91		20.35	10.54	13.32	13.32
					2-Wire Voice Unbundled 1-Way Outgoing PBX Hotel/Hospital Discount Room Calling Port				UEPPX	UEPXO	2.70	22.14	15.25	8.45	3.91		20.35	10.54	13.32	13.32
					2-Wire Voice Unbundled 1-Way Outgoing PBX Measured Port				UEPPX	UEPXS	2.70	22.14	15.25	8.45	3.91		20.35	10.54	13.32	13.32
					2-Wire Voice Unbundled PBX Collierville and Memphis Calling Port				UEPPX	UEPXU	2.70	22.14	15.25	8.45	3.91		20.35	10.54	13.32	13.32
					2-Wire Voice Unbundled 2-Way PBX Tennessee RegionServ Calling Port				UEPPX	UEPXV	2.70	22.14	15.25	8.45	3.91		20.35	10.54	13.32	13.32
					Tennessee PBX 2-Way Combo Each Additional Trunk Collierville and Memphis Local Calling Plan				UEPPX	UEPA6	2.70	22.14	15.25	8.45	3.91		20.35	10.54	13.32	13.32
					Tennessee PBX 2-Way Combo First Trunk Collierville and Memphis Local Calling Plan				UEPPX	UEPA7	2.70	22.14	15.25	8.45	3.91		20.35	10.54	13.32	13.32
					FEATURES															
					All Features Offered				UEPPX	UEPVF	0.00	0.00	0.00							
					NONRECURRING CHARGES (NRCs) - CURRENTLY COMBINED															
					2-Wire Voice Grade Loop/ Line Port Combination (PBX) - Conversion - Switch-As-Is				UEPPX	USAC2			1.03	0.29						
					2-Wire Voice Grade Loop/ Line Port Combination (PBX) - Conversion - Switch with Change				UEPPX	USACC			1.03	0.29						
					2-Wire Voice Grade Loop / Line Port Combination - Conversion - Subsequent Database Update															
					ADDITIONAL NRCs															
					2-Wire Voice Grade Loop/ Line Port Combination (PBX) - Subsequent Activity				UEPPX	USAS2	0.00	0.00	0.00							

UNBUNDLED NETWORK ELEMENTS - Tennessee												Attachment: 2 Exh. A				
CATEGORY	RATE ELEMENTS		Interim	Zone	BCS	USOC	RATES(\$)				Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l
							Rec	Nonrecurring First	Add'l	Nonrecurring First	Disconnect Add'l	SOME C	SOMAN	OSS Rates(\$)		
		PBX Subsequent Activity - Change/Rearrange Multiline Hunt Group						14.64	14.64							
		Unbundled Miscellaneous Rate Element, Tag Loop at End User Premise			UEPPX	URETL		8.33	0.83					20.35	10.54	13.32 13.32
		OFF/ON PREMISES EXTENSION CHANNELS														
		Local Channel Voice grade, per termination		1	UEPPX	P2JHX	16.56	75.06	48.20	28.70	17.64			20.35	10.54	13.32 13.32
		Local Channel Voice grade, per termination		2	UEPPX	P2JHX	21.63	75.06	48.20	28.70	17.64			20.35	10.54	13.32 13.32
		Local Channel Voice grade, per termination		3	UEPPX	P2JHX	28.28	75.06	48.20	28.70	17.64			20.35	10.54	13.32 13.32
		Non-Wire Direct Serve Channel Voice Grade		SW	UEPPX	SDD2X	10.02	148.84	112.34	73.14	36.65			20.35	10.54	13.32 13.32
		INTEROFFICE TRANSPORT														
		Interoffice Transport - Dedicated - 2 Wire Voice Grade - Facility Termination			UEPPX	U1TV2	18.58	55.39	17.37	27.96	3.51					
		Interoffice Transport - Dedicated - 2 Wire Voice Grade - Per Mile or Fraction Mile			UEPPX	U1TVM	0.0174	0.00	0.00							
		2-WIRE VOICE GRADE LOOP WITH 2-WIRE LINE PORT (COIN)														
		UNE Port/Loop Combination Rates														
		2-Wire VG Coin Port/Loop Combo – Zone 1					15.18									
		2-Wire VG Coin Port/Loop Combo – Zone 2					19.01									
		2-Wire VG Coin Port/Loop Combo – Zone 3					24.02									
		UNE Loop Rates														
		2-Wire Voice Grade Loop (SL1) - Zone 1		1	UEPCO	UEPLX	12.48									
		2-Wire Voice Grade Loop (SL1) - Zone 2		2	UEPCO	UEPLX	16.31									
		2-Wire Voice Grade Loop (SL1) - Zone 3		3	UEPCO	UEPLX	21.32									
		2-Wire Voice Grade Line Ports (COIN)														
		2-Wire Coin 2-Way without Operator Screening and without Blocking (TN)			UEPCO	UEPTB	2.70	22.14	15.25	8.45	3.91			20.35	10.54	13.32 13.32
		2-Wire Coin 2-Way with Operator Screening and Blocking: 011, 900/976, 1+DDD (NC, TN)			UEPCO	UEPRP	2.70	22.14	15.25	8.45	3.91			20.35	10.54	13.32 13.32
		2-Wire Coin 2-Way with Operator Screening and 011 Blocking (TN)			UEPCO	UEPTA	2.70	22.14	15.25	8.45	3.91			20.35	10.54	13.32 13.32
		2-Wire Coin 2-Way with Operator Screening: 900 Blocking: 900/976, 1+DDD, 011+, and Local (NC, TN)			UEPCO	UEPCA	2.70	22.14	15.25	8.45	3.91			20.35	10.54	13.32 13.32
		2-Wire Coin Outward with Operator Screening and 011 Blocking (TN)			UEPCO	UEPTC	2.70	22.14	15.25	8.45	3.91			20.35	10.54	13.32 13.32
		2-Wire Coin Outward with Operator Screening and Blocking: 900/976, 1+DDD, 011+, and Local (TN)			UEPCO	UEPOT	2.70	22.14	15.25	8.45	3.91			20.35	10.54	13.32 13.32
		2-Wire 2-Way Smartline with 900/976 (all states except LA)			UEPCO	UEPCK	2.88							20.35	10.54	13.32 13.32
		2-Wire Coin Outward Smartline with 900/976 (all states except LA)			UEPCO	UEPCR	2.88							20.35	10.54	13.32 13.32
		ADDITIONAL UNE COIN PORT/LOOP (RC)														
		UNE Coin Port/Loop Combo Usage (Flat Rate)			UEPCO	URECU	3.45	0.00	0.00	0.00	0.00					
		2-Wire Voice Grade Loop / Line Port Combination - Conversion - Switch-as-is			UEPCO	USAC2		1.03	0.29							
		2-Wire Voice Grade Loop / Line Port Combination - Conversion - Switch with change			UEPCO	USACC		1.03	0.29							
		2-Wire Voice Grade Loop/Line Port Combination - Subsequent Activity			UEPCO	USAS2	0.00	0.00	0.00							
		Unbundled Miscellaneous Rate Element, Tag Loop at End User Premise			UEPCO	URETL		8.33	0.83							
		2-WIRE VOICE LOOP/ 2WIRE VOICE GRADE IO TRANSPORT/ 2-WIRE LINE PORT (RES)														
		UNE Port/Loop Combination Rates														
		2-Wire VG Loop/IO Tranport/Port Combo - Zone 1					19.45									
		2-Wire VG Loop/IO Tranport/Port Combo - Zone 2					24.52									
		2-Wire VG Loop/IO Tranport/Port Combo - Zone 3					31.17									
		UNE Loop Rates														
		2-Wire Voice Grade Loop (SL2) - Zone 1		1	UEPFR	UECF2	16.56									
		2-Wire Voice Grade Loop (SL2) - Zone 2		2	UEPFR	UECF2	21.63									
		2-Wire Voice Grade Loop (SL2) - Zone 3		3	UEPFR	UECF2	28.28									
		2-Wire Voice Grade Line Port Rates (Res)														
		2-Wire voice unbundled port - residence			UEPFR	UEPRL	2.89	84.99	57.39	32.36	20.56			20.35	10.54	13.32 13.32

UNBUNDLED NETWORK ELEMENTS - Tennessee												Attachment: 2 Exh. A					
CATEGORY	RATE ELEMENTS					Interim	Zone	BCS	USOC	RATES(\$)		Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l
						Rec	Nonrecurring First	Add'l	Nonrecurring First	Disconnect Add'l	OSS Rates(\$)						
											SOMEc	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN
		2-Wire voice unbundled port with Caller ID - res			UEPFR	UEPRC	2.89	84.99	57.39	32.36	20.56			20.35	10.54	13.32	13.32
		2-Wire voice unbundled port outgoing only - res			UEPFR	UEPRO	2.89	84.99	57.39	32.36	20.56			20.35	10.54	13.32	13.32
		2-Wire voice Grade unbundled Tennessee extended local dialing party port with Caller ID - res			UEPFR	UEPAQ	2.89	84.99	57.39	32.36	20.56			20.35	10.54	13.32	13.32
		2-Wire voice unbundled Tennessee Area Plus with Caller ID - res (AC7)			UEPFR	UEPAH	2.89	84.99	57.39	32.36	20.56			20.35	10.54	13.32	13.32
		2-Wire voice unbundled Tennessee Area Calling port with Caller ID - res (F2R)			UEPFR	UEPAK	2.89	84.99	57.39	32.36	20.56			20.35	10.54	13.32	13.32
		2-Wire voice unbundled Tennessee Area Calling port with Caller ID - res (TACER)			UEPFR	UEPAL	2.89	84.99	57.39	32.36	20.56			20.35	10.54	13.32	13.32
		2-Wire voice unbundled Tennessee Area Calling port with Caller ID - res (TACSR)			UEPFR	UEPAM	2.89	84.99	57.39	32.36	20.56			20.35	10.54	13.32	13.32
		2-Wire voice unbundled Tennessee Area Calling port with Caller ID - res (1MF2X)			UEPFR	UEPAN	2.89	84.99	57.39	32.36	20.56			20.35	10.54	13.32	13.32
		2-Wire voice unbundled Tennessee Area Calling port with Caller ID - res (2MR)			UEPFR	UEPAO	2.89	84.99	57.39	32.36	20.56			20.35	10.54	13.32	13.32
		2-Wire voice unbundles res, low usage line port with Caller ID (LUM)			UEPFR	UEPAP	2.89	84.99	57.39	32.36	20.56			20.35	10.54	13.32	13.32
		2-Wire Voice Unbundled Tennessee Residence Dialing Plan without Caller ID			UEPFR	UEPWN	2.89	84.99	57.39	32.36	20.56			20.35	10.54	13.32	13.32
	INTEROFFICE TRANSPORT																
		Interoffice Transport - Dedicated - 2 Wire Voice Grade - Facility Termination			UEPFR	U1TV2	18.58	55.39	17.37	27.96	3.51						
		Interoffice Transport - Dedicated - 2 Wire Voice Grade - Per Mile or Fraction Mile			UEPFR	1L5XX	0.0174										
	FEATURES																
		All Features Offered			UEPFR	UEPVF	0.00	0.00	0.00								
	NONRECURRING CHARGES (NRCs) - CURRENTLY COMBINED																
		2-Wire Loop / Dedicated IO Transport / 2 Wire Line Port Combination - Conversion - Switch-as-is			UEPFR	USAC2		16.94	3.72								
		2-Wire Loop / Dedicated IO Transport / 2 Wire Line Port Combination - Conversion - Switch-With-Change			UEPFR	USACC		16.94	3.72								
		Unbundled Miscellaneous Rate Element, Tag Designed Loop at End User Premise			UEPFR	URETN		11.23	1.10								
	2-WIRE VOICE LOOP/ 2WIRE VOICE GRADE IO TRANSPORT/ 2-WIRE LINE PORT (BUS)																
	UNE Port/Loop Combination Rates																
		2-Wire VG Loop/IO Tranport/Port Combo - Zone 1				19.45											
		2-Wire VG Loop/IO Tranport/Port Combo - Zone 2				24.52											
		2-Wire VG Loop/IO Tranport/Port Combo - Zone 3				31.17											
	UNE Loop Rates																
		2-Wire Voice Grade Loop (SL2) - Zone 1		1	UEPFB	UECF2	16.56										
		2-Wire Voice Grade Loop (SL2) - Zone 2		2	UEPFB	UECF2	21.63										
		2-Wire Voice Grade Loop (SL2) - Zone 3		3	UEPFB	UECF2	28.28										
	2-Wire voice Grade Line Port (Bus)																
		2-Wire voice unbundled port without Caller ID - bus			UEPFB	UEPBL	2.89	84.99	57.39	32.36	20.56			20.35	10.54	13.32	13.32
		2-Wire voice unbundled port with Caller + E484 ID - bus			UEPFB	UEPBC	2.89	84.99	57.39	32.36	20.56			20.35	10.54	13.32	13.32
		2-Wire voice unbundled port outgoing only - bus			UEPFB	UEPBO	2.89	84.99	57.39	32.36	20.56			20.35	10.54	13.32	13.32
		2-Wire voice Grade unbundled Tennessee extended local dialing party port with Caller ID - bus			UEPFB	UEPAV	2.89	84.99	57.39	32.36	20.56			20.35	10.54	13.32	13.32
		2-Wire voice unbundled incoming only port with Caller ID - Bus			UEPFB	UEPB1	2.89	84.99	57.39	32.36	20.56			20.35	10.54	13.32	13.32
		2-Wire voice unbundled Tennessee Bus 2-Way Area Calling Port Economy Option (TACC1)			UEPFB	UEPAC	2.89	84.99	57.39	32.36	20.56			20.35	10.54	13.32	13.32
		2-Wire voice unbundled Tennessee Bus 2-Way Area Calling Port Standard Option (TACC2)			UEPFB	UEPAD	2.89	84.99	57.39	32.36	20.56			20.35	10.54	13.32	13.32
		2-Wire voice unbundled Tennessee Bus 2-Way Collierville and Memphis Local Calling Port (B2F)			UEPFB	UEPAE	2.89	84.99	57.39	32.36	20.56			20.35	10.54	13.32	13.32
		2-Wire Voice Unbundled Tennessee Business Dialing Plan without Caller ID			UEPFB	UEPWO	2.89	84.99	57.39	32.36	20.56			20.35	10.54	13.32	13.32
		Tennessee Inward Collierville and Memphis Local Calling Plan (BUS)			UEPFB	UEPB2	2.89	84.99	57.39	32.36	20.56			20.35	10.54	13.32	13.32

UNBUNDLED NETWORK ELEMENTS - Tennessee														Attachment: 2 Exh. A				
CATEGORY		RATE ELEMENTS	Interim	Zone	BCS	USOC	RATES(\$)				Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l		
							Rec	Nonrecurring First	Add'l	Nonrecurring Disconnect First							Add'l	
												OSS Rates(\$)						
		Tennessee 2-Way Collierville and Memphis Local Calling Plan (BUS)			UEPFB	UEPB3	2.89	84.99	57.39	32.36	20.56	SOME C	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN	
		INTEROFFICE TRANSPORT																
		Interoffice Transport - Dedicated - 2 Wire Voice Grade - Facility Termination			UEPFB	U1TV2	18.58	55.39	17.37	27.96	3.51							
		Interoffice Transport - Dedicated - 2 Wire Voice Grade - Per Mile or Fraction Mile			UEPFB	1L5XX	0.0174											
		FEATURES																
		All Features Offered			UEPFB	UEPVF	0.00	0.00	0.00									
		NONRECURRING CHARGES (NRCs) - CURRENTLY COMBINED																
		2-Wire Loop / Dedicated IO Transport / 2 Wire Line Port Combination - Conversion - Switch-as-is			UEPFB	USAC2		16.94	3.72									
		2-Wire Loop / Dedicated IO Transport / 2 Wire Line Port Combination - Conversion - Switch with change			UEPFB	USACC		16.94	3.72									
		Unbundled Miscellaneous Rate Element, Tag Designed Loop at End User Premise			UEPFB	URETN		11.23	1.10									
		2-WIRE VOICE LOOP/ 2WIRE VOICE GRADE IO TRANSPORT/ 2-WIRE LINE PORT (PBX)																
		UNE Port/Loop Combination Rates																
		2-Wire VG Loop/IO Tranport/Port Combo - Zone 1					19.45											
		2-Wire VG Loop/IO Tranport/Port Combo - Zone 2					24.52											
		2-Wire VG Loop/IO Tranport/Port Combo - Zone 3					31.17											
		UNE Loop Rates																
		2-Wire Voice Grade Loop (SL2) - Zone 1		1	UEPFP	UECF2	16.56											
		2-Wire Voice Grade Loop (SL2) - Zone 2		2	UEPFP	UECF2	21.63											
		2-Wire Voice Grade Loop (SL2) - Zone 3		3	UEPFP	UECF2	28.28											
		2-Wire Voice Grade Line Port Rates (BUS - PBX)																
		Line Side Unbundled Combination 2-Way PBX Trunk Port - Bus			UEPFP	UEPPC	2.79	106.40	63.08	42.67	18.54			20.35	10.54	13.32	13.32	
		Line Side Unbundled Outward PBX Trunk Port - Bus			UEPFP	UEPPO	2.79	106.40	63.08	42.67	18.54			20.35	10.54	13.32	13.32	
		Line Side Unbundled Incoming PBX Trunk Port - Bus			UEPFP	UEPP1	2.79	106.40	63.08	42.67	18.54			20.35	10.54	13.32	13.32	
		2-Wire Voice Unbundled PBX LD Terminal Ports			UEPFP	UEPLD	2.79	106.40	63.08	42.67	18.54			20.35	10.54	13.32	13.32	
		2-Wire Voice Unbundled 2-Way Combination PBX Tennessee Calling Port			UEPFP	UEPT2	2.79	106.40	63.08	42.67	18.54			20.35	10.54	13.32	13.32	
		2-Wire Voice Unbundled 1-Way Outgoing PBX Tennessee Calling Port			UEPFP	UEPTO	2.79	106.40	63.08	42.67	18.54			20.35	10.54	13.32	13.32	
		2-Wire Voice Unbundled 2-Way Combination PBX Usage Port			UEPFP	UEPXA	2.79	106.40	63.08	42.67	18.54			20.35	10.54	13.32	13.32	
		2-Wire Voice Unbundled PBX Toll Terminal Hotel Ports			UEPFP	UEPXB	2.79	106.40	63.08	42.67	18.54			20.35	10.54	13.32	13.32	
		2-Wire Voice Unbundled PBX LD DDD Terminals Port			UEPFP	UEPXC	2.79	106.40	63.08	42.67	18.54			20.35	10.54	13.32	13.32	
		2-Wire Voice Unbundled PBX LD Terminal Switchboard Port			UEPFP	UEPXD	2.79	106.40	63.08	42.67	18.54			20.35	10.54	13.32	13.32	
		2-Wire Voice Unbundled PBX LD Terminal Switchboard IDD Capable Port			UEPFP	UEPXE	2.79	106.40	63.08	42.67	18.54			20.35	10.54	13.32	13.32	
		2-Wire Voice Unbundled 2-Way PBX Hotel/Hospital Economy Administrative Calling Port			UEPFP	UEPXL	2.79	106.40	63.08	42.67	18.54			20.35	10.54	13.32	13.32	
		2-Wire Voice Unbundled 2-Way PBX Hotel/Hospital Economy Room Calling Port			UEPFP	UEPXM	2.79	106.40	63.08	42.67	18.54			20.35	10.54	13.32	13.32	
		2-Wire Voice Unbundled 1W Out PBX Hotel/Hospital Economy Administrative Calling Port TN Calling Port			UEPFP	UEPXN	2.79	106.40	63.08	42.67	18.54			20.35	10.54	13.32	13.32	
		2-Wire Voice Unbundled 1-Way Outgoing PBX Hotel/Hospital Discount Room Calling Port			UEPFP	UEPXO	2.79	106.40	63.08	42.67	18.54			20.35	10.54	13.32	13.32	
		2-Wire Voice Unbundled 1-Way Outgoing PBX Measured Port			UEPFP	UEPXS	2.79	106.40	63.08	42.67	18.54			20.35	10.54	13.32	13.32	
		2-Wire Voice Unbundled PBX Collierville and Memphis Calling Port			UEPFP	UEPXU	2.79	106.40	63.08	42.67	18.54			20.35	10.54	13.32	13.32	
		2-Wire Voice Unbundled 2-Way PBX Tennessee RegionServ Calling Port			UEPFP	UEPXV	2.79	106.40	63.08	42.67	18.54			20.35	10.54	13.32	13.32	
		INTEROFFICE TRANSPORT																
		Interoffice Transport - Dedicated - 2 Wire Voice Grade - Facility Termination			UEPFP	U1TV2	18.58	55.39	17.37	27.96	3.51							
		Interoffice Transport - Dedicated - 2 Wire Voice Grade - Per Mile or Fraction Mile			UEPFP	1L5XX	0.0174											
		FEATURES																

UNBUNDLED NETWORK ELEMENTS - Tennessee											Attachment: 2 Exh. A					
CATEGORY	RATE ELEMENTS	Interim	Zone	BCS	USOC	RATES(\$)					Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l
						Rec	Nonrecurring First	Add'l	Nonrecurring Disconnect First	Add'l	OSS Rates(\$)					
											SOME C	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN
	All Features Offered			UEPFP	UEPVF	0.00	0.00	0.00								
	NONRECURRING CHARGES (NRCs) - CURRENTLY COMBINED															
	2-Wire Loop / Dedicated IO Transport / 2 Wire Line Port Combination - Conversion - Switch-as-is			UEPFP	USAC2		16.94	3.72								
	2-Wire Loop / Dedicated IO Transport / 2 Wire Line Port Combination - Conversion - Switch with change			UEPFP	USACC		16.94	3.72								
	Unbundled Miscellaneous Rate Element, Tag Designed Loop at End User Premise			UEPFP	URETN		11.23	1.10								
	2-WIRE VOICE GRADE LOOP- BUS ONLY - WITH 2-WIRE DID TRUNK PORT															
	UNE Port/Loop Combination Rates															
	2-Wire VG Loop/2-Wire DID Trunk Port Combo - UNE Zone 1					19.38										
	2-Wire VG Loop/2-Wire DID Trunk Port Combo - UNE Zone 2					20.87										
	2-Wire VG Loop/2-Wire DID Trunk Port Combo - UNE Zone 3					25.78										
	UNE Loop Rates															
	2-Wire Analog Voice Grade Loop - (SL2) - UNE Zone 1		1	UEPPX	UECD1	9.60										
	2-Wire Analog Voice Grade Loop - (SL2) - UNE Zone 2		2	UEPPX	UECD1	11.09										
	2-Wire Analog Voice Grade Loop - (SL2) - UNE Zone 3		3	UEPPX	UECD1	16.00										
	UNE Port Rate															
	Exchange Ports - 2-Wire DID Port			UEPPX	UEPD1	9.78	45.44	29.94	8.45	3.91			30.89	7.03		
	NONRECURRING CHARGES - CURRENTLY COMBINED															
	2-Wire Voice Grade Loop / 2-Wire DID Trunk Port Combination - Switch-as-is			UEPPX	USAC1		8.76	5.75								
	2-Wire Voice Grade Loop / 2-Wire DID Trunk Port Conversion with BellSouth Allowable Changes			UEPPX	USA1C		8.76	5.75								
	Unbundled Miscellaneous Rate Element, Tag Designed Loop at End User Premise			UEPPX	URETN		11.23	1.10								
	Telephone Number/Trunk Group Establishment Charges															
	DID Trunk Termination (One Per Port)			UEPPX	NDT	0.00	0.00	0.00								
	Additional DID Numbers for each Group of 20 DID Numbers			UEPPX	ND4	0.00	0.00	0.00								
	DID Numbers, Non- consecutive DID Numbers , Per Number			UEPPX	ND5	0.00	0.00	0.00								
	Reserve Non-Consecutive DID numbers			UEPPX	ND6	0.00	0.00	0.00								
	Reserve DID Numbers			UEPPX	NDV	0.00	0.00	0.00								
	2-WIRE ISDN DIGITAL GRADE LOOP WITH 2-WIRE ISDN DIGITAL LINE SIDE PORT															
	UNE Port/Loop Combination Rates															
	2W ISDN Digital Grade Loop/2W ISDN Digital Line Side Port - UNE Zone 1					33.27										
	2W ISDN Digital Grade Loop/2W ISDN Digital Line Side Port - UNE Zone 2					35.78										
	2W ISDN Digital Grade Loop/2W ISDN Digital Line Side Port - UNE Zone 3					45.32										
	UNE Loop Rates															
	2-Wire ISDN Digital Grade Loop - UNE Zone 1		1	UEPPB UEPPR	USL2X	16.20										
	2-Wire ISDN Digital Grade Loop - UNE Zone 2		2	UEPPB UEPPR	USL2X	18.71										
	2-Wire ISDN Digital Grade Loop - UNE Zone 3		3	UEPPB UEPPR	USL2X	28.25										
	UNE Port Rate															
	Exchange Port - 2-Wire ISDN Line Side Port			UEPPR	UEPPR	17.07	141.75	118.37	49.20	43.26			19.99	19.99		
	Exchange Port - 2-Wire ISDN Line Side Port			UEPPB	UEPPB	17.07	141.75	118.37	49.20	43.26			19.99	19.99		
	NONRECURRING CHARGES - CURRENTLY COMBINED															
	2-Wire ISDN Digital Grade Loop / 2-Wire ISDN Line Side Port Combination - Conversion			UEPPB UEPPR	USACB	0.00	117.23	117.23					19.99	19.99		
	ADDITIONAL NRCs															
	2-Wire ISDN Loop / 2-Wire ISDN Port Combination - Sub Actvy - Non Feature/Add Trunk			UEPPB UEPPR	USASB		212.88						19.99	19.99		
	Unbundled Miscellaneous Rate Element, Tag Designed Loop at End User Premise			UEPPB UEPPR	URETN		11.23	1.10								
	Unbundled Miscellaneous Rate Element, Tag Loop at End User Premise			UEPPB UEPPR	URETL		8.33	0.83								
	B-CHANNEL USER PROFILE ACCESS:															
	CVS/CSD (DMS/5ESS)			UEPPB UEPPR	U1UCA	0.00	0.00	0.00								

UNBUNDLED NETWORK ELEMENTS - Tennessee													Attachment: 2 Exh. A						
CATEGORY	RATE ELEMENTS		Interim	Zone	BCS		USOC	RATES(\$)					Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l	
								Rec	Nonrecurring First	Add'l	Nonrecurring Disconnect First	Add'l	OSS Rates(\$)						
		CVS (EWSD)			UEPPB	UEPPR	U1UCB	0.00	0.00	0.00			SOME C	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN	
		CSD			UEPPB	UEPPR	U1UCC	0.00	0.00	0.00									
B-CHANNEL AREA PLUS USER PROFILE ACCESS: (AL,KY,LA,MS SC,MS, & TN)																			
		CVS/CSD (DMS/5ESS)			UEPPB	UEPPR	U1UCD	0.00	0.00	0.00									
		CVS (EWSD)			UEPPB	UEPPR	U1UCE	0.00	0.00	0.00									
		CSD			UEPPB	UEPPR	U1UCF	0.00	0.00	0.00									
USER TERMINAL PROFILE																			
		User Terminal Profile (EWSD only)			UEPPB	UEPPR	U1UMA	0.00	0.00	0.00									
VERTICAL FEATURES																			
		All Vertical Features - One per Channel B User Profile			UEPPB	UEPPR	UEPVF	0.00	0.00	0.00									
INTEROFFICE CHANNEL MILEAGE																			
		Interoffice Channel mileage each, including first mile and facilities termination			UEPPB	UEPPR	M1GNC	17.91	53.99	17.37					19.99	19.99			
		Interoffice Channel mileage each, additional mile			UEPPB	UEPPR	M1GNM	0.173	0.00	0.00									
UNBUNDLED CENTREX PORT/LOOP COMBINATIONS - COST BASED RATES																			
UNE-P CENTREX - 1AESS - (Valid in AL,FL,GA,KY,LA,MS,&TN only)																			
2-Wire VG Loop/2-Wire Voice Grade Port (Centrex) Combo																			
UNE Port/Loop Combination Rates (Non-Design)																			
		2-Wire VG Loop/2-Wire Voice Grade Port (Centrex) Port Combo - Non-Design						15.18											
		2-Wire VG Loop/2-Wire Voice Grade Port (Centrex)Port Combo - Non-Design						19.01											
		2-Wire VG Loop/2-Wire Voice Grade Port (Centrex)Port Combo - Non-Design						24.02											
UNE Port/Loop Combination Rates (Design)																			
		2-Wire VG Loop/2-Wire Voice Grade Port (Centrex) Port Combo - Design						19.26											
		2-Wire VG Loop/2-Wire Voice Grade Port (Centrex)Port Combo - Design						24.33											
		2-Wire VG Loop/2-Wire Voice Grade Port (Centrex)Port Combo - Design						30.98											
UNE Loop Rate																			
		2-Wire Voice Grade Loop (SL 1) - Zone 1		1	UEP91		UECS1	12.48											
		2-Wire Voice Grade Loop (SL 1) - Zone 2		2	UEP91		UECS1	16.31											
		2-Wire Voice Grade Loop (SL 1) - Zone 3		3	UEP91		UECS1	21.32											
		2-Wire Voice Grade Loop (SL 2) - Zone 1		1	UEP91		UECS2	16.56											
		2-Wire Voice Grade Loop (SL 2) - Zone 2		2	UEP91		UECS2	21.63											
		2-Wire Voice Grade Loop (SL 2) - Zone 3		3	UEP91		UECS2	28.28											
UNE Ports																			
All States (Except North Carolina and Sout Carolina)																			
		2-Wire Voice Grade Port (Centrex) Basic Local Area			UEP91		UEPYA	2.70	22.14	15.25	8.45	3.91			30.89	7.03			
		2-Wire Voice Grade Port (Centrex 800 termination)Basic Local Area			UEP91		UEPYB	2.70	22.14	15.25	8.45	3.91			30.89	7.03			
		2-Wire Voice Grade Port (Centrex with Caller ID)Note1 Basic Local Area			UEP91		UEPYH	2.70	22.14	15.25	8.45	3.91			30.89	7.03			
		2-Wire Voice Grade Port (Centrex from diff Serving Wire Center) Note 2, 3 Basic Local Area			UEP91		UEPYM	2.70	22.14	15.25	8.45	3.91			30.89	7.03			
		2-Wire Voice Grade Port, Diff Serving Wire Center - 800 Service Term - Basic Local Area			UEP91		UEPYZ	2.70	22.14	15.25	8.45	3.91			30.89	7.03			
		2-Wire Voice Grade Port terminated in on Megalink or equivalent - Basic Local Area			UEP91		UEPY9	2.70	22.14	15.25	8.45	3.91			30.89	7.03			
		2-Wire Voice Grade Port Terminated on 800 Service Term - Basic Local Area			UEP91		UEPY2	2.70	22.14	15.25	8.45	3.91			30.89	7.03			
AL, KY, LA, MS, & TN Only																			
		2-Wire Voice Grade Port (Centrex)			UEP91		UEPQA	2.70	22.14	15.25	8.45	3.91			30.89	7.03			
		2-Wire Voice Grade Port (Centrex 800 termination)			UEP91		UEPQB	2.70	22.14	15.25	8.45	3.91			30.89	7.03			
		2-Wire Voice Grade Port (Centrex with Caller ID)1			UEP91		UEPQH	2.70	22.14	15.25	8.45	3.91			30.89	7.03			
		2-Wire Voice Grade Port (Centrex from diff Serving Wire Center)2,3			UEP91		UEPOM	2.70	22.14	15.25	8.45	3.91			30.89	7.03			

UNBUNDLED NETWORK ELEMENTS - Tennessee												Attachment: 2 Exh. A							
CATEGORY	RATE ELEMENTS				Interim	Zone	BCS	USOC	RATES(\$)				Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l	
								Rec	Nonrecurring First	Add'l	Nonrecurring First	Nonrecurring Disconnect Add'l	OSS Rates(\$)						
													SOMEc	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN	
		2-Wire Voice Grade Port, Diff Serving Wire Center - 2,3 - 800 Service Term				UEP91	UEPQZ	2.70	22.14	15.25	8.45	3.91				30.89	7.03		
		2-Wire Voice Grade Port terminated in on Megalink or equivalent				UEP91	UEPQ9	2.70	22.14	15.25	8.45	3.91				30.89	7.03		
		2-Wire Voice Grade Port Terminated on 800 Service Term				UEP91	UEPQ2	2.70	22.14	15.25	8.45	3.91				30.89	7.03		
	Local Switching																		
		Centrex Intercom Funtionality, per port				UEP91	URECS	0.6381											
	Features																		
		All Standard Features Offered, per port				UEP91	UEPVF	0.00								30.89	7.03		
		All Select Features Offered, per port				UEP91	UEPVS	0.00	433.78							30.89	7.03		
		All Centrex Control Features Offered, per port				UEP91	UEPVC	0.00								30.89	7.03		
	NARS																		
		Unbundled Network Access Register - Combination				UEP91	UARCX	0.00	0.00	0.00	0.00	0.00				30.89	7.03		
		Unbundled Network Access Register - Indial				UEP91	UAR1X	0.00	0.00	0.00	0.00	0.00				30.89	7.03		
		Unbundled Network Access Register - Outdial				UEP91	UAROx	0.00	0.00	0.00	0.00	0.00				30.89	7.03		
	Miscellaneous Terminations																		
	2-Wire Trunk Side																		
		Trunk Side Terminations, each				UEP91	CENA6	8.78	22.14	15.25	8.45	3.91				30.89	7.03		
	Interoffice Channel Mileage - 2-Wire																		
		Interoffice Channel Facilities Termination - Voice Grade				UEP91	M1GBC	18.58	22.14	15.25	8.45	3.91				30.89	7.03		
		Interoffice Channel mileage, per mile or fraction of mile				UEP91	M1GBM	0.0174											
	Feature Activations (DS0) Centrex Loops on Channelized DS1 Service																		
	D4 Channel Bank Feature Activations																		
		Feature Activation on D-4 Channel Bank Centrex Loop Slot				UEP91	1PQWS	0.66											
		Feature Activation on D-4 Channel Bank FX line Side Loop Slot				UEP91	1PQW6	0.66											
		Feature Activation on D-4 Channel Bank FX Trunk Side Loop Slot				UEP91	1PQW7	0.66											
		Feature Activation on D-4 Channel Bank Centrex Loop Slot - Different Wire Center				UEP91	1PQWP	0.66											
		Feature Activation on D-4 Channel Bank Private Line Loop Slot				UEP91	1PQWV	0.66											
		Feature Activation on D-4 Channel Bank Ttje Line/Trunk Loop Slot				UEP91	1PQWQ	0.66											
		Feature Activation on D-4 Channel Bank WATS Loop Slot				UEP91	1PQWA	0.66											
	Non-Recurring Charges (NRC) Associated with UNE-P Centrex																		
		Conversion - Currently Combined Switch-As-Is with allowed changes, per port				UEP91	USAC2		1.03	0.29						30.89	7.03		
		New Centrex Standard Common Block				UEP91	M1ACS	0.00	658.60							30.89	7.03		
		New Centrex Customized Common Block				UEP91	M1ACC	0.00	658.60							30.89	7.03		
		Secondary Block, per Block				UEP91	M2CC1	0.00	73.55							30.89	7.03		
		NAR Establishment Charge, Per Occasion				UEP91	URECA		68.57							30.89	7.03		
	Additional Non-Recurring Charges (NRC)																		
		Unbundled Miscellaneous Rate Element, Tag Loop at End Use Premise				UEP91	URETL		8.33	0.83									
		Unbundled Miscellaneous Rate Element, Tag Design Loop at End Use Premise				UEP91	URETN		11.23	1.10									
	UNE-P CENTREX - 5ESS (Valid in All States)																		
	2-Wire VG Loop/2-Wire Voice Grade Port (Centrex) Combo																		
	UNE Port/Loop Combination Rates (Non-Design)																		
		2-Wire VG Loop/2-Wire Voice Grade Port (Centrex) Port Combo - Non-Design						15.18											
		2-Wire VG Loop/2-Wire Voice Grade Port (Centrex)Port Combo - Non-Design						19.01											
		2-Wire VG Loop/2-Wire Voice Grade Port (Centrex)Port Combo - Non-Design						24.02											
	UNE Port/Loop Combination Rates (Design)																		
		2-Wire VG Loop/2-Wire Voice Grade Port (Centrex) Port Combo - Design						19.26											

UNBUNDLED NETWORK ELEMENTS - Tennessee													Attachment: 2 Exh. A							
CATEGORY	RATE ELEMENTS					Interim	Zone	BCS	USOC	RATES(\$)					Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l
						Rec	Nonrecurring First	Add'l	Nonrecurring First	Disconnect Add'l	OSS Rates(\$)									
											SOME	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN				
		2-Wire VG Loop/2-Wire Voice Grade Port (Centrex)Port Combo - Design				24.33														
		2-Wire VG Loop/2-Wire Voice Grade Port (Centrex)Port Combo - Design				30.98														
	UNE Loop Rate																			
		2-Wire Voice Grade Loop (SL 1) - Zone 1		1	UEP95	UECS1	12.48													
		2-Wire Voice Grade Loop (SL 1) - Zone 2		2	UEP95	UECS1	16.31													
		2-Wire Voice Grade Loop (SL 1) - Zone 3		3	UEP95	UECS1	21.32													
		2-Wire Voice Grade Loop (SL 2) - Zone 1		1	UEP95	UECS2	16.56													
		2-Wire Voice Grade Loop (SL 2) - Zone 2		2	UEP95	UECS2	21.63													
		2-Wire Voice Grade Loop (SL 2) - Zone 3		3	UEP95	UECS2	28.28													
	UNE Port Rate																			
	All States																			
		2-Wire Voice Grade Port (Centrex) Basic Local Area			UEP95	UEPYA	2.70	22.14	15.25	8.45	3.91				30.89	7.03				
		2-Wire Voice Grade Port (Centrex 800 termination)			UEP95	UEPYB	2.70	22.14	15.25	8.45	3.91				30.89	7.03				
		2-Wire Voice Grade Port (Centrex with Caller ID)1Basic Local Area			UEP95	UEPYH	2.70	22.14	15.25	8.45	3.91				30.89	7.03				
		2-Wire Voice Grade Port (Centrex from diff Serving Wire Center)2,3 Basic Local Area			UEP95	UEPYM	2.70	22.14	15.25	8.45	3.91				30.89	7.03				
		2-Wire Voice Grade Port, Diff Serving Wire Center 2,3 - 800 Service Term - Basic Local Area			UEP95	UEPYZ	2.70	22.14	15.25	8.45	3.91				30.89	7.03				
		2-Wire Voice Grade Port terminated in on Megalink or equivalent - Basic Local Area			UEP95	UEPY9	2.70	22.14	15.25	8.45	3.91				30.89	7.03				
		2-Wire Voice Grade Port Terminated on 800 Service Term - Basic Local Area			UEP95	UEPY2	2.70	22.14	15.25	8.45	3.91				30.89	7.03				
	AL, KY, LA, MS, SC, & TN Only																			
		2-Wire Voice Grade Port (Centrex)			UEP95	UEPQA	2.70	22.14	15.25	8.45	3.91				30.89	7.03				
		2-Wire Voice Grade Port (Centrex 800 termination)			UEP95	UEPQB	2.70	22.14	15.25	8.45	3.91				30.89	7.03				
		2-Wire Voice Grade Port (Centrex with Caller ID)1			UEP95	UEPQH	2.70	22.14	15.25	8.45	3.91				30.89	7.03				
		2-Wire Voice Grade Port (Centrex from diff Serving Wire Center)2,3			UEP95	UEPQM	2.70	22.14	15.25	8.45	3.91				30.89	7.03				
		2-Wire Voice Grade Port, Diff Serving Wire Center - 800 Service Term 2,3			UEP95	UEPQZ	2.70	22.14	15.25	8.45	3.91				30.89	7.03				
		2-Wire Voice Grade Port terminated in on Megalink or equivalent			UEP95	UEPQ9	2.70	22.14	15.25	8.45	3.91				30.89	7.03				
		2-Wire Voice Grade Port Terminated on 800 Service Term			UEP95	UEPQ2	2.70	22.14	15.25	8.45	3.91				30.89	7.03				
	FL & GA Only																			
	Local Switching																			
		Centrex Intercom Funtionality, per port			UEP95	URECS	0.6381													
	Features																			
		All Standard Features Offered, per port			UEP95	UEPVF	0.00													
		All Select Features Offered, per port			UEP95	UEPVS	0.00	433.78												
		All Centrex Control Features Offered, per port			UEP95	UEPVC	0.00													
	NARS																			
		Unbundled Network Access Register - Combination			UEP95	UARCX	0.00	0.00	0.00	0.00	0.00									
		Unbundled Network Access Register - Indial			UEP95	UAR1X	0.00	0.00	0.00	0.00	0.00									
		Unbundled Network Access Register - Outdial			UEP95	UAROY	0.00	0.00	0.00	0.00	0.00									
	Miscellaneous Terminations																			
	2-Wire Trunk Side																			
		Trunk Side Terminations, each			UEP95	CEND6	8.78	47.75	47.01	9.21	8.47				30.89	7.03				
	4-Wire Digital (1.544 Megabits)																			
		DS1 Circuit Terminations, each			UEP95	M1HD1	35.55	75.93	38.15						30.89	7.03				
		DS0 Channels Activated, each			UEP95	M1HDO	0.00	108.67							30.89	7.03				
	Interoffice Channel Mileage - 2-Wire																			
		Interoffice Channel Facilities Termination			UEP95	M1GBC	18.58	22.14	15.25	8.45	3.91				30.89	7.03				
		Interoffice Channel mileage, per mile or fraction of mile			UEP95	M1GBM	0.0174													
	Feature Activations (DS0) Centrex Loops on Channelized DS1 Service																			
	D4 Channel Bank Feature Activations																			
		Feature Activation on D-4 Channel Bank Centrex Loop Slot			UEP95	1POWS	0.66													

UNBUNDLED NETWORK ELEMENTS - Tennessee													Attachment: 2 Exh. A				
CATEGORY	RATE ELEMENTS		Interim	Zone	BCS	USOC	RATES(\$)					Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l
							Rec	Nonrecurring First	Add'l	Nonrecurring First	Disconnect Add'l	OSS Rates(\$)					
												SOMEK	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN
		Feature Activation on D-4 Channel Bank FX line Side Loop Slot			UEP95	1PQW6	0.66										
		Feature Activation on D-4 Channel Bank FX Trunk Side Loop Slot			UEP95	1PQW7	0.66										
		Feature Activation on D-4 Channel Bank Centrex Loop Slot - Different Wire Center			UEP95	1PQWP	0.66										
		Feature Activation on D-4 Channel Bank Private Line Loop Slot			UEP95	1PQWV	0.66										
		Feature Activation on D-4 Channel Bank Tjie Line/Trunk Loop Slot			UEP95	1PQWQ	0.66										
		Feature Activation on D-4 Channel Bank WATS Loop Slot			UEP95	1PQWA	0.66										
		Non-Recurring Charges (NRC) Associated with UNE-P Centrex															
		NRC Conversion Currently Combined Switch-As-Is with allowed changes, per port			UEP95	USAC2		1.03	0.29					30.89	7.03		
		New Centrex Standard Common Block			UEP95	M1ACS	0.00	658.60						30.89	7.03		
		New Centrex Customized Common Block			UEP95	M1ACC	0.00	658.60						30.89	7.03		
		NAR Establishment Charge, Per Occasion			UEP95	URECA	0.00	68.57						30.89	7.03		
		Additional Non-Recurring Charges (NRC)															
		Unbundled Miscellaneous Rate Element, Tag Loop at End Use Premise			UEP95	URETL		8.33	0.83								
		Unbundled Miscellaneous Rate Element, Tag Design Loop at End Use Premise			UEP95	URETN		11.23	1.10								
		UNE-P CENTREX - DMS100 (Valid in All States)															
		2-Wire VG Loop/2-Wire Voice Grade Port (Centrex) Combo															
		UNE Port/Loop Combination Rates (Non-Design)															
		2-Wire VG Loop/2-Wire Voice Grade Port (Centrex) Port Combo - Non-Design					15.18										
		2-Wire VG Loop/2-Wire Voice Grade Port (Centrex)Port Combo - Non-Design					19.01										
		2-Wire VG Loop/2-Wire Voice Grade Port (Centrex)Port Combo - Non-Design					24.02										
		UNE Port/Loop Combination Rates (Design)															
		2-Wire VG Loop/2-Wire Voice Grade Port (Centrex) Port Combo - Design					19.26										
		2-Wire VG Loop/2-Wire Voice Grade Port (Centrex)Port Combo - Design					24.33										
		2-Wire VG Loop/2-Wire Voice Grade Port (Centrex)Port Combo - Design					30.98										
		UNE Loop Rate															
		2-Wire Voice Grade Loop (SL 1) - Zone 1		1	UEP9D	UECS1	12.48										
		2-Wire Voice Grade Loop (SL 1) - Zone 2		2	UEP9D	UECS1	16.31										
		2-Wire Voice Grade Loop (SL 1) - Zone 3		3	UEP9D	UECS1	21.32										
		2-Wire Voice Grade Loop (SL 2) - Zone 1		1	UEP9D	UECS2	16.56										
		2-Wire Voice Grade Loop (SL 2) - Zone 2		2	UEP9D	UECS2	21.63										
		2-Wire Voice Grade Loop (SL 2) - Zone 3		3	UEP9D	UECS2	28.28										
		UNE Port Rate															
		ALL STATES															
		2-Wire Voice Grade Port (Centrex) Basic Local Area			UEP9D	UEPYA	2.70	22.14	15.25	8.45	3.91			30.89	7.03		
		2-Wire Voice Grade Port (Centrex 800 termination)Basic Local Area			UEP9D	UEPYB	2.70	22.14	15.25	8.45	3.91			30.89	7.03		
		2-Wire Voice Grade Port (Centrex / EBS-PSET)3Basic Local Area			UEP9D	UEPYC	2.70	22.14	15.25	8.45	3.91			30.89	7.03		
		2-Wire Voice Grade Port (Centrex / EBS-M5009)3Basic Local Area			UEP9D	UEPYD	2.70	22.14	15.25	8.45	3.91			30.89	7.03		
		2-Wire Voice Grade Port (Centrex / EBS-M5209))3 Basic Local Area			UEP9D	UEPYE	2.70	22.14	15.25	8.45	3.91			30.89	7.03		
		2-Wire Voice Grade Port (Centrex / EBS-M5112))3 Basic Local Area			UEP9D	UEPYF	2.70	22.14	15.25	8.45	3.91			30.89	7.03		
		2-Wire Voice Grade Port (Centrex / EBS-M5312))3Basic Local Area			UEP9D	UEPYG	2.70	22.14	15.25	8.45	3.91			30.89	7.03		

UNBUNDLED NETWORK ELEMENTS - Tennessee														Attachment: 2 Exh. A			
CATEGORY		RATE ELEMENTS	Interim	Zone	BCS	USOC	RATES(\$)					Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l
							Rec	Nonrecurring First	Add'l	Nonrecurring First	Disconnect Add'l	OSS Rates(\$)					
												SOMEc	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN
		2-Wire Voice Grade Port (Centrex / EBS-M5008))3 Basic Local Area			UEP9D	UEPYT	2.70	22.14	15.25	8.45	3.91			30.89	7.03		
		2-Wire Voice Grade Port (Centrex / EBS-M5208))3 Basic Local Area			UEP9D	UEPYU	2.70	22.14	15.25	8.45	3.91			30.89	7.03		
		2-Wire Voice Grade Port (Centrex / EBS-M5216))3 Basic Local Area			UEP9D	UEPYV	2.70	22.14	15.25	8.45	3.91			30.89	7.03		
		2-Wire Voice Grade Port (Centrex / EBS-M5316))3 Basic Local Area			UEP9D	UEPY3	2.70	22.14	15.25	8.45	3.91			30.89	7.03		
		2-Wire Voice Grade Port (Centrex with Caller ID) Basic Local Area			UEP9D	UEPYH	2.70	22.14	15.25	8.45	3.91			30.89	7.03		
		2-Wire Voice Grade Port (Centrex/Caller ID/Msg Wtg Lamp Indication))4 Basic Local Area			UEP9D	UEPYW	2.70	22.14	15.25	8.45	3.91			30.89	7.03		
		2-Wire Voice Grade Port (Centrex/Msg Wtg Lamp Indication))4 Basic Local Area			UEP9D	UEPYJ	2.70	22.14	15.25	8.45	3.91			30.89	7.03		
		2-Wire Voice Grade Port (Centrex from diff Serving Wire Center) 2,3-Basic Local Area			UEP9D	UEPYM	2.70	22.14	15.25	8.45	3.91			30.89	7.03		
		2-Wire Voice Grade Port (Centrex/differ SWC /EBS-PSET)2,3,4 Basic Local Area			UEP9D	UEPYO	2.70	22.14	15.25	8.45	3.91			30.89	7.03		
		2-Wire Voice Grade Port (Centrex/differ SWC /EBS-M5009)2,3,4 Basic Local Area			UEP9D	UEPYP	2.70	22.14	15.25	8.45	3.91			30.89	7.03		
		2-Wire Voice Grade Port (Centrex/differ SWC /EBS-5209)2,3,4 Basic Local Area			UEP9D	UEPYQ	2.70	22.14	15.25	8.45	3.91			30.89	7.03		
		2-Wire Voice Grade Port (Centrex/differ SWC /EBS-M5112)2,3,4 Basic Local Area			UEP9D	UEPYR	2.70	22.14	15.25	8.45	3.91			30.89	7.03		
		2-Wire Voice Grade Port (Centrex/differ SWC /EBS-M5312)2,3,4 Basic Local Area			UEP9D	UEPYS	2.70	22.14	15.25	8.45	3.91			30.89	7.03		
		2-Wire Voice Grade Port (Centrex/differ SWC /EBS-M5008)2,3,4 Basic Local Area			UEP9D	UEPY4	2.70	22.14	15.25	8.45	3.91			30.89	7.03		
		2-Wire Voice Grade Port (Centrex/differ SWC /EBS-M5208)2, 3 Basic Local Area			UEP9D	UEPY5	2.70	22.14	15.25	8.45	3.91			30.89	7.03		
		2-Wire Voice Grade Port (Centrex/differ SWC /EBS-M5216)2,3,4 Basic Local Area			UEP9D	UEPY6	2.70	22.14	15.25	8.45	3.91			30.89	7.03		
		2-Wire Voice Grade Port (Centrex/differ SWC /EBS-M5316)2,3,4 Basic Local Area			UEP9D	UEPY7	2.70	22.14	15.25	8.45	3.91			30.89	7.03		
		2-Wire Voice Grade Port, Diff Serving Wire Center - 800 Service Term 2,3			UEP9D	UEPYZ	2.70	22.14	15.25	8.45	3.91			30.89	7.03		
		2-Wire Voice Grade Port terminated in on Megalink or equivalent Basic Local Area			UEP9D	UEPY9	2.70	22.14	15.25	8.45	3.91			30.89	7.03		
		2-Wire Voice Grade Port Terminated on 800 Service Term Basic Local Area			UEP9D	UEPY2	2.70	22.14	15.25	8.45	3.91			30.89	7.03		
	AL, KY, LA, MS, SC, & TN Only																
		2-Wire Voice Grade Port (Centrex)			UEP9D	UEPQA	2.70	22.14	15.25	8.45	3.91			30.89	7.03		
		2-Wire Voice Grade Port (Centrex 800 termination)			UEP9D	UEPQB	2.70	22.14	15.25	8.45	3.91			30.89	7.03		
		2-Wire Voice Grade Port (Centrex / EBS-PSET)4			UEP9D	UEPQC	2.70	22.14	15.25	8.45	3.91			30.89	7.03		
		2-Wire Voice Grade Port (Centrex / EBS-M5009)4			UEP9D	UEPQD	2.70	22.14	15.25	8.45	3.91			30.89	7.03		
		2-Wire Voice Grade Port (Centrex / EBS-M5209)4			UEP9D	UEPQE	2.70	22.14	15.25	8.45	3.91			30.89	7.03		
		2-Wire Voice Grade Port (Centrex / EBS-M5112)4			UEP9D	UEPQF	2.70	22.14	15.25	8.45	3.91			30.89	7.03		
		2-Wire Voice Grade Port (Centrex / EBS-M5312)4			UEP9D	UEPQG	2.70	22.14	15.25	8.45	3.91			30.89	7.03		
		2-Wire Voice Grade Port (Centrex / EBS-M5008)4			UEP9D	UEPQT	2.70	22.14	15.25	8.45	3.91			30.89	7.03		
		2-Wire Voice Grade Port (Centrex / EBS-M5208)4			UEP9D	UEPQU	2.70	22.14	15.25	8.45	3.91			30.89	7.03		
		2-Wire Voice Grade Port (Centrex / EBS-M5216)4			UEP9D	UEPQV	2.70	22.14	15.25	8.45	3.91			30.89	7.03		
		2-Wire Voice Grade Port (Centrex / EBS-M5316)4			UEP9D	UEPQ3	2.70	22.14	15.25	8.45	3.91			30.89	7.03		
		2-Wire Voice Grade Port (Centrex with Caller ID)			UEP9D	UEPQH	2.70	22.14	15.25	8.45	3.91			30.89	7.03		
		2-Wire Voice Grade Port (Centrex/Caller ID/Msg Wtg Lamp Indication)4			UEP9D	UEPQW	2.70	22.14	15.25	8.45	3.91			30.89	7.03		
		2-Wire Voice Grade Port (Centrex/Msg Wtg Lamp Indication)4			UEP9D	UEPQJ	2.70	22.14	15.25	8.45	3.91			30.89	7.03		
		2-Wire Voice Grade Port (Centrex from diff Serving Wire Center) 2,3			UEP9D	UEPQM	2.70	22.14	15.25	8.45	3.91			30.89	7.03		
		2-Wire Voice Grade Port (Centrex/differ SWC /EBS-PSET)2,3,4			UEP9D	UEPQO	2.70	22.14	15.25	8.45	3.91			30.89	7.03		

UNBUNDLED NETWORK ELEMENTS - Tennessee												Attachment: 2 Exh. A					
CATEGORY	RATE ELEMENTS					Interim	Zone	BCS	USOC	RATES(\$)		Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l
						Rec	Nonrecurring First	Add'l	Nonrecurring First	Disconnect Add'l	OSS Rates(\$)						
							SOMEc	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN				
		2-Wire Voice Grade Port (Centrex/differ SWC /EBS-M5009)2,3,4			UEP9D	UEPQP	2.70	22.14	15.25	8.45	3.91			30.89	7.03		
		2-Wire Voice Grade Port (Centrex/differ SWC /EBS-5209)2,3,4			UEP9D	UEPQQ	2.70	22.14	15.25	8.45	3.91			30.89	7.03		
		2-Wire Voice Grade Port (Centrex/differ SWC /EBS-M5112)2,3,4			UEP9D	UEPQR	2.70	22.14	15.25	8.45	3.91			30.89	7.03		
		2-Wire Voice Grade Port (Centrex/differ SWC /EBS-M5312)2,3,4			UEP9D	UEPQS	2.70	22.14	15.25	8.45	3.91			30.89	7.03		
		2-Wire Voice Grade Port (Centrex/differ SWC /EBS-M5008)2,3,4			UEP9D	UEPQ4	2.70	22.14	15.25	8.45	3.91			30.89	7.03		
		2-Wire Voice Grade Port (Centrex/differ SWC /EBS-M5208)2,3,4			UEP9D	UEPQ5	2.70	22.14	15.25	8.45	3.91			30.89	7.03		
		2-Wire Voice Grade Port (Centrex/differ SWC /EBS-M5216)2,3,4			UEP9D	UEPQ6	2.70	22.14	15.25	8.45	3.91			30.89	7.03		
		2-Wire Voice Grade Port (Centrex/differ SWC /EBS-M5316)2,3,4			UEP9D	UEPQ7	2.70	22.14	15.25	8.45	3.91			30.89	7.03		
		2-Wire Voice Grade Port, Diff Serving Wire Center - 800 Service Term 2,3			UEP9D	UEPQZ	2.70	22.14	15.25	8.45	3.91			30.89	7.03		
		2-Wire Voice Grade Port terminated in on Megalink or equivalent			UEP9D	UEPQ9	2.70	22.14	15.25	8.45	3.91			30.89	7.03		
		2-Wire Voice Grade Port Terminated on 800 Service Term			UEP9D	UEPQ2	2.70	22.14	15.25	8.45	3.91			30.89	7.03		
	Local Switching																
		Centrex Intercom Funtionality, per port			UEP9D	URECS	0.6381										
	Features																
		All Standard Features Offered, per port			UEP9D	UEPVF	0.00										
		All Select Features Offered, per port			UEP9D	UEPVS	0.00	433.78									
		All Centrex Control Features Offered, per port			UEP9D	UEPVC	0.00										
	NARS																
		Unbundled Network Access Register - Combination			UEP9D	UARCX	0.00	0.00	0.00	0.00	0.00						
		Unbundled Network Access Register - Inward			UEP9D	UAR1X	0.00	0.00	0.00	0.00	0.00						
		Unbundled Network Access Register - Outdial			UEP9D	UAROx	0.00	0.00	0.00	0.00	0.00						
	Miscellaneous Terminations																
	2-Wire Trunk Side																
		Trunk Side Terminations, each			UEP9D	CEND6	8.78	22.14	15.25	8.45	3.91			30.89	7.03		
	4-Wire Digital (1.544 Megabits)																
		DS1 Circuit Terminations, each			UEP9D	M1HD1	35.55	75.93	38.15					30.89	7.03		
		DS0 Channels Activiated per Channel			UEP9D	M1HDO	0.00	108.67						30.89	7.03		
	Interoffice Channel Mileage - 2-Wire																
		Interoffice Channel Facilities Termination			UEP9D	M1GBC	18.58	22.14	15.25	8.45	3.91			30.89	7.03		
		Interoffice Channel mileage, per mile or fraction of mile			UEP9D	M1GBM	0.0174										
	Feature Activations (DS0) Centrex Loops on Channelized DS1 Service																
	D4 Channel Bank Feature Activations																
		Feature Activation on D-4 Channel Bank Centrex Loop Slot			UEP9D	1PQWS	0.66										
		Feature Activation on D-4 Channel Bank FX line Side Loop Slot			UEP9D	1PQW6	0.66										
		Feature Activation on D-4 Channel Bank FX Trunk Side Loop Slot			UEP9D	1PQW7	0.66										
		Feature Activation on D-4 Channel Bank Centrex Loop Slot - Different Wire Center			UEP9D	1PQWP	0.66										
		Feature Activation on D-4 Channel Bank Private Line Loop Slot			UEP9D	1PQWV	0.66										
		Feature Activation on D-4 Channel Bank Tjie Line/Trunk Loop Slot			UEP9D	1PQWQ	0.66										
		Feature Activation on D-4 Channel Bank WATS Loop Slot			UEP9D	1PQWA	0.66										
	Non-Recurring Charges (NRC) Associated with UNE-P Centrex																
		NRC Conversion Currently Combined Switch-As-Is with allowed changes, per port			UEP9D	USAC2		1.03	0.29					30.89	7.03		
		New Centrex Standard Common Block			UEP9D	M1ACS	0.00	658.60						30.89	7.03		
		New Centrex Customized Common Block			UEP9D	M1ACC	0.00	658.60						30.89	7.03		
		NAR Establishment Charge, Per Occasion			UEP9D	URECA		68.57						30.89	7.03		

UNBUNDLED NETWORK ELEMENTS - Tennessee												Attachment: 2 Exh. A				
CATEGORY	RATE ELEMENTS		Interim	Zone	BCS	USOC	RATES(\$)				Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l
							Rec	Nonrecurring First	Add'l	Nonrecurring First	Disconnect Add'l	OSS Rates(\$)				
												SOMEc	SOMAN	SOMAN	SOMAN	SOMAN
	Additional Non-Recurring Charges (NRC)															
		Unbundled Miscellaneous Rate Element, Tag Loop at End Use Premise			UEP9D	URETL		8.33	0.83							
		Unbundled Miscellaneous Rate Element, Tag Design Loop at End Use Premise			UEP9D	URETN		11.23	1.10							
	UNE-P CENTREX - EWSD (Valid in AL, FL, KY, LA, MS & TN)															
	2-Wire VG Loop/2-Wire Voice Grade Port (Centrex) Combo															
	UNE Port/Loop Combination Rates (Non-Design)															
		2-Wire VG Loop/2-Wire Voice Grade Port (Centrex) Port Combo - Non-Design					15.18									
		2-Wire VG Loop/2-Wire Voice Grade Port (Centrex)Port Combo - Non-Design					19.01									
		2-Wire VG Loop/2-Wire Voice Grade Port (Centrex)Port Combo - Non-Design					24.02									
	UNE Port/Loop Combination Rates (Design)															
		2-Wire VG Loop/2-Wire Voice Grade Port (Centrex) Port Combo - Design					19.26									
		2-Wire VG Loop/2-Wire Voice Grade Port (Centrex)Port Combo - Design					24.33									
		2-Wire VG Loop/2-Wire Voice Grade Port (Centrex)Port Combo - Design					30.98									
	UNE Loop Rate															
		2-Wire Voice Grade Loop (SL 1) - Zone 1		1	UEP9E	UECS1	12.48									
		2-Wire Voice Grade Loop (SL 1) - Zone 2		2	UEP9E	UECS1	16.31									
		2-Wire Voice Grade Loop (SL 1) - Zone 3		3	UEP9E	UECS1	21.32									
		2-Wire Voice Grade Loop (SL 2) - Zone 1		1	UEP9E	UECS2	16.56									
		2-Wire Voice Grade Loop (SL 2) - Zone 2		2	UEP9E	UECS2	21.63									
		2-Wire Voice Grade Loop (SL 2) - Zone 3		3	UEP9E	UECS2	28.28									
	UNE Port Rate															
	AL, FL, KY, LA, MS, & TN only															
		2-Wire Voice Grade Port (Centrex) Basic Local Area			UEP9E	UEPYA	2.70	22.14	15.25	8.45	3.91			30.89	7.03	
		2-Wire Voice Grade Port (Centrex 800 termination)Basic Local Area			UEP9E	UEPYB	2.70	22.14	15.25	8.45	3.91			30.89	7.03	
		2-Wire Voice Grade Port (Centrex with Caller ID)1Basic Local Area			UEP9E	UEPYH	2.70	22.14	15.25	8.45	3.91			30.89	7.03	
		2-Wire Voice Grade Port (Centrex from diff Serving Wire Center)2,3 Basic Local Area			UEP9E	UEPYM	2.70	22.14	15.25	8.45	3.91			30.89	7.03	
		2-Wire Voice Grade Port, Diff Serving Wire Center 2,3 - 800 Service Term - Basic Local Area			UEP9E	UEPYZ	2.70	22.14	15.25	8.45	3.91			30.89	7.03	
		2-Wire Voice Grade Port terminated in on Megalink or equivalent - Basic Local Area			UEP9E	UEPY9	2.70	22.14	15.25	8.45	3.91			30.89	7.03	
		2-Wire Voice Grade Port Terminated on 800 Service Term - Basic Local Area			UEP9E	UEPY2	2.70	22.14	15.25	8.45	3.91			30.89	7.03	
	AL, KY, LA, MS, & TN Only															
		2-Wire Voice Grade Port (Centrex)			UEP9E	UEPQA	2.70	22.14	15.25	8.45	3.91			30.89	7.03	
		2-Wire Voice Grade Port (Centrex 800 termination)			UEP9E	UEPQB	2.70	22.14	15.25	8.45	3.91			30.89	7.03	
		2-Wire Voice Grade Port (Centrex with Caller ID)1			UEP9E	UEPQH	2.70	22.14	15.25	8.45	3.91			30.89	7.03	
		2-Wire Voice Grade Port (Centrex from diff Serving Wire Center)2,3			UEP9E	UEPQM	2.70	22.14	15.25	8.45	3.91			30.89	7.03	
		2-Wire Voice Grade Port, Diff Serving Wire Center 2,3 - 800 Service Term			UEP9E	UEPQZ	2.70	22.14	15.25	8.45	3.91			30.89	7.03	
		2-Wire Voice Grade Port terminated in on Megalink or equivalent			UEP9E	UEPQ9	2.70	22.14	15.25	8.45	3.91			30.89	7.03	
		2-Wire Voice Grade Port Terminated on 800 Service Term			UEP9E	UEPQ2	2.70	22.14	15.25	8.45	3.91			30.89	7.03	
	Local Switching															
		Centrex Intercom Funtionality, per port			UEP9E	URECS	0.6381									
	Features															
		All Standard Features Offered, per port			UEP9E	UEPVF	0.00							30.89	7.03	
		All Select Features Offered, per port			UEP9E	UEPVS	0.00	433.78						30.89	7.03	
		All Centrex Control Features Offered, per port			UEP9E	UEPVC	0.00							30.89	7.03	

UNBUNDLED NETWORK ELEMENTS - Tennessee												Attachment: 2 Exh. A								
CATEGORY	RATE ELEMENTS					Interim	Zone	BCS	USOC	RATES(\$)					Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l

UNBUNDLED NETWORK ELEMENTS - Tennessee													Attachment: 2 Exh. A				
CATEGORY	RATE ELEMENTS		Interim	Zone	BCS	USOC	RATES(\$)					Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l
							Rec	Nonrecurring First	Add'l	Nonrecurring First	Disconnect Add'l	OSS Rates(\$)					
												SOME C	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN
		2-Wire Voice Grade Loop (SL 2) - Zone 3		3	UEP93	UECS2	28.28										
		UNE Port Rate															
		AL, KY, LA, MS, & TN only															
		2-Wire Voice Grade Port (Centrex) Basic Local Area			UEP93	UEPYA	2.70	22.14	15.25	8.45	3.91			30.89	7.03		
		2-Wire Voice Grade Port (Centrex 800 termination)Basic Local Area			UEP93	UEPYB	2.70	22.14	15.25	8.45	3.91			30.89	7.03		
		2-Wire Voice Grade Port (Centrex with Caller ID)1Basic Local Area			UEP93	UEPYH	2.70	22.14	15.25	8.45	3.91			30.89	7.03		
		2-Wire Voice Grade Port (Centrex from diff Serving Wire Center)2,3 Basic Local Area			UEP93	UEPYM	2.70	22.14	15.25	8.45	3.91			30.89	7.03		
		2-Wire Voice Grade Port, Diff Serving Wire Center - 2,3 - 800 Service Term - Basic Local Area			UEP93	UEPYZ	2.70	22.14	15.25	8.45	3.91			30.89	7.03		
		2-Wire Voice Grade Port terminated in on Megalink or equivalent - Basic Local Area			UEP93	UEPY9	2.70	22.14	15.25	8.45	3.91			30.89	7.03		
		2-Wire Voice Grade Port Terminated on 800 Service Term - Basic Local Area			UEP93	UEPY2	2.70	22.14	15.25	8.45	3.91			30.89	7.03		
		2-Wire Voice Grade Port (Centrex)			UEP93	UEPQA	2.70	22.14	15.25	8.45	3.91			30.89	7.03		
		2-Wire Voice Grade Port (Centrex 800 termination)			UEP93	UEPQB	2.70	22.14	15.25	8.45	3.91			30.89	7.03		
		2-Wire Voice Grade Port (Centrex with Caller ID)1			UEP93	UEPQH	2.70	22.14	15.25	8.45	3.91			30.89	7.03		
		2-Wire Voice Grade Port (Centrex from diff Serving Wire Center)2,3			UEP93	UEPQM	2.70	22.14	15.25	8.45	3.91			30.89	7.03		
		2-Wire Voice Grade Port, Diff Serving Wire Center - 2,3 -800 Service Term			UEP93	UEPQZ	2.70	22.14	15.25	8.45	3.91			30.89	7.03		
		2-Wire Voice Grade Port terminated in on Megalink or equivalent			UEP93	UEPQ9	2.70	22.14	15.25	8.45	3.91			30.89	7.03		
		2-Wire Voice Grade Port Terminated on 800 Service Term			UEP93	UEPQ2	2.70	22.14	15.25	8.45	3.91			30.89	7.03		
		Local Switching															
		Centrex Intercom Funtionality, per port			UEP93	URECS	0.6381										
		Features															
		All Standard Features Offered, per port			UEP93	UEPVF	0.00										
		All Centrex Control Features Offered, per port			UEP93	UEPVC	0.00										
		NARS															
		Unbundled Network Access Register - Combination			UEP93	UARCX	0.00	0.00	0.00	0.00	0.00						
		Unbundled Network Access Register - Indial			UEP93	UAR1X	0.00	0.00	0.00	0.00	0.00						
		Unbundled Network Access Register - Outdial			UEP93	UARO X	0.00	0.00	0.00	0.00	0.00						
		Miscellaneous Terminations															
		2-Wire Trunk Side															
		Trunk Side Terminations, each			UEP93	CEND6	8.78	22.14	15.25	8.45	3.91			30.89	7.03		
		4-Wire Digital (1.544 Megabits)															
		DS1 Circuit Terminations, each			UEP93	M1HD1	35.55	75.93	38.15					30.89	7.03		
		DS0 Channels Activated, Per Channel			UEP93	M1HDO	0.00	108.67						30.89	7.03		
		Interoffice Channel Mileage - 2-Wire															
		Interoffice Channel Facilities Termination			UEP93	M1GBC	18.58	22.14	15.25	8.45	3.91			30.89	7.03		
		Interoffice Channel mileage, per mile or fraction of mile			UEP93	M1GBM	0.0174										
		Feature Activations (DS0) Centrex Loops on Channelized DS1 Service															
		D4 Channel Bank Feature Activations															
		Feature Activation on D-4 Channel Bank Centrex Loop Slot			UEP93	1PQWS	0.66										
		Feature Activation on D-4 Channel Bank FX Line Side Loop Slot			UEP93	1PQW6	0.66										
		Feature Activation on D-4 Channel Bank FX Trunk Side Loop Slot			UEP93	1PQW7	0.66										
		Feature Activation on D-4 Channel Bank Centrex Loop Slot - Different Wire Center			UEP93	1PQWP	0.66										
		Feature Activation on D-4 Channel Bank Private Line Loop Slot			UEP93	1PQWV	0.66										
		Feature Activation on D-4 Channel Bank Tie Line/Trunk Loop Slot			UEP93	1PQWQ	0.66										
		Feature Activation on D-4 Channel Bank WATS Loop Slot			UEP93	1PQWA	0.66										
		Non-Recurring Charaes (NRC) Associated with UNE-P Centrex															

UNBUNDLED NETWORK ELEMENTS - Tennessee												Attachment: 2 Exh. A					
CATEGORY		RATE ELEMENTS	Interim	Zone	BCS	USOC	RATES(\$)				Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l	
							Rec	Nonrecurring First	Add'l	Nonrecurring Disconnect First							Add'l
												SOMECS	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN
		NRC Conversion Currently Combined Switch-As-Is with allowed changes, per port			UEP93	USAC2		1.03	0.29					30.89	7.03		
		New Centrex Standard Common Block			UEP93	M1ACS	0.00	658.60						30.89	7.03		
		New Centrex Customized Common Block			UEP93	M1ACC	0.00	658.60						30.89	7.03		
		NAR Establishment Charge, Per Occasion			UEP93	URECA		68.57						30.89	7.03		
		Additional Non-Recurring Charges (NRC)															
		Unbundled Miscellaneous Rate Element, Tag Loop at End Use Premise			UEP93	URETL		8.33	0.83								
		Unbundled Miscellaneous Rate Element, Tag Design Loop at End Use Premise			UEP93	URETN		11.23	1.10								
Note 1 - Required Port for Centrex Control in 1AESS, 5ESS & EWSD																	
Note 2 - Requires Interoffice Channel Mileage																	
Note 3 - Installation is combination of Installation charge for SL2 Loop and Port																	
Note 4 - Requires Specific Customer Premises Equipment																	
Note: Rates displaying an "I" in Interim column are interim as a result of a Commission order.																	

UNBUNDLED NETWORK ELEMENTS - Tennessee														Attachment: 2 Exh. B			
CATEGORY	RATE ELEMENTS			Interim	Zone	BCS	USOC	RATES (\$)				Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l
								Rec	Nonrecurring First	Add'l	Nonrecurring First	Nonrecurring Disconnect Add'l	SOME C	SOMAN	OSS Rates (\$)		
															SOMAN	SOMAN	SOMAN
UNBUNDLED EXCHANGE ACCESS LOOP																	
	2-WIRE HIGH BIT RATE DIGITAL SUBSCRIBER LINE (HDSL) COMPATIBLE LOOP																
		2 Wire Unbundled HDSL Loop including manual service inquiry & facility reservation - Zone 1			1	UHL	UHL2X	12.45									
		2 Wire Unbundled HDSL Loop including manual service inquiry & facility reservation - Zone 2			2	UHL	UHL2X	16.27									
		2 Wire Unbundled HDSL Loop including manual service inquiry & facility reservation - Zone 3			3	UHL	UHL2X	21.28									
		2 Wire Unbundled HDSL Loop without manual service inquiry and facility reservation - Zone 1	I		1	UHL	UHL2W	12.45									
		2 Wire Unbundled HDSL Loop without manual service inquiry and facility reservation - Zone 2	I		2	UHL	UHL2W	16.27									
		2 Wire Unbundled HDSL Loop without manual service inquiry and facility reservation - Zone 3	I		3	UHL	UHL2W	21.28									
	4-WIRE HIGH BIT RATE DIGITAL SUBSCRIBER LINE (HDSL) COMPATIBLE LOOP																
		4 Wire Unbundled HDSL Loop including manual service inquiry and facility reservation - Zone 1			1	UHL	UHL4X	16.02									
		4-Wire Unbundled HDSL Loop including manual service inquiry and facility reservation - Zone 2			2	UHL	UHL4X	20.93									
		4-Wire Unbundled HDSL Loop including manual service inquiry and facility reservation - Zone 3			3	UHL	UHL4X	27.37									
		4-Wire Unbundled HDSL Loop without manual service inquiry and facility reservation - Zone 1	I		1	UHL	UHL4W	16.02									
		4-Wire Unbundled HDSL Loop without manual service inquiry and facility reservation - Zone 2	I		2	UHL	UHL4W	20.93									
		4-Wire Unbundled HDSL Loop without manual service inquiry and facility reservation - Zone 3	I		3	UHL	UHL4W	27.37									
	4-WIRE DS1 DIGITAL LOOP																
		4-Wire DS1 Digital Loop - Zone 1			1	USL	USLXX	66.39									
		4-Wire DS1 Digital Loop - Zone 2			2	USL	USLXX	86.71									
		4-Wire DS1 Digital Loop - Zone 3			3	USL	USLXX	113.38									
HIGH CAPACITY UNBUNDLED LOCAL LOOP																	
		High Capacity Unbundled Local Loop - DS3 - Per Mile per month				UE3	1L5ND	10.57									
		High Capacity Unbundled Local Loop - DS3 - Facility Termination per month				UE3	UE3PX	430.38									
		High Capacity Unbundled Local Loop - STS-1 - Per Mile per month				UDLSX	1L5ND	10.57									
		High Capacity Unbundled Local Loop - STS-1 - Facility Termination per month				UDLSX	UDLS1	447.75									
UNBUNDLED DEDICATED TRANSPORT																	
	INTEROFFICE CHANNEL - DEDICATED TRANSPORT																
		Interoffice Channel - Dedicated Channel - DS1 - Per Mile per month				U1TD1	1L5XX	0.41									
		Interoffice Channel - Dedicated Tranport - DS1 - Facility Termination				U1TD1	U1TF1	89.54									
		Interoffice Channel - Dedicated Transport - DS3 - Per Mile per month				U1TD3	1L5XX	2.69									
		Interoffice Channel - Dedicated Transport - DS3 - Facility Termination per month				U1TD3	U1TF3	976.34									
		Interoffice Channel - Dedicated Transport - STS-1 - Per Mile per month				U1TS1	1L5XX	2.69									
		Interoffice Channel - Dedicated Transport - STS-1 - Facility Termination				U1TS1	U1TFS	976.70									
		Local Channel - Dedicated - 2-Wire Voice Grade - Zone 1			1	ULD VX, UNCVX	ULD V2	19.76									
		Local Channel - Dedicated - 2-Wire Voice Grade - Zone 2			2	ULD VX, UNCVX	ULD V2	25.81									
		Local Channel - Dedicated - 2-Wire Voice Grade - Zone 3			3	ULD VX, UNCVX	ULD V2	33.74									
		Local Channel - Dedicated - 2-Wire Voice Grade Rev. Bat. - Zone 1			1	ULD VX	ULDR2	19.76									

UNBUNDLED NETWORK ELEMENTS - Tennessee													Attachment: 2 Exh. B			
CATEGORY	RATE ELEMENTS		Interim	Zone	BCS	USOC	RATES (\$)				Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l
							Rec	Nonrecurring First	Add'l	Nonrecurring First	Nonrecurring Disconnect Add'l	OSS Rates (\$)				
												SOME C	SOMAN	SOMAN	SOMAN	SOMAN
		Local Channel - Dedicated - 2-Wire Voice Grade Rev. Bat. - Zone 2		2	ULDVX	ULDR2	25.81									
		Local Channel - Dedicated - 2-Wire Voice Grade Rev. Bat. - Zone 3		3	ULDVX	ULDR2	33.74									
		Local Channel - Dedicated - 4-Wire Voice Grade - Zone 1		1	ULDVX, UNCVX	ULDV4	20.91									
		Local Channel - Dedicated - 4-Wire Voice Grade - Zone 2		2	ULDVX, UNCVX	ULDV4	27.30									
		Local Channel - Dedicated - 4-Wire Voice Grade - Zone 3		3	ULDVX, UNCVX	ULDV4	35.71									
		Local Channel - Dedicated - DS1 - Zone 1		1	ULDD1, UNC1X	ULDF1	41.68									
		Local Channel - Dedicated - DS1 - Zone 2		2	ULDD1, UNC1X	ULDF1	54.43									
		Local Channel - Dedicated - DS1 - Zone 3		3	ULDD1, UNC1X	ULDF1	71.17									
		Local Channel - Dedicated - DS3 - Per Mile per month			ULDD3, UNC3X	1L5NC	8.22									
		Local Channel - Dedicated - DS3 - Facility Termination			ULDD3, UNC3X	ULDF3	703.00									
		Local Channel - Dedicated - STS-1- Per Mile per month			ULDS1, UNCSX	1L5NC	8.22									
		Local Channel - Dedicated - STS-1 - Facility Termination			ULDS1, UNCSX	ULDFS	689.53									
ENHANCED EXTENDED LINK (EELS) AND THEIR COMPONETS																
NOTE: The monthly recurring and non-recurring charges below will apply and the Switch-As-Is Charge will not apply for UNE combinations provisioned as ' Ordinarily Combined' Network Elements.																
NOTE: The monthly recurring and the Switch-As-Is Charge and not the non-recurring charges below will apply for UNE combinations provisioned as ' Currently Combined' Network Elements.																
2-WIRE VOICE GRADE LOOP FOR USE IN A COMBINATION																
		2-Wire VG Loop (SL2) in Combination - Zone 1		1	UNCVX	UEAL2	19.04									
		2-Wire VG Loop (SL2) in Combination - Zone 2		2	UNCVX	UEAL2	24.87									
		2-Wire VG Loop (SL2) in Combination - Zone 3		3	UNCVX	UEAL2	32.52									
		Voice Grade COCI - Per Month			UNCVX	1D1VG	1.05									
4-WIRE VOICE GRADE LOOP FOR USE IN A COMBINATION																
		4-Wire Analog Voice Grade Loop in Combination - Zone 1		1	UNCVX	UEAL4	28.40									
		4-Wire Analog Voice Grade Loop in Combination - Zone 2		2	UNCVX	UEAL4	37.10									
		4-Wire Analog Voice Grade Loop in Combination - Zone 3		3	UNCVX	UEAL4	48.51									
		Voice Grade COCI in combination - per month			UNCVX	1D1VG	1.05									
4-WIRE 56 KBPS DIGITAL LOOP FOR USE IN A COMBINATION																
		4-Wire 56Kbps Digital Grade Loop in Combination - Zone 1		1	UNCDX	UDL56	35.76									
		4-Wire 56Kbps Digital Grade Loop in Combination - Zone 2		2	UNCDX	UDL56	46.70									
		4-Wire 56Kbps Digital Grade Loop in Combination - Zone 3		3	UNCDX	UDL56	61.08									
		OCU-DP COCI (data) per month (2.4-64kbs)			UNCDX	1D1DD	1.05									
4-WIRE 64 KBPS DIGITAL LOOP FOR USE IN A COMBINATION																
		4-Wire 64Kbps Digital Grade Loop in Combination - Zone 1		1	UNCDX	UDL64	35.76									
		4-Wire 64Kbps Digital Grade Loop in Combination - Zone 2		2	UNCDX	UDL64	46.70									
		4-Wire 64Kbps Digital Grade Loop in Combination - Zone 3		3	UNCDX	UDL64	61.08									
		OCU-DP COCI (data) - in combination - per month (2.4-64kbs)			UNCDX	1D1DD	1.05									
2-WIRE ISDN LOOP FOR USE IN COMBINATION																
		2-Wire ISDN Loop in Combination - Zone 1		1	UNCNX	U1L2X	25.55									
		2-Wire ISDN Loop in Combination - Zone 2		2	UNCNX	U1L2X	33.37									
		2-Wire ISDN Loop in Combination - Zone 3		3	UNCNX	U1L2X	43.64									
		2-wire ISDN COCI (BRITE) - in combination - per month			UNCNX	UC1CA	3.73									
4-WIRE DS1 DIGITAL LOOP FOR USE IN A COMBINATION																
		4-Wire DS1 Digital Loop in Combination - Zone 1		1	UNC1X	USLXX	66.39									
		4-Wire DS1 Digital Loop in Combination - Zone 2		2	UNC1X	USLXX	86.71									
		4-Wire DS1 Digital Loop in Combination - Zone 3		3	UNC1X	USLXX	113.38									
		DS1 COCI in combination per month			UNC1X	UC1D1	20.22									
2 WIRE VOICE GRADE INTEROFFICE TRANSPORT FOR USE IN A COMBINATION																
		Interoffice Transport - 2-wire VG - Dedicated- Per Mile Per Month			UNCVX	1L5XX	0.02									
		Interoffice Transport - 2-wire VG - Dedicated - Facility Termination per month			UNCVX	U1TV2	25.06									
4 WIRE VOICE GRADE INTEROFFICE TRANSPORT FOR USE IN A COMBINATION																
		Interoffice Transport - 4-wire VG - Dedicated - Per Mile Per Month			UNCVX	1L5XX	0.02									
		Interoffice Transport - 4-wire VG - Dedicated - Facility Termination per month			UNCVX	U1TV4	31.40									
DS1 INTEROFFICE TRANSPORT FOR COMBINATION																
		Interoffice Transport - Dedicated - DS1 combination - Per Mile per month			UNC1X	1L5XX	0.41									

UNBUNDLED NETWORK ELEMENTS - Tennessee											Attachment: 2 Exh. B					
CATEGORY	RATE ELEMENTS	Interim	Zone	BCS	USOC	RATES (\$)				Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l	
						Rec	Nonrecurring First	Add'l	Nonrecurring First	Disconnect Add'l	OSS Rates (\$)					
											SOME	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN
	Interoffice Transport - Dedicated - DS1 combination - Facility Termination per month			UNC1X	U1TF1	89.54										
	1/0 Channelization System in combination Per Month			UNC1X	MQ1	92.89										
	DS3 INTEROFFICE TRANSPORT FOR USE IN A COMBINATION															
	Interoffice Transport - Dedicated - DS3 combination - Per Mile Per Month			UNC3X	1L5XX	2.69										
	Interoffice Transport - Dedicated - DS3 - Facility Termination per month			UNC3X	U1TF3	983.22										
	STS-1 INTEROFFICE TRANSPORT FOR USE IN COMBINATION															
	Interoffice Transport - Dedicated - STS-1 combination - Per Mile Per Month			UNCSX	1L5XX	2.69										
	3/1 Channel System in combination per month			UNCSX	MQ3	256.43										
	4-WIRE 56 KBPS DIGITAL LOOP WITH 56 KBPS INTEROFFICE TRANSPORT															
	4-wire 56 kbps Local Loop in combination - Zone 1		1	UNCDX	UDL56	35.76										
	4-wire 56 kbps Local Loop in combination - Zone 2		2	UNCDX	UDL56	46.70										
	4-wire 56 kbps Local Loop in combination - Zone 3		3	UNCDX	UDL56	61.08										
	Interoffice Transport - Dedicated - 4-wire 56 kbps combination - Per Mile per month			UNCDX	1L5XX	0.02										
	Interoffice Transport - Dedicated - 4-wire 56 kbps combination - Facility Termination per month			UNCDX	U1TD5	24.37										
	4-WIRE 64 KBPS DIGITAL EXTENDED LOOP WITH 64 KBPS INTEROFFICE TRANSPORT															
	4-wire 64 kbps Local Loop in Combination - Zone 1		1	UNCDX	UDL64	35.76										
	4-wire 64 kbps Local Loop in Combination - Zone 2		2	UNCDX	UDL64	46.70										
	4-wire 64 kbps Local Loop in Combination - Zone 3		3	UNCDX	UDL64	61.08										
	Interoffice Transport - Dedicated - 4-wire 64 kbps combination - Per Mile per month			UNCDX	1L5XX	0.02										
	Interoffice Transport - Dedicated - 4-wire 64 kbps combination - Facility Termination per month			UNCDX	U1TD6	24.37										
	4-WIRE 56 KBPS DIGITAL EXTENDED LOOP WITH DS0 INTEROFFICE TRANSPORT															
	4-wire 56 kbps Local Loop in combination - Zone 1		1	UNCDX	UDL56	35.76										
	4-wire 56 kbps Local Loop in combination - Zone 2		2	UNCDX	UDL56	46.70										
	4-wire 56 kbps Local Loop in combination - Zone 3		3	UNCDX	UDL56	61.08										
	4-wire 56 kbps Interoffice Transport - Dedicated - Per Mile per month			UNCDX	1L5XX	0.02										
	4-wire 56 kbps Interoffice Transport - Dedicated - Facility Termination per month			UNCDX	U1TD5	24.37										
	4-WIRE 64 KBPS DIGITAL EXTENDED LOOP WITH DS0 INTEROFFICE TRANSPORT															
	4-wire 64 kbps Local Loop in combination - Zone 1		1	UNCDX	UDL64	35.76										
	4-wire 64 kbps Local Loop in combination - Zone 2		2	UNCDX	UDL64	46.70										
	4-wire 64 kbps Local Loop in combination - Zone 3		3	UNCDX	UDL64	61.08										
	14-wire 65 kbps Interoffice Transport - Dedicated - Per Mile per month			UNCDX	1L5XX	0.02										
	4-wire 64 kbps Interoffice Transport - Dedicated - Facility Termination per month			UNCDX	U1TD6	24.37										
	DS1 DIGITAL LOOP AND DS1 INTEROFFICE TRANSPORT															
	4-Wire DS1 Digital Loop in Combination - Zone 1		1	UNC1X	USLXX	66.39										
	4-Wire DS1 Digital Loop in Combination - Zone 2		2	UNC1X	USLXX	86.71										
	4-Wire DS1 Digital Loop in Combination - Zone 3		3	UNC1X	USLXX	113.38										
	Interoffice Transport - Dedicated - DS1 combination - Per Mile per month			UNC1X	1L5XX	0.41										
	Interoffice Transport - Dedicated - DS1 combination - Facility Termination per month			UNC1X	U1TF1	89.54										
	DS3 DIGITAL LOOP WITH DEDICATED DS3 INTEROFFICE TRANSPORT															
	DS3 Local Loop in combination - per mile per month			UNC3X	1L5ND	10.57										
	DS3 Local Loop in combination - Facility Termination per month			UNC3X	UE3PX	429.49										
	Interoffice Transport - Dedicated - DS3 - Per Mile per month			UNC3X	1L5XX	2.69										
	Interoffice Transport - Dedicated - DS3 combination - Facility Termination per month			UNC3X	U1TF3	983.22										
	STS-1 DIGITAL LOOP WITH DEDICATED STS-1 INTEROFFICE TRANSPORT															
	STS-1 Local Loop in combination - per mile per month			UNCSX	1L5ND	10.57										

UNBUNDLED NETWORK ELEMENTS - Tennessee											Attachment: 2 Ex. B					
CATEGORY	RATE ELEMENTS		Interim	Zone	BCS	USOC	RATES (\$)				Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l
							Rec	Nonrecurring First	Add'l	Nonrecurring Disconnect First	Add'l	OSS Rates (\$)				
												SOMEc	SOMAN	SOMAN	SOMAN	SOMAN
		STS-1 Local Loop in combination - Facility Termination per month			UNCSX	UDLS1	453.74									
		Interoffice Transport - Dedicated - STS-1 combination - per mile per month			UNCSX	1L5XX	2.69									
		Interoffice Transport - Dedicated - STS-1 combination - Facility Termination per month			UNCSX	U1TFS	976.70									
ADDITIONAL NETWORK ELEMENTS																
When used as a part of a currently combined facility, the non-recurring charges do not apply, but a Switch As Is charge does apply.																
When used as ordinarily combined network elements in All States, the non-recurring charges apply and the Switch As Is Charge does not.																
Nonrecurring Currently Combined Network Elements "Switch As Is" Charge (One applies to each combination)																
Optional Features & Functions:																
		Clear Channel Capability Extended Frame Option - per DS1	i		U1TD1, ULDD1,UNC1X	CCOEF		0.00	0.00	0.00	0.00					
		Clear Channel Capability Super FrameOption - per DS1	i		U1TD1, ULDD1,UNC1X	CCOSF		0.00	0.00	0.00	0.00					
		Clear Channel Capability (SF/ESF) Option - Subsequent Activity - per DS1	i		ULDD1, U1TD1, UNC1X, USL	NRCCC		185.16	23.85	2.03	0.79					
		C-bit Parity Option - Subsequent Activity - per DS3	i		U1TD3, ULDD3, UE3, UNC3X	NRCC3		219.46	7.68	0.7637	0.00					
MULTIPLEXERS																
		DS1 to DS0 Channel System per month			UNC1X	MQ1	92.89									
		OCU-DP COCI (data) - DS1 to DS0 Channel System - per month (2.4-64kbs) used for a Local Loop			UDL	1D1DD	2.09									
		OCU-DP COCI (data) - DS1 to DS0 Channel System - per month (2.4-64kbs) used for connection to a channelized DS1 Local Channel in the same SWC as collocation			U1TUD	1D1DD	2.09									
		2-wire ISDN COCI (BRITE) - DS1 to DS0 Channel Systsem - per month for a Local Loop			UDN	UC1CA	3.56									
		2-wire ISDN COCI (BRITE) - DS1 to DS0 Channel Systsem - per month used for connection to a channelized DS1 Local Channel in the same SWC as collocation			U1TUB	UC1CA	3.56									
		Voice Grade COCI - DS1 to DS0 Channel System - per month used for a Local Loop			UEA	1D1VG	1.05									
		Voice Grade COCI - DS1 to DS0 Channel System - per month used for connection to a channelized DS1 Local Channel in the same SWC as collocation			U1TUC	1D1VG	1.05									
		DS3 to DS1 Channel System per month			UNC3X	MQ3	256.43									
		STS-1 to DS1 Channel System per month			UNCSX	MQ3	256.43									
		DS1 COCI used with Loop per month			USL	UC1D1	20.22									
		DS1 COCI (used for connection to a channelized DS1 Local Channel in the same SWC as collocation) per month			U1TUA	UC1D1	20.22									
		DS1 COCI used with Interoffice Channel per month			U1TD1	UC1D1	20.22									
		DS3 Interface Unit (DS1 COCI) used with Local Channel per month			ULDD1	UC1D1	20.22									

Attachment 3

Network Interconnection

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NETWORK INTERCONNECTION

1. GENERAL

- 1.1 The Parties shall provide interconnection with each other's networks for the transmission and routing of telephone exchange service (Local Traffic), ISP-Bound Traffic, and exchange access (Switched Access Traffic) on the following terms:

2. DEFINITIONS: (FOR THE PURPOSE OF THIS ATTACHMENT)

For purposes of this attachment only, the following terms shall have the definitions set forth below:

- 2.1 **Automatic Location Identification (ALI)** is a feature by which the address associated with the calling party's telephone number (ANI) is forwarded to the PSAP for display. Access to the ALI database is described in Attachment 2 to this Agreement.
- 2.2 **Automatic Number Identification (ANI)** corresponds to the seven-digit telephone number assigned by the serving local exchange carrier.
- 2.3 **BellSouth Trunk Group** is defined as a one-way trunk group carrying BellSouth originated traffic to be terminated by Momentum.
- 2.4 **911 Service** is as described in this Attachment.
- 2.5 **Call Termination** has the meaning set forth for "termination" in 47CFR § 51.701(d).
- 2.6 **Call Transport** has the meaning set forth for "transport" in 47 CFR § 51.701(c).
- 2.7 **Call Transport and Termination** is used collectively to mean the switching and transport functions from the Interconnection Point to the last point of switching.
- 2.8 **Common (Shared) Transport** is defined as the transport of the originating Party's traffic by the terminating Party over the terminating Party's common (shared) facilities between (1) the terminating Party's tandem switch and end office switch, (2) between the terminating Party's tandem switches, and/or (3) between the terminating Party's host and remote end office switches. All switches referred herein must be entered into the Local Exchange Routing Guide (LERG).
- 2.9 **Dedicated Interoffice Facility** is defined as a switch transport facility between a Party's Serving Wire Center and the first point of switching within the LATA on the other Party's network.

- 2.10 **End Office Switching** is defined as the function that establishes a communications path between the trunk side and line side of the End Office switch.
- 2.11 **Fiber Meet** is an interconnection arrangement whereby the Parties physically interconnect their networks via an optical fiber interface at which one Party's facilities, provisioning, and maintenance responsibility begins and the other Party's responsibility ends.
- 2.12 **Final Trunk Group** is defined as the trunk group that does not carry overflow traffic.
- 2.13 **Integrated Services Digital Network User Part (ISUP)** is a message protocol to support call set-up and release for interoffice voice connections over SS7 signaling.
- 2.14 **Interconnection Point (IP)** is the physical telecommunications equipment interface that interconnects the networks of BellSouth and Momentum.
- 2.15 **IntraLATA Toll Traffic** is as defined in Section 7 of this Attachment.
- 2.16 **ISP-Bound Traffic** is as defined in this Attachment.
- 2.17 **Local Channel** is defined as a switched transport facility between a Party's Interconnection Point and the IP's Serving Wire Center.
- 2.18 **Local Traffic** is as defined in of this Attachment.
- 2.19 **Public Safety Answering Point (PSAP)** is the answering location for 911 calls.
- 2.20 **Selective Routing (SR)** is a standard feature that routes an E911 call from the tandem to the designated PSAP based upon the address of the ANI of the calling party.
- 2.21 **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 IP.
- 2.22 **Signaling System 7 (SS7)/Common Channel Signaling 7 (CCS7)** is an out-of-band signaling system used to provide basic routing information, call set-up and other call termination functions. Signaling is removed from the voice channel and put on a separate data network.
- 2.23 **Tandem Switching** is defined as the function that establishes a communications path between two switching offices through a third switching office through the provision of trunk side to trunk side switching.
- 2.24 **Transit Traffic** is traffic originating on Momentum's network that is switched and/or transported by BellSouth and delivered to a third party's network, or

traffic originating on a third party's network that is switched and/or transported by BellSouth and delivered to Momentum's network.

3. NETWORK INTERCONNECTION

- 3.1 This Attachment pertains only to the provision of network interconnection where Momentum owns, leases from a third party or otherwise provides its own switch(es).
- 3.2 Network interconnection may be provided by the Parties at any technically feasible point within BellSouth's network. Requests to BellSouth for interconnection at points other than as set forth in this Attachment may be made through the Bona Fide Request/New Business Request (BFR/NBR) process set out in this Agreement.
- 3.2.1 Each Party is responsible for providing, engineering and maintaining the network on its side of the IP. The IP must be located within BellSouth's serving territory in the LATA in which traffic is originating. The IP determines the point at which the originating Party shall pay the terminating Party for the Call Transport and Termination of Local Traffic, ISP-Bound Traffic and IntraLATA Toll Traffic. In selecting the IP, both Parties will act in good faith and select the point that is most efficient for both Parties.
- 3.2.2 Pursuant to the provisions of this Attachment, the location of the initial IP in a given LATA shall be established by mutual agreement of the Parties. When the Parties mutually agree to utilize two-way interconnection trunk groups for the exchange of Local Traffic, ISP-Bound Traffic and IntraLATA Toll Traffic between each other, the Parties shall mutually agree to the location of IP(s). If the Parties are unable to agree to a mutual initial IP, each Party, as originating Party, shall establish a single IP in the LATA for the delivery of its originated Local Traffic, ISP-Bound Traffic and IntraLATA Toll Traffic to the other Party for Call Transport and Termination by the terminating Party.
- 3.2.3 Additional IP(s) in a LATA may be established by mutual agreement of the Parties. Absent mutual agreement, in order to establish additional interconnections points within a LATA either:
- 1) Momentum at its sole option will establish a physical IP at each access or local tandem in the LATA in which Momentum originates, terminates or exchanges Local Traffic or ISP-bound Traffic, and each end office where Momentum maintains a physical collocation arrangement (but only for those trunk groups associated with that en office), or
 - 2) The parties will establish an additional IP(s) where the traffic at the proposed additional Interconnection Point(s) in a particular LATA has exceeded 8.9 million minutes of Local Traffic, and/or ISP-bound Traffic per month for three consecutive months. Additionally, any end office to be designated as an

Interconnection Point must be more than twenty (20) miles from an existing Interconnection Point. Additionally, BellSouth will not designate an IP in a BellSouth Central Office where physical or virtual collocation space is not available or where BellSouth fiber connectivity is not available, and BellSouth will not designate more than one Interconnection Point per Local Calling area, in a particular LATA, unless such local calling area exceeds sixty (60) miles in one direction, in which case additional Interconnection Points may only be established in that local calling area pursuant to the other criteria set forth in this section. Upon written notification from the Party requesting the establishment of an additional Interconnection Point, the receiving Party has 45 calendar days to analyze, respond to, and negotiate in good faith the establishment of a location of such Interconnection Point. Should the Parties disagree that the traffic volumes justify an additional Interconnection Point, the Parties shall follow the Dispute Resolution process under this Agreement to determine whether and how the additional Interconnection Point should be established.

3.3 Interconnection via Dedicated Facilities

3.3.1 Local Channel Facilities. As part of Call Transport and Termination, the originating Party may obtain Local Channel facilities from the terminating Party. The percentage of Local Channel facilities utilized for Local Traffic and ISP Bound Traffic shall be determined based upon the application of the Percent Local Facility (PLF) Factor as set forth in this Attachment. The charges applied to the percentage of Local Channel facilities used for Local Traffic and ISP Bound Traffic as determined by the PLF are as set forth in Exhibit A to this Attachment. The remaining percentage of Local Channel facilities shall be billed at BellSouth's applicable access tariff rates.

3.3.2 Dedicated Interoffice Facilities. As part of Call Transport and Termination, the originating Party may obtain Dedicated Interoffice Facilities from the terminating Party. The percentage of Dedicated Interoffice Facilities utilized for Local Traffic and ISP Bound Traffic shall be determined based upon the application of the Percent Local Facility (PLF) Factor as set forth in this Attachment. The charges applied to the percentage of the Dedicated Interoffice Facilities used for Local Traffic and ISP Bound Traffic as determined by the PLF are as set forth in Exhibit A to this Attachment. The remaining percentage of the Dedicated Interoffice Facilities shall be billed at BellSouth's applicable access tariff rates.

3.4 Fiber Meet.

3.4.1 Notwithstanding Section 3.2.1, 3.2.2, and 3.2.3 above, if Momentum elects to establish interconnection with BellSouth pursuant to a Fiber Meet Local Channel, Momentum and BellSouth shall jointly engineer, operate and maintain a Synchronous Optical Network (SONET) transmission system by which they shall interconnect their transmission and routing of Local Traffic and ISP-Bound Traffic via a Local Channel at either the DS1 or DS3 level. The Parties shall

work jointly to determine the specific transmission system. However, Momentum's SONET transmission system must be compatible with BellSouth's equipment, and the Data Communications Channel (DCC) must be turned off.

- 3.4.2 Each Party, at its own expense, shall procure, install and maintain the agreed upon SONET transmission system in its network.
- 3.4.3 The Parties shall agree to a Fiber Meet point between the BellSouth Serving Wire Center and the Momentum Serving Wire Center. The Parties shall deliver their fiber optic facilities to the Fiber Meet point with sufficient spare length to reach the fusion splice point for the Fiber Meet Point. BellSouth shall, at its own expense, provide and maintain the fusion splice point for the Fiber Meet. A building type Common Language Location Identification (CLLI) code will be established for each Fiber Meet point. All orders for interconnection facilities from the Fiber Meet point shall indicate the Fiber Meet point as the originating point for the facility.
- 3.4.4 Upon verbal request by Momentum, BellSouth shall allow Momentum access to the fusion splice point for the Fiber Meet point for maintenance purposes on Momentum's side of the Fiber Meet point.
- 3.4.5 Neither Party shall charge the other for its Local Channel portion of the Fiber Meet facility used exclusively for Local Traffic and ISP-Bound Traffic. The percentage of Local Channel facilities utilized for Local Traffic and ISP Bound Traffic shall be determined based upon the application of the Percent Local Facility (PLF) Factor as set forth in the Attachment. Charges for switched and special access services shall be billed in accordance with the applicable access service tariff.

4. INTERCONNECTION TRUNK GROUP ARCHITECTURES

- 4.1 BellSouth and Momentum shall establish interconnecting trunk groups and trunk group configurations between networks, including the use of one-way or two-way trunks in accordance with the following provisions set forth in this Agreement. For trunking purposes, traffic will be routed based on the digits dialed by the originating End User and in accordance with the LERG.
- 4.2 Momentum shall establish an interconnection trunk group(s) to at least one BellSouth access tandem within the LATA for the delivery of Momentum's originated Local Traffic, ISP-Bound Traffic and IntraLATA Toll Traffic and for the receipt and delivery of Transit Traffic. To the extent Momentum desires to deliver Local Traffic, ISP-Bound Traffic, IntraLATA Toll Traffic and/or Transit Traffic to BellSouth access tandems within the LATA, other than the tandems(s) to which Momentum has established interconnection trunk groups, Momentum shall order Multiple Tandem Access, as described in this Attachment.

- 4.2.1 Notwithstanding the forgoing, Momentum shall establish an interconnection trunk group(s) to all BellSouth access and local tandems in the LATA where Momentum has homed (i.e. assigned) its NPA/NXXs. Momentum shall home its NPA/NXXs on the BellSouth tandems that serve the exchange rate center areas to which the NPA/NXXs are assigned. The specified exchange rate center assigned to each BellSouth tandem is defined in the LERG. Momentum shall enter its NPA/NXX access and/or local tandem homing arrangements into the LERG.
- 4.3 Switched access traffic will be delivered to and from Interexchange Carriers (IXCs) based on Momentum's NXX access tandem homing arrangement as specified by Momentum in the LERG.
- 4.4 Momentum interconnection requests that deviates from the interconnection trunk group architectures as described in this Agreement, or Momentum requires special BellSouth switch translations and other network modifications will require Momentum to submit a BFR/NBR via the BFR/NBR Process as set forth in Attachment 11 of this Agreement.
- 4.5 Recurring and nonrecurring rates associated with interconnecting trunk groups between BellSouth and Momentum are set forth in Exhibit A. To the extent a rate associated with the interconnecting trunk group is not set forth in Exhibit A, the rate shall be as set forth in the appropriate BellSouth intrastate Access Services Tariff or BellSouth's FCC No. 1 Tariff.
- 4.6 For two-way trunk groups that carry only both Parties' Local Traffic, the Parties shall be compensated at fifty percent (50%) of the nonrecurring and recurring rates for dedicated trunks and DS1 facilities. Momentum shall be responsible for ordering and paying for any two-way trunks carrying Transit Traffic.
- 4.7 All trunk groups will be provisioned as Signaling System 7 (SS7) capable where technically feasible. If SS7 is not technically feasible, multi-frequency (MF) protocol signaling shall be used.
- 4.8 In cases where Momentum is also an IXC, the IXC's Feature Group D (FG D) trunk group(s) must remain separate from the local interconnection trunk group(s).
- 4.9 Each Party shall order interconnection trunks and trunk group including trunk and trunk group augmentations via the ASR process. A Firm Order Confirmation (FOC) shall be returned to the ordering Party, after receipt of a valid, error free ASR, within the timeframes set forth in each state's applicable Performance Measures. Notwithstanding the foregoing, blocking situations and projects shall be managed through BellSouth's Carrier Interconnection Switching Center (CISC) Project Management Group and Momentum's equivalent trunking group, and FOCs for such orders shall be returned in the timeframes applicable to the project. A project is defined as (1) a new trunk group or (2) a request for more

than 192 trunks on a single or multiple group(s) in a given BellSouth local calling area.

- 4.10 Interconnection Trunk Groups for Exchange of Local Traffic and Transit Traffic. Upon mutual agreement of the Parties in a joint planning meeting, the Parties shall exchange Local Traffic on two-way interconnection trunk group(s) with the quantity of trunks being mutually determined and the provisioning being jointly coordinated. Furthermore, the Parties shall agree upon the IP(s) for two-way interconnection trunk groups transporting both Parties' Local Traffic, ISP-Bound Traffic and IntraLATA Toll Traffic. Momentum shall order such two-way trunks via the Access Service Request (ASR) process. BellSouth will use the Trunk Group Service Request (TGSR) to request changes in trunking. Furthermore, the Parties shall jointly review trunk performance and forecasts at mutually agreeable intervals, pursuant to Section 6.2 of this Attachment. The Parties' use of two-way interconnection trunk groups for the transport of Local Traffic, ISP-Bound Traffic and IntraLATA Toll Traffic between the Parties does not preclude either Party from establishing, pursuant to the terms of this Attachment, additional one-way interconnection trunks for the delivery of its originated Local Traffic, ISP-Bound Traffic and IntraLATA Toll Traffic to the other Party.
- 4.10.1 BellSouth Access Tandem Interconnection. BellSouth access tandem interconnection at a single access tandem provides access to those end offices subtending that access tandem (Intratandem Access). Access tandem interconnection is available for any of the following access tandem architectures
- 4.10.1.1 Basic Architecture. In the basic architecture, Momentum's originating Local Traffic, ISP-Bound Traffic and IntraLATA Toll Traffic and originating and terminating Transit Traffic is transported on a single two-way trunk group between Momentum and BellSouth access tandem(s) within a LATA to provide Intratandem Access. This trunk group carries Transit Traffic between Momentum and Independent Companies, Interexchange Carriers, other CLECs, CMRS providers that have a Meet Point Billing arrangement with BellSouth, and other network providers with which Momentum desires to exchange traffic. This trunk group also carries Momentum originated Transit 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 Traffic, ISP-Bound Traffic and IntraLATA Toll Traffic is transported on a separate single one-way trunk group terminating to Momentum. Other trunk groups for operator services, directory assistance, emergency services and intercept must be established pursuant to the applicable BellSouth tariff if service is requested. The LERG contains current routing and tandem serving arrangements. The basic Architecture is illustrated in Exhibit B.
- 4.10.1.2 One-Way Trunk Group Architecture. In one-way trunk group architecture, the Parties interconnect using three separate trunk groups. A one-way trunk group provides Intratandem Access for Momentum-originated Local Traffic, ISP-Bound Traffic and IntraLATA Toll Traffic destined for BellSouth End Users. A second

one-way trunk group carries BellSouth-originated Local Traffic, ISP-Bound Traffic and IntraLATA Toll Traffic destined for Momentum End-Users. A two-way trunk group provides Intratandem Access for Momentum's originating and terminating Transit Traffic. This trunk group carries Transit Traffic between Momentum and Independent Companies, Interexchange Carriers, other CLECs, CMRS providers that have a Meet Point Billing arrangement with BellSouth, and other network providers with which Momentum exchanges traffic. This trunk group also carries Momentum originated Transit 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 Traffic, ISP-Bound Traffic and IntraLATA Toll Traffic is transported on a separate single one-way trunk group terminating to Momentum. Other trunk groups for operator services, directory assistance, emergency services and intercept must be established pursuant to the applicable BellSouth tariff if service is requested. The LERG contains current routing and tandem serving arrangements. The one-way trunk group architecture is illustrated in Exhibit C.

4.10.1.3 Two-Way Trunk Group Architecture. The two-way trunk group Architecture establishes one two-way trunk group to provide Intratandem Access for the exchange of Local Traffic, ISP-Bound Traffic and IntraLATA Toll Traffic between Momentum and BellSouth. In addition, a separate two-way transit trunk group must be established for Momentum's originating and terminating Transit Traffic. This trunk group carries Transit Traffic between Momentum and Independent Companies, Interexchange Carriers, other CLECs, CMRS providers that have a Meet Point Billing arrangement with BellSouth, and other network providers with which Momentum exchanges traffic. This trunk group also carries Momentum originated Transit Traffic transiting a single BellSouth access tandem destined to third party tandems such as an Independent Company tandem or other CLEC tandem. BellSouth originated traffic may, in order to prevent or remedy traffic blocking situations, be transported on a separate single one-way trunk group terminating to Momentum. However, where Momentum is responsive in a timely manner to BellSouth's transport needs for its originated traffic, BellSouth originating traffic will be placed on the two-way Local Traffic trunk group carrying ISP-Bound Traffic and IntraLATA Toll Traffic. Other trunk groups for operator services, directory assistance, emergency services and intercept must be established pursuant to the applicable BellSouth tariff if service is requested. The LERG contains current routing and tandem serving arrangements. The two-way trunk group architecture is illustrated in Exhibit D.

4.10.1.4 Supergroup Architecture. In the supergroup architecture, the Parties' Local Traffic, ISP-Bound Traffic and IntraLATA Toll Traffic and Momentum's Transit Traffic are exchanged on a single two-way trunk group between Momentum and BellSouth to provide Intratandem Access to Momentum. This trunk group carries Transit Traffic between Momentum and Independent Companies, Interexchange Carriers, other CLECs, CMRS providers that have a Meet Point Billing arrangement with BellSouth, and other network providers with which Momentum

desires to exchange traffic. This trunk group also carries Momentum originated Transit Traffic transiting a single BellSouth access tandem destined to third party tandems such as an Independent Company tandem or other CLEC tandem. BellSouth originated traffic may, in order to prevent or remedy traffic blocking situations, be transported on a separate single one-way trunk group terminating to Momentum. However, where Momentum is responsive in a timely manner to BellSouth's transport needs for its originated traffic, BellSouth originating traffic will be placed on the Supergroup. Other trunk groups for operator services, directory assistance, emergency services and intercept must be established pursuant to the applicable BellSouth tariff if service is requested. The LERG contains current routing and tandem serving arrangements. The supergroup architecture is illustrated in Exhibit E.

- 4.10.1.5 Multiple Tandem Access Interconnection. Where Momentum does not choose access tandem interconnection at every BellSouth access tandem within a LATA, Momentum must utilize BellSouth's multiple tandem access interconnection (MTA). To utilize MTA Momentum must establish an interconnection trunk group(s) at a minimum of one BellSouth access tandem within each LATA as required. BellSouth will route Momentum's originated Local Traffic, ISP-Bound Traffic and IntraLATA Toll Traffic for LATA wide transport and termination. Momentum must also establish an interconnection trunk group(s) at all BellSouth access tandems where Momentum NXXs are homed as described in Section 0 above. If Momentum does not have NXXs homed at any particular BellSouth access tandem within a LATA and elects not to establish an interconnection trunk group(s) at such BellSouth access tandem, Momentum can order MTA in each BellSouth access tandem within the LATA where it does have an interconnection trunk group(s) and BellSouth will terminate Momentum's Local Traffic, ISP-Bound Traffic and IntraLATA Toll Traffic to End-Users served through those BellSouth access tandems where Momentum does not have an interconnection trunk group(s). MTA shall be provisioned in accordance with BellSouth's Ordering Guidelines.
- 4.10.1.5.1 Momentum may also utilize MTA to route its originated Transit Traffic; provided, however, that MTA may not be utilized to route switched access traffic that transits the BellSouth network to an IXC. Switched access traffic originated by or terminated to Momentum will be delivered to and from IXCs based on Momentum's NXX access tandem homing arrangement as specified by Momentum in the LERG.
- 4.10.1.5.2 Momentum shall compensate BellSouth for MTA used to switch and transport Momentum's originating traffic at the applicable tandem switching and transport charges specified in Exhibit A to this Attachment. These charges shall be billed in addition to any Call Transport and Termination charges. BellSouth shall not charge for MTA used to switch and transport BellSouth's originating traffic.

- 4.10.1.5.3 To the extent Momentum does not purchase MTA in a LATA served by multiple access tandems, Momentum must establish an interconnection trunk group(s) to every access tandem in the LATA to serve the entire LATA. To the extent Momentum routes its traffic in such a way that utilizes BellSouth's MTA service without properly ordering MTA, Momentum shall pay BellSouth the associated MTA charges, but only with respect to Momentum originated traffic.
- 4.10.2 Local Tandem Interconnection. Local Tandem Interconnection arrangement allows Momentum to establish an interconnection trunk group(s) at BellSouth local tandems for: (1) the delivery of Momentum-originated Local Traffic and ISP-Bound Traffic transported and terminated by BellSouth to BellSouth end offices served by those BellSouth local tandems, and (2) for local Transit Traffic transported by BellSouth for third party network providers who have also established an interconnection trunk group(s) at those BellSouth local tandems.
- 4.10.2.1 When a specified local calling area is served by more than one BellSouth local tandem, Momentum must designate a "home" local tandem for each of its assigned NPA/NXXs and establish trunk connections to such local tandems. Additionally, Momentum may choose to establish an interconnection trunk group(s) at the BellSouth local tandems where it has no codes homing but is not required to do so. Momentum may deliver Local Traffic and ISP-Bound 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 Momentum does not choose to establish an interconnection trunk group(s). It is Momentum's responsibility to enter its own NPA/NXX local tandem homing arrangements into the LERG either directly or via a vendor in order for other third party network providers to determine appropriate traffic routing to Momentum's codes. Likewise, Momentum shall obtain its routing information from the LERG.
- 4.10.2.2 Notwithstanding establishing an interconnection trunk group(s) to BellSouth's local tandems, Momentum must also establish an interconnection trunk group(s) to BellSouth access tandems within the LATA on which Momentum has NPA/NXXs homed for the delivery of Interexchange Carrier Switched Access (SWA) and toll traffic, and traffic to Type 2A CMRS connections located at the access tandems. BellSouth shall not switch SWA traffic through more than one BellSouth access tandem. SWA, Type 2A CMRS or toll traffic routed to the local tandem in error will not be backhauled to the BellSouth access tandem for completion. (Type 2A CMRS interconnection is defined in BellSouth's A35 General Subscriber Services Tariff).
- 4.10.2.3 BellSouth's provisioning of Local Tandem Interconnection assumes that Momentum has executed the necessary local interconnection agreements with the other third party network providers subtending those local tandems as required by the Act.

4.10.3 Direct End Office-to-End Office Interconnection. Direct End Office-to-End Office one-way or two-way interconnection trunk groups allow for the delivery of a Party's originating Local Traffic, ISP-Bound Traffic and IntraLATA Toll Traffic to the terminating Party on a direct end office-to-end office basis.

~~3.3.1.1.14~~ 4.10.3.1 The Parties shall utilize direct end office-to-end office trunk groups, ~~under any one (1) of pursuant to Section 3.2 of this Attachment, under any one of~~ the following conditions:

~~3.3.1.1.24~~ 4.10.3.1.1 Tandem Exhaust.— If a tandem through which the Parties are interconnected is unable to, or is forecasted to be unable to support additional traffic loads for any period of time, the Parties will mutually agree on an end office trunking plan that will alleviate the tandem capacity shortage and ensure completion of traffic between Momentum and BellSouth.

~~3.3.1.1.34~~ 4.10.3.1.2 Traffic Volume.—To the extent either Party has the capability to measure the amount of traffic between Momentum's switch and a BellSouth end office and where such traffic exceeds or is forecasted to exceed a single DS1 of traffic per month, then the Parties shall install and retain direct end office trunking sufficient to handle such traffic volumes. Either Party will install additional capacity between such points when overflow traffic exceeds or is forecasted to exceed a single DS1 of traffic per month. In the case of one-way trunking, additional trunking shall only be required by the Party whose trunking has achieved the preceding usage threshold.

4.10.3.1.3 Mutual Agreement.— The Parties may install direct end office trunking upon mutual agreement in the absence of conditions (1) or (2) above.

4.10.4 Transit Traffic Trunk Group. Transit Traffic trunks can either be two-way trunks or two one-way trunks ordered by Momentum to deliver and receive Transit Traffic. Establishing Transit Traffic trunks at BellSouth access and local tandems provides intratandem access to the third parties also interconnected at those tandems. Momentum shall be responsible for all recurring and non-recurring charges associated with Transit Traffic trunks and facilities.

4.10.4.1 Toll Free Traffic. If Momentum chooses BellSouth to perform the Service Switching Point (SSP) Function (i.e., handle Toll Free database queries) from BellSouth's switches, all Momentum originating Toll Free traffic will be routed over the Transit Traffic Trunk Group and shall be delivered using GR-394 format. Carrier Code "0110" and Circuit Code (to be determined for each LATA) shall be used for all such calls.

4.10.4.1.1 Either Party may choose to perform its own Toll Free database queries from its switch. In such cases, the originating party will determine the nature (local/intraLATA/interLATA) of the Toll Free call (local/IntraLATA/InterLATA) based on the response from the database. If the call is a local or intraLATA Toll Free call between the parties, the originating party will route the post-query local

or IntraLATA converted ten-digit local number to the other Party over the local or intraLATA trunk group. If the call is a local or intraLATA Toll Free call destined for a third party (ICO, IXC, CMRS or other CLEC), the originating party will route the post-query local or intraLATA converted ten-digit local number to BellSouth over the Transit Traffic Trunk Group and Momentum shall provide to BellSouth a Toll Free billing record when appropriate. If the query reveals the call is an interLATA Toll Free call, Momentum will route the post-query interLATA Toll Free call (1) directly from its switch for carriers interconnected with its network or (2) over the Transit Traffic Trunk Group to carriers that are not directly connected to Momentum's network but that are connected to BellSouth's access tandem.

- 4.10.4.1.2 All post-query Toll Free calls for which Momentum performs the SSP function, if delivered to BellSouth, shall be delivered using GR-394 format for calls destined to IXCs, and GR-317 format for calls destined to end offices that directly subtend a BellSouth access tandem within the LATA.

5. NETWORK DESIGN AND MANAGEMENT FOR INTERCONNECTION

- 5.1 Network Management and Changes. The Parties will exchange toll-free maintenance contact numbers and escalation procedures. The Parties will provide public notice of network changes in accordance with applicable federal and state rules and regulations.
- 5.2 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. GR-NWT-00499. Where Momentum chooses to utilize Signaling System 7 signaling, also known as Common Channel Signaling (SS7), SS7 connectivity is required between the Momentum switch and the BellSouth Signaling Transfer Point (STP). BellSouth will provide SS7 signaling using Common Channel Signaling Access Capability in accordance with the technical specifications set forth in the BellSouth Guidelines to Technical Publication, GR-905-Core. Facilities of each Party shall provide the necessary on-hook, off-hook answer and disconnect supervision and shall provide calling number ID (Calling Party Number) when technically feasible.
- 5.3 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 of affiliate, where technically feasible, or to any other Party to which each Party provides local interconnection.
- 5.4 Network Management Controls. Both Parties will work cooperatively to apply sound network management principles by invoking appropriate network

management controls (e.g., call gapping) to alleviate or prevent network congestion.

6. FORECASTING FOR TRUNK PROVISIONING

- 6.1 Within six (6) months after execution of this Agreement, Momentum shall provide an initial interconnection trunk group forecast for each LATA in which it plans to provide service within BellSouth's region. Upon receipt of Momentum's forecast, the Parties shall conduct a joint planning meeting to develop a joint interconnection trunk group forecast. Each forecast provided under this Section shall be deemed "Confidential Information" under the General Terms and Conditions of this Agreement.
- 6.1.1 At a minimum, the forecast shall include the projected quantity of Transit Trunks, Momentum-to-BellSouth one-way trunks (Momentum Trunks), BellSouth-to-Momentum one-way trunks (BellSouth Trunk Groups) and/or two-way interconnection trunks, if the Parties have agreed to interconnect using two-way trunking to transport the Parties' Local Traffic, ISP-Bound Traffic and IntraLATA Toll Traffic. The quantities shall be projected for a minimum of six months and shall include an estimate of the current year plus the next two years total forecasted quantities. The Parties shall mutually develop BellSouth Trunk Groups and/or two-way interconnection trunk forecast quantities.
- 6.1.2 All forecasts shall include, at a minimum, Access Carrier Terminal Location (ACTL), trunk group type (local/intraLATA toll, Transit, Operator Services, 911, etc.), A location/Z location (CLLI codes for Momentum location and BellSouth location where the trunks shall terminate), interface type (e.g., DS1), Direction of Signaling, Trunk Group Number, if known, (commonly referred to as the 2-6 code) and forecasted trunks in service each year (cumulative).
- 6.2 Once initial interconnection trunk forecasts have been developed, Momentum shall continue to provide interconnection trunk forecasts at mutually agreeable intervals. Momentum shall use its best efforts to make the forecasts as accurate as possible based on reasonable engineering criteria. The Parties shall continue to develop Reciprocal Trunk Group and/or two-way interconnection trunk forecasts as described in Section 6.1.1.
- 6.3 The submission and development of interconnection trunk forecasts shall not replace the ordering process for local interconnection trunks. Each Party shall exercise its best efforts to provide the quantity of interconnection trunks mutually forecasted. However, the provision of the forecasted quantity of interconnection trunks is subject to trunk terminations and facility capacity existing at the time the trunk order is submitted. Furthermore, the receipt and development of trunk forecasts does not imply any liability for failure to perform if capacity (trunk terminations or facilities) is not available for use at the forecasted time.

- 6.4 Trunk Utilization. For the BellSouth Trunk Groups that are Final Trunk Groups (BellSouth Final Trunk Groups), BellSouth and Momentum shall monitor traffic on each Bellsouth Final Trunk Group that is ordered and installed. The Parties agree that the BellSouth Final Trunk Groups will be utilized at 60 percent (60%) of the time consistent busy hour utilization level within 90 days of installation. The Parties agree that the BellSouth Final Trunk Groups will be utilized at eighty percent (80%) of the time consistent busy hour utilization level within 180 days of installation. Any BellSouth Final Trunk Group not meeting the minimum thresholds set forth in this Section are defined as “Under-utilized” trunks. Pursuant to the process as set forth in Section 6.4.1 following, BellSouth may disconnect any Under-utilized BellSouth Final Trunk Groups and Momentum shall refund to BellSouth the associated nonrecurring and recurring trunk and facility charges paid by BellSouth, if any.
- 6.4.1 BellSouth’s CISC will notify Momentum of any under-utilized BellSouth Trunk Groups and the number of such trunk groups that BellSouth wishes to disconnect. BellSouth will provide supporting information either by email or facsimile to the designated Momentum interface. Momentum will provide concurrence with the disconnection in seven (7) business days or will provide specific information supporting why the trunks should not be disconnected. Such supporting information should include expected traffic volumes (including traffic volumes generated due to Local Number Portability) and the timeframes within which Momentum expects to need such trunks. BellSouth’s CISC Project Manager and Circuit Capacity Manager (CCM) will discuss the information with Momentum to determine if agreement can be reached on the number of BellSouth Final Trunk Groups to be removed. If no agreement can be reached, BellSouth will issue disconnect orders to Momentum. The due date of these orders will be four weeks after Momentum was first notified in writing of the underutilization of the trunk groups.
- 6.4.2 To the extent that any final interconnection trunk group is utilized at a time-consistent busy hour of eighty percent (80%) or greater, unless otherwise mutually agreed, the Parties shall augment the trunk groups as soon as commercially reasonable in order to bring the utilization to eighty percent (80%).
- 6.4.3 For the two-way trunk groups, BellSouth and Momentum shall monitor traffic on each interconnection trunk group that is ordered and installed. The Parties agree that within 90 days of the installation of the BellSouth two-way trunk or trunks, the trunks will be utilized at 60 percent (60%) of the time consistent busy hour utilization level. The Parties agree that within 180 days of the installation of a trunk or trunks, the trunks will be utilized at eighty percent (80%) of the time consistent busy hour utilization level. Any trunk or trunks not meeting the minimum thresholds set forth in this Section are defined as “Under-utilized” trunks. Pursuant to the process set forth in Section 6.4.3.1 following, BellSouth will request the disconnection of any Under-utilized two-way trunk(s) and

Momentum shall refund to BellSouth the associated nonrecurring and recurring trunk and facility charges paid by BellSouth, if any.

6.4.4 BellSouth's CISC will notify Momentum of any under-utilized two-way trunk groups and the number of trunks that BellSouth wishes to disconnect. BellSouth will provide supporting information either by email or facsimile to the designated Momentum interface. Momentum will provide concurrence with the disconnection in seven (7) business days or will provide specific information supporting why the two-way trunks should not be disconnected. Such supporting information should include expected traffic volumes (including traffic volumes generated due to Local Number Portability) and the timeframes within which Momentum expects to need such trunks. BellSouth's CISC Project Manager and CCM will discuss the information with Momentum to determine if agreement can be reached on the number of trunks to be removed. If no agreement can be reached, BellSouth will issue disconnect orders to Momentum. The due date of these orders will be four weeks after Momentum was first notified in writing of the underutilization of the trunk groups.

6.4.5 To the extent that any interconnection trunk group is utilized at a time-consistent busy hour of eighty percent (80%) or greater, the Parties may review the trunk groups and, if necessary, shall negotiate in good faith for the installation of augmented facilities.

7. LOCAL DIALING PARITY

7.1 BellSouth and Momentum shall provide local and toll dialing parity, as defined in FCC rules and regulations, with no unreasonable dialing delays. Dialing parity shall be provided for all originating telecommunications services that require dialing to route a call.

8. INTERCONNECTION COMPENSATION

8.1 Compensation for Call Transportation and Termination for Local Traffic, ISP-Bound Traffic and IntraLATA Toll Traffic

8.1.1 For the purposes of this Attachment and for intercarrier compensation for Local Traffic exchanged between the Parties pursuant to this Attachment, Local Traffic is defined as any telephone call that originates in one exchange and terminates in either the same exchange, or other local calling area associated with the originating exchange as defined and specified in Section A3 of BellSouth's General Subscriber Service Tariff.

8.1.1.1 Additionally, Local Traffic includes any cross boundary, voice-to-voice intrastate, interLATA or interstate, interLATA calls established as a local call by the ruling regulatory body.

- 8.1.2 For purposes of this Attachment and for intercarrier compensation for ISP-bound Traffic exchanged between the Parties, ISP Bound Traffic is defined as calls to an information service provider or Internet Service Provider (ISP) that are dialed by using a local dialing pattern (seven (7) or ten (10) digits) by a calling party in one (1) exchange to an ISP server or modem in either the same exchange or other local calling area associated with the originating exchange as defined and specified in Section A3 of BellSouth's GSST. ISP Bound Traffic is not Local Traffic subject to reciprocal compensation, but instead is information access traffic subject to the FCC's jurisdiction.
- 8.1.3 Notwithstanding the definitions of Local Traffic and ISP-bound traffic above, and pursuant to the FCC's Order of Remand and Report and Order in CC Docket 99-68 released April 27, 2001 (ISP Order on Remand), BellSouth and Momentum agree to the rebuttable presumption that all combined circuit switched Local and ISP-bound Traffic delivered to BellSouth or Momentum that exceed a 3:1 ratio of terminating to originating traffic on a statewide basis shall be considered ISP-bound traffic for compensation purposes. BellSouth and Momentum further agree to the rebuttable presumption that all combined circuit switched Local and ISP-bound Traffic delivered to BellSouth or Momentum that does not exceed a 3:1 ratio of terminating to originating traffic on a statewide basis shall be considered Local Traffic for compensation purposes.
- 8.1.4 The Parties shall compensate each other for the Call Transport and Termination of Local Traffic and ISP_bound Traffic at the rate of \$.0007 per minute of use. For ISP-bound Traffic exchanged from the Effective Date of this Agreement until the expiration date of this Agreement, the Parties agree to apply the growth caps set forth in the FCC's ISP Order on Remand or as otherwise mutually agreed.
- 8.1.5 Any ISP-bound Traffic that exceed the minute of use caps described above shall be exchanged on a bill and keep basis, and not compensation shall be paid to the terminating Party therefore for minutes of use.
- 8.1.6 The appropriate element al rates set forth in Exhibit A of this Attachment shall apply for Transit Traffic as described in Sections below and to Multiple Tandem Access as described in Sections above.
- 8.1.7 IntraLATA Toll Traffic is defined as all traffic, regardless of transport protocol method, that originates and terminates within a single LATA that is not Local Traffic or ISP-Bound traffic under this Attachment.
- 8.1.7.1 For terminating its intraLATA toll traffic on the other Party's network, the originating Party will pay the terminating Party BellSouth's current intrastate or interstate, whichever is appropriate, terminating switched access tariff rates as set forth in BellSouth's Access Services Tariffs as filed and in effect with the FCC or appropriate Commission. The appropriate charges will be determined by the routing of the call. Additionally, 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 BellSouth originating switched access tariff rates as set forth in BellSouth's Intrastate or Interstate Access Services Tariff as filed and in effect with the FCC or appropriate Commission.

- 8.1.7.2 For the states of Florida, Georgia, North Carolina, South Carolina, and Tennessee, if Momentum assigns NPA/NXXs to specific BellSouth rate centers within the LATA and assigns numbers from those NPA/NXXs to Momentum End Users physically located outside of that LATA, BellSouth traffic originating from within the LATA where the NPA/NXXs are assigned and delivered to a Momentum customer physically located outside of such LATA, shall not be deemed Local Traffic. Further, Momentum agrees to identify such interLATA traffic to BellSouth and to compensate BellSouth for originating and transporting such interLATA traffic to Momentum at BellSouth's switched access tariff rates. If Momentum does not identify such interLATA traffic to BellSouth, to the best of BellSouth's ability BellSouth will determine which whole Momentum NPA/NXXs on which to charge the applicable rates for originating network access service as reflected in BellSouth's Access Service Tariff. BellSouth shall make appropriate billing adjustments if Momentum can provide sufficient information for BellSouth to determine whether or not said traffic is Local or ISP-bound Traffic.
- 8.1.7.3 For the state of Alabama, if Momentum assigns NPA/NXXs to specific BellSouth rate centers within the LATA and assigns numbers from those NPA/NXXs to Momentum End Users physically located outside of that LATA, BellSouth traffic originating from within the LATA where the NPA/NXXs are assigned and delivered to a Momentum customer physically located outside of such LATA, shall not be deemed Local Traffic. Further, Momentum agrees to identify such interLATA traffic to BellSouth. Compensation for identified traffic shall be subject to "bill and keep". If Momentum does not identify such interLATA traffic to BellSouth, to the best of BellSouth's ability BellSouth will determine which whole Momentum NPA/NXXs on which to charge the applicable rates for originating network access service as reflected in BellSouth's Access Service Tariff. BellSouth shall make appropriate billing adjustments if Momentum can provide sufficient information for BellSouth to determine whether or not said traffic is Local or ISP-bound Traffic.
- 8.1.7.4 For Louisiana, Mississippi, and Kentucky, if Momentum assigns NPA/NXXs to specific BellSouth rate centers within the LATA and assigns numbers from those NPA/NXXs to Momentum End Users physically located outside of that LATA, BellSouth traffic originating from within the LATA where the NPA/NXXs are assigned and delivered to a Momentum customer physically located outside of such LATA, shall not be deemed Local Traffic. Further, Momentum agrees to identify such interLATA traffic to BellSouth and to compensate BellSouth for

originating and transporting such interLATA traffic to Momentum at BellSouth's switched access tariff rates. If Momentum does not identify such interLATA traffic to BellSouth, to the best of BellSouth's ability BellSouth will determine which whole Momentum NPA/NXXs on which to charge the applicable rates for originating network access service as reflected in BellSouth's Access Service Tariff. BellSouth shall make appropriate billing adjustments if Momentum can provide sufficient information for BellSouth to determine whether or not said traffic is Local or ISP-bound Traffic.

8.2 Jurisdictional Reporting

8.2.1 Percent Local Use. Each Party shall report to the other a Percent Local Usage (PLU) factor. The application of the PLU will determine the amount of local or ISP-Bound minutes to be billed to the other Party. Each Party shall update its PLU on the first of January, April, July and October of the year and shall send it to the other Party to be received no later than 30 days after the first of each such month based on local and ISP-Bound usage for the past three months ending the last day of December, March, June and September, respectively. Requirements associated with PLU calculation and reporting shall be as set forth in BellSouth's Jurisdictional Factors Reporting Guide, as it is amended from time to time, as posted on BellSouth's website.

8.2.2 Percent Local Facility. Each Party shall report to the other a Percent Local Facility (PLF) factor. The application of the PLF will determine the portion of switched dedicated transport to be billed per the local jurisdiction rates. The PLF shall be applied to Multiplexing, Local Channel and Interoffice Channel Switched Dedicated Transport utilized in the provision of local interconnection trunks. Each Party shall update its PLF on the first of January, April, July and October of the year and shall send it to the other Party to be received no later than 30 days after the first of each such month to be effective the first bill period the following month, respectively. Requirements associated with PLF calculation and reporting shall be as set forth in BellSouth's Jurisdictional Factors Reporting Guide, as it is amended from time to time, as posted on BellSouth's website.

8.2.3 Percent Interstate Usage. Each Party shall report to the other the projected Percent Interstate Usage (PIU) factors. All jurisdictional report requirements, rules and regulations for Interexchange Carriers specified in BellSouth's Intrastate Access Services Tariff will apply to Momentum. After interstate and intrastate traffic percentages have been determined by use of PIU procedures, the PLU and PLF factors will be used for application and billing of local interconnection. Each Party shall update its PIUs on the first of January, April, July and October of the year and shall send it to the other Party to be received no later than 30 days after the first of each such month, for all services showing the percentages of use for the past three months ending the last day of December, March, June and September. Additional requirements associated with PIU calculations and reporting shall be as set forth in BellSouth's Jurisdictional

Factors Reporting Guide as it is amended from time to time, as posted on BellSouth's website.

- 8.2.4 Notwithstanding the provisions in Section 8.3.1, 8.3.2, and 8.3.3 above, where the terminating Party has message recording technology that identifies the jurisdiction of traffic terminated as defined in this Agreement, such information shall, at the terminating Party's option, be utilized to determine the appropriate jurisdictional reporting factors (PLU, PIU, and/or PLF), in lieu of those provided by the originating Party. In the event that the terminating Party opts to utilize its own data to determine jurisdictional reporting factors, such terminating Party shall notify the originating Party at least 15 days prior to the beginning of the calendar quarter in which the terminating Party will begin to utilize its own data. Such factors shall be subject to the Dispute Resolution provisions in this Agreement, as well as the Audit provisions set forth in 8.3.5 below.
- 8.2.5 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 Momentum shall retain records of call detail for a minimum of nine months from which the PLU, PLF and/or PIU can be ascertained. The audit shall be conducted 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 auditor paid for by the Party requesting the audit. The PLF, PLU and/or PIU shall be adjusted based upon the audit results and shall apply for the quarter the audit was completed, for the quarter prior to the completion of the audit, and 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 PLF, PLU and/or PIU by twenty percentage points (20%) or more, that Party shall reimburse the auditing Party for the cost of the audit.
- 8.3 Compensation for IntraLATA 8XX Traffic. BellSouth will charge the appropriate switched access charges as set forth in the BellSouth intrastate Access Services Tariff to the IXC that is responsible for terminating the 8XX to the appropriate Wide Area Telecommunications Services (WATS) or Plain Old Telephone Service (POTS) number. Momentum will pay BellSouth the database query charge as set forth in the BellSouth Intrastate Access Services Tariff. Momentum will be responsible for any applicable Common Channel Signaling (SS7).
- 8.3.1 Records for 8XX Billing. Where technically feasible, each Party will provide to the other Party the appropriate records, in accordance with industry standards, necessary for billing intraLATA 8XX customers. The records provided will be in a standard EMI format.
- 8.3.2 8XX Access Screening. BellSouth's provision of 8XX Toll Free Dialing (TFD) to Momentum requires interconnection from Momentum to BellSouth's 8XX Signal Channel Point (SCP). Such interconnections shall be established pursuant

to BellSouth's Common Channel Signaling Interconnection Guidelines and Telcordia's CCS Network Interface Specification document, TR-TSV-000905. Momentum shall establish SS7 interconnection at the BellSouth Local Signal Transfer Points serving the BellSouth 8XX SCPs that Momentum desires to query. The terms and conditions for 8XX TFD are set out in BellSouth's Intrastate Access Services Tariff.

8.4 Mutual Provision of Switched Access Service

8.4.1 Switched Access Traffic. Switched Access Traffic is described as telephone calls requiring local transmission or switching services for the purpose of the origination or termination of Telephone Toll Service. Switched Access Traffic includes, but is not limited to, the following types of traffic: Feature Group A, Feature Group B, Feature Group C, Feature Group D, toll free access (e.g., 8XX), 900 access and their successors or similar Switched Exchange Access Service. Irrespective of transport protocol method used, a call which originates in one LATA and terminates in another LATA (i.e., the end to end point of the call) or in which the Parties' Switched Access Services are used for the origination or termination of the call, shall be considered Switched Access Traffic.

8.4.2 The Parties agree that phone-to-phone calls that utilize Voice-Over_ Internet Protocol (VOIP) and which calls originate and terminate on the circuit switched telephone network, i.e, originate and terminate in time division multiplexing format (TDM) in different local calling areas, but which is transported using Internet protocol between those points, constitutes telecommunications traffic and is Switched Access Traffic and properly subject to the effective intrastate and interstate switched access tariffs of the originating and terminating carriers.

8.4.2.1 The Parties have been unable to agree as to whether computer-to-phone and phone-to-computer -VOIP transmissions which cross different local calling area boundaries or LATAs constitute Switched Access Traffic ("Disputed VoIP"). Notwithstanding the foregoing, without waiving any rights with respect to either Party's position as to the jurisdictional nature of Disputed VoIP, and without waiving any rights of the Parties to request an amendment to this Agreement pursuant to the provisions set forth in Section XX of the General Terms and Conditions of this Agreement, the Parties agree to continue to abide by any effective and applicable FCC rules and orders regarding the nature of such traffic and the compensation payable by the Parties for such traffic, if any, pursuant to this Agreement.

8.4.3 If a BellSouth End User chooses Momentum as their presubscribed interexchange carrier, or if a BellSouth End User uses Momentum as an interexchange carrier on a 101XXXX basis, BellSouth will charge Momentum the appropriate BellSouth tariff charges for originating switched access services.

- 8.4.4 Where the originating Party delivers a call to the terminating Party over switched access facilities, the originating Party will pay the terminating Party terminating, switched access charges as set forth in the appropriate FCC or Commission filed and effective Access Services Tariff.
- 8.4.5 When Momentum's end office switch provides an access service connection to or from an IXC by a direct trunk group to the IXC utilizing BellSouth facilities, each Party will provide its own access services to the IXC and bill on a multi-bill, multi-tariff meet-point basis. Each Party will bill its own access services rates to the IXC with the exception of the interconnection charge. The interconnection charge will be billed by Momentum as the Party providing the end office function. Each party will use the Multiple Exchange Carrier Access Billing (MECAB) guidelines to establish meet point billing for all applicable traffic. The Parties shall utilize a thirty (30) day billing period.
- 8.4.5.1 When Momentum's end office subtends the BellSouth Access Tandem switch for receipt or delivery of switched access traffic and provides an access service connection to or from an IXC via BellSouth's Access Tandem switch, BellSouth, as the tandem company agrees to provide to Momentum, as the End Office Company, as defined in MECAB, at no charge, all the switched access detail usage data, recorded at the access tandem, within no more than sixty (60) days after the recording date. Each Party will notify the other when it is not feasible to meet these requirements. As business requirements change, data reporting requirements may be modified as necessary.
- 8.4.6 BellSouth, as the tandem provider company, will retain for a minimum period of sixty (60) days, access message detail sufficient to recreate any data that is lost or damaged by the tandem provider company or any third party involved in processing or transporting data.
- 8.4.7 BellSouth, as the tandem provider 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.
- 8.4.8 Any claims against BellSouth, as the tandem provider company, for unbillable or uncollectible revenue should be filed with the tandem provider company within 120 days of the usage date.
- 8.4.9 BellSouth, as the tandem provider company shall keep records of its billing activities relating to jointly-provided Intrastate and Interstate access services in sufficient detail to permit the Subsequent Billing Party to, by formal or informal review or audit, to verify the accuracy and reasonableness of the jointly-provided access billing data provided by the Initial Billing Party. Each Party agrees to cooperate in such formal or informal reviews or audits and further agrees to jointly review the findings of such reviews or audits in order to resolve any differences concerning the findings thereof.

8.5 Transit Traffic. BellSouth shall provide tandem switching and transport services for Momentum's Transit Traffic. Rates for local Transit Traffic and ISP-Bound Transit Traffic shall be the applicable Call Transport and Termination charges as set forth in Exhibit A to this Attachment. Rates for Switched Access Transit Traffic shall be the applicable charges as set forth in BellSouth Interstate or Intrastate Switched Access tariffs. Billing associated with all Transit Traffic shall be pursuant to MECAB guidelines. Traffic between Momentum and Wireless Type 1 third parties shall not be treated as Transit Traffic from a routing or billing perspective. Traffic between Momentum and Wireless Type 2A or a third party CLEC utilizing BellSouth switching shall not be treated as Transit Traffic from a routing or billing perspective until BellSouth and the Wireless carrier or a third party CLEC utilizing BellSouth switching have the capability to properly meet-point-bill in accordance with MECAB guidelines.

8.5.1 The delivery of traffic that transits the BellSouth network and is transported to another carrier's network is excluded from any BellSouth billing guarantees. BellSouth agrees to deliver Transit Traffic to the terminating carrier; provided, however, that Momentum is solely responsible for negotiating and executing any appropriate contractual agreements with the terminating carrier for the exchange of Transit Traffic through the BellSouth network. BellSouth will not be liable for any compensation to the terminating carrier or to Momentum. In the event that the terminating third party carrier imposes on BellSouth any charges or costs for the delivery of Transit Traffic, Momentum shall reimburse BellSouth for such charges or costs paid by BellSouth, provided that BellSouth supplies supporting documentation, upon request. Additionally, the Parties agree that any billing to a third party or other Telecommunications carrier under this section shall be pursuant to MECAB procedures.

9. FRAME RELAY SERVICE INTERCONNECTION

9.1 In addition to the Local Interconnection services set forth above, BellSouth will offer a network to network Interconnection arrangement between BellSouth's and Momentum's frame relay switches as set forth below. The following provisions will apply only to Frame Relay Service and Exchange Access Frame Relay Service and Managed Shared Frame Relay Service in those states in which Momentum is certified and providing Frame Relay Service as a Local Exchange Carrier and where traffic is being exchanged between Momentum and BellSouth Frame Relay Switches in the same LATA.

9.2 The Parties agree to establish two-way Frame Relay facilities between their respective Frame Relay Switches to the mutually agreed upon Frame Relay Service point(s) of interconnection (IP(s)) within the LATA. All IPs shall be within the same Frame Relay Network Serving Areas as defined in BellSouth's FCC/GSST tariffs (Frame Relay Service's Serving Area Point (SAP) located at the web site address:

http://www.interconnection.bellsouth.com/products/frame_relay.html) except as set forth in this Attachment.

- 9.3 Upon the request of either Party, such interconnection will be established where BellSouth and Momentum have Frame Relay Switches in the same LATA. Where there are multiple Frame Relay switches in one central office, an interconnection with any one of the switches will be considered an interconnection with all of the switches at that central office for purposes of routing packet traffic.
- 9.4 The Parties agree to provision local (intraLATA) Frame Relay Service and Exchange Access Frame Relay Service and Managed Shared Frame Relay Service (both intrastate and interstate) over Frame Relay interconnection facilities between the respective Frame Relay switches and the IPs.
- 9.5 The Parties agree to assess each other reciprocal charges for the facilities that each provides to the other according to the Percent Local Circuit Use Factor (PLCU), determined as follows:
- 9.5.1 If the data packets originate and terminate in locations in the same LATA, and are consistent with the local definitions of the Agreement, the traffic is considered local. Frame Relay framed packet data is transported within Virtual Circuits (VC). For the purposes of this Agreement, if all the data packets transported within a VC remain within the LATA, then consistent with the local definitions in this Agreement, the traffic on that VC is local (Local VC).
- 9.5.2 If the originating and terminating locations of the two-way packet data traffic are not in the same LATA, the traffic on that VC is interLATA (InterLATA VC).
- 9.5.3 The PLCU is determined by dividing the total number of Local VCs, by the total number of VCs on each Frame Relay facility. To facilitate implementation, Momentum may determine its PLCU in aggregate, by dividing the total number of Local VCs in a given LATA by the total number VCs in that LATA. The Parties agree to renegotiate the method for determining PLCU, at BellSouth's request, and within 90 days, if BellSouth notifies Momentum that it has found that this method does not adequately represent the PLCU.
- 9.5.4 If there are no VCs on a facility when it is billed, the PLCU will be zero.
- 9.5.5 BellSouth will provide the circuit between the Parties' respective Frame Relay Switches. The Parties will be compensated as follows: BellSouth will invoice, and Momentum will pay, the total nonrecurring and recurring charges for the circuit based upon the rates set forth in BellSouth's Interstate Access Tariff, FCC No. 1. Momentum will then invoice, and BellSouth will pay, an amount calculated by multiplying the BellSouth billed charges for the circuit by one-half of Momentum's PLCU.

- 9.6 The Parties agree to compensate each other for Frame Relay network-to-network interface (NNI) ports based upon the NNI rates set forth in BellSouth's Interstate Access Tariff, FCC No. 1. Compensation for each pair of NNI ports will be calculated as follows: BellSouth will invoice, and Momentum will pay, the total nonrecurring and recurring charges for the NNI port. Momentum will then invoice, and BellSouth will pay, an amount calculated by multiplying the BellSouth billed nonrecurring and recurring charges for the NNI port by Momentum's PLCU.
- 9.7 Each Party agrees that there will be no charges to the other Party for its own subscriber's Permanent Virtual Circuit (PVC) rate elements for the local PVC segment from its Frame Relay switch to its own subscriber's premises. PVC rate elements include the Data Link Connection Identifier (DLCI) and Committed Information Rate (CIR).
- 9.8 For the PVC segment between the Momentum and BellSouth Frame Relay switches, compensation for the PVC charges is based upon the rates in BellSouth's Interstate Access Tariff, FCC No. 1.
- 9.9 Compensation for PVC rate elements will be calculated as follows:
- 9.9.1 If Momentum orders a VC connection between a BellSouth subscriber's PVC segment and a PVC segment from the BellSouth Frame Relay switch to the Momentum Frame Relay switch, BellSouth will invoice, and Momentum will pay, the total nonrecurring and recurring PVC charges for the PVC segment between the BellSouth and Momentum Frame Relay switches. If the VC is a Local VC, Momentum will then invoice and BellSouth will pay, the total nonrecurring and recurring PVC charges billed for that segment. If the VC is not local, no compensation will be paid to Momentum for the PVC segment.
- 9.9.2 If BellSouth orders a Local VC connection between a Momentum subscriber's PVC segment and a PVC segment from the Momentum Frame Relay switch to the BellSouth Frame Relay switch, BellSouth will invoice, and Momentum will pay, the total nonrecurring and recurring PVC and CIR charges for the PVC segment between the BellSouth and Momentum Frame Relay switches. If the VC is a Local VC, Momentum will then invoice and BellSouth will pay the total nonrecurring and recurring PVC and CIR charges billed for that segment. If the VC is not local, no compensation will be paid to Momentum for the PVC segment.
- 9.9.3 The Parties agree to compensate each other for requests to change a PVC segment or PVC service order record, according to the Feature Change charge as set forth in the BellSouth access tariff BellSouth Tariff FCC No. 1.
- 9.9.4 If Momentum requests a change, BellSouth will invoice and Momentum will pay a Feature Change charge for each affected PVC segment.

- 9.9.4.1 If BellSouth requests a change to a Local VC, Momentum will invoice and BellSouth will pay a Feature Change charge for each affected PVC segment.
- 9.9.5 The Parties agree to limit the sum of the CIR for the VCs on a DS1 NNI port to not more than three times the port speed, or not more than six times the port speed on a DS3 NNI port.
- 9.9.6 Except as expressly provided herein, this Agreement does not address or alter in any way either Party's provision of Exchange Access Frame Relay Service, Managed Shared Frame Relay Service or interLATA Frame Relay Service. All charges by each Party to the other for carriage of Exchange Access Frame Relay Service or interLATA Frame Relay Service are included in the BellSouth access tariff BellSouth Tariff FCC No. 1.
- 9.10 Momentum will identify and report quarterly to BellSouth the PLCU of the Frame Relay facilities it uses, per Section 9.5.3 above.
- 9.11 Either Party may request a review or audit of the various service components, consistent with the provisions of section E2 of the BellSouth State Access Services tariffs or Section 2 of the BellSouth FCC No.1 Tariff.

10. ORDERING CHARGES

- 10.1 The facilities purchased pursuant to this Attachment shall be ordered via the Access Service Request (ASR) process.
- 10.2 The rates, terms and conditions associated with submission and processing of ASRs are as set forth in BellSouth's FCC No. 1 Tariff, Section 5.

11. BASIC 911 AND E911 INTERCONNECTION

- 11.1 Basic 911 and E911 provides a caller access to the applicable emergency service bureau by dialing 911.
- 11.2 Basic 911 Interconnection. BellSouth will provide to Momentum 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. Momentum 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. Momentum will be required to route that call to the appropriate Public Safety Answering Point (PSAP). When a municipality converts to E911 service, Momentum will be required to begin using E911 procedures.

11.3 E911 Interconnection. Momentum shall install a minimum of two dedicated trunks originating from its Serving Wire Center and terminating to the appropriate E911 tandem. The Serving Wire Center must be in the same LATA as the E911 tandem. The dedicated trunks shall be, at a minimum, DS0 level trunks configured as part of a digital (1.544 Mb/s) interface (DS1 facility). The configuration shall use CAMA-type signaling with multifrequency (MF) pulsing or SS7/ISUP signaling either of which shall deliver ANI with the voice portion of the call. If SS7/ISUP connectivity is used, Momentum shall follow the procedures as set forth in Appendix A of the CLEC Users Guide to E911 for Facility Based Providers that is located on the BellSouth Interconnection website. If the user interface is digital, MF pulses as well as other AC signals shall be encoded per the u-255 Law convention. Momentum will be required to provide BellSouth daily updates to the E911 database. Momentum 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, Momentum will be required to route the call to a designated 7-digit or 10-digit local number residing in the appropriate PSAP. This call will be transported over BellSouth's interoffice network and will not carry the ANI of the calling party. Momentum 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.

11.4 Trunks and facilities for 911 Interconnection may be ordered by Momentum from BellSouth pursuant to the terms and conditions set forth in this Attachment at the rates set forth in Exhibit A hereto.

11.5 The detailed practices and procedures for 911/E911 interconnection are contained in the E911 Local Exchange Carrier Guide For Facility-Based Providers that is located on the BellSouth Interconnection Services Web site.

12. SS7 NETWORK INTERCONNECTION

12.1 SS7 Signaling. Both Parties will utilize LEC-to-LEC SS7 Signaling, where available, in conjunction with all traffic in order to enable full interoperability of CLASS features and functions except for call return. All SS7 signaling parameters will be provided, including, but not limited to automatic number identification (ANI), originating line information (OLI) call company category and charge number. All privacy indicators will be honored, and the Parties will exchange Transactional Capabilities Application Part (TCAP) messages to facilitate full interoperability of SS7-based features between the respective networks. Neither Party shall alter the SS7 parameters, or be a party to altering such parameters, or knowingly pass SS7 parameters that have been altered in order to circumvent appropriate interconnection charges.

12.2 Signaling Call Information. BellSouth and Momentum will send and receive 10 digits for Local Traffic and ISP-bound Traffic. Additionally, BellSouth and

Momentum 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.

- 12.3 SS7 Network Interconnection is the interconnection of Momentum local signaling transfer point switches or Momentum local or tandem switching systems with BellSouth signaling transfer point switches. This interconnection provides connectivity that enables the exchange of SS7 messages among BellSouth switching systems and databases, Momentum local or tandem switching systems, and other third-party switching systems directly connected to the BellSouth SS7 network.
- 12.3.1 The connectivity provided by SS7 Network Interconnection shall fully support the functions of BellSouth switching systems and databases and Momentum or other third-party switching systems with A-link access to the BellSouth SS7 network.
- 12.3.2 If traffic is routed based on dialed or translated digits between a Momentum 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 Momentum local signaling transfer point switches and BellSouth or other third-party local switch.
- 12.3.3 SS7 Network Interconnection shall provide:
- 12.3.4 Signaling Data Link functions, as specified in ANSI T1.111.2;
- 12.3.5 Signaling Link functions, as specified in ANSI T1.111.3; and
- 12.3.6 Signaling Network Management functions, as specified in ANSI T1.111.4.
- 12.3.7 SS7 Network Interconnection shall provide all functions of the SCCP necessary for Class 0 (basic connectionless) service as specified in ANSI T1.112. This includes GTT and SCCP Management procedures as specified in ANSI T1.112.4. Where the destination signaling point is a BellSouth switching system or DB, or is another third-party local or tandem switching system directly connected to the BellSouth SS7 network, SS7 Network Interconnection shall include final GTT of messages to the destination and SCCP Subsystem Management of the destination. Where the destination signaling point is a Momentum local or tandem switching system, SS7 Network Interconnection shall include intermediate GTT of messages to a gateway pair of Momentum

local STPs and shall not include SCCP Subsystem Management of the destination.

- 12.3.8 SS7 Network Interconnection shall provide all functions of the Integrated Services Digital Network User Part as specified in ANSI T1.113.
- 12.3.9 SS7 Network Interconnection shall provide all functions of the TCAP as specified in ANSI T1.114.
- 12.3.10 If Internetwork MRVT and SRVT become approved ANSI standards and available capabilities of BellSouth STPs, SS7 Network Interconnection may provide these functions of the OMAP.
- 12.4 Interface Requirements. The following SS7 Network Interconnection interface options are available to connect Momentum or Momentum-designated local or tandem switching systems or signaling transfer point switches to the BellSouth SS7 network:
 - 12.4.1 A-link interface from Momentum local or tandem switching systems; and
 - 12.4.2 B-link interface from Momentum STPs.
 - 12.4.3 The Signaling Point of Interconnection for each link shall be located at a cross-connect element in the central office where the BellSouth STP is located. There shall be a DS1 or higher rate transport interface at each of the Signaling Points of interconnection. Each signaling link shall appear as a DS0 channel within the DS1 or higher rate interface.
 - 12.4.4 BellSouth shall provide intraoffice diversity between the Signaling Points of Interconnection and the BellSouth STP, so that no single failure of intraoffice facilities or equipment shall cause the failure of both B-links in a layer connecting to a BellSouth STP.
 - 12.4.5 The protocol interface requirements for SS7 Network Interconnection include the MTP, ISDNUP, SCCP, and TCAP. These protocol interfaces shall conform to the applicable industry standard technical references.
 - 12.4.6 BellSouth shall set message screening parameters to accept messages from Momentum local or tandem switching systems destined to any signaling point in the BellSouth SS7 network with which the Momentum switching system has a valid signaling relationship.
 - 12.4.7 Rates. The Parties shall institute a “bill and keep” compensation plan under which neither Party will charge the other Party recurring and nonrecurring charges as set forth in Exhibit A for CCS7 signaling messages associated with Local Traffic. The portion of CCS7 signaling messages utilized for Local Traffic, which are subject to bill and keep in accordance with this section, shall be determined based

upon the application of the applicable signaling factors set forth in BellSouth's Jurisdictional Factors Reporting Guide. The remaining portion of the CCS7 signaling messages, signaling ports, and signaling links, i.e. the portion associated with interstate calls and with intrastate non-local calls, shall be billed in accordance with the applicable BellSouth intrastate Access Services Tariff and BellSouth's FCC No. 1 Tariff for switched access services.

Exhibit B

Basic Architecture

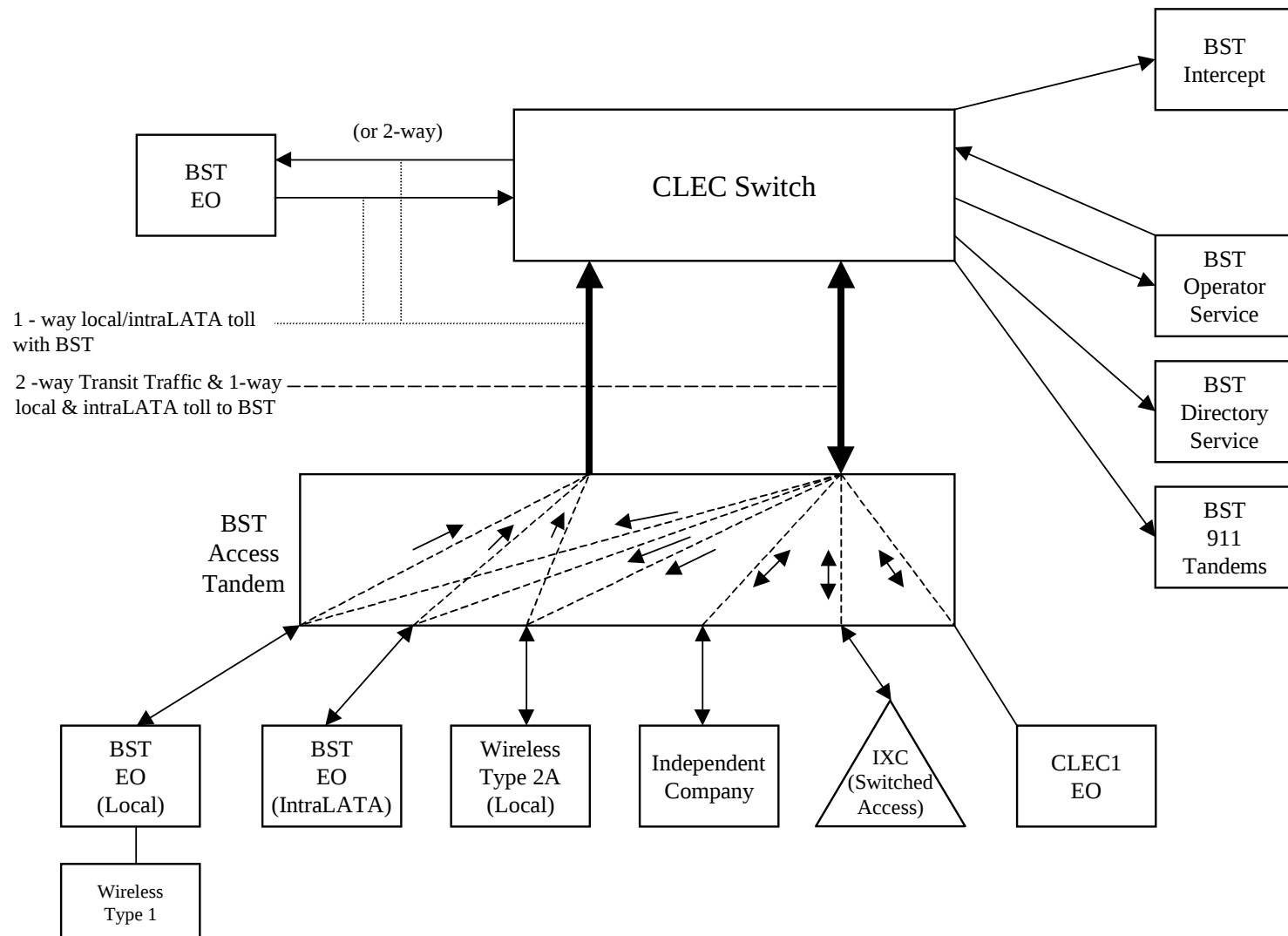


Exhibit C

One-Way Architecture

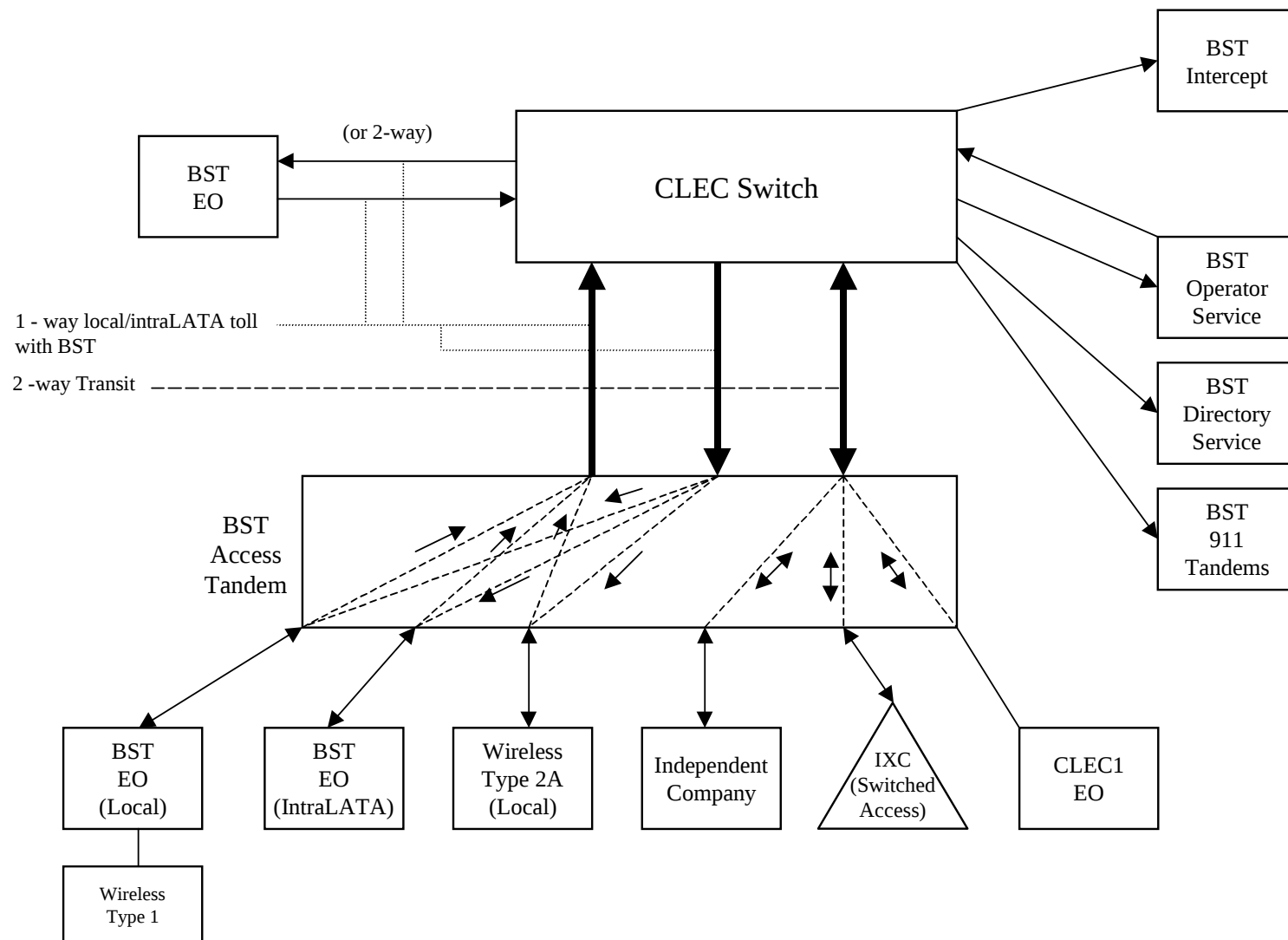


Exhibit D

Two-Way Architecture

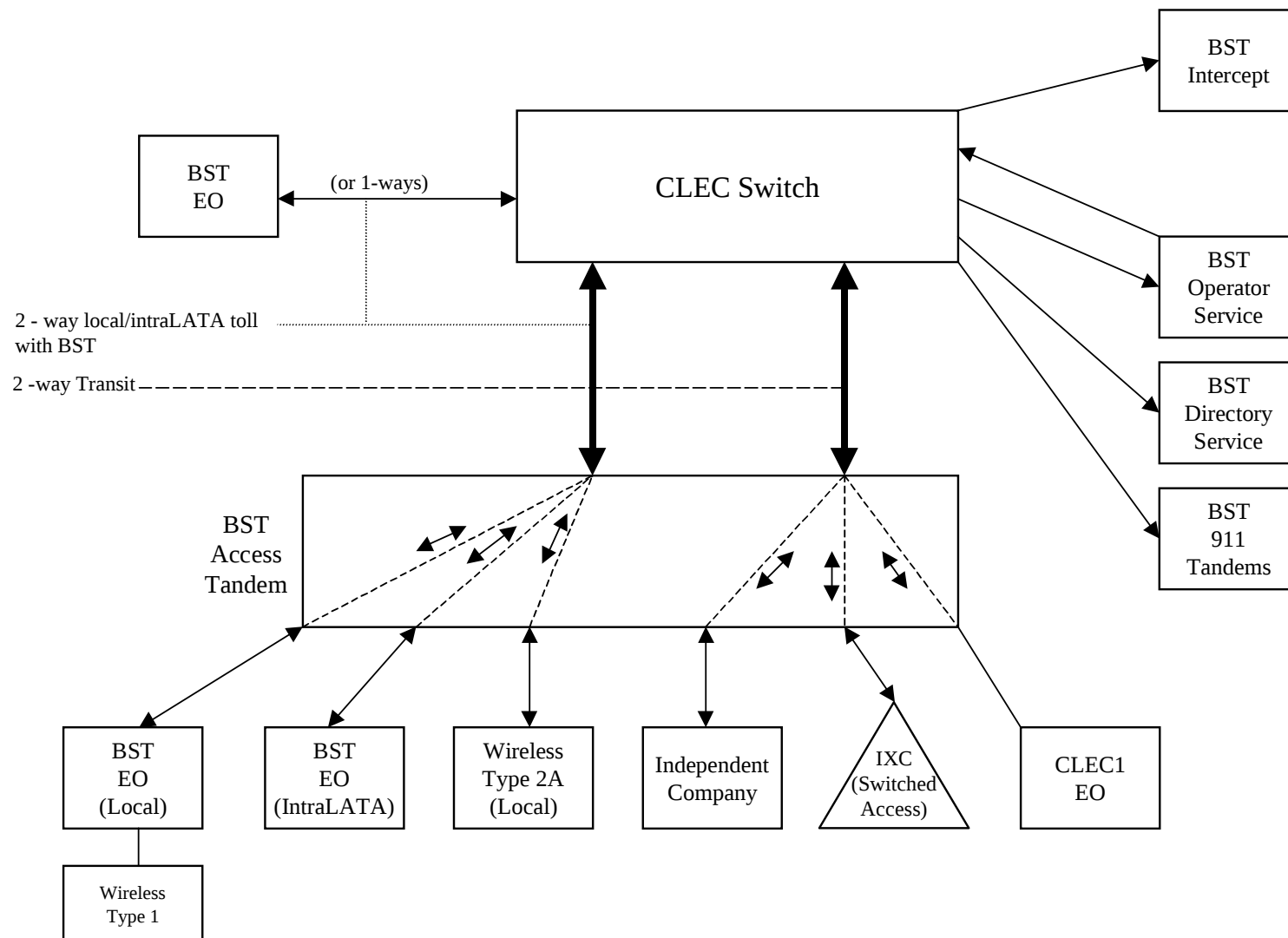
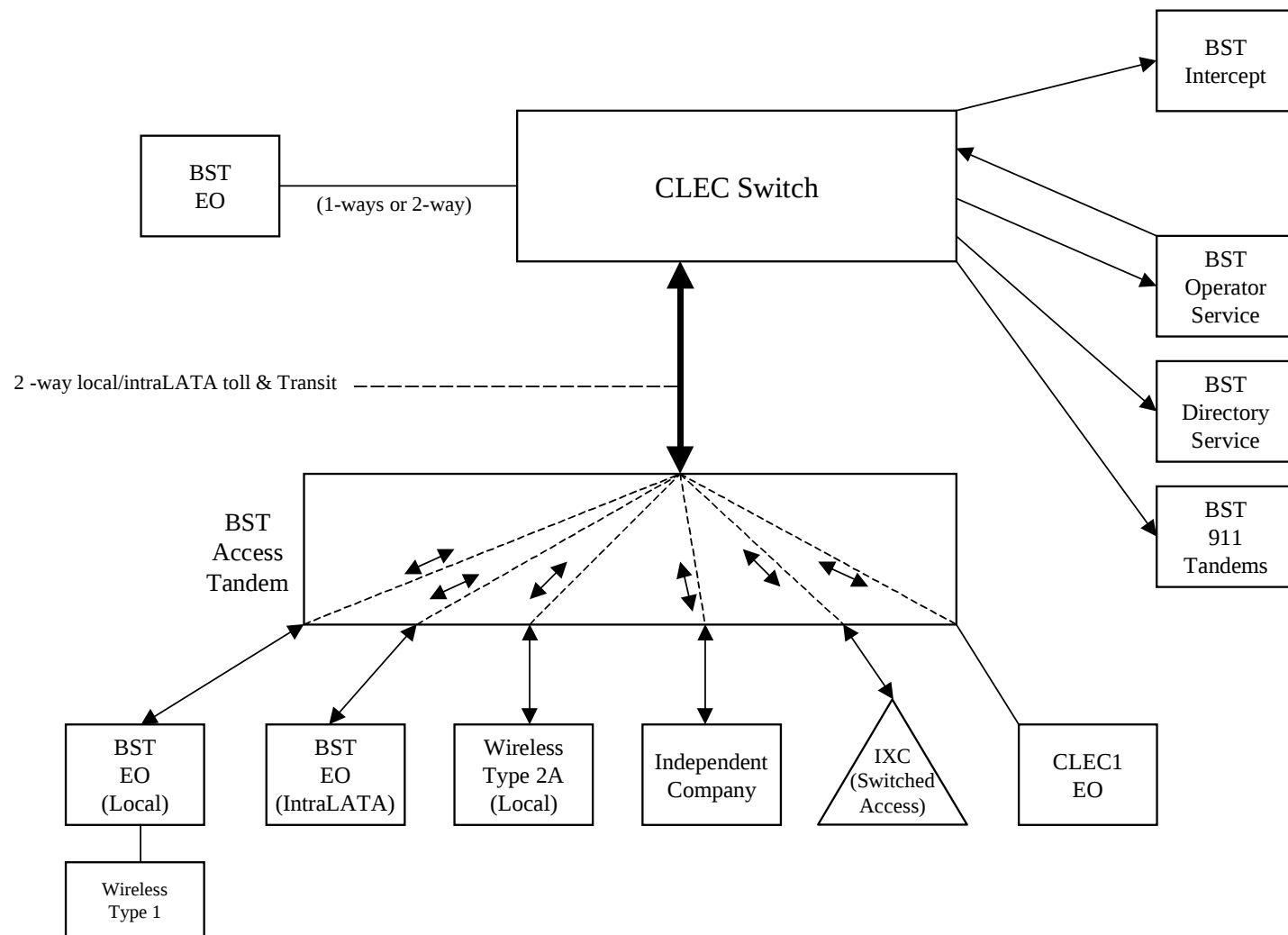


Exhibit E

Supergroup Architecture



LOCAL INTERCONNECTION - Tennessee											Attachment: 3 Exh: A							
CATEGORY	RATE ELEMENTS				Interim	Zone	BCS	USOC	RATES(\$)				Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic- 1st	Incremental Charge - Manual Svc Order vs. Electronic- Add'l	Incremental Charge - Manual Svc Order vs. Electronic- Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic- Disc Add'l
								Rec	Nonrecurring First	Add'l	Nonrecurring First	Disconnect Add'l	OSS Rates(\$)					
													SOME C	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN
LOCAL INTERCONNECTION (CALL TRANSPORT AND TERMINATION)																		
NOTE: "bk" beside a rate indicates that the Parties have agreed to bill and keep for that element pursuant to the terms and conditions in Attachment 3.																		
TANDEM SWITCHING																		
								0.0009778bk										
								0.0009778										
								0.0025										
* This charge is applicable only to transit traffic and is applied in addition to applicable switching and/or interconnection charges.																		
TRUNK CHARGE																		
									21.59	8.09								
									21.59	8.09								
								0.00										
								0.00										
								0.00										
								0.00										
** This rate element is recovered on a per MOU basis and is included in the End Office Switching and Tandem Switching, per MOU rate elements																		
COMMON TRANSPORT (Shared)																		
								0.0000064bk										
								0.0003871bk										
LOCAL INTERCONNECTION (DEDICATED TRANSPORT)																		
INTEROFFICE CHANNEL - DEDICATED TRANSPORT																		
		</																

LOCAL INTERCONNECTION - Tennessee													Attachment: 3 Exh: A				
CATEGORY		RATE ELEMENTS	Interim	Zone	BCS	USOC	RATES(\$)					Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l
							Rec	Nonrecurring First	Add'l	Nonrecurring Disconnect First	Add'l						
		CCS7 Signaling Connection, Per DS3 level link (A link)			UDB	TPP9A	17.84	130.84	130.84				SOMEc	SOMAN	SOMAN	SOMAN	SOMAN
		CCS7 Signaling Connection, Per DS1 level link (B link) (also known as D link)			UDB	TPP6B	17.84	130.84	130.84						20.35	0.00	0.00
		CCS7 Signaling Connection, Per DS3 level link (B link) (also known as D link)			UDB	TPP9B	17.84	130.84	130.84						20.35	0.00	0.00
		CCS7 Signaling Usage, Per ISUP Message					0.0000373bk										
		CCS7 Signaling Usage Surrogate, per link per LATA			UDB	STU56	352.3bk										
		Signaling Point Code, per Originating Point Code Establishment or Change, per STP			UDB	CCAPO		121.77	121.77						20.35	0.00	0.00
		CCS7 Signaling Connection, Switched access service, interface groups, transmissiom paths 6 DS1 level path with bit stream signaling			UDB	TPP6X	17.84	130.84	130.84						20.35	0.00	0.00
		CCS7 Signaling Connection, Switched access service, interface groups, transmissiom paths 9 DS3 level path with bit stream signaling			UDB	TPP9X	17.84	130.84	130.84						20.35	0.00	0.00
Notes: If no rate is identified in the contract, the rates, terms, and conditions for the specific service or function will be as set forth in applicable BellSouth tariff.																	

Attachment 4

Central Office Collocation

**CENTRAL OFFICE COLLOCATION
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EXHIBIT A ENVIRONMENTAL AND SAFETY PRINCIPLES
EXHIBIT B RATES

BELLSOUTH
CENTRAL OFFICE COLLOCATION

1. Scope of Attachment

- 1.1 BellSouth Premises. The rates, terms, and conditions contained within this Attachment shall only apply when <<customer_short_name>> is physically collocated as a sole occupant or as a Host within a BellSouth Premises pursuant to this Attachment. BellSouth Premises, as defined in this Attachment, includes BellSouth Central Offices and Serving Wire Centers (hereinafter “BellSouth Premises”). This Attachment is applicable to BellSouth Premises owned or leased by BellSouth. If the BellSouth Premises occupied by BellSouth is leased by BellSouth from a third party or otherwise controlled by a third party, special considerations and/or intervals may apply in addition to the terms and conditions contained in this Attachment.
- 1.2 Right to Occupy. BellSouth shall offer to <<customer_short_name>> collocation on rates, terms, and conditions that are just, reasonable, non-discriminatory and consistent with the rules of the FCC. Subject to the rates, terms and conditions of this Attachment, where space is available and it is technically feasible, BellSouth will allow <<customer_short_name>> to occupy a certain area designated by BellSouth within a BellSouth Premises, or on BellSouth property upon which the BellSouth Premises is located, of a size which is specified by <<customer_short_name>> and agreed to by BellSouth (hereinafter “Collocation Space”). The necessary rates, terms and conditions for a premises as defined by the FCC, other than BellSouth Premises, shall be negotiated upon reasonable request for collocation at such premises.
- 1.2.1 Neither BellSouth nor any of BellSouth’s affiliates may reserve space for future use on more preferential terms than those set forth in this Attachment.
- 1.2.1.1 In all states other than Florida, the size specified by <<customer_short_name>> may contemplate a request for space sufficient to accommodate <<customer_short_name>>’s growth within a twenty-four (24) month period.
- 1.2.1.2 In the state of Florida, the size specified by <<customer_short_name>> may contemplate a request for space sufficient to accommodate <<customer_short_name>>’s growth within an eighteen (18) month period.
- 1.3 Space Allocation. BellSouth shall assign <<customer_short_name>> Collocation Space that utilizes existing infrastructure (e.g., heating, ventilation, air conditioning (HVAC), lighting and available power), if such space is available for collocation. Otherwise, BellSouth shall attempt to accommodate <<customer_short_name>>’s requested space preferences, if any, including the provision of contiguous space for

any subsequent request for collocation. In allocating Collocation Space, BellSouth shall not materially increase <<customer_short_name>>'s cost or materially delay <<customer_short_name>>'s occupation and use of the Collocation Space, assign Collocation Space that will impair the quality of service or otherwise limit the service <<customer_short_name>> wishes to offer, reduce unreasonably the total space available for physical collocation or preclude reasonable physical collocation within the BellSouth Premises. Space shall not be available for collocation if it is: (a) physically occupied by non-obsolete equipment; (b) assigned to another collocated telecommunications carrier; (c) used to provide physical access to occupied space; (d) used to enable technicians to work on equipment located within occupied space; (e) properly reserved for future use, either by BellSouth or another collocated telecommunications carrier; or (f) essential for the administration and proper functioning of the BellSouth Premises. BellSouth may segregate Collocation Space and require separate entrances for collocated telecommunications carriers to access their Collocation Space, pursuant to FCC Rules.

- 1.4 Transfer of Collocation Space. <<customer_short_name>> shall be allowed to transfer Collocation Space to another CLEC under the following conditions: (1) the central office is not at or near space exhaustion; (2) the transfer of space shall be contingent upon BellSouth's approval, which will not be unreasonably withheld; (3) <<customer_short_name>> has no unpaid, undisputed collocation charges; and (4) the transfer of the Collocation Space is in conjunction with <<customer_short_name>>'s sale of all, or substantially all, of the in-place collocation equipment to the same CLEC.
- 1.4.1 The responsibilities of <<customer_short_name>> shall include: (1) submitting a letter of authorization to BellSouth for the transfer; (2) entering into a transfer agreement with BellSouth and the acquiring CLEC; and (3) returning all Security Access Devices to BellSouth. The responsibilities of the acquiring CLEC shall include: (1) submitting an application to BellSouth for the transfer of the Collocation Space; (2) satisfying all requirements of its interconnection agreement with BellSouth; (3) submitting a letter to BellSouth for the assumption of services; and (4) entering into a transfer agreement with BellSouth and <<customer_short_name>>.
- 1.4.2 In conjunction with a transfer of Collocation Space, any services associated with the Collocation Space shall be transferred pursuant to separately negotiated rates, terms and conditions.
- 1.5 Space Reclamation. In the event of space exhaust within a BellSouth Premises, BellSouth may include in its documentation for the Petition for Waiver filed with the Commission, any unutilized space in the BellSouth Premises. <<customer_short_name>> will be responsible for the justification of unutilized space within its Collocation Space, if the Commission requires such justification.

- 1.5.1 BellSouth may reclaim unused Collocation Space when a BellSouth central office is at, or near, space exhaustion and <<customer_short_name>> cannot demonstrate that <<customer_short_name>> will utilize the Collocation Space within a reasonable time. In the event of space exhaust or near exhaust within a BellSouth Premises, BellSouth will provide written notice to <<customer_short_name>> requesting that <<customer_short_name>> release non-utilized Collocation Space to BellSouth, when 100 percent of the Collocation Space in <<customer_short_name>>'s collocation arrangement is not being utilized.

Within twenty (20) days of receipt of written notification from BellSouth, <<customer_short_name>> shall either: (1) return the non-utilized Collocation Space to BellSouth, in which case <<customer_short_name>> shall be relieved of all obligations for charges associated with that portion of the Collocation Space applicable from the date the Collocation Space is returned to BellSouth; or (2) for all states, with the exception of Florida, provide BellSouth with information demonstrating that the Collocation Space will be utilized within twenty-four (24) months from the date <<customer_short_name>> accepted the Collocation Space (Acceptance Date) from BellSouth. For Florida, <<customer_short_name>> shall provide information to BellSouth demonstrating that the Collocation Space will be utilized within eighteen (18) months from the Acceptance Date.

Disputes concerning BellSouth's claim of central office space exhaust, or near exhaust, or <<customer_short_name>>'s refusal to return requested Collocation Space should be resolved by BellSouth and <<customer_short_name>> pursuant to the Dispute Resolution language contained in this Agreement.

- 1.6 Use of Space. <<customer_short_name>> shall use the Collocation Space for the purpose of installing, maintaining and operating <<customer_short_name>>'s equipment (which may include testing and monitoring equipment) necessary for interconnection with BellSouth's services/facilities or for accessing BellSouth's unbundled network elements for the provision of telecommunications services, as specifically set forth in this Agreement. The Collocation Space assigned to <<customer_short_name>> may not be used for any purposes other than as specifically described herein or in any amendment hereto.
- 1.7 Rates and Charges. <<customer_short_name>> agrees to pay the rates and charges identified in Exhibit B attached hereto.
- 1.8 Due Dates. If any due date contained in this Attachment falls on a weekend or a national holiday, then the due date will be the next business day thereafter. For intervals of ten (10) days or less, national holidays will be excluded. For purposes of this Attachment, national holidays include the following: New Year's Day, Martin Luther King, Jr. Day, President's Day (Washington's Birthday), Memorial Day, Independence Day, Labor Day, Columbus Day, Veteran's Day, Thanksgiving Day, and Christmas Day.

1.9 Compliance. Subject to Section 24 of the General Terms and Conditions of this Agreement, the Parties agree to comply with all applicable federal, state, county, local and administrative laws, rules, ordinances, regulations and codes in the performance of their obligations hereunder.

2. Optional Space Availability Report

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

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

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

3. Collocation Options

3.1 Cageless Collocation. BellSouth shall allow <<customer_short_name>> to collocate <<customer_short_name>>'s equipment and facilities without requiring the construction of a cage or similar structure. BellSouth shall allow <<customer_short_name>> to have direct access to <<customer_short_name>>'s equipment and facilities in accordance with Section 5.12. BellSouth shall make cageless collocation available in single bay increments. Except where

<<customer_short_name>>'s equipment requires special technical considerations (e.g., special cable racking or isolated ground plane), BellSouth shall assign cageless Collocation Space in conventional equipment rack lineups where feasible. For equipment requiring special technical considerations, <<customer_short_name>> must provide the equipment layout, including spatial dimensions for such equipment pursuant to generic requirements contained in Telcordia GR-63-Core, and shall be responsible for compliance with all special technical requirements associated with such equipment.

- 3.2 Caged Collocation. BellSouth will make caged Collocation Space available in fifty (50) square foot increments. At <<customer_short_name>>'s option and expense, <<customer_short_name>> will arrange with a Supplier certified by BellSouth (BellSouth Certified Supplier) to construct a collocation arrangement enclosure in accordance with BellSouth's specifications for a wire mesh enclosure prior to starting equipment installation. Where local building codes require enclosure specifications more stringent than BellSouth's wire mesh enclosure specifications, <<customer_short_name>> and <<customer_short_name>>'s BellSouth Certified Supplier must comply with the more stringent local building code requirements. <<customer_short_name>>'s BellSouth Certified Supplier shall be responsible for filing and obtaining any and all necessary permits and/or licenses for such construction. BellSouth or BellSouth's designated agent or contractor shall provide, at <<customer_short_name>>'s expense, documentation, which may include existing building architectural drawings, enclosure drawings, specifications, etc., necessary for <<customer_short_name>>'s BellSouth Certified Supplier to obtain all necessary permits and/or other licenses. <<customer_short_name>>'s BellSouth Certified Supplier shall bill <<customer_short_name>> directly for all work performed for <<customer_short_name>>. BellSouth shall have no liability for, nor responsibility to pay, such charges imposed by <<customer_short_name>>'s BellSouth Certified Supplier. <<customer_short_name>> must provide the local BellSouth Central Office Building Contact with two (2) Access Keys that will allow entry into the locked enclosure. Except in the case of an emergency, BellSouth will not access <<customer_short_name>>'s locked enclosure prior to notifying <<customer_short_name>> at least forty-eight (48) hours or two (2) business days, whichever is greater, before access to <<customer_short_name>>'s Collocation Space is required. Upon request, BellSouth shall construct the enclosure for <<customer_short_name>>.

- 3.2.1 In the event <<customer_short_name>>'s BellSouth Certified Supplier will construct the collocation arrangement enclosure, BellSouth may elect to review <<customer_short_name>>'s plans and specifications, prior to allowing the construction to start, to ensure compliance with BellSouth's wire mesh enclosure specifications. BellSouth will notify <<customer_short_name>> of its desire to conduct this review in BellSouth's Application Response, as defined herein, to <<customer_short_name>>'s Initial Application. If <<customer_short_name>>'s Initial Application does not indicate its desire to construct its own enclosure and

<<customer_short_name>> subsequently decides to construct its own enclosure prior to BellSouth's Application Response, then <<customer_short_name>> will resubmit its Initial Application, indicating its desire to construct its own enclosure. If <<customer_short_name>> subsequently decides to construct its own enclosure after the bona fide firm order (hereinafter "BFFO") has been accepted by BellSouth, <<customer_short_name>> will submit a Subsequent Application, as defined in Section 6.2 of this Attachment. If BellSouth elects to review <<customer_short_name>>'s plans and specifications, then BellSouth will provide notification to <<customer_short_name>> within ten (10) days after the Initial Application BFFO date or, if a Subsequent Application is submitted as set forth in the preceding sentence, then the Subsequent Application BFFO date. BellSouth shall complete its review within fifteen (15) days after BellSouth's receipt of <<customer_short_name>>'s plans and specifications. Regardless of whether or not BellSouth elects to review <<customer_short_name>>'s plans and specifications, BellSouth reserves the right to inspect the enclosure after construction has been completed to ensure that it is constructed according to <<customer_short_name>>'s submitted plans and specifications and/or BellSouth's wire mesh enclosure specifications, as applicable. If BellSouth decides to inspect the constructed Collocation Space, BellSouth will complete its inspection within fifteen (15) days after receipt of <<customer_short_name>>'s written notification that the enclosure has been completed. Within seven (7) days after BellSouth has completed its inspection of <<customer_short_name>>'s caged Collocation Space BellSouth shall require <<customer_short_name>>, at <<customer_short_name>>'s expense, to remove or correct any structure that does not meet <<customer_short_name>>'s plans and specifications or BellSouth's wire mesh enclosure specifications, as applicable.

- 3.3 Shared Caged Collocation. <<customer_short_name>> may allow other telecommunications carriers to share <<customer_short_name>>'s caged Collocation Space, pursuant to the terms and conditions agreed to by <<customer_short_name>> (Host) and the other telecommunications carriers (Guests) contained in this Section, except where the BellSouth Premises is located within a leased space and BellSouth is prohibited by said lease from offering such an option to <<customer_short_name>>. BellSouth shall be notified in writing by <<customer_short_name>> upon the execution of any agreement between the Host and its Guest(s) prior to the submission of an application. Further, such notification shall include the name of the Guest(s), the term of the agreement, and a certification by <<customer_short_name>> that said agreement imposes upon the Guest(s) the same terms and conditions for Collocation Space as set forth in this Attachment between BellSouth and <<customer_short_name>>. The term of the agreement between the Host and its Guest(s) shall not exceed the term of this Agreement between BellSouth and <<customer_short_name>>.

- 3.3.1 <<customer_short_name>>, as the Host, shall be the sole interface and responsible Party to BellSouth for the assessment and billing of rates and charges contained

- within this Attachment and for the purposes of ensuring that the safety and security requirements of this Attachment are fully complied with by the Guest(s), its employees and agents. BellSouth shall provide <<customer_short_name>> with a pro-ration of the costs of the Collocation Space based on the number of collocators and the space used by each. There will be a minimum charge of one (1) bay/rack per Host/Guest. In addition to the above, for all states other than Florida, <<customer_short_name>> shall be the responsible Party to BellSouth for the purpose of submitting applications for initial and additional equipment placement for the Guest(s). In Florida, the Guest(s) may submit its own Initial Application and Subsequent Applications for equipment placement using the Host's Access Carrier Name Abbreviation (ACNA). A separate Guest application shall result in the assessment of an Initial Application Fee or a Subsequent Application Fee, as set forth in Exhibit B, which will be billed to the Host on the date that BellSouth provides its written Application Response to the Guest(s) Bona Fide application.
- 3.3.2 Notwithstanding the foregoing, the Guest(s) may submit service orders directly to BellSouth to request the provisioning of interconnecting facilities between BellSouth and the Guest(s), the provisioning of services, and/or access to Network Elements. The bill for these interconnecting facilities, services and Network Elements will be charged to the Guest(s) pursuant to the applicable BellSouth Tariff or the Guest's Interconnection Agreement with BellSouth.
- 3.3.3 <<customer_short_name>> shall indemnify and hold harmless BellSouth from any and all claims, actions, causes of action, of whatever kind or nature arising out of the presence of <<customer_short_name>>'s Guest(s) in the Collocation Space, except to the extent caused by BellSouth's sole negligence, gross negligence, or willful misconduct.
- 3.4 Adjacent Collocation. Subject to technical feasibility and space availability, BellSouth will permit an adjacent collocation arrangement (Adjacent Arrangement) on BellSouth Premises' property only when space within the requested BellSouth Premises is legitimately exhausted and where the Adjacent Arrangement does not interfere with access to existing or planned structures or facilities on the BellSouth Premises' property. An Adjacent Arrangement shall be constructed or procured by <<customer_short_name>> or <<customer_short_name>>'s BellSouth Certified Supplier and must be in conformance with the provisions of BellSouth's design and construction specifications. Further, <<customer_short_name>> shall construct, procure, maintain and operate said Adjacent Arrangement pursuant to all of the applicable rates, terms and conditions set forth in this Attachment.
- 3.4.1 If <<customer_short_name>> requests Adjacent Collocation, pursuant to the conditions stated in 3.4 above, <<customer_short_name>> must arrange with a BellSouth Certified Supplier to construct or procure the Adjacent Arrangement structure in accordance with BellSouth's specifications. BellSouth will provide the appropriate specifications upon request. Where local building codes require

- specifications more stringent than BellSouth's own specifications, <<customer_short_name>> and <<customer_short_name>>'s BellSouth Certified Supplier shall comply with the more stringent local building code requirements. <<customer_short_name>>'s BellSouth Certified Supplier shall be responsible for filing and obtaining any and all necessary zoning, permits and/or licenses for such construction. <<customer_short_name>>'s BellSouth Certified Supplier shall bill <<customer_short_name>> directly for all work performed for <<customer_short_name>> to comply with this Attachment. BellSouth shall have no liability for, nor responsibility to pay, such charges imposed by <<customer_short_name>>'s BellSouth Certified Supplier. <<customer_short_name>> must provide the local BellSouth Central Office Building Contact with two (2) cards, keys or other access devices used to gain entry into the locked enclosure. Except in the case of an emergency, BellSouth will not access <<customer_short_name>>'s locked enclosure prior to notifying <<customer_short_name>> at least forty-eight (48) hours or two (2) business days, whichever is greater, before access to the Collocation Space is required.
- 3.4.2 <<customer_short_name>> must submit its Adjacent Arrangement construction plans and specifications to BellSouth when it places its Firm Order. BellSouth shall review <<customer_short_name>>'s plans and specifications prior to the construction of an Adjacent Arrangement to ensure <<customer_short_name>>'s compliance with BellSouth's specifications. BellSouth shall complete its review within fifteen (15) days after receipt of the plans and specifications from <<customer_short_name>> for the Adjacent Arrangement. BellSouth may inspect the Adjacent Arrangement during and after construction is completed to ensure that it is constructed according to <<customer_short_name>>'s submitted plans and specifications. If BellSouth decides to inspect the completed Adjacent Arrangement, BellSouth will complete its inspection within fifteen (15) days after receipt of <<customer_short_name>>'s written notification that the Adjacent Arrangement has been completed. Within seven (7) days after BellSouth has completed its inspection of <<customer_short_name>>'s Adjacent Arrangement, BellSouth shall require <<customer_short_name>>, at <<customer_short_name>>'s expense, to remove or correct any structure that does not meet its submitted plans and specifications or BellSouth's specifications, as applicable.
- 3.4.3 <<customer_short_name>> shall provide a concrete pad, the structure housing the Adjacent Arrangement, HVAC, lighting, and all of the facilities that are required to connect the structure (i.e., racking, conduits, etc.) to the BellSouth point of demarcation. At <<customer_short_name>>'s option, and where the local authority having jurisdiction permits, BellSouth shall provide an AC power source and access to physical Collocation services and facilities, subject to the same nondiscriminatory requirements as those applicable to any other physical Collocation arrangement. In Alabama and Louisiana, at <<customer_short_name>>'s request and expense, BellSouth will provide DC power to an Adjacent Collocation site where technically feasible, as that term has been defined by the FCC, and in accordance with applicable

law. BellSouth will provide DC power in an Adjacent Arrangement provided that such provisioning can be done in compliance with the National Electric Code (NEC), all safety and building codes, and any local codes, such as, but not limited to, local zoning codes, and upon completion of negotiations between the Parties on the applicable rates and provisioning intervals. <<customer_short_name>> will pay for any and all DC power construction and provisioning costs to an Adjacent Arrangement through individual case basis (ICB) pricing that must be paid as follows: fifty percent (50%) before the DC installation work begins and fifty percent (50%) at completion of the DC installation work to the Adjacent Arrangement. <<customer_short_name>>'s BellSouth Certified Supplier shall be responsible, at <<customer_short_name>>'s sole expense, for filing the required documentation to obtain any and all necessary permits and/or licenses for an Adjacent Arrangement. BellSouth shall allow Shared Caged Collocation within an Adjacent Arrangement, pursuant to the terms and conditions set forth in Section 3.3 above.

- 3.5 Direct Connect. BellSouth will permit <<customer_short_name>> to directly interconnect between its own physical/virtual Collocation Spaces within the same BellSouth central office (Direct Connect). <<customer_short_name>> shall contract with a BellSouth Certified Supplier to place the Direct Connect, which shall be provisioned using facilities owned by <<customer_short_name>>. A Direct Connect shall utilize BellSouth common cable support structure. There will be a recurring charge per linear foot, per cable, of the actual common cable support structure used by <<customer_short_name>> to provision the Direct Connect between its physical/virtual Collocation Spaces. In those instances where <<customer_short_name>>'s physical/virtual Collocation Spaces are contiguous in the central office, <<customer_short_name>> will have the option of using <<customer_short_name>>'s own technicians to deploy the Direct Connect using either electrical or optical facilities between its Collocation Spaces by constructing its own dedicated cable support structure. <<customer_short_name>> will deploy such electrical or optical connections directly between its own equipment without being routed through BellSouth's equipment or common cable support structure. <<customer_short_name>> may not self-provision a Direct Connect on any BellSouth distribution frame, POT (Point of Termination) Bay, DSX (Digital System Cross-Connect) panel or LGX (Light Guide Cross-Connect) panel. <<customer_short_name>> is solely responsible for ensuring the integrity of the signal.

- 3.5.1 To place an order for a Direct Connect, <<customer_short_name>> must submit an Initial Application or Subsequent Application to BellSouth. If no modification to the Collocation Space is requested other than the placement of a Direct Connect, the Co-Carrier Cross Connect/Direct Connect Application Fee for Direct Connect, as defined in Exhibit B, will apply. If other modifications are requested, in addition to the placement of a Direct Connect, either an Initial Application Fee or a Subsequent Application Fee will apply, pursuant to Section 6.2 of this Attachment. BellSouth

will bill this nonrecurring charge on the date that BellSouth provides an Application Response to <<customer_short_name>>.

- 3.6 Co-Carrier Cross Connect. A Co-Carrier Cross Connect (CCXC) is a cross connection between <<customer_short_name>> and another collocated telecommunications carrier, other than BellSouth, in the same BellSouth Premises. Where technically feasible, BellSouth will permit <<customer_short_name>> to interconnect between its Collocation Space(s) and the physical/virtual collocation space(s) of another collocated telecommunications carrier(s) within the same BellSouth Premises via a CCXC, pursuant to the FCC's Rules. The other collocated telecommunications carrier's agreement must also contain CCXC rates, terms and conditions before BellSouth will permit the provisioning of a CCXC between the two collocated carriers. The applicable BellSouth charges will be assessed to <<customer_short_name>> upon <<customer_short_name>>'s request for the CCXC. <<customer_short_name>> is prohibited from using the Collocation Space for the sole or primary purpose of cross-connecting to other collocated telecommunications carriers.
- 3.6.1 <<customer_short_name>> must contract with a BellSouth Certified Supplier to place the CCXC. The CCXC shall be provisioned using facilities owned by <<customer_short_name>>. Such cross-connections to other collocated telecommunications carriers may be made using either electrical or optical facilities. <<customer_short_name>> shall be responsible for providing a letter of authorization (LOA), with the application, to BellSouth from the other collocated telecommunications carrier to which it will be cross-connecting. The CCXC shall utilize BellSouth common cable support structure. There will be a recurring charge per linear foot, per cable, of the common cable support structure used by <<customer_short_name>> to provision the CCXC to the other collocated telecommunications carrier. In those instances where <<customer_short_name>>'s equipment and the equipment of the other collocated telecommunications carrier are located in contiguous caged Collocation Space, <<customer_short_name>> may use its own technicians to install the CCXC using either electrical or optical facilities between the equipment of both collocated telecommunications carriers by constructing a dedicated cable support structure between the two contiguous cages. <<customer_short_name>> shall deploy such electrical or optical cross-connections directly between its own equipment and the equipment of the other collocated telecommunications carrier without being routed through BellSouth's equipment or, in the case of a CCXC provisioned between contiguous collocation spaces, common cable support structure. <<customer_short_name>> shall not provision CCXC on any BellSouth distribution frame, POT Bay, DSX panel or LGX panel. <<customer_short_name>> is solely responsible for ensuring the integrity of the signal.
- 3.6.2 To place an order for a CCXC, <<customer_short_name>> must submit an application to BellSouth. If no modification to the Collocation Space is requested

other than the placement of a CCXC, the Co-Carrier Cross Connect/Direct Connect Application Fee for a CCXC, as defined in Exhibit B, will apply. If other modifications are requested, in addition to the placement of a CCXC, either an Initial Application or a Subsequent Application Fee will apply, pursuant to Section 6.2 of this Attachment. BellSouth will bill this nonrecurring charge on the date that it provides an Application Response to <<customer_short_name>>.

4. Occupancy

- 4.1 Space Ready Notification. BellSouth will notify <<customer_short_name>> in writing when the Collocation Space is ready for occupancy (Space Ready Date).
- 4.2 Acceptance Walk Through. <<customer_short_name>> will schedule and complete an acceptance walkthrough of new or additional provisioned Collocation Space with BellSouth within fifteen (15) days after the Space Ready Date. BellSouth will correct any identified deviations from <<customer_short_name>>'s original or jointly amended application within seven (7) days after the walkthrough, unless the Parties mutually agree upon a different time frame. BellSouth will then establish a new Space Ready Date. Another acceptance walkthrough will be scheduled and conducted within fifteen (15) days after the new Space Ready Date. This follow-up acceptance walkthrough will be limited to only those deviations identified in the initial walkthrough. If <<customer_short_name>> completes its acceptance walkthrough within the fifteen (15) day interval associated with the applicable Space Ready Date, billing will begin upon the date of <<customer_short_name>>'s acceptance of the Collocation Space (Space Acceptance Date). In the event <<customer_short_name>> fails to complete an acceptance walkthrough within the fifteen (15) day interval associated with the applicable Space Ready Date, the Collocation Space shall be deemed accepted by <<customer_short_name>> on the Space Ready Date and billing will commence from that date.
- 4.3 Early Space Acceptance. If <<customer_short_name>> decides to occupy the Collocation Space prior to the Space Ready Date, the date <<customer_short_name>> occupies the space is deemed the Space Acceptance Date and billing will begin from that date. <<customer_short_name>> must notify BellSouth in writing that its collocation equipment installation is complete. <<customer_short_name>>'s collocation equipment installation is complete, which is when <<customer_short_name>>'s equipment has been cross-connected to BellSouth's network for the purpose of provisioning telecommunication services to <<customer_short_name>>'s customers. BellSouth may, at its discretion, refuse to accept any orders for cross-connects until it has received such notice from <<customer_short_name>>.
- 4.4 Termination of Occupancy. In addition to any other provisions addressing termination of occupancy in this Agreement, <<customer_short_name>> may terminate its occupancy of a particular Collocation Space by submitting a Subsequent

Application requesting termination of occupancy for such Collocation Space. Such termination shall be effective upon BellSouth's acceptance of the Space Relinquishment Form. Billing for monthly recurring charges will cease on the date that <<customer_short_name>> and BellSouth conduct an inspection of the terminated space and jointly sign off on the Space Relinquishment Form or on the date that <<customer_short_name>> signs off on the Space Relinquishment Form and sends this form to BellSouth, provided no discrepancies are found during BellSouth's subsequent inspection of the terminated space. If the subsequent inspection by BellSouth reveals any discrepancies, billing will cease on the date that BellSouth and <<customer_short_name>> jointly conduct an inspection, confirming that <<customer_short_name>> has corrected all of the noted discrepancies identified by BellSouth. A Subsequent Application Fee will not apply for the termination of occupancy; however, specific disconnect fees may apply to the services terminating to such Collocation Space. The particular disconnect fees that would apply in each state are contained in Exhibit B of this Attachment. BellSouth may terminate <<customer_short_name>>'s right to occupy Collocation Space in the event <<customer_short_name>> fails to comply with any provision of this Agreement, including payment of the applicable fees contained in Exhibit B of this Attachment, for such Collocation Space.

- 4.4.1 Upon termination of occupancy, <<customer_short_name>>, at its sole expense, shall remove its equipment and any other property owned, leased or controlled by <<customer_short_name>> from the Collocation Space. <<customer_short_name>> shall have thirty (30) days from the BFFO date ("Termination Date") to complete such removal, including the removal of all equipment and facilities of <<customer_short_name>>'s Guest(s), unless <<customer_short_name>>'s Guest(s) has assumed responsibility for the Collocation Space housing the Guest(s)'s equipment and executed the appropriate documentation required by BellSouth to transfer the Collocation Space to the Guest(s) prior to <<customer_short_name>>'s Termination Date.
- 4.4.2 <<customer_short_name>> shall continue the payment of all monthly recurring charges to BellSouth until the date <<customer_short_name>>, and if applicable <<customer_short_name>>'s Guest(s), has fully vacated the Collocation Space and the Space Relinquishment Form has been accepted by BellSouth. If <<customer_short_name>> or <<customer_short_name>>'s Guest(s) fails to vacate the Collocation Space within thirty (30) days from the Termination Date BellSouth shall have the right to remove and dispose of the equipment and any other property of <<customer_short_name>> or <<customer_short_name>>'s Guest(s), in any manner that BellSouth deems fit, at <<customer_short_name>>'s expense and with no liability whatsoever for <<customer_short_name>>'s property or <<customer_short_name>>'s Guest(s)'s property.
- 4.4.3 Upon termination of <<customer_short_name>>'s right to occupy specific Collocation Space, the Collocation Space will revert back to BellSouth's central

office space inventory. <<customer_short_name>> shall surrender the Collocation Space to BellSouth in the same condition as when it was first occupied by <<customer_short_name>>, with the exception of ordinary wear and tear, unless otherwise agreed to by the Parties. <<customer_short_name>>'s BellSouth Certified Supplier shall be responsible for updating and making any necessary changes to BellSouth's records as required by BellSouth specifications including, but not limited to, BellSouth's Central Office Record Drawings and ERMA Records. <<customer_short_name>> shall be responsible for the cost of removing any <<customer_short_name>> constructed enclosure, as well as any supporting structures (e.g., racking, conduits, power cables, etc.), by the Termination Date and restoring the grounds to their original condition.

5. **Use of Collocation Space**

- 5.1 **Equipment Type.** BellSouth shall permit the collocation and use of any equipment necessary for interconnection to BellSouth's network and/or access to BellSouth's unbundled network elements in the provision of telecommunications services, as the term "necessary" is defined by FCC 47 C.F.R. Section 51.323 (b). The primary purpose and function of any equipment collocated in a BellSouth Premises must be for interconnection to BellSouth's network or access to BellSouth's unbundled network elements in the provision of telecommunications services. Equipment is necessary for interconnection if an inability to deploy that equipment would, as a practical, economical, or operational matter, preclude the requesting carrier from obtaining interconnection with BellSouth at a level equal in quality to that which BellSouth obtains within its own network or what BellSouth provides to any affiliate, subsidiary, or other party.
- 5.1.2 Examples of equipment that would not be considered necessary include, but are not limited to: traditional circuit switching equipment, equipment used exclusively for call-related databases, computer servers used exclusively for providing information services, operations support system (OSS) equipment used to support collocated telecommunications carrier network operations, equipment that generates customer orders, manages trouble tickets or inventory, or stores customer records in centralized databases, etc. BellSouth will determine upon receipt of an application if the requested equipment is necessary based on the criteria established by the FCC. Multifunctional equipment placed on a BellSouth Premises must not place any greater relative burden on BellSouth's property than comparable single-function equipment. BellSouth reserves the right to allow the collocation of any equipment on a nondiscriminatory basis.
- 5.1.3 Such equipment must, at a minimum, meet the following Telcordia Network Equipment Building Systems (NEBS) General Equipment Requirements: Criteria Level 1 requirements as outlined in Telcordia Special Report SR-3580, Issue 1. Except where otherwise required by a Commission, BellSouth shall comply with the

applicable FCC rules relating to denial of collocation equipment based on <<customer_short_name>>'s failure to comply with this Section.

- 5.2 Terminations. <<customer_short_name>> shall not request more DS0, DS1, DS3 and/or optical terminations for a collocation arrangement than the total port or termination capacity of the equipment physically installed in the Collocation Space. The total capacity of the equipment collocated in the Collocation Space will include equipment contained in an application, as well as any equipment already placed in the Collocation Space. If full network termination capacity of the equipment being installed is not requested in the application submitted by <<customer_short_name>>, additional network terminations for the installed equipment will require the submission of a Subsequent Application. In the event <<customer_short_name>> submits an application for terminations that will exceed the total capacity of the collocated equipment, <<customer_short_name>> will be informed of the discrepancy by BellSouth and required to submit a revision to the application.
- 5.3 Security Interest in Equipment. Commencing with the most current calendar quarter after the effective date of this Attachment, and thereafter with respect to each subsequent calendar quarter during the term of this Agreement, <<customer_short_name>> will, no later than thirty (30) days after the close of such calendar quarter, provide a report to ICS Collocation Product Management, Room 34A55, 675 W. Peachtree Street, Atlanta, Georgia 30375, listing any equipment in the Collocation Space (i) that was added during the calendar quarter to which such report pertains, and (ii) for which there is a UCC-1 lien holder or another entity that has a secured financial interest in such equipment (Secured Equipment). If no Secured Equipment has been installed within a given calendar quarter, no report shall be due hereunder in connection with such calendar quarter.
- 5.4 No Marketing. <<customer_short_name>> shall not use the Collocation Space for marketing purposes, nor shall it place any identifying signs or markings outside the Collocation Space or on the grounds of the BellSouth Premises.
- 5.5 Equipment Identification. <<customer_short_name>> shall place a plaque or affix other identification (e.g., stenciling or labeling) to each piece of <<customer_short_name>>'s equipment, including the appropriate emergency contacts with their corresponding telephone numbers, in order for BellSouth to properly identify <<customer_short_name>>'s equipment in the case of an emergency. For caged Collocation Space, such identification must be placed on a plaque affixed to the outside of the caged enclosure.
- 5.6 Entrance Facilities. <<customer_short_name>> may elect to place <<customer_short_name>>-owned or <<customer_short_name>> leased fiber entrance facilities into its Collocation Space. BellSouth will designate the point of interconnection in close proximity to the BellSouth Premises housing the Collocation Space, such as at an entrance manhole or a cable vault, which are physically

accessible by both Parties. <<customer_short_name>> will provide and place fiber cable in the entrance manhole of sufficient length to be pulled through conduit and into the splice location. <<customer_short_name>> will provide and install a sufficient length of fire retardant riser cable, to which BellSouth will splice the entrance cable. The fire retardant riser cable will extend from the splice location to <<customer_short_name>>'s equipment in <<customer_short_name>>'s Collocation Space. In the event <<customer_short_name>> utilizes a non-metallic, riser-type entrance facility, a splice will not be required. <<customer_short_name>> must contact BellSouth for authorization and instruction prior to placing any entrance facility cable in an entrance manhole or cable vault. <<customer_short_name>> is responsible for the maintenance of the entrance facilities.

- 5.6.1 Microwave Transmission Facilities. At <<customer_short_name>>'s request, BellSouth will accommodate, where technically feasible and space is available, a microwave entrance facility, pursuant to separately negotiated rates, terms and conditions.
- 5.6.2 Copper and Coaxial Cable Entrance Facilities. In Florida, Georgia and Tennessee, BellSouth shall permit <<customer_short_name>> to use copper or coaxial cable entrance facilities, if approved by the Commission, but only in those rare instances where <<customer_short_name>>demonstrates a necessity and entrance capacity is not at or near exhaust in a particular BellSouth Premises in which <<customer_short_name>>'s Collocation Space is located. Notwithstanding the foregoing, in the case of adjacent collocation, copper facilities may be used between the adjacent collocation arrangement and the central office demarcation point, unless BellSouth determines that limited space is available for the placement of these entrance facilities.
- 5.7 Dual Entrance Facilities. BellSouth will provide at least two interconnection points at each BellSouth Premises where at least two such interconnection points are available and capacity exists. Upon receipt of a request by <<customer_short_name>> for dual entrance facilities to its physical Collocation Space, BellSouth shall provide <<customer_short_name>> with information regarding BellSouth's capacity to accommodate the requested dual entrance facilities. If conduit in the serving manhole(s) is available and is not reserved for another purpose or for utilization within twelve (12) months of the receipt of an application for collocation, BellSouth will make the requested conduit space available for the installation of a second entrance facility to <<customer_short_name>>'s Collocation Space. The location of the serving manhole(s) will be determined at the sole discretion of BellSouth. Where dual entrance facilities are not available due to a lack of capacity, BellSouth will provide this information to <<customer_short_name>> in the Application Response.
- 5.8 Shared Use. <<customer_short_name>> may utilize spare capacity on an existing telecommunications carrier's entrance facility for the purpose of obtaining an

- entrance facility to <<customer_short_name>>'s Collocation Space within the same BellSouth Premises.
- 5.8.1 BellSouth shall allow the splice, as long as the fiber is non-working dark fiber. <<customer_short_name>> must arrange with BellSouth in accordance with BellSouth's Special Construction Procedures, RL93-11-030BT, and provide a LOA from the other telecommunications carrier authorizing BellSouth to perform the splice of the <<customer_short_name>>-provided riser cable to the spare capacity on the other telecommunications carrier's entrance facility. If <<customer_short_name>> desires to allow another telecommunications carrier to use its entrance facilities, the telecommunications carrier must arrange with BellSouth in accordance with BellSouth's Special Construction Procedures, RL93-11-030BT, and provide a LOA from <<customer_short_name>> authorizing BellSouth to perform the splice of the telecommunications carrier's provided riser cable to the spare capacity on <<customer_short_name>>'s entrance facility.
- 5.9 Demarcation Point. BellSouth will designate the point(s) of demarcation between <<customer_short_name>>'s equipment and/or network facilities and BellSouth's network facilities. Each Party will be responsible for the maintenance and operation of all equipment/facilities on its side of the demarcation point. <<customer_short_name>> shall be responsible for providing the necessary cabling and <<customer_short_name>>'s BellSouth Certified Supplier shall be responsible for installing and properly labeling/stenciling the common block and any necessary cabling identified in Section 7 of this Attachment. <<customer_short_name>> or its agent must perform all required maintenance to the equipment/facilities on its side of the demarcation point, pursuant to Section 5.10, following, and may self-provision cross-connects that may be required within its own Collocation Space to activate service requests.
- 5.9.1 In Tennessee, BellSouth will designate the point(s) of demarcation between <<customer_short_name>>'s equipment and/or network facilities and BellSouth's network facilities. Each Party will be responsible for the maintenance and operation of all equipment/facilities on its side of the demarcation point. For connections to BellSouth's network, <<customer_short_name>> may request that the demarcation point be a Point of Termination (POT) bay in a common area within the BellSouth Premises, which <<customer_short_name>> shall be responsible for providing and <<customer_short_name>>'s BellSouth Certified Supplier shall be responsible for installing and properly labeling/stenciling. <<customer_short_name>>'s BellSouth Certified Supplier shall also be responsible for installing the necessary cabling between <<customer_short_name>>'s Collocation Space and the POT bay. <<customer_short_name>>, its agent, or <<customer_short_name>>'s BellSouth Certified Supplier must perform all required maintenance to the equipment/network facilities on its side of the demarcation point and may self-provision cross-connects that it requires within its own Collocation Space to activate service requests. If <<customer_short_name>> desires to avoid the use of a POT bay or any other

intermediary device as contemplated by the Tennessee Regulatory Authority, BellSouth shall negotiate alternative rates, terms and conditions for such requested demarcation point.

- 5.10 Equipment and Facilities. <<customer_short_name>>, or if required by this Attachment, <<customer_short_name>>'s BellSouth Certified Supplier, is solely responsible for the design, engineering, installation, testing, provisioning, performance, monitoring, and maintenance/repair of the equipment and network facilities used by <<customer_short_name>>, which must be performed in compliance with all applicable BellSouth specifications. Such equipment and network facilities may include, but are not limited to, cable(s), equipment, and point of termination connections. <<customer_short_name>> and its designated BellSouth Certified Supplier must follow and comply with all BellSouth specifications outlined in the following BellSouth Technical Requirements: TR 73503, TR 73519, TR 73572, and TR 73564.
- 5.11 BellSouth's Access to Collocation Space. From time to time, BellSouth may require access to <<customer_short_name>>'s Collocation Space. BellSouth retains the right to access <<customer_short_name>>'s Collocation Space for the purpose of making BellSouth equipment and building modifications (e.g., installing, altering or removing racking, ducts, electrical wiring, HVAC, and cabling). In such cases, BellSouth will give notice to <<customer_short_name>> at least forty-eight (48) hours before access to <<customer_short_name>>'s Collocation Space is required. <<customer_short_name>> may elect to be present whenever BellSouth performs work in the <<customer_short_name>>'s Collocation Space. The Parties agree that <<customer_short_name>> will not bear any of the expense associated with this type of work.
- 5.11.1 In the case of an emergency, BellSouth will provide oral notice of entry as soon as possible and, upon request, will provide subsequent written notice.
- 5.11.2 <<customer_short_name>> must provide the local BellSouth Central Office Building Contact with two (2) Access Devices that will allow BellSouth entry into any enclosed and locked Collocation Space including, but not limited to, an Adjacent Arrangement, pursuant to the requirements contained in this Section.
- 5.12 <<customer_short_name>>'s Access. Pursuant to Section 12, <<customer_short_name>> shall have access to its Collocation Space twenty-four (24) hours a day, seven (7) days a week. <<customer_short_name>> agrees to provide the name and social security number, date of birth, or driver's license number of each employee, supplier, or agent of <<customer_short_name>> or <<customer_short_name>>'s Guest(s) with <<customer_short_name>>'s written request for access keys or cards (Access Devices) for specific BellSouth Premises, prior to the issuance of said Access Devices, using Form RF-2906-C, the "CLEC and CLEC Certified Supplier Access Request and Acknowledgement" form. The

appropriate key acknowledgement forms (the “Collocation Acknowledgement Sheet” for access cards and the “Key Acknowledgement Form” for keys) must be signed by <<customer_short_name>> and returned to BellSouth Access Management within fifteen (15) days of <<customer_short_name>>’s receipt of these forms. Failure to return these properly acknowledged forms will result in the subsequent access key or card requests being held by BellSouth until the proper acknowledgement documents have been received by BellSouth and reflect current information. Access Devices may not be duplicated under any circumstances. <<customer_short_name>> agrees to be responsible for all Access Devices and for the return of all Access Devices in the possession of <<customer_short_name>>’s employees, suppliers, agents, or Guests after termination of the employment relationship, the contractual obligation with <<customer_short_name>> ends, upon the termination of this Agreement, or upon the termination of occupancy of Collocation Space in a specific BellSouth Premises. <<customer_short_name>> shall pay all applicable charges associated with lost or stolen Access Devices.

- 5.12.1 BellSouth will permit one (1) accompanied site visit, which will be limited to no more than one hour, to <<customer_short_name>>’s designated Collocation Space, after receipt of the BFFO, without charge to <<customer_short_name>>. <<customer_short_name>> must submit to BellSouth the completed Access Control Request Form for all employees, suppliers, agents or Guests requiring access to a BellSouth Premises at least thirty (30) days prior to the date <<customer_short_name>> desires to gain access to the Collocation Space. In order to permit reasonable access during construction of the Collocation Space, <<customer_short_name>> may submit a request for its one (1) free accompanied site visit to its designated Collocation Space at any time subsequent to BellSouth’s receipt of the BFFO. In the event <<customer_short_name>> desires access to its designated Collocation Space after the first accompanied free visit and <<customer_short_name>>’s access request form(s) has not been approved by BellSouth or <<customer_short_name>> has not yet submitted an access request form to BellSouth, <<customer_short_name>> shall be permitted to access the Collocation Space accompanied by a BellSouth security escort, at <<customer_short_name>>’s expense, which will be assessed pursuant to the Security Escort fees contained in Exhibit B. <<customer_short_name>> must request that escorted access be provided by BellSouth to <<customer_short_name>>’s designated Collocation Space at least three (3) business days prior to the date such access is desired. A BellSouth security escort will be required whenever <<customer_short_name>> or its approved agent or supplier requires access to the entrance manhole.
- 5.12.2 Lost or Stolen Access Devices. <<customer_short_name>> shall immediately notify BellSouth in writing when any of its Access Devices have been lost or stolen. If it becomes necessary for BellSouth to re-key buildings or deactivate an Access Device as a result of a lost or stolen Access Device(s) or for failure of <<customer_short_name>>’s employees, suppliers, agents or Guest(s) to return an

Access Device(s), <<customer_short_name>> shall pay for the costs of re-keying the building or deactivating the Access Device(s).

- 5.13 Interference or Impairment. Notwithstanding any other provisions of this Attachment, <<customer_short_name>> shall not use any product or service provided under this Agreement, any other service related thereto or used in combination therewith, or place or use any equipment or facilities in any manner that 1) significantly degrades, interferes with or impairs service provided by BellSouth or any other entity or any person's use of its telecommunications services; 2) endangers or damages the equipment, facilities or any other property of BellSouth or any other entity or person; 3) compromises the privacy of any communications routed through the BellSouth Premises; or 4) creates an unreasonable risk of injury or death to any individual or to the public. If BellSouth reasonably determines that any equipment or facilities of <<customer_short_name>> violates the provisions of this paragraph, BellSouth shall provide written notice to <<customer_short_name>>, which shall direct <<customer_short_name>> to cure the violation within forty-eight (48) hours of <<customer_short_name>>'s receipt of written notice or, if such cure is not feasible, at a minimum, to commence curative measures within twenty-four (24) hours and exercise reasonable diligence to complete such measures as soon as possible thereafter. After receipt of the notice, the Parties agree to consult immediately and, if necessary, to conduct an inspection of the Collocation Space.
- 5.13.1 Except in the case of the deployment of an advanced service which significantly degrades the performance of other advanced services or traditional voice band services, if <<customer_short_name>> fails to cure the violation within forty-eight (48) hours or, if such cure is not possible, to commence curative action within twenty-four (24) hours and exercise reasonable diligence to complete such action as soon as possible, or if the violation is of a character that poses an immediate and substantial threat of damage to property or injury or death to any person, or any other significant degradation, interference or impairment of BellSouth's or another entity's service, then and only in that event, BellSouth may take such action as it deems necessary to eliminate such threat including, without limitation, the interruption of electrical power to <<customer_short_name>>'s equipment and/or facilities. BellSouth will endeavor, but is not required, to provide notice to <<customer_short_name>> prior to the taking of such action and BellSouth shall have no liability to <<customer_short_name>> for any damages arising from such action, except to the extent that such action by BellSouth constitutes willful misconduct.
- 5.13.2 For purposes of this Section, the term "significantly degrades" shall be defined as an action that noticeably impairs a service from a user's perspective. In the case of the deployment of an advanced service which significantly degrades the performance of other advanced services or traditional voice band services and <<customer_short_name>> fails to cure the violation within forty-eight (48) hours, or if such cure is not possible, to commence curative action within twenty-four (24)

hours and exercise reasonable diligence to complete such action as soon as possible, BellSouth will establish before the appropriate Commission that the technology deployed is causing the significant degradation. Any claims of network harm presented to <<customer_short_name>> or, if subsequently necessary, the Commission must be provided by BellSouth with specific and verifiable information. When BellSouth demonstrates that a certain technology deployed by <<customer_short_name>> is significantly degrading the performance of other advanced services or traditional voice band services, <<customer_short_name>> shall discontinue deployment of that technology and migrate its customers to other technologies that will not significantly degrade the performance of such services. Where the only degraded service itself is a known disturber, and the newly deployed technology satisfies at least one of the criteria for a presumption that it is acceptable for deployment, pursuant to 47 C.F.R. §51.230, the degraded service shall not prevail against the newly-deployed technology.

- 5.14 Personalty and Its Removal. Facilities and equipment placed by <<customer_short_name>> in the Collocation Space shall not become a part of the Collocation Space, even if nailed, screwed or otherwise fastened to the Collocation Space, but shall retain their status as personal property and may be removed by <<customer_short_name>> at any time. Any damage caused to the Collocation Space by <<customer_short_name>>'s employees, suppliers, agents, or Guests during the installation or removal of such property shall be promptly repaired by <<customer_short_name>> at its sole expense. If <<customer_short_name>> decides to remove equipment and/or facilities from its Collocation Space and the removal requires no physical work be performed by BellSouth and <<customer_short_name>>'s physical work includes, but is not limited to, power reduction, cross-connects, or tie pairs, BellSouth will bill <<customer_short_name>> the Administrative Only Application Fee associated with the type of removal activity performed by <<customer_short_name>>, as set forth in Exhibit B. This non-recurring fee will be billed on the date that BellSouth provides an Application Response to <<customer_short_name>>.
- 5.15 Alterations. Under no condition shall <<customer_short_name>> or any person acting on behalf of <<customer_short_name>> make any rearrangement, modification, augment, improvement, addition, and/or other alteration which could affect in any way space, power, HVAC, and/or safety considerations to the Collocation Space or the BellSouth Premises, hereinafter referred to individually or collectively as "Alterations", without the express written consent of BellSouth, which shall not be unreasonably withheld. The cost of any such Alteration shall be paid by <<customer_short_name>>. An Alteration shall require the submission of a Subsequent Application and will result in the assessment of the applicable application fee associated with the type of alteration requested, as set forth in Sections 6.2.1, and 7.1.4, which will be billed by BellSouth on the date that BellSouth provides <<customer_short_name>> with an Application Response.

- 5.16 Janitorial Service. <<customer_short_name>> shall be responsible for the general upkeep of its Collocation Space. <<customer_short_name>> shall arrange directly with a BellSouth Certified Supplier for janitorial services applicable to caged Collocation Space. Upon request, BellSouth shall provide a list of such suppliers on a BellSouth Premises-specific basis.

6. **Ordering and Preparation of Collocation Space**

- 6.1 Initial Application. For <<customer_short_name>>'s or <<customer_short_name>>'s Guest's(s') initial equipment placement, <<customer_short_name>> shall input a physical Expanded Interconnection Application Document (Initial Application) for physical Collocation Space directly into BellSouth's electronic application (e.App) system for processing. The Initial Application is considered Bona Fide when it is complete and accurate, meaning that all of the required fields on the Initial Application are completed with the appropriate type of information. An Initial Application Fee, as set forth in Exhibit B, will apply to each Initial Application submitted by <<customer_short_name>> and will be billed by BellSouth on the date BellSouth provides <<customer_short_name>> with an Application Response.
- 6.2 Subsequent Application. In the event <<customer_short_name>> or <<customer_short_name>>'s Guest(s) desires to modify its use of the Collocation Space after a BFFO, <<customer_short_name>> shall complete an application that contains all of the detailed information associated with a requested Alteration of the Collocation Space, as defined in Section 5.15 of this Attachment (Subsequent Application). The Subsequent Application will be considered Bona Fide when it is complete and accurate, meaning that all of the required fields on the Subsequent Application have been completed with the appropriate type of information associated with the requested Alteration. BellSouth shall determine what modifications, if any, to the BellSouth Premises are required to accommodate the change(s) requested by <<customer_short_name>> in the Subsequent Application. Such modifications to the BellSouth Premises may include, but are not limited to, floor loading changes, changes necessary to meet HVAC requirements, changes to power plant requirements, equipment additions, etc.
- 6.2.1 Subsequent Application Fees. The application fee paid by <<customer_short_name>> for an Alteration shall be dependent upon the level of assessment needed to complete the Alteration requested. Where the Subsequent Application does not require provisioning or construction work, but requires BellSouth to perform an administrative activity, an Administrative Only Application Fee shall apply as set forth in Exhibit B. The Administrative Only Application Fee will apply to Subsequent Applications associated with a transfer of ownership of the Collocation Space, removal of equipment from the Collocation Space (where the removal requires no physical work to be performed by BellSouth), an Alteration made to a Bona Fide application by <<customer_short_name>> prior to BellSouth's receipt of the BFFO, and a virtual-to-physical conversion (in place). The Co-Carrier

Cross Connect/Direct Connect Application Fee will apply when <<customer_short_name> submits a Subsequent Application for a direct connection between its own physical and virtual Collocation Space(s) in the same BellSouth Premises or between its physical or virtual Collocation Space and that of another collocated telecommunications carrier within the same BellSouth Premises. The Power Reconfiguration Only Application Fee will apply when <<customer_short_name>> submits a Subsequent Application that reflects only an upgrade or reduction in the amount of power that BellSouth is currently providing to <<customer_short_name>>'s physical Collocation Space. The fee for a Subsequent Application, for which the Alteration requested has limited effect (e.g., requires limited assessment and sufficient cable support structure, HVAC, power and terminations are available), shall be the Subsequent Application Fee, as set forth in Exhibit B. The appropriate nonrecurring application fee will be billed on the date that BellSouth provides <<customer_short_name>> with an Application Response.

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

6.4 Space Availability Notification.

For all states except Florida and Tennessee, BellSouth will respond to an application within ten (10) days as to whether space is available or not available within the requested BellSouth Premises. In Florida and Tennessee, BellSouth will respond to an application within fifteen (15) days as to whether space is available or not available within a BellSouth Premises. BellSouth's e.App system will reflect when <<customer_short_name>>'s application is Bona Fide. If the application cannot be Bona Fide, BellSouth will identify what revisions are necessary for the application to become Bona Fide.

- 6.4.1 If the amount of space requested is not available, BellSouth will notify <<customer_short_name>> of the amount of space that is available and no application fee will apply. When BellSouth's response includes an amount of space less than that requested by <<customer_short_name>> or space that is configured differently, no application fee will apply. If <<customer_short_name>> decides to accept the available space, <<customer_short_name>> must resubmit its application

to reflect the actual space available, including the configuration of the space, prior to submitting a BFFO. When <<customer_short_name>> resubmits its application to accept the available space, BellSouth will bill <<customer_short_name>> the appropriate application fee.

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

- automatically be placed on the waiting list for physical Collocation Space that may become available in the future.
- 6.7.2 When physical Collocation Space becomes available, <<customer_short_name>> must submit an updated, complete, and accurate application to BellSouth within thirty (30) days of notification by BellSouth that physical Collocation Space will be available in the requested BellSouth Premises previously out of space. If <<customer_short_name>> has originally requested caged Collocation Space and cageless Collocation Space becomes available, <<customer_short_name>> may refuse such space and notify BellSouth in writing, within the thirty (30) day timeframe referenced above, that <<customer_short_name>> wishes to maintain its place on the waiting list for caged physical Collocation Space, without accepting the available cageless Collocation Space.
- 6.7.3 <<customer_short_name>> may accept an amount of space less than what it originally requested by submitting an application as set forth above, and, upon request, may maintain its position on the waiting list for the remaining space that was initially requested. If <<customer_short_name>> does not submit an application or notify BellSouth in writing within the thirty (30) day timeframe as described above in Section 6.7.2, BellSouth will offer the available space to the next telecommunications carrier on the waiting list and remove <<customer_short_name>> from the waiting list. Upon request, BellSouth will advise <<customer_short_name>> as to its position on the waiting list for a particular BellSouth Premises.
- 6.8 Public Notification. BellSouth will maintain on its Interconnection Services website, www.interconnection.bellsouth.com, a notification document that will indicate all BellSouth Premises that are without available space. BellSouth shall update such document within ten (10) days of the date that BellSouth becomes aware that insufficient space is available to accommodate physical Collocation. BellSouth will also post a document on its Interconnection Services website that contains a general notice when space becomes available in a BellSouth Premises previously on the space exhaust list.
- 6.9 Application Response.
- 6.9.1 In Alabama, Georgia, Kentucky, Louisiana, Mississippi, North Carolina, and South Carolina, when space has been determined to be available for physical (caged or cageless) Collocation arrangements, BellSouth will provide an Application Response within twenty (20) days of receipt of a Bona Fide application. The Application Response will be a written response that includes sufficient information to enable <<customer_short_name>> to place a Firm Order, which, at a minimum, will include the configuration of the space, the Cable Installation Fee, the Cable Records Fee, and any other applicable space preparation fees, as described in Section 8.

- 6.9.2 In Florida and Tennessee, within fifteen (15) days of receipt of a Bona Fide application, when space has been determined to be available or when a lesser amount of space than that requested is available, then with respect to the space available, BellSouth will provide an Application Response including sufficient information to enable <<customer_short_name>> to place a Firm Order. The Application Response will include, at a minimum, the configuration of the space, the Cable Installation Fee, the Cable Records Fee, and any other applicable space preparation fees, as described in Section 8. When <<customer_short_name>> submits ten (10) or more applications within ten (10) days, the initial fifteen (15) day response interval will increase by ten (10) days for every additional ten (10) applications or fraction thereof.
- 6.10 Application Modifications. If a modification or revision is made to any information in the Bona Fide application prior to a BFFO, with the exception of modifications to (1) Customer Information, (2) Contact Information or (3) Billing Contact Information, whether at the request of <<customer_short_name>> or as necessitated by technical considerations, the application shall be considered a new application and handled as a new application with respect to the response and provisioning intervals. BellSouth will charge <<customer_short_name>> the appropriate application fee associated with the level of assessment performed by BellSouth, pursuant to Sections 6.1 and 6.2.
- 6.11 Bona Fide Firm Order.
- 6.11.1 <<customer_short_name>> shall indicate its intent to proceed with a Collocation Space request in a BellSouth Premises by submitting a Bona Fide Firm Order (BFFO) to BellSouth. The BFFO must be received by BellSouth no later than thirty (30) days after BellSouth's Application Response to <<customer_short_name>>'s Bona Fide application or <<customer_short_name>>'s application will expire.
- 6.11.2 BellSouth will establish a Firm Order date based upon the date BellSouth is in receipt of <<customer_short_name>>'s BFFO. BellSouth will acknowledge the receipt of <<customer_short_name>>'s BFFO within seven (7) days of receipt, so that <<customer_short_name>> will have positive confirmation that its BFFO has been received. BellSouth's response to a BFFO will include a Firm Order Confirmation, which contains the firm order date. No revisions may be made to a BFFO.
- 7. Construction and Provisioning**
- 7.1 Construction and Provisioning Intervals.
- 7.1.1 In Florida and Tennessee, BellSouth will complete construction of physical Collocation Space as soon as possible within a maximum of ninety (90) days from receipt of a BFFO or as agreed to by the Parties. For virtual Collocation Space, BellSouth will complete construction as soon as possible within a maximum of sixty (60) days from receipt of a BFFO or as agreed to by the Parties. For Alterations requested to Collocation Space after the initial space has been completed, BellSouth

- will complete construction for Collocation Space as soon as possible within a maximum of forty-five (45) days from receipt of a BFFO or as agreed to by the Parties, as long as no additional space has been requested by <<customer_short_name>>. If additional space has been requested by <<customer_short_name>>, BellSouth will complete construction for the requested Collocation Space as soon as possible within a maximum of ninety (90) days from receipt of a BFFO for physical Collocation Space and forty five (45) days from receipt of a BFFO for virtual Collocation Space. If BellSouth does not believe that construction will be completed within the relevant provisioning interval and BellSouth and <<customer_short_name>> cannot agree upon a completion date, within forty-five (45) days of receipt of the BFFO for an initial request, or within thirty (30) days of receipt of the BFFO for an Alteration, BellSouth may seek an extension from the Commission.
- 7.1.2 In Alabama, Georgia, Kentucky, Louisiana, Mississippi, North Carolina, and South Carolina, BellSouth will complete construction for caged physical Collocation Space under ordinary conditions as soon as possible within a maximum of ninety (90) days from receipt of a BFFO or as agreed to by the Parties. BellSouth will complete construction for cageless physical Collocation Space under ordinary conditions as soon as possible within a maximum of sixty (60) days from receipt of a BFFO and ninety (90) days from receipt of a BFFO for extraordinary conditions, or as agreed to by the Parties. Ordinary conditions are defined as space available with only minor changes required to BellSouth's support systems. (Examples include, but are not limited to: minor modifications to HVAC, cabling and BellSouth's power plant.) Extraordinary conditions include, but may not be limited to: major BellSouth equipment rearrangements or additions; power plant additions or upgrades; major mechanical additions or upgrades; major upgrades for ADA compliance; environmental hazards or hazardous materials abatement; and arrangements for which equipment shipping intervals are extraordinary in length. The Parties may mutually agree to renegotiate an alternative provisioning interval for the Collocation Space requested or BellSouth may seek a waiver from the ordered interval, as set forth above, from the appropriate Commission, if BellSouth does not believe that construction will be completed within the relevant provisioning interval.
- 7.1.3 Records Only Change. When <<customer_short_name>> adds equipment, that was originally included on <<customer_short_name>>'s Initial Application or a Subsequent Application, and the addition of this equipment requires no additional space preparation work or cable terminations on the part of BellSouth, then BellSouth will impose no additional charges or intervals.
- 7.1.4 In the states of Alabama, Georgia, Kentucky, Louisiana, Mississippi, North Carolina, and South Carolina, BellSouth will provide the reduced intervals outlined below to <<customer_short_name>>, when <<customer_short_name>> requests an Alteration specifically identified in Sections 7.1.4.1 through 7.1.4.9 as an "Augment. Except as otherwise set forth in Section 7.1.4.10 below, such Augment will require a

Subsequent Application and will result in the assessment of the appropriate application fee associated with the type of Augment requested by <<customer_short_name>>. BellSouth will assess the appropriate nonrecurring application fee set forth in Exhibit B on the date that it provides an Application Response to <<customer_short_name>>.

- 7.1.4.1 Simple Augments will be completed within twenty (20) days after receipt of the BFFO for an:
- Extension of Existing AC Circuit Capacity within Arrangement where Sufficient Circuit Capacity is Available
 - Fuse Change and/or Increase or Decrease -48V DC Power from Existing BellSouth BDFB
- 7.1.4.2 Minor Augments will be completed within forty-five (45) days after receipt of the BFFO for:
- 168 DS1 Terminations at the BellSouth Demarcation Frame (Databasing Only; Panels, Relay Racks and Overhead Racking Exist)
 - 96 DS3 Terminations at the BellSouth Demarcation Frame (Databasing Only; Panels, Relay Racks and Overhead Racking Exist)
 - 99 Fiber Terminations at the BellSouth Demarcation Frame (Databasing Only; Panels, Relay Racks and Overhead Racking Exist)
 - Maximum of 2000 Service Ready DS0 Terminations at the BellSouth Demarcation Frame (Databasing Only; Panels, Relay Racks and Overhead Racking Exist)
- 7.1.4.3 Intermediate Augments will be completed within sixty (60) days after receipt of the BFFO for:
- 168 DS1s (Databasing and Installation of Termination Panels, Relay Racks or Additional Structure, as Required)
 - 96 DS3s (Databasing and Installation of Termination Panels, Relay Racks or Additional Structure, as Required)
 - 99 Fiber Terminations (Databasing and Installation of Termination Panels, Relay Racks or Additional Structure, as Required)
 - 2000 DS0s (Databasing and Installation of Termination Panels, Relay Racks or Additional Structure, as Required)
 - Installation of Cable Racking or Other Support Structures, as Required, to Support Co-Carrier Cross Connects (Adequate Floor or Ceiling Structural Capacity Exists and Support/Protection Structure for Fiber Patch Cord is Excluded)
- 7.1.4.4 Major Augments of physical Collocation Space will be completed within ninety (90) days after BFFO. This category includes all requests for additional Physical Collocation Space (caged or cageless).

- 7.1.4.5 Major Augments of virtual Collocation Space will be completed within seventy-five (75) days after BFFO. This category includes all requests for additional virtual Collocation Space.
- 7.1.4.6 If <<customer_short_name>> submits an Augment that includes two Augment items from the same category in either Section 7.1.4.1, 7.1.4.2, or 7.1.4.3 above, the provisioning interval associated with the next highest Augment category will apply (e.g., if two items from the Minor Augment category are requested on the same request, then an interval of sixty (60) days from the receipt of the BFFO would apply, which is the interval associated with the Intermediate Augment category).
- 7.1.4.7 If <<customer_short_name>> submits an Augment that includes three Augment items from the same category in either Section 7.1.4.1, 7.1.4.2, or 7.1.4.3 above, the Major Augment interval of ninety (90) days from the receipt of the BFFO would apply (e.g., if three items from the Simple Augment category are requested on the same request for a physical Collocation arrangement, then an interval of ninety (90) days from the receipt of the BFFO would apply, which is the Major physical Augment interval; likewise if three items from the Simple Augment category are requested on the same request for a virtual Collocation arrangement, then an interval of seventy-five (75) days from the receipt of the BFFO would apply, which is the Major virtual Augment interval).
- 7.1.4.8 If <<customer_short_name>> submits an Augment that includes one Augment item from two separate categories in Sections 7.1.4.1, 7.1.4.2 and 7.1.4.3 above, the Augment interval associated with the highest Augment category will apply (e.g., if an item from the Minor Augment category and an item from the Intermediate Augment category are requested on the same request, then an interval of sixty (60) days from the receipt of the BFFO would apply, which is the interval associated with the Intermediate Augment category).
- 7.1.4.9 All Augments not expressly included in the Simple, Minor, Intermediate or Major Augment categories, as outlined above, will be placed into the appropriate category as negotiated by <<customer_short_name>> and BellSouth. If <<customer_short_name>> and BellSouth are unable to determine the appropriate category through negotiation, then the appropriate Major Augment category, identified in Section 7.1.4.4 and Section 7.1.4.5, would apply based on whether the Augment is for <<customer_short_name>>'s physical or virtual Collocation Space.
- 7.1.4.10 Individual application fees associated with Simple, Minor and Intermediate Augments are contained in Exhibit B. If <<customer_short_name>> requests multiple items from different Augment categories, BellSouth will bill <<customer_short_name>> the Augment application fee, as identified in Exhibit B of this Attachment, associated with the higher Augment category only. The appropriate application fee will be assessed to <<customer_short_name>> at the time BellSouth provides <<customer_short_name>> with the Application Response.

<<customer_short_name>> will be assessed a Subsequent Application Fee for all Major Augments (Major Augments are defined above in Sections 7.1.4.4 and 7.1.4.5 for physical and virtual Collocation Space, respectively). The Subsequent Application Fee is also reflected in Exhibit B of this Attachment.

- 7.2 Joint Planning. Unless otherwise agreed to by the Parties, a joint planning meeting or other method of joint planning between BellSouth and <<customer_short_name>> will commence within a maximum of twenty (20) days from BellSouth's receipt of a BFFO. 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 BFFO.
- 7.3 Permits. Each Party, its agent(s) or BellSouth Certified Supplier(s) will diligently pursue filing for the permits required for the scope of work to be performed by that Party, its agent(s) or BellSouth Certified Supplier(s) within ten (10) days of the completion of the finalized construction design and specifications.
- 7.4 Circuit Facility Assignments. Unless otherwise specified, BellSouth will provide Circuit Facility Assignments (CFAs) to <<customer_short_name>> prior to the applicable provisioning interval set forth herein (Provisioning Interval) for those BellSouth Premises in which <<customer_short_name>> has physical Collocation Space with no POT bay or with a grand fathered POT bay provided by BellSouth. BellSouth cannot provide CFAs to <<customer_short_name>> prior to the Provisioning Interval for those BellSouth Premises in which <<customer_short_name>> has physical Collocation Space with a POT bay provided by <<customer_short_name>> or virtual Collocation Space, until <<customer_short_name>> has provided BellSouth with the following information:
- 7.4.1 For physical Collocation Space with a <<customer_short_name>>-provided POT bay, <<customer_short_name>> shall provide BellSouth with a complete layout of the POT panels on an Equipment Inventory Update (EIU) form that shows the locations, speeds, etc.
- 7.4.2 For virtual Collocation Space, <<customer_short_name>> shall provide BellSouth with a complete layout of <<customer_short_name>>'s equipment on an EIU form, that includes the locations of the low speed ports and the specific frame terminations to which the equipment will be wired by <<customer_short_name>>'s BellSouth Certified Supplier.
- 7.4.3 BellSouth cannot begin work on the CFAs until the complete and accurate EIU form has been received from <<customer_short_name>>. If the EIU form is provided within ten (10) days prior to the ending date of the Provisioning Interval, then the CFAs will be made available by the ending date of the Provisioning Interval. If the EIU form is not received ten (10) days prior to the ending date of the Provisioning

Interval, then the CFAs will be provided within ten (10) days of BellSouth's receipt of the EIU form.

- 7.4.4 BellSouth will bill <<customer_short_name>> a nonrecurring charge, as set forth in Exhibit B, each time <<customer_short_name>> requests a resend of its original CFA information for any reason other than a BellSouth error in the CFAs initially provided to <<customer_short_name>>.
- 7.5 Use of BellSouth Certified Supplier. <<customer_short_name>> shall select a supplier which has been approved as a BellSouth Certified Supplier to perform all engineering and installation work. <<customer_short_name>>, if a BellSouth Certified Supplier, or <<customer_short_name>>'s BellSouth Certified Supplier must follow and comply with all of BellSouth's specifications and the following BellSouth Technical Requirements: TR 73503, TR 73519, TR 73572, and TR 73564. Unless the BellSouth Certified Supplier has met the requirements for all of the required work activities, <<customer_short_name>> must use a different BellSouth Certified Supplier for the work activities associated with transmission equipment, switching equipment and power equipment. BellSouth shall provide <<customer_short_name>> with a list of BellSouth Certified Suppliers, upon request. <<customer_short_name>>, if a BellSouth Certified Supplier, or <<customer_short_name>>'s BellSouth Certified Supplier(s) shall be responsible for installing <<customer_short_name>>'s equipment and associated components, extending power cabling to the BellSouth power distribution frame, performing operational tests after installation is complete, and notifying BellSouth's equipment engineers and <<customer_short_name>> upon successful completion of the installation and any associated work. When a BellSouth Certified Supplier is used by <<customer_short_name>>, the BellSouth Certified Supplier shall bill <<customer_short_name>> directly for all work performed for <<customer_short_name>> pursuant to this Attachment. BellSouth shall have no liability for, nor responsibility to pay, such charges imposed by <<customer_short_name>>'s BellSouth Certified Supplier. BellSouth shall make available its supplier certification program to <<customer_short_name>> or any supplier proposed by <<customer_short_name>> and will not unreasonably withhold certification. All work performed by or for <<customer_short_name>> shall conform to generally accepted industry standards.
- 7.6 Alarms and Monitoring. BellSouth shall place environmental alarms in the BellSouth Premises for the protection of BellSouth equipment and facilities. <<customer_short_name>> shall be responsible for the placement, monitoring and removal of environmental and equipment alarms used to service <<customer_short_name>>'s Collocation Space. Upon request, BellSouth will provide <<customer_short_name>> with an applicable BellSouth tariffed service(s) to facilitate remote monitoring of collocated equipment by <<customer_short_name>>. Both Parties shall use best efforts to notify the other of

any verified environmental condition (e.g., temperature extremes or excess humidity) known to that Party.

- 7.7 Virtual to Physical Relocation. In the event physical Collocation Space was previously denied at a BellSouth Premises due to technical reasons or space limitations and physical Collocation Space has subsequently become available, <<customer_short_name>> may relocate its existing virtual Collocation arrangement(s) to a physical Collocation arrangement(s) and pay the appropriate fees associated with the rearrangement or reconfiguration of the services being terminated into the virtual Collocation arrangement, as set forth in Exhibit B to this Attachment. If BellSouth knows when additional physical Collocation Space may become available at the BellSouth Premises requested by <<customer_short_name>>, such information will be provided to <<customer_short_name>> in BellSouth's written denial of physical Collocation Space. <<customer_short_name>> must arrange with a BellSouth Certified Supplier for the relocation of equipment from a virtual Collocation Space to a physical Collocation Space and will bear the cost of such relocation, including the costs associated with moving the services from the virtual Collocation Space to the new physical Collocation Space.
- 7.7.1 In Alabama, BellSouth will complete a relocation of a virtual collocation arrangement to a cageless physical collocation arrangement within sixty (60) days from BellSouth's receipt of a BFFO and from a virtual collocation arrangement to a caged physical collocation arrangement within ninety (90) days from BellSouth's receipt of a BFFO.
- 7.8 Virtual to Physical Conversion (In-Place). Virtual collocation arrangements may be converted to "in-place" physical caged collocation arrangements if the potential conversion meets all of the following criteria: 1) there is no change in the amount of equipment or the configuration of the equipment that was in the virtual Collocation Space; 2) the conversion of the virtual collocation arrangement will not cause the equipment or the results of that conversion to be located in a space that BellSouth has reserved for its own future needs; and 3) any changes to the arrangement can be accommodated by existing power, HVAC, and other requirements. Unless otherwise specified herein, BellSouth will complete virtual to physical Collocation Space conversions (in-place) within sixty (60) days from receipt of the BFFO. BellSouth will bill <<customer_short_name>> an Administrative Only Application Fee, as set forth in Exhibit B, on the date BellSouth provides an Application Response to <<customer_short_name>>.
- 7.8.1 In Alabama and Tennessee, BellSouth will complete virtual to physical conversions (in place) within thirty (30) days from receipt of the BFFO as long as the conversion meets all of the criteria specified above in Section 7.8.
- 7.9 Cancellation. Unless otherwise specified in this Attachment, if at any time prior to Space Acceptance, <<customer_short_name>> cancels its order for Collocation

Space (Cancellation), BellSouth will bill the applicable nonrecurring charge(s) for any and all work processes for which work has begun or been completed. In Florida, if <<customer_short_name>> cancels its order for Collocation Space at any time prior to the Space Ready Date, no cancellation fee shall be assessed by BellSouth; however, <<customer_short_name>> will be responsible for reimbursing BellSouth for any costs specifically incurred by BellSouth on behalf of <<customer_short_name>> up to the date that the written notice of cancellation was received by BellSouth. In Georgia, if <<customer_short_name>> cancels its order for Collocation Space at any time prior to space acceptance, BellSouth will bill <<customer_short_name>> for all costs incurred prior to the date of Cancellation and for any costs incurred as a direct result of the Cancellation, not to exceed the total amount that would have been due had the Firm Order not been canceled.

7.10 Licenses. <<customer_short_name>>, at its own expense, will be solely responsible for obtaining from governmental authorities, and any other appropriate agency, entity, or person, all rights, privileges, permits, licenses, and certificates necessary or required to operate as a provider of telecommunications services to the public or to build-out, equip and/or occupy Collocation Space in a BellSouth Premises.

7.11 Environmental Compliance. The Parties agree to utilize and adhere to the Environmental Hazard Guidelines identified in Exhibit A attached hereto.

8. Rates and Charges

8.1 Rates. <<customer_short_name>> agrees to pay the rates and charges identified in Exhibit B attached hereto.

8.2 Application Fees. BellSouth shall assess any non-recurring application fees within thirty (30) days of the date that BellSouth provides an Application Response to <<customer_short_name>> or on <<customer_short_name>>'s next scheduled monthly billing statement.

8.2.1 In Tennessee, the application fee for caged Collocation Space shall be the Application – Cost Planning Fee for both Initial Applications and Subsequent Applications placed by <<customer_short_name>>. Likewise, for cageless Collocation Space, the same Cageless - Application Fee applies for both Initial Applications and Subsequent Applications placed by <<customer_short_name>>. BellSouth will bill the appropriate non-recurring application fee on the date that BellSouth provides an Application Response to <<customer_short_name>>.

8.3 Recurring Charges. If <<customer_short_name>> has met the applicable fifteen (15) day acceptance walk through interval specified in Section 4.2, billing for recurring charges will begin upon the Space Acceptance Date. In the event <<customer_short_name>> fails to complete an acceptance walk through within the applicable fifteen (15) day interval, billing for recurring charges will commence on the Space Ready Date. If <<customer_short_name>> occupies the space prior to the

- Space Ready Date, the date <<customer_short_name>> occupies the space is deemed the Space Acceptance Date and billing for recurring charges will begin on that date. The billing for all applicable monthly recurring charges will begin in <<customer_short_name>> 's next billing cycle and will include any prorated charges for the period from <<customer_short_name>>'s Space Acceptance Date or Space Ready Date, whichever is appropriate pursuant to Section 4.2, to the date the bill is issued by BellSouth.
- 8.3.1 Unless otherwise stated in Section 8.6 below, monthly recurring charges for -48V DC power will be assessed per fused amp, per month, based upon the total number of fused amps of power capacity requested by <<customer_short_name>> on <<customer_short_name>>'s Initial Collocation Application and all Subsequent Collocation Applications, which may either increase or decrease the originally requested, and any subsequently augmented, number of fused amps of power capacity requested, consistent with Commission orders.
- 8.3.2 BellSouth shall have the right to inspect and inventory any DC power fuse installations at a BellSouth BDFB or DC power circuit installations at BellSouth's main power board for any <<customer_short_name>> collocation arrangement, to verify that the total number of fused amps of power capacity installed by <<customer_short_name>>'s BellSouth Certified Supplier matches the number of fused amps of DC power capacity requested by <<customer_short_name>> on <<customer_short_name>>'s Initial Application and all Subsequent Applications. If BellSouth determines that <<customer_short_name>>'s BellSouth Certified Supplier has installed more DC capacity than <<customer_short_name>> requested on its Initial Application and all Subsequent Applications, BellSouth shall notify <<customer_short_name>> in writing of such discrepancy and shall assess <<customer_short_name>> for the additional DC power fuse/circuit capacity from the Space Acceptance Date or Space Ready Date, whichever is applicable pursuant to Section 8.3 above, for the most recent Initial Application or Subsequent Application, submitted for such collocation arrangement. BellSouth shall also revise <<customer_short_name>>'s recurring DC power charges, on a going-forward basis, to reflect the higher number of fused amps of power capacity available for the collocation arrangement.
- 8.4 Nonrecurring Charges. In Florida, unless specified otherwise herein, BellSouth shall assess nonrecurring charges, including all application fees, within thirty (30) days of the date that BellSouth provides an Application Response to <<customer_short_name>> or on <<customer_short_name>>'s next scheduled monthly billing statement, if <<customer_short_name>>'s current month's billing cycle has already closed. Nonrecurring charges associated with the processing of the Firm Order for collocation space preparation (Firm Order Processing Fee) shall be billed by BellSouth within thirty (30) days of BellSouth's confirmation of <<customer_short_name>>'s BFFO or on <<customer_short_name>>'s next scheduled monthly billing statement.

- 8.5 Space Preparation. Space preparation fees consist of a nonrecurring charge for Firm Order Processing and monthly recurring charges for Central Office Modifications and Common Systems Modifications. For all states except Florida, <<customer_short_name>> shall remit the payment of the non-recurring Firm Order Processing Fee coincident with the submission of <<customer_short_name>>'s BFFO. In Florida, the non-recurring Firm Order Processing Fee will be billed by BellSouth, pursuant to Section 8.4 above. The monthly recurring charge for Central Office Modifications will be assessed per arrangement, per square foot, for both caged and cageless physical Collocation Space. The monthly recurring charge for Common Systems Modifications will be assessed per arrangement, per square foot, for cageless physical Collocation Space and on a per cage basis for caged physical Collocation Space. These charges recover the costs associated with preparing the Collocation Space, which includes, but is not limited to, the following items: a survey, engineering of the Collocation Space, and design and modification costs for network, building and support systems.
- 8.6 Floor Space. The Floor Space Charge includes reasonable charges for lighting, HVAC, and other allocated expenses associated with maintenance of the BellSouth Premises; however, this charge does not include any expenses associated with AC or DC power supplied to <<customer_short_name>>'s Collocation Space for the operation of <<customer_short_name>>'s equipment. For caged physical Collocation Space, -, <<customer_short_name>> shall pay floor space charges based upon the number of square feet enclosed. The minimum size for caged Collocation Space is 50 square feet. Additional caged Collocation Space may be requested in increments of 50 square feet. For cageless Collocation Space, <<customer_short_name>> 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 cageless Collocation Space in conventional equipment rack lineups where feasible. In the event <<customer_short_name>>'s collocated equipment requires special cable racking, an isolated ground plane, or any other considerations and treatment which prevents placement within conventional equipment rack lineups, <<customer_short_name>> shall be required to request an amount of floor space sufficient to accommodate the total equipment arrangement.
- 8.7 Power. BellSouth shall make available -48 Volt (-48V) Direct Current (DC) power for <<customer_short_name>>'s Collocation Space at a BellSouth Battery Distribution Fuse Bay (BDFB). When obtaining DC power from a BellSouth BDFB, <<customer_short_name>>'s fuses and power cables (for the A & B feeds) must be engineered (sized), and installed by <<customer_short_name>>'s BellSouth Certified Supplier, in accordance with the number of fused amps of DC power requested by <<customer_short_name>> on <<customer_short_name>>'s Initial Application and

any Subsequent Applications. <<customer_short_name>> is also responsible for contracting with a BellSouth Certified Supplier to run the power distribution feeder cable from the BellSouth BDFB to the equipment in <<customer_short_name>>'s Collocation Space. The BellSouth Certified Supplier contracted by <<customer_short_name>> must provide BellSouth with a copy of the engineering power specifications prior to the day on which <<customer_short_name>>'s equipment becomes operational (hereinafter "Commencement Date"). BellSouth will provide the common power feeder cable support structure between the BellSouth BDFB and <<customer_short_name>>'s Collocation Space. <<customer_short_name>> shall contract with a BellSouth Certified Supplier who shall be responsible for performing those power provisioning activities required to enable <<customer_short_name>>'s equipment to become operational, which may include, but are not limited to, the installation, removal or replacement of the following: dedicated power cable support structure within <<customer_short_name>>'s Collocation Space, power cable feeds, and terminations of the power cabling. <<customer_short_name>> and <<customer_short_name>>'s BellSouth Certified Supplier shall comply with all applicable NEC, BellSouth TR73503, Telcordia and ANSI Standards that address power cabling, installation, and maintenance.

- 8.7.1 In Florida only, pursuant to technical feasibility, commercial availability, and safety limitations, BellSouth will permit <<customer_short_name>> to request DC power in 5-amp increments from 5 amps up to 100 amps from the BellSouth BDFB. However, in accordance with industry standard fuse sizing, <<customer_short_name>> may request that BellSouth provision DC power of 70 amps or greater directly from BellSouth's main power board. The industry standard fuse size (which is a circuit breaker on the main power board) available at a BellSouth main power board in all BellSouth Premises is a 225-amp circuit breaker.
- 8.7.2 BellSouth will revise <<customer_short_name>>'s recurring power charges, in accordance with Section 8.3 above, to reflect a power upgrade when <<customer_short_name>> submits a Subsequent Application requesting an increase in the number of fused amps it is currently receiving from BellSouth for its Collocation Space. If <<customer_short_name>>'s existing fuses and power cables (for the A&B power feed) are not sufficient to support the additional number of fused amps requested, <<customer_short_name>>'s BellSouth Certified Supplier shall perform whatever activities are necessary, which may include the installation of new/additional fuses or power cables, to comply with the appropriate NEC, BellSouth TR73503, Telcordia, and ANSI Standards, as well as the requirements noted above in Section 8.7 and 8.7.1. <<customer_short_name>>'s BellSouth Certified Supplier shall provide notification to BellSouth when these activities have been completed.
- 8.7.3 BellSouth will revise <<customer_short_name>>'s recurring power charges, in accordance with Section 8.3 above, to reflect a power reduction upon BellSouth's receipt of the Power Reduction Form from <<customer_short_name>>, certifying the

- completion of the power reduction work, including the removal of any associated power cabling by <<customer_short_name>>'s BellSouth Certified Supplier. Notwithstanding the foregoing, if <<customer_short_name>>'s BellSouth Certified Supplier has not removed or, at BellSouth's discretion, cut the power cabling within thirty (30) days, the power reduction will not become effective until the cabling is removed or, at BellSouth's discretion, cut by <<customer_short_name>>'s BellSouth Certified Supplier and <<customer_short_name>> shall pay for the amount of power that had been requested prior to the power reduction request for the period up to the date the power cabling is actually removed.
- 8.7.4 If <<customer_short_name>> requests an increase or a reduction in the amount of power that BellSouth is currently providing, <<customer_short_name>> must submit a Subsequent Application. If no modification to the Collocation Space is requested other than the increase or reduction in power, the Power Reconfiguration Only Application Fee as set forth in Exhibit B will apply. If modifications are requested in addition to the increase or reduction of power, the Subsequent Application Fee will apply. BellSouth will bill this nonrecurring fee on the date that BellSouth provides an Application Response to <<customer_short_name>>'s Subsequent Application.
- 8.7.5 If <<customer_short_name>> has existing power configurations currently served from the BellSouth main power board and requests that its power be reconfigured to connect to a BellSouth BDFB, in a specific central office, <<customer_short_name>> must submit a Subsequent Application. BellSouth will respond to such application within seven (7) days and a Subsequent Application fee will apply for this reconfiguration to a BellSouth BDFB.
- 8.7.6 If <<customer_short_name>> elects to install its own DC Power Plant, BellSouth shall provide Alternating Current (AC) power to feed <<customer_short_name>>'s DC Power Plant. Charges for AC power will be assessed on a per breaker ampere, per month basis, pursuant to the rates specified in Exhibit B. The AC power rates include recovery for the provision of commercial and standby AC power. When obtaining power from a BellSouth service panel, protection devices and power cables must be engineered (sized) and installed by <<customer_short_name>>'s BellSouth Certified Supplier, with the exception that BellSouth shall engineer and install protection devices and power cables for Adjacent Collocation. <<customer_short_name>>'s BellSouth Certified Supplier must provide a copy of the engineering power specifications prior to the Commencement Date. AC power voltage and phase ratings shall be determined on a per location basis. At <<customer_short_name>>'s option, <<customer_short_name>> may arrange for AC power in an adjacent collocation arrangement from a retail provider of electrical power.
- 8.7.7 <<customer_short_name>> shall contract with a BellSouth Certified Supplier to perform the installation and removal of dedicated power cable support structure

within <<customer_short_name>>'s arrangement and terminations of cable within the Collocation Space.

- 8.7.8 Fused Amp Billing. In all states, except as noted above in 8.7.1 for Florida, BellSouth shall make available –48V DC power on a per fused amp, per month basis, pursuant to the following formula:

For power provisioned from a BDFB. The number of fused amps requested by <<customer_short_name>> on its application should reflect a multiplier of 1.5 to convert its requested amps to fused amps, with a minimum of ten (10) fused amps required. The number of fused amps requested by <<customer_short_name>> on its collocation application will be multiplied by the DC power fused amp rate set forth in Exhibit B.

For existing power configurations that are provisioned from BellSouth's main power board. The number of fused amps made available at the main power board, in increments of 225 amps/main power board circuit, will be multiplied by the DC power fused amp rate set forth in Exhibit B. In Florida, the number of fused amps requested by <<customer_short_name>> on its collocation application will be multiplied by the DC power fused amp rate set forth in Exhibit B

- 8.7.9 Florida Power Usage Option. In Florida only, <<customer_short_name>> may request that –48 DC power provisioned by BellSouth to <<customer_short_name>>'s Collocation Space be assessed per ampere (amp), per month based upon amps used, pursuant to the rates set forth in Exhibit B of this Attachment. Monthly recurring power charges will be assessed on the Space Acceptance Date or Space Ready Date, whichever is appropriate, pursuant to Section 8.3. If <<customer_short_name>> desires to convert existing physical collocation arrangements to the Florida Power Usage Option (hereinafter "FL Option"), then the monthly recurring power charges that are applicable to the FL Option, contained in Exhibit B, will be assessed on the Space Ready Date associated with the Subsequent Application submitted by <<customer_short_name>> to convert an existing collocation arrangement to the FL Option. The monthly recurring charges for DC power, under the FL Option, shall be calculated and applied based on the amount of power <<customer_short_name>> requests that it be allowed to draw at a given time to a specific physical collocation arrangement in a particular BellSouth Premises on <<customer_short_name>>'s Initial Application or Subsequent Application. BellSouth shall allow <<customer_short_name>>, at <<customer_short_name>>'s option, to order a power feed that is capable of delivering a higher DC power level but to fuse this power feed so as to allow a power level less than the feed's maximum to be drawn by <<customer_short_name>>. BellSouth is not required to build its central office power infrastructure to meet <<customer_short_name>>'s forecasted DC power demand. <<customer_short_name>> must specify on its Initial or Subsequent Application the power level it wishes to be able to draw from BellSouth's power plant for each existing collocation arrangement <<customer_short_name>> converts

to the FL Option or for any new collocation arrangements <<customer_short_name>> establishes under the FL Option.

- 8.7.9.1 BellSouth, at any time and at its own expense, shall have the right to verify the accuracy of <<customer_short_name>>'s power usage under the FL Option for a specific collocation arrangement in a particular BellSouth Premises, based on a meter reading(s) taken by BellSouth of the amount of power being consumed by <<customer_short_name>>'s collocation arrangement. BellSouth may perform its own meter reading(s) via any method it chooses, such as, but not limited to, a clamp-on ammeter. If the meter reading(s) varies by more than ten percent (10%) or five (5) amps from the power usage that has been requested by <<customer_short_name>> for the collocation arrangement, under the FL Option, the Parties agree to work cooperatively to reconcile such discrepancy and establish the appropriate usage figure in a reasonable and expeditious manner. If the Parties substantiate BellSouth's reading, then BellSouth shall adjust <<customer_short_name>>'s billing to reflect BellSouth's power reading beginning with the first day of the month immediately following the date of the last metered reading taken by BellSouth.
- 8.7.9.2 BellSouth shall assess <<customer_short_name>> a monthly recurring charge for DC power under the FL Option, as set forth in Exhibit B of this Attachment. <<customer_short_name>> shall notify BellSouth of any change in its DC power usage by submitting a Subsequent Application, which reflects the new DC power level desired by <<customer_short_name>>. The requested change in DC power usage will be reflected in <<customer_short_name>>'s next scheduled monthly billing cycle.
- 8.7.10 Tennessee Caged Collocation Power Usage Metering Option. In Tennessee only, <<customer_short_name>> may request that DC power provisioned by BellSouth to <<customer_short_name>>'s caged Collocation Space be assessed pursuant to the Tennessee Regulatory Authority's Power Usage Metering Option (hereinafter "TN Option"). If <<customer_short_name>> chooses the TN Option, BellSouth will assess <<customer_short_name>> for -48V DC power using the following two components: (1) the actual measured AC usage, and (2) the DC power plant infrastructure provisioned by BellSouth to support the total number of fused amps of DC power requested by <<customer_short_name>> on <<customer_short_name>>'s Initial Collocation Application and all Subsequent Collocation Applications. These monthly recurring power charges will be assessed by BellSouth on the Space Acceptance Date or Space Ready Date, whichever is appropriate, pursuant to Section 8.3. If <<customer_short_name>> desires to convert an existing caged collocation arrangement to the TN Option, then the monthly recurring power charges that are applicable to the TN Option, contained in Exhibit B, will be assessed on the Space Ready Date associated with the Subsequent Application submitted by <<customer_short_name>> to convert an existing caged collocation arrangement to the TN Option.

- 8.7.10.1 BellSouth, or its BellSouth Certified Supplier, will perform all metering activities, which will include providing the necessary ammeter or other measurement device, to measure the actual power usage (AC usage) being drawn by <<customer_short_name>>'s collocation equipment on both the A and B power feeds. The AC Usage component of the DC power charge will be based upon the sum of either the instantaneous or busy hour average electric current readings, depending on the capabilities of the ammeter or other measurement device. <<customer_short_name>> may, at its sole cost and expense, install its own meters on those BDFBs located in its own caged Collocation Space(s) and may notify BellSouth if it would like to offer BellSouth the option of using such meters for the purposes of measuring <<customer_short_name>>'s actual power usage. In such case, BellSouth, or its BellSouth Certified Supplier, will have the option of reading and recording the actual power usage from either the meter installed or maintained by <<customer_short_name>> on <<customer_short_name>>'s own BDFB(s) or via a BellSouth provided measurement device. The usage reading for the option elected by BellSouth shall be used for purposes of calculating the DC power usage billing.
- 8.7.10.2 If BellSouth, or its BellSouth Certified Supplier, requires access to <<customer_short_name>>'s caged Collocation Space(s) for purposes of measuring the power usage, BellSouth or its BellSouth Certified Supplier shall provide <<customer_short_name>> with a minimum of forty-eight (48) hours notice that access is required. <<customer_short_name>> shall respond to such request for access within twenty-four (24) hours for the purpose of establishing the date and time of access to <<customer_short_name>>'s caged Collocation Space(s). Once the date and time of access to <<customer_short_name>>'s caged Collocation Space(s) has been agreed upon, <<customer_short_name>> and BellSouth, or its BellSouth Certified Supplier, shall adhere to the agreed upon date and time, or provide a minimum of twenty-four (24) hours notice to the other Party if the original appointment(s) will be missed or must be canceled and rescheduled. If <<customer_short_name>> fails to provide access to its caged Collocation Space(s) or fails to provide BellSouth, or its BellSouth Certified Supplier, with sufficient notification of the missed appointment(s), as noted above, then <<customer_short_name>> shall pay the non-recurring "Additional Meter Reading Trip Charge", as set forth in Exhibit B of this Attachment, for each additional meter reading trip that must be rescheduled to measure <<customer_short_name>>'s power usage for such caged Collocation Space(s). <<customer_short_name>> and the BellSouth Certified Supplier may jointly agree to less stringent notification requirements to address, for example, any service interruption or restoration of service situations, on a location-by-location basis.
- 8.7.10.3 For each new caged collocation arrangement for which <<customer_short_name>> desires the TN Option, <<customer_short_name>> shall indicate on <<customer_short_name>>'s Initial Application that the TN Option is being selected. For each location that <<customer_short_name>> wishes to convert to the TN Option, <<customer_short_name>> will submit a Subsequent Application and agrees

to include in the Comments section of the Subsequent Application the following comment:

This Subsequent Application is <<customer_short_name>>'s certification that <<customer_short_name>> is opting to convert this caged collocation arrangement to the TN Option and will permit BellSouth, or the BellSouth Certified Supplier, to measure its actual power usage on all power feeds.

- 8.7.10.4 BellSouth will bill <<customer_short_name>> a Power Reconfiguration Only Application Fee, as set forth in Exhibit B of this Attachment, on the date that BellSouth provides an Application Response to each Subsequent Application submitted by <<customer_short_name>> requesting to convert a caged collocation arrangement to the TN Option. BellSouth shall then arrange for the measurement of <<customer_short_name>>'s actual power usage on each power feed (each A and B power feed) once each quarter at each of <<customer_short_name>>'s caged collocation arrangements for which <<customer_short_name>> has submitted an Initial or Subsequent Application electing the TN Option. Based upon the actual power usage measurement taken by BellSouth or the BellSouth Certified Supplier, BellSouth shall assess <<customer_short_name>> for AC power usage for the following quarter based upon <<customer_short_name>>'s actual metered usage for each power feed (both the A and B power feeds) or a minimum of ten (10) amps of -48V DC power usage for the sum of the A and B feeds for each power cable, whichever is greater. Such usage shall then be multiplied by the AC power consumption rate, set forth in Exhibit B of this Attachment, to determine the appropriate monthly recurring AC Usage charge that will be billed to <<customer_short_name>> for the following three (3) months or until the next AC power usage measurement is taken, whichever is later.
- 8.7.10.5 Either Party, within fifteen (15) days of notice of the usage measurement established by the scheduled meter reading, may challenge the accuracy of that reading by requesting a new reading. If <<customer_short_name>> requests that an unscheduled (prior to the next scheduled quarterly power reading date) power usage reading be taken, then <<customer_short_name>> will be responsible for paying the "Additional Meter Reading Trip Charge" contained in Exhibit B of this Attachment. If BellSouth requests a power usage reading be taken in this instance, then <<customer_short_name>> will not be charged the "Additional Meter Reading Trip Charge" for the unscheduled meter reading. If the readings vary by more than ten (10) % or five (5) Amps, whichever is greater, the Parties shall work cooperatively to reconcile such discrepancies and establish the appropriate usage figure in a reasonable and expeditious manner. If the readings do not vary outside these ranges, the initial reading will be used to calculate <<customer_short_name>>'s AC Usage charge for the next three (3) months.
- 8.7.10.6 In the event BellSouth elects to measure <<customer_short_name>>'s power using <<customer_short_name>>'s BDFB meter, then BellSouth, at any time and at its own

expense, shall have the right to verify the accuracy of <<customer_short_name>>'s BDFB meter by performing its own meter reading via an alternate method, such as, but not limited to, an ammeter. If the meter readings vary significantly, the Parties agree to perform a joint investigation. If <<customer_short_name>>'s BDFB meter is found to be in error, then <<customer_short_name>> agrees to recalibrate, repair, or replace its meter as required. The Parties recognize that the meter readings discussed in this Attachment are instantaneous readings that can experience minor fluctuations due to usage traffic, voltage fluctuations, and calibration of the meters themselves. The readings must vary by more than ten (10) % or five (5) Amps, whichever is greater, before any recalibration, repair, or replacement will be required. If the BellSouth reading is substantiated, BellSouth shall adjust <<customer_short_name>>'s billing retroactive to the beginning of the quarter for which the last meter reading was taken.

- 8.7.10.7 When <<customer_short_name>> submits the appropriate Initial or Subsequent Application indicating its desire to elect the TN Option for a specific caged collocation arrangement in a particular BellSouth Premises, BellSouth will provide the associated Application Response pursuant to Section 6 of this Attachment. It will then be the responsibility of <<customer_short_name>> to submit a BFFO, indicating its desire to proceed with its request to elect the TN Option. After BellSouth receives the BFFO from <<customer_short_name>>, the Initial or Subsequent Application will be completed by BellSouth within the provisioning intervals contained in Section 7 of this Attachment and <<customer_short_name>> will be notified of the Space Ready Date or when the appropriate record and database changes have been made by BellSouth to reflect <<customer_short_name>>'s election of the TN Option (which will be considered the "Space Ready Date" for purposes of a Subsequent Application submitted to convert a specific caged collocation arrangement in a particular BellSouth Premises to the TN Option). BellSouth will not permit <<customer_short_name>> to elect an earlier Space Acceptance Date than the Space Ready Date for any request submitted via a Subsequent Application for an existing caged collocation arrangement. When a Subsequent Application is used to elect the TN Option and there are no other changes requested, billing for the recurring charges associated with the AC Usage and DC Power Infrastructure components will begin upon the Space Ready Date. If <<customer_short_name>> occupies the space prior to the Space Ready Date, for Initial Application requests only, the date <<customer_short_name>> occupies the space will be deemed the new Space Acceptance Date and billing for the AC Usage and DC Power Infrastructure components will begin on that date. When <<customer_short_name>> elects to move to the TN Option, the number of fused amps of DC Power infrastructure capacity requested by <<customer_short_name>> on its Initial or Subsequent Application will be used for calculating the number of amps to be billed for the AC Usage component until such time as BellSouth or its BellSouth Certified Supplier can perform, under the currently existing quarterly meter reading schedule, a reading of <<customer_short_name>>'s power usage for the requested caged Collocation Space. As soon as this reading has been taken, BellSouth will adjust

- <<customer_short_name>>'s billing accordingly to reflect the actual metered usage back to the Space Acceptance Date. BellSouth will also use this reading for billing purposes until the next quarterly meter reading is performed by BellSouth or its BellSouth Certified Supplier.
- 8.7.10.8 BellSouth shall assess <<customer_short_name>> the monthly recurring charge as set forth in Exhibit B of this Attachment for BellSouth's power plant infrastructure component of the DC power charges based upon the number of fused DC power amps requested by <<customer_short_name>>, as reflected by <<customer_short_name>> on its Initial Application, as well as any Subsequent Applications (i.e., augment applications), for the particular caged collocation arrangement(s) converted to the TN Option or any new caged collocation arrangement(s) for which <<customer_short_name>> has chosen the TN Option.
- 8.7.10.9 <<customer_short_name>> agrees to submit a Subsequent Application to notify BellSouth when <<customer_short_name>> has removed or installed telecommunications equipment in <<customer_short_name>>'s physical Collocation Space to ensure that <<customer_short_name>>'s existing fused DC power capacity is sufficiently engineered to accommodate the power requirements associated with the installation of additional equipment in <<customer_short_name>>'s Collocation Space. An associated change in power usage will be reflected in the next quarterly power measurement billing cycle.
- 8.7.10.10 BellSouth will bill <<customer_short_name>> a monthly recurring charge per caged Collocation Space for each arrangement that <<customer_short_name>> has converted to the TN Option or has elected the TN Option for new caged Collocation Space. This "Meter Reading" monthly recurring rate element will be assessed to <<customer_short_name>> for the first twelve (12) power circuits (each A and B feed counts as two circuits), and then for each additional two (2) circuits, read by BellSouth or its BellSouth Certified Supplier, at the rates set forth in Exhibit B of this Attachment and based on whether the power meter is provided by BellSouth or its BellSouth Certified Supplier or <<customer_short_name>>.
- 8.7.11 In Alabama and Louisiana, <<customer_short_name>> has the option to purchase power directly from an electric utility company. Under such option, <<customer_short_name>> is responsible for contracting with the electric utility company for its own power feed and meter and is financially responsible for purchasing all equipment necessary to accomplish the arrangement, including inverters, batteries, power boards, bus bars, BDFBs, backup power supplies and cabling. The actual work to install this arrangement must be performed by a BellSouth Certified Supplier hired by <<customer_short_name>>. <<customer_short_name>>'s BellSouth Certified Supplier must comply with all applicable safety codes, including the NEC and National Electric Safety Code (NESC) standards, in the installation of this power arrangement. If <<customer_short_name>> currently has power supplied by BellSouth,

- <<customer_short_name>> may request to change its Collocation Space to obtain power from an electric utility company by submitting a Subsequent Application. BellSouth will waive the application fee for this Subsequent Application if no other changes are requested therein. Any floor space, cable racking, etc. utilized by <<customer_short_name>> in provisioning said power will be billed by BellSouth on an ICB basis.
- 8.7.12 In South Carolina, <<customer_short_name>> has the option to purchase power directly from an electric utility company where technically feasible and where space is available in a requested BellSouth Premises. Under such option, <<customer_short_name>> is responsible for contracting with the electric utility company for its own power feed and meter, and is financially responsible for purchasing all equipment necessary to accomplish the conversion of the commercial AC power to DC power, including inverters, batteries, power boards, bus bars, BDFBs, backup power supplies and power cabling. The actual work to install this arrangement must be performed by a BellSouth Certified Supplier hired by <<customer_short_name>>. <<customer_short_name>>'s BellSouth Certified Supplier must comply with all applicable national, regional, state and local safety, electrical, fire and building codes, including the NESC standards, in the installing this power arrangement, just as BellSouth is required to comply with these codes. <<customer_short_name>> must submit an application to BellSouth for the appropriate amount of Collocation Space that <<customer_short_name>> requires in order to install this type of power arrangement. BellSouth will evaluate the request and determine if the appropriate amount of space is available within the BellSouth Premises for the installation of <<customer_short_name>>'s power equipment and facilities. This type of power arrangement must be located in an appropriate area in the BellSouth Premises that has been properly conditioned for the installation of power equipment and conforms to the applicable national, regional, state and local safety, electrical, fire and building codes. BellSouth shall waive the application fee or any other nonrecurring charge that would otherwise be due from a competitive local exchange carrier (CLEC) that decides to reconfigure an existing collocation power arrangement so as to purchase power directly from an electric utility company as provided herein. <<customer_short_name>> shall be responsible for the recurring charges associated with the additional space needed in the BellSouth Premises for this type of power arrangement, including space required to place associated power-related equipment and facilities (i.e., batteries, generator, fuse panel, power meter, etc.). If there is no space available for this type of power arrangement in the requested BellSouth Premises, BellSouth may seek a waiver of these requirements from the Commission for the BellSouth Premises requested. <<customer_short_name>> would have the option to order its power needs directly from BellSouth
- 8.7.13 In Alabama and Louisiana, if <<customer_short_name>> has existing power configurations currently served from the BellSouth main power board and requests that its power be reconfigured to connect to a BellSouth BDFB, in a specific

- BellSouth Premises, <<customer_short_name>> must submit a Subsequent Application to BellSouth. BellSouth will provide a response to such application within seven (7) days and no application fee will be assessed by BellSouth for this one time only power reconfiguration to a BellSouth BDFB. For any power reconfigurations thereafter, <<customer_short_name>> will submit a Subsequent Application and the appropriate application fee will apply.
- 8.8 Cable Installation. Cable Installation fees will be assessed on a per entrance cable basis. This nonrecurring charge will be billed by BellSouth upon receipt of <<customer_short_name>>'s BFFO.
- 8.9 Cable Records. Cable Records charges apply for work activities required to build or remove existing cable records assigned to <<customer_short_name>> in BellSouth's database systems. The VG/DS0 per cable record charge is for a maximum of 3,600 records per request. The fiber cable record charge is for a maximum of 99 records per request. Cable Record fees will be assessed as a nonrecurring charge, upon receipt of <<customer_short_name>>'s BFFO, in all BellSouth states, except Louisiana. In Louisiana, Cable Record fees will be assessed on a monthly recurring charge basis, upon receipt of <<customer_short_name>>'s BFFO.
- 8.10 Security Escort. After <<customer_short_name>> has used its one accompanied site visit, pursuant to Section 5.12.1, and prior to <<customer_short_name>>'s completion of the BellSouth Security Training requirements, contained in Section 12 of this Agreement, a security escort will be required when <<customer_short_name>>'s employees, approved agent, supplier, or Guest(s) desire access to the entrance manhole or a BellSouth Premises. The rates for security escort service are assessed pursuant to the fee schedule contained in Exhibit B, beginning with the scheduled escort time agreed to by the Parties. BellSouth will wait for one-half (1/2) hour after the scheduled escort time to provide such requested escort service and <<customer_short_name>> shall pay for such half-hour charges in the event <<customer_short_name>>'s employees, approved agent, supplier or Guest(s) fails to show up for the scheduled escort appointment.
- 8.11 Other. If no collocation rate element and associated rate is identified in Exhibit B of this Attachment, the Parties, upon request by either Party, will negotiate the rate for the specific collocation service or function identified in this Attachment.
- 9. Insurance**
- 9.1 <<customer_short_name>> shall, at its sole cost and expense, procure, maintain, and keep in force insurance as specified in this Section and underwritten by insurance companies licensed to do business in the states applicable under this Agreement and having a Best's Insurance Rating of A-.
- 9.2 <<customer_short_name>> shall maintain the following specific coverage:

- 9.2.1 Commercial General Liability coverage in the amount of ten million dollars (\$10,000,000.00) or a combination of Commercial General Liability and Excess/Umbrella coverage totaling not less than ten million dollars (\$10,000,000.00). BellSouth shall be named as an Additional Insured on the Commercial General Liability policy as specified herein.
- 9.2.2 Statutory Workers Compensation coverage and Employers Liability coverage in the amount of one hundred thousand dollars (\$100,000.00) each accident, one hundred thousand dollars (\$100,000.00) each employee by disease, and five hundred thousand dollars (\$500,000.00) policy limit by disease.
- 9.2.3 All Risk Property coverage on a full replacement cost basis insuring all of <<customer_short_name>>'s real and personal property situated on or within a BellSouth Premises.
- 9.2.4 <<customer_short_name>> may elect to purchase business interruption and contingent business interruption insurance, having been advised that BellSouth assumes no liability for loss of profit or revenues should an interruption of service occur.
- 9.3 The limits set forth in Section 9.2 above may be increased by BellSouth from time to time during the term of this Agreement, upon thirty (30) days notice to <<customer_short_name>>, to at least such minimum limits as shall then be customary with respect to comparable occupancy of BellSouth structures.
- 9.4 All policies purchased by <<customer_short_name>> 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 Agreement or until all of <<customer_short_name>>'s property has been removed from BellSouth's Premises, whichever period is longer. If <<customer_short_name>> fails to maintain required coverage, BellSouth may pay the premiums thereon and seek reimbursement of same from <<customer_short_name>>.
- 9.5 <<customer_short_name>> shall submit certificates of insurance reflecting the coverage required pursuant to this Section within a minimum of ten (10) business days prior to the commencement of any work in the Collocation Space. Failure to meet this interval may result in construction and equipment installation delays. <<customer_short_name>> shall arrange for BellSouth to receive thirty (30) business days' advance notice of cancellation or non-renewal from <<customer_short_name>>'s insurance company. <<customer_short_name>> shall forward a certificate of insurance and notice of cancellation/non-renewal to BellSouth at the following address:
- BellSouth Telecommunications, Inc.
Attn.: Risk Management Office - Finance

17F54 BellSouth Center
675 W. Peachtree Street
Atlanta, Georgia 30375

- 9.6 <<customer_short_name>> must conform to recommendations made by BellSouth's fire insurance company to the extent BellSouth has agreed to, or shall hereafter agree to, such recommendations.
- 9.7 Self-Insurance. If <<customer_short_name>>'s net worth exceeds five hundred million dollars (\$500,000,000.00), <<customer_short_name>> may elect to request self-insurance status in lieu of obtaining any of the insurance required in Section 9.2. <<customer_short_name>> shall provide audited financial statements to BellSouth thirty (30) days prior to the commencement of any work in the Collocation Space. BellSouth shall then review such audited financial statements and respond in writing to <<customer_short_name>> in the event that self-insurance status is not granted to <<customer_short_name>>. If BellSouth approves <<customer_short_name>> for self-insurance, <<customer_short_name>> shall annually furnish to BellSouth, and keep current, evidence of such net worth that is attested to by one of <<customer_short_name>>'s corporate officers. The ability to self-insure shall continue so long as the <<customer_short_name>> meets all of the requirements of this Section. If <<customer_short_name>> subsequently no longer satisfies the requirements of this Section, <<customer_short_name>> is required to purchase insurance as indicated by Section 9.2.
- 9.8 The net worth requirements set forth in Section 9.7 may be increased by BellSouth from time to time during the term of this Agreement upon thirty (30) days' notice to <<customer_short_name>> to at least such minimum limits as shall then be customary with respect to comparable occupancy of a BellSouth Premises
- 9.9 Failure to comply with the provisions of this Section will be deemed a material breach of this Attachment.

10. Mechanics Lien

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

enforcement of such liens and shall pay any damage and discharge any judgment entered thereon.

11. Inspections

- 11.1 BellSouth may conduct an inspection of <<customer_short_name>>'s equipment and facilities in <<customer_short_name>>'s Collocation Space(s) prior to the activation of facilities and/or services between <<customer_short_name>>'s equipment and equipment of BellSouth. BellSouth may conduct an inspection if <<customer_short_name>> adds equipment and may otherwise conduct routine inspections at reasonable intervals mutually agreed upon by the Parties. BellSouth shall provide <<customer_short_name>> 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 inspections shall be borne by BellSouth.

12. Security and Safety Requirements

- 12.1 Unless otherwise specified, <<customer_short_name>> will be required, at its own expense, to conduct a statewide investigation of criminal history records for each <<customer_short_name>> employee hired in the past five years being considered for work on a BellSouth Premises, for the states/counties where the <<customer_short_name>> 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. <<customer_short_name>> shall not be required to perform this investigation if an affiliated company of <<customer_short_name>> has performed an investigation of the <<customer_short_name>> employee seeking access, if such investigation meets the criteria set forth above. This requirement will not apply if <<customer_short_name>> has performed a pre-employment statewide investigation of criminal history records of the <<customer_short_name>> employee for the states/counties where the <<customer_short_name>> employee has worked and lived for the past five years or, where state law does not permit a statewide investigation, an investigation of the applicable counties.
- 12.2 <<customer_short_name>> will be required to administer to its personnel assigned to the BellSouth Premises security training either provided by BellSouth, or meeting criteria defined by BellSouth at www.interconnection.bellsouth.com/guides.
- 12.3 <<customer_short_name>> shall provide its employees and agents with picture identification, which must be worn and visible at all times while in <<customer_short_name>>'s Collocation Space or other areas in or around the BellSouth Premises. The photo identification card shall bear, at a minimum, the employee's name and photo and <<customer_short_name>>'s name. BellSouth reserves the right to remove from a BellSouth Premises any employee of <<customer_short_name>> not possessing identification issued by

- <<customer_short_name>> or who has violated any of BellSouth's policies as outlined in the CLEC Security Training documents. <<customer_short_name>> shall hold BellSouth harmless for any damages resulting from such removal of <<customer_short_name>>'s personnel from a BellSouth Premises. <<customer_short_name>> shall be solely responsible for ensuring that any Guest(s) of <<customer_short_name>> is in compliance with all subsections of this Section.
- 12.4 <<customer_short_name>> shall not assign to the BellSouth Premises any personnel with records of felony criminal convictions. <<customer_short_name>> 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 of <<customer_short_name>>'s personnel who have been identified to have misdemeanor criminal convictions. Notwithstanding the foregoing, in the event <<customer_short_name>> chooses not to advise BellSouth of the nature and gravity of any misdemeanor conviction, <<customer_short_name>> may, in the alternative, certify to BellSouth that it shall not assign to the BellSouth Premises any personnel with records of misdemeanor convictions (other than misdemeanor traffic violations).
- 12.4.1 <<customer_short_name>> shall not knowingly assign to the BellSouth Premises any individual who was a former employee of BellSouth and whose employment with BellSouth was terminated for a criminal offense, whether or not BellSouth sought prosecution of the individual for the criminal offense.
- 12.4.2 <<customer_short_name>> shall not knowingly assign to the BellSouth Premises any individual who was a former supplier of BellSouth and whose access to a BellSouth Premises was revoked due to the commission of a criminal offense, whether or not BellSouth sought prosecution of the individual for the criminal offense.
- 12.5 For each <<customer_short_name>> employee or agent hired by <<customer_short_name>> within the last five years, who requires access to a BellSouth Premises to perform work in <<customer_short_name>> Collocation Space(s), <<customer_short_name>> shall furnish BellSouth certification that the aforementioned background check and security training were completed. This certification must be provided to and approved by BellSouth before an employee or agent will be granted such access to a BellSouth Premises. The certification will contain a statement that no felony convictions were found and certify that the employee completed the security training. If the employee's criminal history includes misdemeanor convictions, <<customer_short_name>> will disclose the nature of the convictions to BellSouth at that time. In the alternative, <<customer_short_name>> may certify to BellSouth that it shall not assign to the BellSouth Premises any personnel with records of misdemeanor convictions, other than misdemeanor traffic violations.

- 12.5.1 For all other <<customer_short_name>> employees requiring access to a BellSouth Premises pursuant to this Attachment, <<customer_short_name>> shall furnish BellSouth, prior to an employee gaining such access, a certification that the employee is not subject to the requirements of Section 12.5 above and that security training was completed by the employee.
- 12.6 At BellSouth's request, <<customer_short_name>> shall promptly remove from the BellSouth Premises any employee of <<customer_short_name>> that BellSouth does not wish to grant access to a BellSouth Premises: 1) pursuant to any investigation conducted by BellSouth, or 2) prior to the initiation of an investigation if an employee of <<customer_short_name>> is found interfering with the property or personnel of BellSouth or another collocated telecommunications carrier, provided that an investigation shall be promptly commenced by BellSouth.
- 12.7 Security Violations. BellSouth reserves the right to interview <<customer_short_name>>'s employees, agents, suppliers, or Guests in the event of wrongdoing in or around a BellSouth Premises or involving BellSouth's or another collocated telecommunications carrier's property or personnel, provided that BellSouth shall provide reasonable notice to <<customer_short_name>>'s Security representative of such interview. <<customer_short_name>> and its employees, agents, suppliers, or Guests shall reasonably cooperate with BellSouth's investigation into allegations of wrongdoing or criminal conduct committed by, witnessed by, or involving <<customer_short_name>>'s employees, agents, suppliers, or Guests. Additionally, BellSouth reserves the right to bill <<customer_short_name>> for all reasonable costs associated with investigations involving its employees, agents, suppliers, or Guests if it is established and mutually agreed in good faith that <<customer_short_name>>'s employees, agents, suppliers, or Guests are responsible for the alleged act(s). BellSouth shall bill <<customer_short_name>> for BellSouth property, which is stolen or damaged, where an investigation determines the culpability of <<customer_short_name>>'s employees, agents, suppliers, or Guests and where <<customer_short_name>> agrees, in good faith, with the results of such investigation. <<customer_short_name>> shall notify BellSouth in writing immediately in the event that <<customer_short_name>> discovers one of its employees, agents, suppliers, or Guests already working on the BellSouth Premises is a possible security risk. Upon request of the other Party, the Party who is the employer shall discipline consistent with its employment practices, up to and including removal from BellSouth's Premises, any employee found to have violated the security and safety requirements of this Section. <<customer_short_name>> shall hold BellSouth harmless for any damages resulting from such removal of <<customer_short_name>>'s personnel from a BellSouth Premises.
- 12.8 Use of Supplies. Unauthorized use of equipment, supplies or other property by either Party, whether or not used routinely to provide telephone service will be strictly prohibited and handled appropriately. Costs associated with such unauthorized use may be charged to the offending Party, as may be all associated investigative costs.

12.9 Use of Official Lines. Except for non-toll calls necessary in the performance of their work, neither Party shall use the telephone(s) of the other Party on BellSouth's Premises. Charges for unauthorized telephone calls may be charged to the offending Party, as may be all associated investigative costs.

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

13. **Destruction of Collocation Space**

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

14. Eminent Domain

- 14.1 If the whole of a Collocation Space or Adjacent Arrangement shall be taken by any public authority under the power of eminent domain, then this Attachment shall terminate with respect to such Collocation Space or Adjacent Arrangement as of the date 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 a 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 <<customer_short_name>> 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.

15. Nonexclusivity

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

ENVIRONMENTAL AND SAFETY PRINCIPLES

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

1. GENERAL PRINCIPLES

- 1.1 Compliance with Applicable Law. BellSouth and <<customer_short_name>> 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 National Fire Protection Association (NFPA), NEC and National Electric Safety Codes (NESC) (Applicable Laws) requirements. 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 <<customer_short_name>> shall provide notice to the other, including any Material Safety Data Sheets (MSDSs), of known and recognized physical hazards or Hazardous Chemicals existing on site or brought on site. A Hazardous Chemical inventory list is posted on an OSHA Poster and updated annually at each Central Office. This Poster is normally located near the front entrance of the building or in the lounge area. Each Party is required to provide specific notice for known potential Imminent Danger conditions. <<customer_short_name>> should contact 1-800-743-6737 for any BellSouth MSDS required.
- 1.3 Practices/Procedures. BellSouth may make available additional environmental control procedures for <<customer_short_name>> to follow when working at a BellSouth Premises (See Section 2, below). These practices/procedures will represent the regular work practices required to be followed by the employees and suppliers of BellSouth for environmental protection. <<customer_short_name>> will require its suppliers, agents, Guests, and others accessing the BellSouth Premises to comply with these practices. Section 2 lists the Environmental categories where BST practices should be followed by <<customer_short_name>> when operating in the BellSouth Premises.
- 1.4 Environmental and Safety Inspections. BellSouth reserves the right to inspect the <<customer_short_name>> space with proper notification. BellSouth reserves the right to stop any <<customer_short_name>> work operation that imposes Imminent Danger to the environment, employees or other persons in or around a BellSouth Premises.
- 1.5 Hazardous Materials Brought On Site. Any hazardous materials brought into, used, stored or abandoned at a BellSouth Premises by <<customer_short_name>> are owned by and considered the property of <<customer_short_name>>. <<customer_short_name>> 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 <<customer_short_name>> or different hazardous materials used by <<customer_short_name>> at a BellSouth Premises. <<customer_short_name>> must demonstrate adequate emergency response capabilities for the materials used by <<customer_short_name>> or remaining at a BellSouth Premises.

- 1.6 Spills and Releases. When contamination is discovered at a BellSouth Premises, either Party discovering the condition must notify the other Party. All Spills or Releases of regulated materials will immediately be reported by <<customer_short_name>> to BellSouth.
- 1.7 Coordinated Environmental Plans and Permits. BellSouth and <<customer_short_name>> 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 <<customer_short_name>> will develop a cost sharing procedure. If BellSouth's permit or EPA identification number must be used, <<customer_short_name>> must comply with all of BellSouth's permit conditions and environmental processes, including environmental "best management practices (BMP)" (see Section 2, below) and the selection of BST disposition vendors and disposal sites.
- 1.8 Environmental and Safety Indemnification. BellSouth and <<customer_short_name>> 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 employees, agents, suppliers, or Guests concerning its operations at a BellSouth Premises.

2. CATEGORIES FOR CONSIDERATION OF ENVIRONMENTAL ISSUES

- 2.1 When performing functions that fall under the following Environmental categories on BellSouth's Premises, <<customer_short_name>> 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. <<customer_short_name>> further agrees to cooperate with BellSouth to ensure that <<customer_short_name>>'s employees, agents, suppliers and/or Guests are knowledgeable of and satisfy those provisions of BellSouth's Environmental M&Ps, which apply to the specific Environmental function being performed by <<customer_short_name>>, its employees, agents, suppliers, and/or Guests.
- 2.2 The most current version of the reference documentation must be requested from <<customer_short_name>>'s BellSouth Regional Contract Manager (RCM).

ENVIRONMENTAL CATEGORIES	ENVIRONMENTAL ISSUES	ADDRESSED BY THE FOLLOWING DOCUMENTATION
Disposal of hazardous material or other regulated material (e.g., batteries, fluorescent tubes, solvents & cleaning materials)	Compliance with all applicable local, state, & federal laws and regulations Pollution liability insurance EVET approval of supplier	Std T&C 450 Fact Sheet Series 17000 Std T&C 660-3 Approved Environmental Vendor List (Contact RCM Representative)
Emergency response	Hazmat/waste release/spill fire safety emergency	Fact Sheet Series 17000 Building Emergency Operations Plan (EOP) (specific to and located on BellSouth's Premises)
Contract labor/outsourcing for services with environmental implications to be performed on BellSouth Premises (e.g., disposition of hazardous material/waste; maintenance of storage tanks)	Compliance with all applicable local, state, & federal laws and regulations Performance of services in accordance with BST's environmental M&Ps Insurance	Std T&C 450 Std T&C 450-B (Contact RCM Representative for copy of appropriate E/S M&Ps.) Std T&C 660
Transportation of hazardous material	Compliance with all applicable local, state, & federal laws and regulations Pollution liability insurance EVET approval of supplier	Std T&C 450 Fact Sheet Series 17000 Std T&C 660-3 Approved Environmental Vendor List (Contact RCM Representative)
Maintenance/operations work which may produce a waste Other maintenance work	Compliance with all applicable local, state, & federal laws and regulations Protection of BST employees and equipment	Std T&C 450 29CFR 1910.147 (OSHA Standard) 29CFR 1910 Subpart O

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

3. DEFINITIONS

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

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

Hazardous Waste. As defined in Section 1004 of RCRA.

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

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

4. ACRONYMS

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

BST – BellSouth Telecommunications

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

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

E/S – Environmental/Safety

EVET - Environmental Vendor Evaluation Team

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

NESC - National Electrical Safety Codes

P&SM - Property & Services Management

Std T&C - Standard Terms & Conditions

Attachment 4

Remote Site Collocation

**REMOTE SITE COLLOCATION
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EXHIBIT A ENVIRONMENTAL AND SAFETY PRINCIPLES

EXHIBIT B RATES

BELLSOUTH
REMOTE SITE COLLOCATION

1. Scope of Attachment

- 1.1 Scope. The rates, terms, and conditions contained within this Attachment shall only apply when <<customer_short_name>> is occupying the collocation space as a sole occupant or as a Host within a Remote Site Location (“Remote Collocation Space”) pursuant to this Attachment. BellSouth Premises include BellSouth Central Offices and Serving Wire Centers (hereinafter “BellSouth Premises”). This Attachment is applicable to BellSouth Premises owned or leased by BellSouth. However, if the BellSouth Premises occupied by BellSouth is leased by BellSouth from a third party, special considerations and intervals may apply in addition to the terms and conditions contained in this Attachment.
- 1.2 Right to occupy. BellSouth shall offer to <<customer_short_name>> Remote Collocation Space on rates, terms, and conditions that are just, reasonable, non-discriminatory, and consistent with the rules of the Federal Communications Commission (“FCC”). Subject to the rates, terms, and conditions of this Attachment, where space is available and collocation is technically feasible, BellSouth will allow <<customer_short_name>> to occupy that certain area designated by BellSouth within a BellSouth Remote Site Location, or on BellSouth property upon which the BellSouth Remote Site Location is located, of a size, which is specified by <<customer_short_name>> and agreed to by BellSouth. BellSouth Remote Site Locations include cabinets, huts, and controlled environmental vaults owned or leased by BellSouth that house BellSouth Network Facilities. To the extent this Attachment does not include all the necessary rates, terms and conditions for BellSouth Remote Site Locations other than cabinets, huts and controlled environmental vaults, the Parties will negotiate said rates, terms, and conditions upon request for collocation at BellSouth Remote Site Locations other than those specified above.
- 1.3 Space Reservation.
- 1.3.1 In all states other than Florida, the number of bays specified by <<customer_short_name>> may contemplate a request for space sufficient to accommodate <<customer_short_name>>’s growth within a two-year period.
- 1.3.2 In the state of Florida, the number of bays specified by <<customer_short_name>> may contemplate a request for space sufficient to accommodate <<customer_short_name>>’s growth within an eighteen (18) month period.

- 1.3.3 Neither BellSouth nor any of BellSouth's affiliates may reserve space for future use on more preferential terms than those set forth above.
- 1.4 Third Party Property. If the Premises, or the property on which it is located, is leased by BellSouth from a Third Party or otherwise controlled by a Third Party, special considerations and intervals may apply in addition to the terms and conditions of this Attachment. Additionally, where BellSouth notifies <<customer_short_name>> that BellSouth's agreement with a Third Party does not grant BellSouth the ability to provide access and use rights to others, upon <<customer_short_name>>'s request, BellSouth will use its best efforts to obtain the owner's consent and to otherwise secure such rights for <<customer_short_name>>. <<customer_short_name>> agrees to reimburse BellSouth for the reasonable and demonstrable costs incurred by BellSouth in obtaining such rights for <<customer_short_name>>. In cases where a Third Party agreement does not grant BellSouth the right to provide access and use rights to others as contemplated by this Attachment and BellSouth, despite its best efforts, is unable to secure such access and use rights for <<customer_short_name>> as above, <<customer_short_name>> shall be responsible for obtaining such permission to access and use such property. BellSouth shall cooperate with <<customer_short_name>> in obtaining such permission.
- 1.5 Space Reclamation. In the event of space exhaust within a Remote Site Location, BellSouth may include in its documentation for the Petition for Waiver filing any unutilized space in the Remote Site Location. <<customer_short_name>> will be responsible for any justification of unutilized space within its Remote Collocation Space, if the Commission requires such justification.
- 1.6 Use of Space. <<customer_short_name>> shall use the Remote Collocation Space for the purposes of installing, maintaining and operating <<customer_short_name>>'s equipment (which may include testing and monitoring equipment) necessary for interconnection with BellSouth services and facilities or for accessing BellSouth unbundled network elements (UNEs) in accordance with the Act and FCC and Commission rules. The Remote Collocation Space may be used for no other purposes except as specifically described herein or in any amendment hereto.
- 1.7 Due Dates. If any due date contained in this Attachment falls on a weekend or National holiday, then the due date will be the next business day thereafter. For intervals of ten (10) days or less National holidays will be excluded. . For purposes of this Attachment, national holidays include the following: New Year's Day, Martin Luther King, Jr. Day, President's Day (Washington's Birthday), Memorial Day, Independence Day, Labor Day, Columbus Day, Veteran's Day, Thanksgiving Day, and Christmas Day.
- 1.8 Compliance. Subject to Section 24 of the General Terms and Conditions of this Agreement, the Parties agree to comply with all applicable federal, state, county, local and administrative laws, rules, ordinances, regulations and codes in the performance of their obligations hereunder.

2. Space Availability Optional Report

- 2.1 Space Availability Optional Report. Upon request from <<customer_short_name>>, BellSouth will provide a written report ("Space Availability Report"), describing in detail the space that is available for collocation and specifying the amount of Remote Collocation Space available at the Remote Site Location requested, the number of collocators present at the Remote Site Location, any modifications in the use of the space since the last report on the Remote Site Location requested and the measures BellSouth is taking to make additional space available for collocation arrangements. A Space Availability Report does not reserve space at the Remote Site Location.
- 2.1.1 The request from <<customer_short_name>> for a Space Availability Report must be written and must include the Common Language Location Identification ("CLLI") code for both the Remote Site Location and the serving wire center. The CLLI code information for the serving wire center is located in the National Exchange Carrier Association (NECA) Tariff FCC No. 4. If <<customer_short_name>> is unable to obtain the CLLI code for the Remote Site Location from, for example, a site visit to the remote site, <<customer_short_name>> may request the CLLI code from BellSouth. To obtain a CLLI code for a Remote Site Location directly from BellSouth, <<customer_short_name>> should submit to BellSouth a Remote Site Interconnection Request for the serving wire center CLLI code prior to submitting its request for a Space Availability Report. <<customer_short_name>> should complete all the requested information and submit the Request to BellSouth. BellSouth will bill the applicable fee upon receipt of the request.
- 2.1.2 BellSouth will respond to a request for a Space Availability Report for a particular Remote Site Location within ten (10) days of receipt of such request. BellSouth will make commercially reasonable efforts to respond in ten (10) days to such a request when the request includes from two (2) to five (5) Remote Site Locations within the same state. The response time for requests of more than five (5) Remote Site Locations shall be negotiated between the Parties. If BellSouth cannot meet the ten (10) day response time, BellSouth shall notify <<customer_short_name>> and inform <<customer_short_name>> of the time frame under which it can respond.
- 2.2 Remote Terminal Information. Upon request, BellSouth will provide <<customer_short_name>> with the following information concerning BellSouth's remote terminals: (i) the address of the remote terminal; (ii) the CLLI code of the remote terminal; (iii) the carrier serving area of the remote terminal; (iv) the designation of which remote terminals subtend a particular central office; and (v) the number and address of customers that are served by a particular remote terminal.
- 2.2.1 BellSouth will provide this information on a first come, first served basis within thirty (30) days of a <<customer_short_name>> request subject to the following conditions: (i) the information will only be provided on a CD in the same format in which it

appears in BellSouth's systems; (ii) the information will only be provided for each serving wire center designated by <<customer_short_name>>, up to a maximum of thirty (30) wire centers per <<customer_short_name>> request per month per state, and up to for a maximum of one hundred twenty (120) wire centers total per month per state for all CLECs; and (iii) <<customer_short_name>> agrees to pay the costs incurred by BellSouth in providing the information. Multiple Wire Center CLLI code requests may be place on one CD.

3. **Collocation Options**

- 3.1 **Cageless Collocation.** BellSouth shall allow <<customer_short_name>> to collocate <<customer_short_name>>'s equipment and facilities without requiring the construction of a cage or similar structure. BellSouth shall allow <<customer_short_name>> to have direct access to <<customer_short_name>>'s equipment and facilities in accordance with Section 5.8. BellSouth shall make cageless collocation available in single bay increments. Except where <<customer_short_name>>'s equipment requires special technical considerations (e.g., special cable racking or isolated ground plane), BellSouth shall assign cageless Remote Collocation Space in conventional equipment rack lineups where feasible. For equipment requiring special technical considerations, <<customer_short_name>> must provide the equipment layout, including spatial dimensions for such equipment pursuant to generic requirements contained in Telcordia GR-63-Core, and shall be responsible for compliance with all special technical requirements associated with such equipment pursuant to Section 7.4 following.
- 3.2 **Caged Collocation.** At <<customer_short_name>>'s option and expense, <<customer_short_name>> may arrange with a Supplier certified by BellSouth ("BellSouth Certified Supplier") to construct a collocation arrangement enclosure, where technically feasible as that term has been defined by the FCC, in accordance with BellSouth's specifications for a wire mesh enclosure prior to starting equipment installation. Where local building codes require enclosure specifications more stringent than BellSouth's wire mesh enclosure specifications, <<customer_short_name>> and <<customer_short_name>>'s BellSouth Certified Supplier must comply with the more stringent local building code requirements. <<customer_short_name>>'s BellSouth Certified Supplier shall be responsible for filing and obtaining any and all necessary permits and/or licenses for such construction. BellSouth or BellSouth's designated agent or contractor shall provide, at <<customer_short_name>>'s expense, documentation, which may include existing building architectural drawings, enclosure drawings, and specifications etc., necessary for <<customer_short_name>>'s BellSouth Certified Supplier to obtain the zoning, permits and/or other licenses. <<customer_short_name>>'s BellSouth Certified Supplier shall bill <<customer_short_name>> directly for all work performed for <<customer_short_name>> pursuant to this Attachment and BellSouth shall have no liability for nor responsibility to pay such charges imposed by <<customer_short_name>>'s BellSouth Certified Supplier. <<customer_short_name>> must provide the local BellSouth Remote Site Location

contact with two Access Keys used to enter the locked enclosure. Except in case of emergency, BellSouth will not access <<customer_short_name>>'s locked enclosure prior to notifying <<customer_short_name>> at least forty-eight (48) hours or two (2) business days, whichever is greater, before access to <<customer_short_name>>'s Remote Site Location is required. Upon request, BellSouth shall construct the enclosure for <<customer_short_name>>.

- 3.2.1 BellSouth may elect to review <<customer_short_name>>'s plans and specifications, if <<customer_short_name>> has indicated its desire to have <<customer_short_name>>'s BellSouth Certified Supplier construct the collocation arrangement enclosure, prior to allowing the construction to start, to ensure <<customer_short_name>>'s compliance with BellSouth's wire mesh enclosure specifications. BellSouth will notify <<customer_short_name>> of its desire to execute this review in BellSouth's Application Response to <<customer_short_name>>'s application. The Application Response is defined for purposes of this Attachment as BellSouth's written response that includes sufficient information for <<customer_short_name>> to place a firm order for the Remote Collocation Space it is requesting. If <<customer_short_name>>'s application does not indicate their desire to construct their own enclosure and <<customer_short_name>> subsequently decides to construct its own enclosure prior to BellSouth's Application Response, then <<customer_short_name>> will resubmit its application, indicating its desire to construct its own enclosure. BellSouth shall complete its review within fifteen (15) days after BellSouth's receipt of <<customer_short_name>>'s plans and specifications. Regardless of whether or not BellSouth elects to review <<customer_short_name>>'s plans and specifications, BellSouth reserves the right to inspect the enclosure after construction to make sure it is constructed according to the submitted plans and specifications and/or BellSouth's wire mesh enclosure specifications, as applicable. If BellSouth decides to inspect the constructed Remote Collocation Space, BellSouth will complete its inspection within fifteen (15) days after receipt of <<customer_short_name>>'s written notification that the enclosure has been completed. BellSouth shall require <<customer_short_name>>, at <<customer_short_name>>'s expense, to remove or correct within seven (7) days after BellSouth has completed its inspection of <<customer_short_name>>'s caged Remote Collocation Space, any structure that does not meet <<customer_short_name>>'s plans and specifications or BellSouth's wire mesh enclosure specifications, as applicable.

- 3.3 Shared Caged Collocation. <<customer_short_name>> may allow other telecommunications carriers to sublease <<customer_short_name>>'s Remote Collocation Space pursuant to terms and conditions agreed to by <<customer_short_name>> ("Host") and other telecommunications carriers ("Guests") and pursuant to this Section, except where the BellSouth Remote Site Location is located within a leased space and BellSouth is prohibited by said lease from offering such an option or is located on property for which BellSouth holds an easement and such easement does not permit such an option. <<customer_short_name>> shall notify BellSouth in writing upon execution of any

agreement between the Host and its Guest prior to any application. Further, such notice shall include the name of the Guest(s) and the term of the agreement, and shall contain a certification by <<customer_short_name>> that said agreement imposes upon the Guest(s) the same terms and conditions for Remote Collocation Space as set forth in this Attachment between BellSouth and <<customer_short_name>>.

- 3.3.1 <<customer_short_name>>, as the Host, shall be the sole interface and responsible Party to BellSouth for assessment of rates and charges contained within this Attachment and for the purposes of ensuring that the safety and security requirements of this Attachment are fully complied with by the Guest, its employees and agents. BellSouth shall provide <<customer_short_name>> with a proration of the costs of the Remote Collocation Space based on the number of collocators and the space used by each. BellSouth will not allocate less than one (1) bay per Host/Guest. In those instances where the Host permits a Guest to use a shelf within the Host's bay, BellSouth will not prorate the cost of the bay. In all states other than Florida, and in addition to the foregoing, <<customer_short_name>> shall be the responsible Party to BellSouth for the purpose of submitting applications for bay placement for the Guest. In Florida the Guest may submit its own initial bay placement applications using the Host's access carrier name abbreviation (ACNA). A separate Guest application shall require the assessment of an Application Fee, as set forth in Exhibit B, which will be charged to the Host. BellSouth shall bill this nonrecurring fee on the date that BellSouth provides it written Application Response to the Guest(s) bona fide application.
- 3.3.2 Notwithstanding the foregoing, the Guest may arrange directly with BellSouth for the provision of the interconnecting facilities between BellSouth and the Guest and for the provision of the services, and/or access to UNEs. The bill for these interconnecting facilities, services and access to UNEs will be charged to the Guest pursuant to the applicable BellSouth tariff or the Guest's Interconnection Agreement with BellSouth.
- 3.3.3 <<customer_short_name>> shall indemnify and hold harmless BellSouth from any and all claims, actions, causes of action, of whatever kind or nature arising out of the presence of <<customer_short_name>>'s Guest(s) in the Remote Collocation Space except to the extent caused by BellSouth's sole negligence, gross negligence, or willful misconduct.
- 3.4 Adjacent Collocation. Subject to technical feasibility and space availability, BellSouth will permit an adjacent Remote Site collocation arrangement ("Adjacent Arrangement") on the property on which BellSouth's Remote Site is located when space within the Remote Site Location is legitimately exhausted, where the Adjacent Arrangement does not interfere with access to existing or planned structures or facilities on the Remote Site Location property. The Adjacent Arrangement shall be constructed or procured by <<customer_short_name>> and in conformance with BellSouth's design and construction specifications. Further, <<customer_short_name>> shall construct, procure, maintain and operate said

Adjacent Arrangement pursuant to all of the terms and conditions set forth in this Attachment. Rates shall be negotiated at the time of the application for the Adjacent Arrangement.

- 3.4.1 Should <<customer_short_name>> elect Adjacent Collocation, <<customer_short_name>> must arrange with a BellSouth Certified Supplier to construct or procure an Adjacent Arrangement structure in accordance with BellSouth's specifications. Where local building codes require specifications more stringent than BellSouth's own specifications, <<customer_short_name>> and <<customer_short_name>>'s BellSouth Certified Supplier must comply with local building code requirements. <<customer_short_name>>'s BellSouth Certified Supplier shall be responsible for filing and obtaining any and all necessary zoning, permits and/or licenses for such construction. <<customer_short_name>>'s BellSouth Certified Supplier shall bill <<customer_short_name>> directly for all work performed for <<customer_short_name>> pursuant to this Attachment and BellSouth shall have no liability for nor responsibility to pay such charges imposed by <<customer_short_name>>'s BellSouth Certified Supplier. <<customer_short_name>> must provide the local BellSouth Remote Site Location contact with two cards, keys or other access device used to enter the locked enclosure. Except in cases of emergency, BellSouth shall not access <<customer_short_name>>'s locked enclosure prior to notifying <<customer_short_name>> at least forty-eight (48) hours or two (2) business days, whichever is greater, before access to the locked enclosure is required.
- 3.4.2 <<customer_short_name>> must submit its plans and specifications to BellSouth with its firm order. BellSouth shall review <<customer_short_name>>'s plans and specifications prior to construction of an Adjacent Arrangement to ensure compliance with BellSouth's specifications. BellSouth shall complete its review within fifteen (15) days after receipt of plans and specifications. BellSouth may inspect the Adjacent Arrangement during and after construction to confirm it is constructed according to the submitted plans and specifications. If BellSouth decides to inspect the completed Adjacent Arrangement, BellSouth will complete its inspection within fifteen (15) days after receipt of <<customer_short_name>>'s written notification that the Adjacent Arrangement has been completed. BellSouth shall require <<customer_short_name>>, at <<customer_short_name>>'s expense, to remove or correct within seven (7) days after BellSouth has completed its inspection of <<customer_short_name>>'s Adjacent Arrangement, any structure that does not meet its submitted plans and specifications or, BellSouth's specifications, as applicable.
- 3.4.3 <<customer_short_name>> shall provide a concrete pad, the structure housing the Adjacent Arrangement, HVAC, lighting, and all facilities that connect the structure (i.e. racking, conduits, etc.) to the BellSouth point of demarcation. At <<customer_short_name>>'s option, and where the local authority having jurisdiction permits, BellSouth shall provide an AC power source and access to physical collocation services and facilities subject to the same nondiscriminatory requirements as applicable to any other physical collocation arrangement. In Alabama

and Louisiana, at <<customer_short_name>>'s request and expense, BellSouth will provide DC power to an Adjacent Collocation site where technically feasible, as that term has been defined by the FCC, and in accordance with applicable law, BellSouth will provide DC power in an Adjacent Arrangement provided that such provisioning can be done in compliance with the National Electric Code (NEC), any and all safety and local codes, such as, but not limited to, local zoning codes, and upon completion of negotiations between the Parties on the applicable rates and intervals.

<<customer_short_name>> will pay for any and all (100%) DC power construction and provisioning costs to an Adjacent Arrangement through individual case basis (ICB) pricing that must be paid as follows: fifty percent (50%) before the DC installation work begins, and fifty percent (50%) at completion of the DC installation work to the Adjacent Arrangement. <<customer_short_name>>'s BellSouth Certified Supplier shall be responsible, at <<customer_short_name>>'s expense, for filing and receiving any and all necessary zoning, permits and/or licenses for such arrangement. BellSouth shall allow Shared caged Host/Guest collocation within an Adjacent Arrangement pursuant to the terms and conditions set forth herein.

- 3.5 Co-Carrier Cross-Connects (CCXCs). A Co-Carrier Cross Connect (CCXC) is a cross connection between <<customer_short_name>> and another collocated telecommunications carrier, other than BellSouth, in the same BellSouth Remote Site Location. Where technically feasible, BellSouth will permit <<customer_short_name>> to interconnect between its Remote Collocation Space(s) and Remote Collocation Space(s) of another (or other) collocated telecommunications carrier(s) within the same BellSouth Remote Site Location via a CCXC, pursuant to FCC Rules. The other collocated telecommunications carrier's agreement must also contain CCXC rates, terms and conditions before BellSouth will permit the provisioning of CCXC between the two collocated carriers. The applicable BellSouth charges will be assessed to the collocated telecommunications carrier that requests the CCXC. <<customer_short_name>> is prohibited from using the Remote Collocation Space for the sole or primary purpose of cross-connecting to other collocated telecommunications carriers.

- 3.5.1 <<customer_short_name>> must contract with a BellSouth Certified Supplier to place the CCXC. The CCXC shall be provisioned using facilities owned by <<customer_short_name>>. Such cross-connections to other collocated telecommunications carriers may be made using either optical or electrical facilities. <<customer_short_name>> shall be responsible for providing a letter of authorization (LOA), with the application, to BellSouth from the other collocated telecommunications carrier to which it will be cross-connecting. The CCXC shall utilize BellSouth common cable support structure. . There will be a recurring charge per linear foot, per cable, of the common cable support structure used by <<customer_short_name>> to provision the CCXC to the other collocated telecommunications carrier. In those instances where <<customer_short_name>>'s equipment and the equipment of the other collocated telecommunications carrier are located in contiguous caged Remote Collocation Spaces, <<customer_short_name>> may use its own technicians to install the co-carrier cross connects using either

electrical or optical facilities between the sets of equipment of both collocated telecommunications carriers by constructing a dedicated cable support structure between the two contiguous cages. <<customer_short_name>> shall deploy such optical or electrical cross-connections directly between its own equipment and the equipment of the other collocated telecommunications carrier without being routed through BellSouth's equipment or, in the case of a CCXC provisioned between contiguous collocation spaces, common cable support structure. .

<<customer_short_name>> shall not provision CCXC on any BellSouth distribution frame, POT (Point of Termination) Bay, DSX (Digital System Cross-connect) panel or LGX (Light Guide Cross-connect) panel. <<customer_short_name>> is solely responsible for ensuring the integrity of the signal.

- 3.5.2 To place an order for a CCXC, <<customer_short_name>> must submit an application to BellSouth. If no modification to the Remote Collocation Space is requested other than the placement of a CCXC, the Co-Carrier Cross Connect Application Fee for a CCXC, as defined in Exhibit B, will apply. If other modifications are requested, in addition to the placement of a CCXC, the Application Fee will apply. BellSouth will bill this nonrecurring charge on the date that it provides an Application Response to <<customer_short_name>>.

4. Occupancy

- 4.1 Space Ready Date. BellSouth will notify <<customer_short_name>> in writing that the Remote Collocation Space is ready for occupancy ("Space Ready Date").

- 4.2 Acceptance Walk Through. <<customer_short_name>> will schedule and complete an acceptance walkthrough of each Remote Collocation Space with BellSouth within fifteen (15) days after BellSouth notifies <<customer_short_name>> that Remote Collocation Space is ready for occupancy ("Space Ready Date"). BellSouth will correct any deviations to <<customer_short_name>>'s original or jointly amended requirements within seven (7) days after the walkthrough, unless the Parties jointly agree upon a different time frame, and BellSouth shall establish a new Space Ready Date. Another acceptance walkthrough will then be scheduled and conducted within fifteen (15) days after the new Space Ready Date. This follow-up acceptance walkthrough will be limited to those items identified in the initial walkthrough. If <<customer_short_name>> completes its acceptance walkthrough within the fifteen (15) day interval(s) associated with the applicable Space Ready Date, billing will begin upon the date of <<customer_short_name>>'s acceptance of the Remote Collocation Space ("Space Acceptance Date"). In the event that <<customer_short_name>> fails to complete an acceptance walkthrough within this fifteen (15) day interval, the Remote Collocation Space shall be deemed accepted by <<customer_short_name>> on the Space Ready Date and billing will commence from that date.

- 4.3 Early Space Acceptance. If <<customer_short_name>> decides to occupy the Remote Collocation Space prior to the Space Ready Date, the date

- <<customer_short_name>> occupies the space is deemed the Space Acceptance Date and billing will begin from that date. <<customer_short_name>> must notify BellSouth in writing that its collocation equipment installation is complete. <<customer_short_name>>'s collocation equipment installation is complete, which is when <<customer_short_name>>'s equipment has been cross-connected to BellSouth's network for the purpose of provisioning telecommunication services to <<customer_short_name>>'s customers. BellSouth may, at its discretion, refuse to accept any orders for cross-connects until it has received such notice from <<customer_short_name>>.
- 4.4 Termination of Occupancy. In addition to any other provisions addressing termination of occupancy in this Attachment, <<customer_short_name>> may terminate occupancy in a particular Remote Collocation Space by submitting an application requesting termination of occupancy for such Remote Collocation Space. Such termination shall be effective upon BellSouth's acceptance of the Space Relinquishment Form. Billing for monthly recurring charges will cease on the date <<customer_short_name>> and BellSouth conduct an inspection of the terminated space and jointly sign off on the Space Relinquishment Form or on the date that <<customer_short_name>> signs off on the Space Relinquishment Form and sends the form to BellSouth if a subsequent inspection of the terminated space by BellSouth reveals no discrepancies. If the subsequent inspection by BellSouth reveals any discrepancies, billing will cease on the date that BellSouth and <<customer_short_name>> jointly conduct an inspection, which confirms that <<customer_short_name>> has corrected the discrepancies. An Application Fee will not apply for termination of occupancy. BellSouth may terminate <<customer_short_name>>'s right to occupy the Remote Collocation Space in the event <<customer_short_name>> fails to comply with any provision of this Agreement, for such Remote Collocation Space..
- 4.4.1 Upon termination of occupancy, <<customer_short_name>>, at its sole expense, shall remove its equipment and other property from the Remote Collocation Space. <<customer_short_name>> shall have thirty (30) days from the BFFO date ("Termination Date") to complete such removal, including the removal of all equipment and facilities of <<customer_short_name>>'s Guest(s), unless <<customer_short_name>>'s Guest(s) has assumed responsibility for the Remote Collocation Space housing the Guest(s)'s equipment and executed the appropriate documentation required by BellSouth to transfer the Remote Collocation Space to the Guest(s) prior to <<customer_short_name>>'s Termination Date.
- 4.4.2 <<customer_short_name>> shall continue payment of all monthly recurring charges to BellSouth until the date <<customer_short_name>>, and if applicable <<customer_short_name>>'s Guest(s), has fully vacated the Remote Collocation Space and the Space Relinquish Form has been accepted by BellSouth. If <<customer_short_name>> or <<customer_short_name>>'s Guest(s) fails to vacate the Remote Collocation Space within thirty (30) days from the Termination Date, BellSouth shall have the right to remove and dispose of the equipment and any other

property of <<customer_short_name>> or <<customer_short_name>>'s Guest(s), in any manner that BellSouth deems fit, at <<customer_short_name>>'s expense and with no liability whatsoever for <<customer_short_name>>'s property or <<customer_short_name>>'s Guest(s)'s property.

- 4.4.3 Upon termination of <<customer_short_name>>'s right to occupy Remote Collocation Space, the Remote Collocation Space will revert back to BellSouth, and <<customer_short_name>> shall surrender such Remote Collocation Space to BellSouth in the same condition as when it was first occupied by <<customer_short_name>>, with the exception of ordinary wear and tear, unless otherwise agreed to by the Parties. For CEVs and huts, <<customer_short_name>>'s BellSouth Certified Supplier shall be responsible for updating and making any necessary changes to BellSouth's records as required by BellSouth specifications including, but not limited to, Record Drawings and ERMA Records. <<customer_short_name>> shall be responsible for the cost of removing any <<customer_short_name>> constructed enclosure, as well as any support structures (e.g., racking, conduits, power cables, etc.), by the Termination Date and restoring the grounds to their original condition.

5. **Use of Remote Collocation Space**

- 5.1 **Equipment Type.** BellSouth permits the collocation and use of any type of equipment that is necessary and will be used primarily for interconnection to BellSouth's network or for access to UNEs in the provision of telecommunications services, as the term "necessary" is defined by FCC 47 C.F.R. Section 51.323 (b). Equipment is necessary for interconnection if an inability to deploy that equipment would, as a practical, economical, or operational matter, preclude the requesting carrier from obtaining interconnection with BellSouth at a level equal in quality to that which BellSouth obtains within its own network or what BellSouth provides to any affiliate, subsidiary, or other party.
- 5.1.1 Examples of equipment that would not be considered necessary include but are not limited to: traditional circuit switching equipment, equipment used exclusively for call-related databases, computer servers used exclusively for providing information services, operations support system (OSS) equipment used to support collocated telecommunications carrier network operations, equipment that generates customer orders, manages trouble tickets or inventory, or stores customer records in centralized databases, etc. BellSouth will determine upon receipt of an application if the requested equipment is necessary based on the criteria established by the FCC. Multifunctional equipment placed on BellSouth's Premises must not place any greater relative burden on BellSouth's property than comparable single-function equipment. BellSouth reserves the right to permit collocation of any equipment on a nondiscriminatory basis.

- 5.1.2 Such equipment must, at a minimum, meet the following Telcordia Network Equipment Building Systems (NEBS) General Equipment Requirements: Criteria Level 3 requirements as outlined in the Telcordia Special Report SR-3580, Issue 1. Except where otherwise required by a Commission, BellSouth shall comply with the applicable FCC rules relating to denial of collocation equipment based on <<customer_short_name>>'s failure to comply with this Section.
- 5.1.2.1 All <<customer_short_name>> equipment installation shall comply with BellSouth TR 73503-11h, "Grounding - Engineering Procedures". Metallic cable sheaths and metallic strength members of optical fiber cables as well as the metallic cable sheaths of all copper conductor cables shall be bonded to the designated grounding bus for the Remote Site Location. All copper conductor pairs, working and non-working, shall be equipped with a solid-state protector unit (over-voltage protection only), which has been listed by a nationally recognized testing laboratory.
- 5.1.3 <<customer_short_name>> shall identify to BellSouth whenever <<customer_short_name>> submits a Method of Procedure ("MOP") adding equipment to <<customer_short_name>>'s Remote Collocation Space all UCC-1 lien holders or other entities that have a financial interest, secured or otherwise, in the equipment in <<customer_short_name>>'s Remote Collocation Space. <<customer_short_name>> shall submit a copy of the list of any lien holders or other entities that have a financial interest to <<customer_short_name>>'s ATCC Representative.
- 5.2 No Marketing. <<customer_short_name>> shall not use the Remote Collocation Space for marketing purposes nor shall it place any identifying signs or markings in the area surrounding the Remote Collocation Space or on the grounds of the Remote Site Location.
- 5.3 Equipment Identification. <<customer_short_name>> shall place a plaque or affix other identification (e.g., stenciling or labeling) to each piece of <<customer_short_name>>'s equipment, including the appropriate emergency contacts with their corresponding telephone numbers, in order for BellSouth to properly identify <<customer_short_name>>'s equipment in the case of an emergency. For caged Remote Collocation Space, such identification must be placed on a plaque affixed to the outside of the caged enclosure.
- 5.4 Entrance Facilities. <<customer_short_name>> may elect to place <<customer_short_name>>-owned or <<customer_short_name>>-leased fiber entrance facilities into the Remote Collocation Space. BellSouth will designate the point of interconnection at the Remote Site Location housing the Remote Collocation Space, which is physically accessible by both Parties. <<customer_short_name>> will provide and place copper cable through conduit from the Remote Collocation Space to the feeder distribution interface to the splice location of sufficient length for splicing by BellSouth. <<customer_short_name>> must contact BellSouth for authorization and instruction prior to placing any entrance facility cable.

- <<customer_short_name>> is responsible for maintenance of the entrance facilities that terminate into <<customer_short_name>>'s Remote Collocation Space.
- 5.5 Shared Use. <<customer_short_name>> may utilize spare capacity on an existing telecommunications carrier's entrance facility for the purpose of obtaining an entrance facility to <<customer_short_name>>'s Remote Collocation Space within the same BellSouth Remote Site Location.
- 5.6 Demarcation Point. BellSouth will designate the point(s) of demarcation between <<customer_short_name>>'s equipment and/or network facilities and BellSouth's network facilities. Each Party will be responsible for maintenance and operation of all equipment/facilities on its side of the demarcation point. <<customer_short_name>> or its agent must perform all required maintenance to <<customer_short_name>> equipment/facilities on its side of the demarcation point, pursuant to Section 5.7, following.
- 5.7 Equipment and Facilities. <<customer_short_name>>, or if required by this Attachment, <<customer_short_name>>'s BellSouth Certified Supplier, is solely responsible for the design, engineering, installation, testing, provisioning, performance, monitoring, maintenance and repair of the equipment and network facilities used by <<customer_short_name>> which must be performed in compliance with all applicable BellSouth specifications. Such equipment and network facilities may include but are not limited to cable(s), equipment, and point of termination connections. <<customer_short_name>> and its selected BellSouth Certified Supplier must follow and comply with all BellSouth specifications outlined in the following BellSouth Technical Requirements: TR 73503, TR 73519, TR 73572, and TR 73564.
- 5.8 BellSouth Access. From time to time BellSouth may require access to the Remote Collocation Space. BellSouth retains the right to access the Remote Collocation Space for the purpose of making BellSouth equipment and Remote Site Location modifications. Except in case of emergency, BellSouth will give notice to <<customer_short_name>> at least forty-eight (48) hours before access to the Remote Collocation Space is required. <<customer_short_name>> may elect to be present whenever BellSouth performs work in the Remote Collocation Space. The Parties agree that <<customer_short_name>> will not bear any of the expense associated with this work. In the case of an emergency, BellSouth will provide oral notice of entry as soon as possible and, upon request, will provide subsequent written notice.
- 5.9 Customer Access. Pursuant to Section 12, <<customer_short_name>> shall have access to its Remote Collocation Space twenty-four (24) hours a day, seven (7) days a week. <<customer_short_name>> agrees to provide the name and social security number, date of birth, or driver's license number of each employee, supplier, or agent of <<customer_short_name>> or <<customer_short_name>>'s Guest(s) with <<customer_short_name>>'s written request for access keys or cards (Access

Devices) for specific BellSouth Premises, prior to the issuance of said Access Devices, using Form RF-2906-C, the "CLEC and CLEC Certified Supplier Access Request and Acknowledgement" form. The appropriate key acknowledgement forms (the "Collocation Acknowledgement Sheet" for access cards and the "Key Acknowledgement Form" for keys) must be signed by <<customer_short_name>> and returned to BellSouth Access Management within fifteen (15) days of <<customer_short_name>>'s receipt of these forms. Failure to return these properly acknowledged forms will result in the subsequent access key or card requests being held by BellSouth until the proper acknowledgement documents have been received by BellSouth and reflect current information. Access Devices may not be duplicated under any circumstances. <<customer_short_name>> agrees to be responsible for all Access Devices and for the return of all Access Devices in the possession of <<customer_short_name>>'s employees, suppliers, agents, or Guests after termination of the employment relationship, the contractual obligation with <<customer_short_name>> ends, upon the termination of this Agreement, or upon the termination of occupancy of Remote Collocation Space in a specific BellSouth Premises. <<customer_short_name>> shall pay all applicable charges associated with lost or stolen Access Devices.

- 5.9.1 BellSouth will permit one (1) accompanied site visit, which will be limited to no more than one hour, to <<customer_short_name>>'s designated Remote Collocation Space, after receipt of the BFFO, without charge to <<customer_short_name>>. <<customer_short_name>> must submit to BellSouth the completed Access Control Request Form for all employees, suppliers, agents or Guests requiring access to a BellSouth Premises at least thirty (30) days prior to the date <<customer_short_name>> desires to gain access to the Remote Collocation Space. In order to permit reasonable access during construction of the Remote Collocation Space, <<customer_short_name>> may submit a request for its one (1) free accompanied site visit to its designated Remote Collocation Space at any time subsequent to BellSouth's receipt of the BFFO. In the event <<customer_short_name>> desires access to its designated Remote Collocation Space after the first accompanied free visit and <<customer_short_name>>'s access request form(s) has not been approved by BellSouth or <<customer_short_name>> has not yet submitted an access request form to BellSouth, <<customer_short_name>> shall be permitted to access the Remote Collocation Space accompanied by a BellSouth security escort, at <<customer_short_name>>'s expense, which will be assessed pursuant to the Security Escort fees contained in Exhibit B. <<customer_short_name>> must request that escorted access be provided by BellSouth to <<customer_short_name>>'s designated Remote Collocation Space at least three (3) business days prior to the date such access is desired. A BellSouth security escort will be required whenever <<customer_short_name>> or its approved agent or supplier requires access to the entrance manhole.
- 5.10 Lost or Stolen Access Keys. <<customer_short_name>> shall notify BellSouth in writing immediately in the case of lost or stolen Access Keys. Should it become necessary for BellSouth to re-key Remote Site Locations or deactivate a card as a

result of a lost Access Key(s) or for failure to return an Access Key(s), <<customer_short_name>> shall pay for all reasonable costs associated with the re-keying or deactivating the device(s).

- 5.11 Interference or Impairment. Notwithstanding any other provisions of this Attachment, <<customer_short_name>> shall not use any product or service provided under this Agreement, any other service related thereto or used in combination therewith, or place or use any equipment and facilities in any manner that 1) significantly degrades, interferes with or impairs service provided by BellSouth or by any other entity or any person's use of its telecommunications service; 2) endangers or damages the equipment, facilities or other property of BellSouth or of any other entity or person; 3) compromises the privacy of any communications routed through the Remote Site; or 4) creates an unreasonable risk of injury or death to any individual or to the public. If BellSouth reasonably determines that any equipment or facilities of <<customer_short_name>> violates the provisions of this paragraph, BellSouth shall provide written notice to <<customer_short_name>>, which shall direct <<customer_short_name>> to cure the violation within forty-eight (48) hours of <<customer_short_name>>'s receipt of written notice or, if such cure is not feasible, at a minimum, to commence curative measures within twenty-four (24) hours and exercise reasonable diligence to complete such measures as soon as possible thereafter. After receipt of the notice, the Parties agree to consult immediately and, if necessary, to conduct the inspection of the Remote Collocation Space.
- 5.11.1 Except in the case of the deployment of an advanced service which significantly degrades the performance of other advanced services or traditional voice band services, if <<customer_short_name>> fails to take cure the violation within forty-eight (48) hours or, if such cure is not possible, to commence curative action within twenty-four (24) hours and exercise reasonable diligence to complete such action as soon as possible, or if the violation is of a character which poses an immediate and substantial threat of damage to property or injury or death to any person, or any other significant degradation, interference or impairment of BellSouth's or another entity's service, then and only in that event, BellSouth may take such action as it deems necessary to eliminate such threat including, without limitation, the interruption of electrical power to <<customer_short_name>>'s equipment and/or facilities. BellSouth will endeavor, but is not required, to provide notice to <<customer_short_name>> prior to the taking of such action and BellSouth shall have no liability to <<customer_short_name>> for any damages arising from such action, except to the extent that such action by BellSouth constitutes willful misconduct.
- 5.11.2 For purposes of this Section, the term "significantly degrades" shall be defined as an action that noticeably impairs a service from a user's perspective. In the case of the deployment of an advanced service which significantly degrades the performance of other advanced services or traditional voice band services and <<customer_short_name>> fails to take curative action within forty-eight (48) hours,

- or such cure is not possible, to commence curative action within twenty-four (24) hours and exercise reasonable diligence to complete such action as soon as possible, BellSouth will establish before the appropriate Commission that the technology deployed is causing the significant degradation. Any claims of network harm presented to <<customer_short_name>> or, if subsequently necessary, the Commission must be provided by BellSouth with specific and verifiable information. Where BellSouth demonstrates that a certain technology deployed by <<customer_short_name>> is significantly degrading the performance of other advanced services or traditional voice band services, <<customer_short_name>> shall discontinue deployment of that technology and migrate its customers to other technologies that will not significantly degrade the performance of such services. Where the only degraded service itself is a known disturber, and the newly deployed technology satisfies at least one of the criteria for a presumption that it is acceptable for deployment, pursuant to 47CFR, Section 51.230 of the FCC's Rules, the degraded service shall not prevail against the newly-deployed technology.
- 5.12 Personalty and Its Removal. Facilities and equipment placed by <<customer_short_name>> in the Remote Collocation Space shall not become a part of the Remote Site Location, even if nailed, screwed or otherwise fastened to the Remote Collocation Space but shall retain their status as personal property and may be removed by <<customer_short_name>> at any time. Any damage caused to the Remote Collocation Space by <<customer_short_name>>'s employees, suppliers, agents or Guests during the installation or removal of such property shall be promptly repaired by <<customer_short_name>> at its sole expense.
- 5.13 Alterations. Under no condition shall <<customer_short_name>> or any person acting on behalf of <<customer_short_name>> make any rearrangement, modification, augment, improvement, addition, and/or other alteration which could affect in any way space, power, HVAC, and/or safety considerations to the Remote Collocation Space or the BellSouth Remote Site Location, hereinafter referred to individually or collectively as "Alterations", without the express written consent of BellSouth, which shall not be unreasonably withheld. The cost of any such Alteration shall be paid by <<customer_short_name>>. An Alteration shall require the submission of an application and Application Fee. BellSouth will bill the nonrecurring fee on the date that BellSouth provides <<customer_short_name>> with an Application Response.
- 5.14 Upkeep of Remote Collocation Space. <<customer_short_name>> shall be responsible for the general upkeep and cleaning of the Remote Collocation Space. <<customer_short_name>> shall be responsible for removing any of <<customer_short_name>>'s debris from the Remote Collocation Space and from in and around the Remote Site Location on each visit.

6. **Ordering and Preparation of Remote Collocation Space**

- 6.1 **Procedures and Intervals.** Should any state or federal regulatory agency impose procedures or intervals applicable to <<customer_short_name>> and BellSouth that are different from procedures or intervals set forth in this Section, whether now in effect or that become effective after execution of this Attachment, those procedures or intervals shall supersede the requirements set forth herein for that jurisdiction for all applications submitted after the effective date thereof.
- 6.2 **Remote Site Application.** When <<customer_short_name>> or <<customer_short_name>>'s Guest(s) desires to install a bay in a Remote Site Location, <<customer_short_name>> shall input a BellSouth Physical Expanded Interconnection Application Document ("Application") directly into BellSouth's electronic application (e.App) system for processing. The Application is considered Bona Fide when it is complete and accurate, meaning that all of the required fields on the Application are completed with the appropriate type of information. An Application Fee, as set forth in Exhibit B, will apply to each Application submitted by <<customer_short_name>> and will be billed on the date BellSouth provides <<customer_short_name>> with an Application Response. The placement of an additional bay at a later date will be treated in the same fashion and an Application will be required. The installation of additional shelves/equipment, subject to the restrictions contained in Section 5.7, within an existing bay, does not require an Application.
- 6.3 **Availability of Space.** Upon submission of an Application, BellSouth will permit <<customer_short_name>> to physically collocate, pursuant to the terms of this Attachment, at any BellSouth Remote Site Location, unless BellSouth has determined that there is no space available due to space limitations or that collocation at the Remote Site Location is not practical for technical reasons. In the event space is not immediately available at a Remote Site Location, BellSouth reserves the right to make additional space available, in which case the conditions in Section 7 shall apply, or BellSouth may elect to deny space in accordance with this Section, in which case, virtual or adjacent collocation options may be available. If the amount of space requested is not available, BellSouth will notify <<customer_short_name>> of the amount that is available.
- 6.4 **Space Availability Notification.** For all states except Florida and Tennessee, BellSouth will respond to an Application within ten (10) days as to whether space is available or not available within a BellSouth Remote Site Location. . In Florida and Tennessee, BellSouth will respond to an Application within fifteen (15) days as to whether space is available or not available within a BellSouth Premises. BellSouth's e.App system will reflect when <<customer_short_name>>'s Application is Bona Fide. If the Application cannot be Bona Fide, BellSouth will identify what revisions are necessary for the Application to become Bona Fide. If the amount of space requested is not available, BellSouth will notify <<customer_short_name>> of the amount of space that is available and no Application fee will apply. When

BellSouth's response includes an amount of space less than that requested by <<customer_short_name>> or space that is configured differently, no Application Fee shall apply. If <<customer_short_name>> decides to accept the available space, <<customer_short_name>> must resubmit its Application to reflect the actual space available, including the configuration of the space, prior to submitting a BFFO. When <<customer_short_name>> resubmits its Application to accept the available space, BellSouth will bill <<customer_short_name>> the appropriate Application Fee.

- 6.5 Denial of Application. If BellSouth notifies <<customer_short_name>> that no space is available (Denial of Application), BellSouth will not assess an Application Fee to <<customer_short_name>>. After notifying <<customer_short_name>> that BellSouth has no available space in the requested Remote Site Location, BellSouth will allow <<customer_short_name>>, upon request, to tour the Remote Site Location within ten (10) days of such Denial of Application. In order to schedule this tour within ten (10) days, BellSouth must receive the request for the tour of the Remote Site Location within five (5) days of the Denial of Application.
- 6.6 Petition for Waiver. Upon Denial of Application, BellSouth will timely file a petition with the appropriate Commission pursuant to 47 U.S.C. § 251(c)(6). BellSouth shall provide to the Commission any information requested by that Commission. Such information shall include which space, if any, BellSouth or any of BellSouth's affiliates have reserved for future use and a detailed description of the specific future uses for which the space has been reserved. Subject to an appropriate nondisclosure agreement or provision, BellSouth shall permit <<customer_short_name>> to inspect any plans or diagrams that BellSouth provides to the Commission.
- 6.7 Waiting List. On a first-come, first-served basis, which is governed by the date of receipt of an application or Letter of Intent, BellSouth will maintain a waiting list of requesting telecommunications carriers who have either received a Denial of Application or, where it is publicly known that a Remote Site Location is out of space, have submitted a Letter of Intent to collocate in that Remote Site Location. BellSouth will notify the telecommunications carriers on the waiting list that can be accommodated by the amount of space that becomes available according to the position of the telecommunications carriers on said waiting list.
- 6.7.1 In Florida, on a first-come, first-served basis, which is governed by the date of receipt of an application or Letter of Intent, BellSouth will maintain a waiting list of requesting telecommunications carriers that have either received a Denial of Application or, where it is publicly known that a Remote Site Location is out of space, have submitted a Letter of Intent to collocate in that Remote Site Location. Sixty (60) days prior to Remote Collocation Space becoming available, if known, BellSouth will notify the Commission and the telecommunications carriers on the waiting list by mail when space will become available. If BellSouth does not know sixty (60) days in advance of when Remote Collocation Space will become available, BellSouth will notify the Commission and the telecommunications carriers on the

- waiting list within two (2) business days of the determination that space will become available.
- 6.7.2 When Remote Collocation Space becomes available, <<customer_short_name>> must submit an updated, complete, and accurate Application to BellSouth within thirty (30) days of such notification that Remote Collocation Space will be available in the requested Remote Site Location previously out of space. If <<customer_short_name>> has originally requested caged Remote Collocation Space and cageless Remote Collocation Space becomes available, <<customer_short_name>> may refuse such space and notify BellSouth in writing, within the thirty (3) day timeframe referenced above, that <<customer_short_name>> wishes to maintain its place on the waiting list for caged Remote Collocation Space, without accepting the available cageless Remote Collocation Space. <<customer_short_name>> may accept an amount of space less than what it originally requested by submitting an Application as set forth above, and, upon request, may maintain its position on the waiting list for the remaining space that was initially requested. If <<customer_short_name>> does not submit an Application or notify BellSouth in writing within the thirty (3) day timeframe as described above, BellSouth will offer the available Remote Collocation Space to the next telecommunications carrier on the waiting list and remove <<customer_short_name>> from the waiting list. Upon request, BellSouth will advise <<customer_short_name>> as to its position on the waiting list for a particular Remote Site Location.
- 6.8 Public Notification. BellSouth will maintain on its Interconnection Services website, www.interconnection.bellsouth.com, a notification document that will indicate all Remote Site Locations that are without available space. BellSouth shall update such document within ten (10) days of the date that BellSouth becomes aware that there is insufficient space to accommodate collocation at the Remote Site Location. BellSouth will also post a document on its Interconnection Services website that contains a general notice where space has become available in a Remote Site Location previously on the space exhaust list.
- 6.9 Application Response.
- 6.9.1 In Florida and Tennessee, within fifteen (15) days of receipt of a Bona Fide Application, when Remote Collocation Space has been determined to be available or when a lesser amount of space than that requested is available, then with respect to the Remote Collocation Space available, BellSouth will provide an Application Response including sufficient information to enable <<customer_short_name>> to place a firm order. The Application Response will include, at a minimum, the configuration of the space, the Cable Installation Fee, the Cable Records Fee, and any other applicable space preparation fees, as described in Section 8. When <<customer_short_name>> submits ten (10) or more Applications within ten (10) days, the initial fifteen (15) day response interval will increase by ten (10) days for every additional ten (10) Applications or fraction thereof.

- 6.9.2 In Alabama, Georgia, Kentucky, Louisiana, Mississippi, North Carolina, and South Carolina, when Remote Collocation Space has been determined to be available, BellSouth will provide an Application Response within twenty (20) days of receipt of a Bona Fide Application. The Application Response will be a written response that includes sufficient information to enable <<customer_short_name>> to place a firm order, which, at a minimum, will include the configuration of the space, the Cable Installation Fee, the Cable Records Fee, and any other applicable space preparation fees, as described in Section 8.
- 6.10 Application Modifications. If a modification or revision is made to any information in the Bona Fide Application prior to a BFFO, with the exception of modifications to (1) Customer Information, (2) Contact Information or (3) Billing Contact Information, whether at the request of <<customer_short_name>> or as necessitated by technical considerations, the Application shall be considered a new Application and handled as a new Application with respect to the response and provisioning intervals. BellSouth will charge <<customer_short_name>> the Application Fee as set forth in Exhibit B. BellSouth will bill the nonrecurring fee on the date that BellSouth provides an Application Response.
- 6.11 Bona Fide Firm Order.
- 6.11.1 <<customer_short_name>> shall indicate its intent to proceed with equipment installation in a BellSouth Remote Site Location by submitting a BFFO to BellSouth. The BFFO must be received by BellSouth no later than thirty (30) days after BellSouth's Application Response to <<customer_short_name>>'s Bona Fide Application or <<customer_short_name>>'s Application will expire.
- 6.11.2 BellSouth will establish a Firm Order date based upon the date BellSouth is in receipt of <<customer_short_name>>'s BFFO. BellSouth will acknowledge the receipt of <<customer_short_name>>'s BFFO within seven (7) days of receipt, so that <<customer_short_name>> will have positive confirmation that its BFFO has been received. BellSouth's response to a BFFO will include a Firm Order Confirmation, which contains the firm order date. No revisions may be made to a BFFO.
- 7. Construction and Provisioning**
- 7.1 Construction and Provisioning Intervals.
- 7.1.1 In Florida and Tennessee, BellSouth will complete construction for Remote Collocation Space as soon as possible within a maximum of ninety (90) days from receipt of a BFFO or as agreed to by the Parties. For Alterations requested to Remote Collocation Space after the initial space has been completed, BellSouth will complete construction for Remote Collocation Space as soon as possible within a maximum of forty-five (45) days from receipt of a BFFO or as agreed to by the Parties, as long as no additional space has been requested by <<customer_short_name>>. If additional space has been requested by <<customer_short_name>>, BellSouth will complete construction for the requested Remote Collocation Space as soon as possible within a

- maximum of ninety (90) days from receipt of a BFFO for physical Remote Collocation Space and forty five (45) days from receipt of a BFFO for virtual Remote Collocation Space. If BellSouth does not believe that construction will be completed within the relevant provisioning interval and BellSouth and <<customer_short_name>> cannot agree upon a completion date, within forty-five (45) days of receipt of the BFFO for an initial request, or within thirty (30) days of receipt of the BFFO for an Alteration, BellSouth may seek an extension from the Commission.
- 7.1.2 In Alabama, Georgia, Kentucky, Louisiana, Mississippi, North Carolina, and South Carolina, BellSouth will complete construction for Remote Collocation Space under ordinary conditions as soon as possible within a maximum of sixty (60) days from receipt of a BFFO and ninety (90) days from receipt of a BFFO for extraordinary conditions, or as agreed to by the Parties. Ordinary conditions are defined as space available with only minor changes required to BellSouth's support systems. (Examples include, but are not limited to: minor modifications to HVAC, cabling and BellSouth's power plant). Extraordinary conditions, include, but may not be limited to: major BellSouth equipment rearrangements or additions; power plant additions or upgrades; major mechanical additions or upgrades; major upgrades for ADA compliance; environmental hazards or hazardous materials abatement; and arrangements for which equipment shipping intervals are extraordinary in length. The Parties may mutually agree to renegotiate an alternative provisioning interval for the Remote Collocation Space requested or BellSouth may seek a waiver from the interval, as set forth above, from the appropriate Commission, if BellSouth does not believe that construction will be completed within the relevant provisioning interval.
- 7.1.3 If BellSouth does not have space immediately available at a Remote Site Location, BellSouth may elect, but not be limited, to make additional space available by rearranging BellSouth facilities or constructing additional capacity. In such cases, the above intervals shall not apply and BellSouth will provision the Remote Collocation Space in a nondiscriminatory manner and at parity with BellSouth and will provide <<customer_short_name>> with the estimated completion date in its Application Response.
- 7.2 Joint Planning. Unless otherwise agreed to by the Parties, a joint planning meeting or other method of joint planning between BellSouth and <<customer_short_name>> will commence within a maximum of twenty (20) days from BellSouth's receipt of a BFFO. At such meeting, the Parties will agree to the preliminary design of the Remote Collocation Space and the equipment configuration requirements, as reflected in the Application and affirmed in the BFFO.
- 7.3 Permits. Each Party, its agent(s) or BellSouth Certified Supplier(s) will diligently pursue filing for the permits required for the scope of work to be performed by that Party, its agent(s) or BellSouth Certified Supplier(s) within ten (10) days of the completion of finalized construction designs and specifications.

- 7.4 Use of BellSouth Certified Supplier. <<customer_short_name>> shall select a supplier, which has been approved as a BellSouth Certified Supplier to perform all construction, engineering (as specified in TR 73503), installation, and removal work. <<customer_short_name>>, if a BellSouth Certified Supplier, or <<customer_short_name>>'s BellSouth Certified Supplier must follow and comply with all of BellSouth's specifications and the following BellSouth Technical Requirements: TR 73503, TR 73519, TR 73572, and TR 73564. Unless the BellSouth Certified Supplier has met the requirements for all of the required work activities, <<customer_short_name>> must use a different BellSouth Certified Supplier for the work activities associated with transmission equipment, switching equipment and power equipment. BellSouth shall provide <<customer_short_name>> with a list of BellSouth Certified Suppliers, upon request. <<customer_short_name>>, if a BellSouth Certified Supplier, or <<customer_short_name>>'s BellSouth Certified Supplier(s) shall be responsible for installing <<customer_short_name>>'s equipment and associated components, extending power cabling to the BellSouth power distribution frame, performing operational tests after installation is complete, and notifying BellSouth's equipment engineers and <<customer_short_name>> upon successful completion of the installation and any associated work. When a BellSouth Certified Supplier is used by <<customer_short_name>>, the BellSouth Certified Supplier shall bill <<customer_short_name>> directly for all work performed for <<customer_short_name>> pursuant to this Attachment. BellSouth shall have no liability for, nor responsibility to pay, such charges imposed by <<customer_short_name>>'s BellSouth Certified Supplier. BellSouth shall make available its supplier certification program to <<customer_short_name>> or any supplier proposed by <<customer_short_name>> and will not unreasonably withhold certification. All work performed by or for <<customer_short_name>> shall conform to generally accepted industry standards.
- 7.5 Alarms and Monitoring. BellSouth may place alarms in the Remote Site Location for the protection of BellSouth equipment and facilities. <<customer_short_name>> shall be responsible for the placement, monitoring and removal of environmental and equipment alarms used to service <<customer_short_name>>'s Remote Collocation Space. Upon request, BellSouth will provide <<customer_short_name>> with applicable BellSouth tariffed service(s) to facilitate remote monitoring of collocated equipment by <<customer_short_name>>. Both Parties shall use best efforts to notify the other of any verified environmental condition (e.g., temperature extremes or excess humidity) known to that Party.
- 7.6 Virtual to Physical Remote Collocation Space Relocation. In the event physical Remote Collocation Space was previously denied at a Remote Site Location due to technical reasons or space limitations and physical Remote Collocation Space has subsequently become available, <<customer_short_name>> may relocate its existing virtual Remote Collocation Space(s) to physical Remote Collocation Space and pay the appropriate fees associated with the rearrangement or reconfiguration of the services being terminated into the virtual Remote Collocation Space. If BellSouth

knows when additional physical Remote Collocation Space may become available at the Remote Site Location requested by <<customer_short_name>>, such information will be provided to <<customer_short_name>> in BellSouth's written denial of physical Remote Collocation Space. To the extent that (i) physical Remote Collocation Space becomes available to <<customer_short_name>> within one hundred eighty (180) days of BellSouth's written denial of <<customer_short_name>>'s request for physical Remote Collocation Space, (ii) BellSouth had knowledge that the Remote Collocation Space was going to become available, and (iii) <<customer_short_name>> was not informed in the written denial that physical Remote Collocation Space would become available within such one hundred eighty (180) day period, then <<customer_short_name>> may relocate its virtual Remote Collocation Space to a physical Remote Collocation Space and will receive a credit for any nonrecurring charges previously paid for such virtual Remote Collocation Space. <<customer_short_name>> must arrange with a BellSouth Certified Supplier for the relocation of equipment from a virtual Remote Collocation Space to a physical Remote Collocation Space and will bear the cost of such relocation, including the costs associated with moving the services from the virtual Remote Collocation Space to the new physical Remote Collocation Space.

- 7.6.1 In Alabama, BellSouth will complete a relocation of a virtual Remote Collocation Space to a cageless physical Remote Collocation Space within sixty (60) days from BellSouth's receipt of a BFFO and from a virtual Remote Collocation Space to a caged physical Remote Collocation Space within ninety (90) days from BellSouth's receipt of a BFFO.
- 7.7 Virtual to Physical Conversion (In-Place). Virtual Remote Collocation Space may be converted to "in-place" physical caged Remote Collocation Space if the potential conversion meets all of the following criteria: 1) there is no change in the amount of equipment or the configuration of the equipment that was in the virtual Remote Collocation Space; 2) the conversion of the virtual Remote Collocation Space will not cause the equipment or the results of that conversion to be located in a space that BellSouth has reserved for its own future needs; and 3) any changes to the existing Remote Collocation Space can be accommodated by existing power, HVAC, and other requirements. Unless otherwise specified herein, BellSouth will complete virtual to physical Remote Collocation Space conversions (in-place) within sixty (60) days from receipt of the BFFO. BellSouth will bill <<customer_short_name>> an Application Fee, as set forth in Exhibit B, on the date BellSouth provides an Application Response to <<customer_short_name>>.
- 7.7.1 In Alabama and Tennessee, BellSouth will complete virtual to physical conversions (in-place) within thirty (30) days from receipt of the BFFO as long as the conversion meets all of the criteria specified above in Section 7.7.
- 7.8 Cancellation. Unless otherwise specified in this Attachment, if at any time prior to Space Acceptance, <<customer_short_name>> cancels its order for Remote Collocation Space (Cancellation), BellSouth will bill the applicable nonrecurring

charge(s) for any and all work processes for which work has begun or been completed. In Florida, if <<customer_short_name>> cancels its order for Remote Collocation Space at any time prior to the Space Ready Date, no cancellation fee shall be assessed by BellSouth; however, <<customer_short_name>> will be responsible for reimbursing BellSouth for any costs specifically incurred by BellSouth on behalf of <<customer_short_name>> up to the date that the written notice of cancellation was received by BellSouth. In Georgia, if <<customer_short_name>> cancels its order for Remote Collocation Space at any time prior to Space Acceptance, BellSouth will bill <<customer_short_name>> for all costs incurred prior to the date of Cancellation and for any costs incurred as a direct result of the Cancellation, not to exceed the total amount that would have been due had the firm order not been cancelled.

7.9 Licenses. <<customer_short_name>>, at its own expense, will be solely responsible for obtaining from governmental authorities, and any other appropriate agency, entity, or person, all rights, privileges, permits, licenses, and certificates necessary or required to operate as a provider of telecommunications services to the public or to build-out, equip and/or occupy the Remote Collocation Space.

7.10 Environmental Compliance. The Parties agree to utilize and adhere to the Environmental Hazard Guidelines identified in Exhibit A attached hereto.

8. Rates and Charges

8.1 Rates. <<customer_short_name>> agrees to pay the rates and charges identified in Exhibit B attached hereto.

8.2 Recurring Charges. If <<customer_short_name>> has met the applicable fifteen (15) day acceptance walkthrough interval specified in Section 4, billing for recurring charges will begin upon the Space Acceptance Date. In the event <<customer_short_name>> fails to complete an acceptance walkthrough within the applicable fifteen (15) day interval, billing for recurring charges will commence on the Space Ready Date. If <<customer_short_name>> occupies the space prior to the Space Ready Date, the date <<customer_short_name>> occupies the space is deemed the Space Acceptance Date and billing for recurring charges will begin on that date. The billing for all applicable monthly recurring charges will begin in <<customer_short_name>>'s next billing cycle and will include any prorated charges for the period from <<customer_short_name>>'s Space Acceptance Date or Space Ready Date, whichever is appropriate pursuant to Section 4.2, to the date the bill is issued by BellSouth.

8.3 Application Fee. BellSouth shall assess a nonrecurring Application Fee, via a service order, on the date that BellSouth provides an Application Response. BellSouth will bill the appropriate non-recurring Application Fee on the date that BellSouth provides an Application Response to <<customer_short_name>>.

- 8.4 Bay Space. The bay space charge recovers the costs associated with air conditioning, ventilation and other allocated expenses for the maintenance of the Remote Site Location, and includes the amperage necessary to power <<customer_short_name>>'s equipment. <<customer_short_name>> shall remit bay space charges based upon the number of bays requested. BellSouth will assign Remote Collocation Space in conventional remote site bay lineups where feasible.
- 8.5 Power. BellSouth shall make available -48 Volt (-48V) Direct Current (DC) power for <<customer_short_name>>'s Remote Collocation Space at a BellSouth Battery Distribution Fuse Bay (BDFB) within the Remote Site Location. The charge for power shall be assessed as part of the recurring charge for bay space, as referenced above in Section 8.4. If the power requirements for <<customer_short_name>>'s equipment exceed the capacity available, then such additional power requirements shall be assessed on an individual case basis. BellSouth will revise <<customer_short_name>>'s recurring power charges to reflect a power upgrade upon notification of the completion of the upgrade by <<customer_short_name>>'s BellSouth Certified Vendor. BellSouth will revise recurring power charges to reflect a power reduction upon BellSouth's receipt of the Power Reduction Form from <<customer_short_name>> certifying the completion of the power reduction, including the removal of the power cabling by <<customer_short_name>>'s BellSouth Certified Supplier.
- 8.6 Adjacent Collocation Power. Charges for AC power will be assessed on a per breaker ampere, per month basis. Rates include the provision of commercial and standby AC power, where available. When obtaining power from a BellSouth service panel, protection devices and power cables must be engineered (sized) and installed by <<customer_short_name>>'s BellSouth Certified Supplier, with the exception that BellSouth shall engineer and install the protection devices and power cables for Adjacent Collocation. <<customer_short_name>>'s BellSouth Certified Supplier must provide a copy of the engineering power specifications prior to the equipment becoming operational. Charges for AC power shall be assessed pursuant to the rates specified in Exhibit B. AC power voltage and phase ratings shall be determined on a per location basis. At <<customer_short_name>>'s option, <<customer_short_name>> may arrange for AC power in an Adjacent Collocation arrangement from a retail provider of electrical power.
- 8.7 Security Escort. After <<customer_short_name>> has used its one accompanied site visit, pursuant to Section 5.9.1, and prior to <<customer_short_name>>'s completion of the BellSouth Security Training requirements, contained in Section 12 of this Agreement, a security escort will be required when <<customer_short_name>>'s employees, approved agent, supplier, or Guest(s) desire access to the Remote Site Location. The rates for security escort service are assessed pursuant to the fee schedule contained in Exhibit B, beginning with the scheduled escort time agreed to by the Parties. BellSouth will wait for one-half (1/2) hour after the scheduled escort time to provide such requested escort service and <<customer_short_name>> shall pay for such half-hour charges in the event <<customer_short_name>>'s employees,

approved agent, supplier or Guest(s) fails to show up for the scheduled escort appointment.

- 8.8 Other. If no collocation rate element and associated rate is identified in Exhibit B of this Attachment, the Parties, upon request by either Party, will negotiate the rate for the specific collocation service or function identified in this Attachment.

9. **Insurance**

- 9.1 <<customer_short_name>> shall, at its sole cost and expense, procure, maintain, and keep in force insurance as specified in this Section and underwritten by insurance companies licensed to do business in the states applicable under this Agreement and having a Best's Insurance Rating of A-.
- 9.2 <<customer_short_name>> shall maintain the following specific coverage:
- 9.2.1 Commercial General Liability coverage in the amount of ten million dollars (\$10,000,000.00) or a combination of Commercial General Liability and Excess/Umbrella coverage totaling not less than ten million dollars (\$10,000,000.00). BellSouth shall be named as an Additional Insured on the Commercial General Liability policy as specified herein.
- 9.2.2 Statutory Workers Compensation coverage and Employers Liability coverage in the amount of one hundred thousand dollars (\$100,000.00) each accident, one hundred thousand dollars (\$100,000.00) each employee by disease, and five hundred thousand dollars (\$500,000.00) policy limit by disease.
- 9.2.3 All Risk Property coverage on a full replacement cost basis insuring all of <<customer_short_name>>'s real and personal property situated on or within a BellSouth Premises and BellSouth's Remote Site Locations.
- 9.2.4 <<customer_short_name>> may elect to purchase business interruption and contingent business interruption insurance, having been advised that BellSouth assumes no liability for loss of profit or revenues should an interruption of service occur.
- 9.3 The limits set forth in Section 9.2 above may be increased by BellSouth from time to time during the term of this Agreement upon thirty (30) days notice to <<customer_short_name>> to at least such minimum limits as shall then be customary with respect to comparable occupancy of BellSouth structures.
- 9.4 All policies purchased by <<customer_short_name>> 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 a BellSouth Remote Site Location and shall remain in effect for the term of this Agreement or until all of <<customer_short_name>>'s property has been removed

- from BellSouth's Remote Site Location, whichever period is longer. If <<customer_short_name>> fails to maintain required coverage, BellSouth may pay the premiums thereon and seek reimbursement of same from <<customer_short_name>>.
- 9.5 <<customer_short_name>> shall submit certificates of insurance reflecting the coverage required pursuant to this Section within a minimum of ten (10) business days prior to the commencement of any work in the Remote Collocation Space. Failure to meet this interval may result in construction and equipment installation delays. <<customer_short_name>> shall arrange for BellSouth to receive thirty (30) business days' advance notice of cancellation or non-renewal from <<customer_short_name>>'s insurance company. <<customer_short_name>> shall forward a certificate of insurance and notice of cancellation/non-renewal to BellSouth at the following address:
- BellSouth Telecommunications, Inc.
Attn.: Risk Management Office - Finance
17F54 BellSouth Center
675 W. Peachtree Street
Atlanta, Georgia 30375
- 9.6 <<customer_short_name>> must conform to recommendations made by BellSouth's fire insurance company to the extent BellSouth has agreed to, or shall hereafter agree to, such recommendations.
- 9.7 Self-Insurance. If <<customer_short_name>>'s net worth exceeds five hundred million dollars (\$500,000,000.00), <<customer_short_name>> may elect to request self-insurance status in lieu of obtaining any of the insurance required in Section 9.2. <<customer_short_name>> shall provide audited financial statements to BellSouth thirty (30) days prior to the commencement of any work in the Remote Collocation Space. BellSouth shall then review such audited financial statements and respond in writing to <<customer_short_name>> in the event that self-insurance status is not granted to <<customer_short_name>>. If BellSouth approves <<customer_short_name>> for self-insurance, <<customer_short_name>> shall annually furnish to BellSouth, and keep current, evidence of such net worth that is attested to by one of <<customer_short_name>>'s corporate officers. The ability to self-insure shall continue so long as <<customer_short_name>> meets all of the requirements of this Section. If <<customer_short_name>> subsequently no longer satisfies the requirements of this Section, <<customer_short_name>> is required to purchase insurance as indicated by Section 9.2.
- 9.8 The net worth requirements set forth in Section 9.7 may be increased by BellSouth from time to time during the term of this Agreement upon thirty (30) days' notice to <<customer_short_name>> to at least such minimum limits as shall then be customary with respect to comparable occupancy of a BellSouth Premises.

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

10. Mechanics Liens

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

11. Inspections

- 11.1 BellSouth may conduct an inspection of <<customer_short_name>>'s equipment and facilities in <<customer_short_name>>'s Remote Collocation Space(s) prior to the activation of facilities and/or services between <<customer_short_name>>'s equipment and equipment of BellSouth. BellSouth may conduct an inspection if <<customer_short_name>> adds equipment and may otherwise conduct routine inspections at reasonable intervals mutually agreed upon by the Parties. BellSouth shall provide <<customer_short_name>> 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 inspections shall be borne by BellSouth.

12. Security and Safety Requirements

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

- for the past five years or, where state law does not permit a statewide investigation, an investigation of the applicable counties.
- 12.2 <<customer_short_name>> will be required to administer to its personnel assigned to the BellSouth Premises security training either provided by BellSouth, or meeting criteria defined by BellSouth at www.interconnection.bellsouth.com/guides.
- 12.3 <<customer_short_name>> shall provide its employees and agents with picture identification, which must be worn, and visible at all times while in <<customer_short_name>>'s Remote Collocation Space or other areas in or around the Remote Site Location. The photo Identification card shall bear, at a minimum, the employee's name and photo, and <<customer_short_name>>'s name. BellSouth reserves the right to remove from its Remote Site Location any employee of <<customer_short_name>> not possessing identification issued by <<customer_short_name>> or who have violated any of BellSouth's policies as outlined in the CLEC Security Training documents. <<customer_short_name>> shall hold BellSouth harmless for any damages resulting from such removal of <<customer_short_name>>'s personnel from BellSouth Remote Site Location. <<customer_short_name>> shall be solely responsible for ensuring that any Guest(s) of <<customer_short_name>> is in compliance with all subsections of this Section.
- 12.4 <<customer_short_name>> shall not assign to the BellSouth Remote Site Location any personnel with records of felony criminal convictions. <<customer_short_name>> shall not assign to the BellSouth Remote Site Location any personnel with records of misdemeanor convictions, except for misdemeanor traffic violations, without advising BellSouth of the nature and gravity of the offense(s). BellSouth reserves the right to refuse access to any of <<customer_short_name>>'s personnel who have been identified to have misdemeanor criminal convictions. Notwithstanding the foregoing, in the event <<customer_short_name>> chooses not to advise BellSouth of the nature and gravity of any misdemeanor conviction, <<customer_short_name>> may, in the alternative, certify to BellSouth that it shall not assign to the BellSouth Remote Site Location any personnel with records of misdemeanor convictions (other than misdemeanor traffic violations).
- 12.4.1 <<customer_short_name>> shall not knowingly assign to the BellSouth Remote Site Location any individual who was a former employee of BellSouth and whose employment with BellSouth was terminated for a criminal offense whether or not BellSouth sought prosecution of the individual for the criminal offense.
- 12.4.2 <<customer_short_name>> shall not knowingly assign to the BellSouth Remote Site Location any individual who was a former supplier of BellSouth and whose access to a BellSouth Remote Site Location was revoked due to the commission of a criminal offense, whether or not BellSouth sought prosecution of the individual for the criminal offense.

- 12.5 For each <<customer_short_name>> employee or agent hired by <<customer_short_name>> within five years prior to being considered for work on the BellSouth Premises or BellSouth's Remote Site Locations, who requires access to a BellSouth Remote Site Location to perform work in <<customer_short_name>>'s Remote Collocation Space(s), <<customer_short_name>> shall furnish BellSouth, a certification that the aforementioned background check and security training were completed. This certification must be provided to and approved by BellSouth before an employee or agent will be granted such access to a BellSouth Premises. The certification will contain a statement that no felony convictions were found and certifying that the employee completed the security training. If the employee's criminal history includes misdemeanor convictions, <<customer_short_name>> will disclose the nature of the convictions to BellSouth at that time. In the alternative, <<customer_short_name>> may certify to BellSouth that it shall not assign to the BellSouth Remote Site Location any personnel with records of misdemeanor convictions, other than misdemeanor traffic violations.
- 12.5.1 For all other <<customer_short_name>> employees requiring access to a BellSouth Remote Site Location pursuant to this Attachment, <<customer_short_name>> shall furnish BellSouth, prior to an employee gaining such access, a certification that the employee is not subject to the requirements of Section 12.5 above and that security training was completed by the employee.
- 12.6 At BellSouth's request, <<customer_short_name>> shall promptly remove from the BellSouth Remote Site Location any employee of <<customer_short_name>> that BellSouth does not wish to grant access to a Remote Site Location: 1) pursuant to any investigation conducted by BellSouth, or 2) prior to the initiation of an investigation if an employee of <<customer_short_name>> is found interfering with the property or personnel of BellSouth or another collocated telecommunications carrier, provided that an investigation shall be promptly commenced by BellSouth.
- 12.7 Security Violations. BellSouth reserves the right to interview <<customer_short_name>>'s employees, agents, suppliers, or Guests in the event of wrongdoing in or around a BellSouth Premises or Remote Site Location or involving BellSouth's or another collocated telecommunications carrier's property or personnel, provided that BellSouth shall provide reasonable notice to <<customer_short_name>>'s Security representative of such interview. <<customer_short_name>> and its employees, agents, suppliers, or Guests shall reasonably cooperate with BellSouth's investigation into allegations of wrongdoing or criminal conduct committed by, witnessed by, or involving <<customer_short_name>>'s employees, agents, suppliers, or Guests. Additionally, BellSouth reserves the right to bill <<customer_short_name>> for all reasonable costs associated with investigations involving its employees, agents, or suppliers, or Guests if it is established and mutually agreed in good faith that <<customer_short_name>>'s employees, agents, suppliers, or Guests are responsible for the alleged act(s). BellSouth shall bill <<customer_short_name>> for BellSouth property, which is stolen or damaged, where an investigation determines the

culpability of <<customer_short_name>>'s employees, agents, suppliers, or Guests and where <<customer_short_name>> agrees, in good faith, with the results of such investigation. <<customer_short_name>> shall notify BellSouth in writing immediately in the event that <<customer_short_name>> discovers one of its employees, agents, suppliers, or Guests already working on the BellSouth Remote Site Location is a possible security risk. Upon request of the other Party, the Party who is the employer shall discipline consistent with its employment practices, up to and including removal from a BellSouth Premises or Remote Site Location, any employee found to have violated the security and safety requirements of this Section. <<customer_short_name>> shall hold BellSouth harmless for any damages resulting from such removal of <<customer_short_name>>'s personnel from a BellSouth Premises.

- 12.8 Use of Supplies. Unauthorized use of telecommunications equipment or supplies by either Party, whether or not used routinely to provide telephone service (e.g. plug-in cards,) will be strictly prohibited and handled appropriately. Costs associated with such unauthorized use may be charged to the offending Party, as may be all associated investigative costs.
- 12.9 Use of Official Lines. Except for non-toll calls necessary in the performance of their work, neither Party shall use the telephone(s) of the other Party on the BellSouth Remote Site Location. Charges for unauthorized telephone calls may be charged to the offending Party, as may be all associated investigative costs.
- 12.10 Accountability. Full compliance with the Security requirements of this Section shall in no way limit the accountability of either Party to the other for the improper actions of its employees, agents, suppliers, or Guests.

13. Destruction of Remote Collocation Space

- 13.1 In the event a Remote Collocation Space is wholly or partially damaged by fire, windstorm, hurricane, tornado, flood or by similar Acts of God or force majeure circumstances beyond a Party's reasonable control to such an extent as to be rendered wholly unsuitable for <<customer_short_name>>'s permitted use hereunder, then either Party may elect within ten (10) days after such damage, to terminate this Attachment with respect to the affected Remote Collocation Space, and if either Party shall so elect, by giving the other written notice of termination, both Parties shall stand released of and from further liability under the terms hereof with respect to such Remote Collocation Space. If the Remote Collocation Space shall suffer only minor damage and shall not be rendered wholly unsuitable for <<customer_short_name>>'s permitted use, or is damaged and the option to terminate is not exercised by either Party, BellSouth covenants and agrees to proceed promptly without expense to <<customer_short_name>>, except for improvements not to the property of BellSouth, to repair the damage. BellSouth shall have a reasonable time within which to rebuild or make any repairs, and such rebuilding and repairing shall be subject to delays caused by storms, shortages of labor and materials, government

regulations, strikes, walkouts, and causes beyond the control of BellSouth, which causes shall not be construed as limiting factors, but as exemplary only.

<<customer_short_name>> may, at its own expense, accelerate the rebuild of its Remote Collocation Space and equipment provided, however, that a BellSouth Certified Supplier is used and the necessary space preparation has been completed. A BellSouth Certified Vendor must perform a rebuild of equipment. If <<customer_short_name>>'s acceleration of the project increases the cost of the project, then those additional charges will be incurred at <<customer_short_name>>'s expense. Where allowed and where practical, <<customer_short_name>> may erect a temporary facility while BellSouth rebuilds or makes repairs. In all cases where the Remote Collocation Space shall be rebuilt or repaired, <<customer_short_name>> shall be entitled to an equitable abatement of rent and other charges, depending upon the unsuitability of the Remote Collocation Space for <<customer_short_name>>'s permitted use, until such Remote Collocation Space is fully repaired and restored and <<customer_short_name>>'s equipment installed therein (but in no event later than thirty (30) days after the Remote Collocation Space is fully repaired and restored). Where <<customer_short_name>> has placed a Remote Site Adjacent Arrangement pursuant to Section 3.4, <<customer_short_name>> shall have the sole responsibility to repair or replace said Remote Site Adjacent Arrangement provided herein. Pursuant to this Section, BellSouth will restore the associated services to the Remote Site Adjacent Arrangement.

14. Eminent Domain

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

15. Nonexclusivity

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

ENVIRONMENTAL AND SAFETY PRINCIPLES

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

1. GENERAL PRINCIPLES

- 1.1 Compliance with Applicable Law. BellSouth and <<customer_short_name>> 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 National Fire Protection Association (NFPA) NEC and National Electric Safety Codes (NESC) (“Applicable Laws”) requirements. . 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 <<customer_short_name>> shall provide notice to the other, including any Material Safety Data Sheets (MSDSs), of known and recognized physical hazards or Hazardous Chemicals existing on site or brought on site. A Hazardous Chemical inventory list is posted on an OSHA Poster and updated annually at each Central Office. This Poster is normally located near the front entrance of the building or in the lounge area. Each Party is required to provide specific notice for known potential Imminent Danger conditions. <<customer_short_name>> should contact 1-800-743-6737 for any BellSouth MSDS required.
- 1.3 Practices/Procedures. BellSouth may make available additional environmental control procedures for <<customer_short_name>> to follow when working at a BellSouth Remote Site Location (See Section 2, below). These practices/procedures will represent the regular work practices required to be followed by the employees and suppliers of BellSouth for environmental protection. <<customer_short_name>> will require its suppliers, agents, Guests and others accessing the BellSouth Remote Site Location to comply with these practices. Section 2 lists the Environmental categories where BST practices should be followed by <<customer_short_name>> when operating in the BellSouth Remote Site Location.
- 1.4 Environmental and Safety Inspections. BellSouth reserves the right to inspect <<customer_short_name>>’s Remote Collocation Space with proper notification. BellSouth reserves the right to stop any <<customer_short_name>> work operation that imposes Imminent Danger to the environment, employees or other persons in or around a Remote Site Location.
- 1.5 Hazardous Materials Brought On Site. Any hazardous materials brought into, used, stored or abandoned a BellSouth Remote Site Location by <<customer_short_name>> are owned by and considered the property of <<customer_short_name>>. <<customer_short_name>> 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 <<customer_short_name>> or different hazardous materials used by <<customer_short_name>> at the BellSouth Remote Site Location. <<customer_short_name>> must demonstrate adequate emergency response capabilities for the materials used by <<customer_short_name>> or remaining at a BellSouth Remote Site Location.

- 1.6 Spills and Releases. When contamination is discovered at a BellSouth Remote Site Location, either Party discovering the condition must notify the other Party. All Spills or Releases of regulated materials will immediately be reported by <<customer_short_name>> to BellSouth.
- 1.7 Coordinated Environmental Plans and Permits. BellSouth and <<customer_short_name>> 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 <<customer_short_name>> will develop a cost sharing procedure. If BellSouth's permit or EPA identification number must be used, <<customer_short_name>> must comply with all of BellSouth's permit conditions and environmental processes, including environmental "best management practices (BMP)" (see Section 2, below) and the selection of BST disposition vendors and disposal sites.
- 1.8 Environmental and Safety Indemnification. BellSouth and <<customer_short_name>> 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 employees, agents, suppliers, or Guests concerning its operations at a Remote Site Location.

2. CATEGORIES FOR CONSIDERATION OF ENVIRONMENTAL ISSUES

- 2.1 When performing functions that fall under the following Environmental categories on BellSouth's Remote Site Location, <<customer_short_name>> 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. <<customer_short_name>> further agrees to cooperate with BellSouth to ensure that <<customer_short_name>>'s employees, agents, suppliers and/or Guests are knowledgeable of and satisfy those provisions of BellSouth's Environmental M&Ps which apply to the specific Environmental function being performed by <<customer_short_name>>, its employees, agents, suppliers and/or Guests.

- 2.1.1 The most current version of reference documentation must be requested from <<customer_short_name>>'s BellSouth Regional Contract Manager (RCM).

ENVIRONMENTAL CATEGORIES	ENVIRONMENTAL ISSUES	ADDRESSED BY THE FOLLOWING DOCUMENTATION
Disposal of hazardous material	Compliance with all applicable	• Std T&C 450

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

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

3. DEFINITIONS

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

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

Hazardous Waste. As defined in section 1004 of RCRA.

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

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

4. ACRONYMS

ATCC – Account Team Collocation Coordinator

BST – BellSouth Telecommunications

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

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

E/S – Environmental/Safety

EVET - Environmental Vendor Evaluation Team

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

NESC - National Electrical Safety Codes

P&SM - Property & Services Management

Std T&C - Standard Terms & Conditions

COLLOCATION - Tennessee														Attachment: 4		Exhibit: B		
CATEGORY		RATE ELEMENTS		Interim	Zone	BCS	USOC	RATES(\$)					Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l
								Rec	Nonrecurring First	Add'l	Nonrecurring First	Disconnect Add'l	OSS Rates(\$)					
													SOME C	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN
PHYSICAL COLLOCATION																		
	Application																	
		Physical Collocation - Cageless - Application Fee				CLO	PE1CH		2,633.00									
		Physical Caged Collocation-App Cost(initial & sub)-Planning, per request				CLO	PE1AC	16.16	2,903.66									
		Physical Collocation - Co-Carrier Cross Connects/Direct Connect, Application Fee, per application				CLO	PE1DT		585.09									
		Physical Collocation - Power Reconfiguration Only, Application Fee				CLO	PE1PR		400.10									
		Physical Collocation Administrative Only - Application Fee				CLO	PE1BL		743.25									
	Space Preparation																	
		Physical Caged Collocation-Space Prep-Grounding, per location				CLO	PE1SB	4.32										
		Physical Collocation, Caged Collocation - Space Prep-Power Cable, 40 AMP, includes 20 AMP A and B Feed				CLO	PE1SN		142.40									
		Physical Collocation, Caged Collocation - Space Prep-Power Cable, 100 AMP, includes 50 AMP A and B Feed				CLO	PE1SO		185.72									
		Physical Collocation, Caged Collocation - Space Prep-Power Cable, 200 AMP, includes 100 AMP A and B Feed				CLO	PE1SP		242.05									
		Physical Caged Collocation-Space Enclosure-Cage Preparation, per first 100 sq. ft.				CLO	PE1S1	110.97										
		Physical Caged Collocation-Space Enclosure-Cage Preparation, per add'l 50 sq. ft.				CLO	PE1S5	55.49										
		Physical Caged Collocation-Floor Space-Land & Buildings, per sq. ft.				CLO	PE1FS	5.94										
		Physical Collocation - Cageless - Floor Space, per sq. ft.				CLO	PE1ZB	3.91										
		Physical Collocation - Floor Space, per sq feet				CLO	PE1PJ	5.94										
		Physical Collocation - Space Enclosure, welded wire, first 50 square feet				CLO	PE1BX	197.09										
		Physical Collocation - Space enclosure, welded wire, first 100 square feet				CLO	PE1BW	218.53										
		Physical Collocation - Space enclosure, welded wire, each additional 50 square feet				CLO	PE1CW	21.44										
		Physical Collocation - Space Preparation - C.O. Modification per square ft.				CLO	PE1SK	2.74										
		Physical Collocation - Space Preparation, Common Systems Modifications-Cageless, per square foot				CLO	PE1SL	2.95										
		Physical Collocation - Space Preparation - Common Systems Modifications-Caged, per cage				CLO	PE1SM	100.14										
		Physical Collocation - Space Preparation - Firm Order Processing				CLO	PE1SJ		1,204.00									
		Physical Collocation - Space Availability Report, per Central Office Requested		I		CLO	PE1SR		2,027.00									
	Power																	
		Physical Collocation - Power, -48V DC Power - per Fused Amp Requested				CLO	PE1PL	8.87										
		Physical Collocation - Power, 120V AC Power, Single Phase, per Breaker Amp				CLO	PE1FB	5.60										
		Physical Collocation - Power, 240V AC Power, Single Phase, per Breaker Amp				CLO	PE1FD	11.22										
		Physical Collocation - Power, 120V AC Power, Three Phase, per Breaker Amp				CLO	PE1FE	16.82										
		Physical Collocation - Power, 277V AC Power, Three Phase, per Breaker Amp				CLO	PE1FG	38.84										
		Physical Caged Collocation-Power-Power Construction, per amp DC plant				CLO	PE1PN	3.55										
		Physical Caged Collocation-Power-Power Consumption,per amp AC usage				CLO	PE1PO	2.03										
		Physical Collocation - Cageless - Power, per Fused Amp				CLO	PE1ZC	6.79										

COLLOCATION - Tennessee												Attachment: 4		Exhibit: B		
CATEGORY	RATE ELEMENTS		Interim	Zone	BCS	USOC	RATES(\$)				Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l
							Rec	Nonrecurring First	Add'l	Nonrecurring Disconnect First	Add'l	SOME	SOMAN	OSS Rates(\$)		
		Physical Collocation - Meter Reading - per CLEC per CO, First 12 Circuits w/BST Meter			CLO	PE1FO	102.24							SOMAN	SOMAN	
		Physical Collocation - Meter Reading -per CLEC per CO, per Each Additional 2 Circuits w/BST Meter			CLO	PE1FP	8.94									
		Physical Collocation - Meter Reading - per CLEC per CO, First 12 Circuits w/CLEC Meter			CLO	PE1FQ	98.25									
		Physical Collocation - Meter Reading - per CLEC per CO, per Each Additional 2 Circuits w/CLEC Meter			CLO	PE1FR	8.94									
		Physical Collocation - Additional Meter Reading Trip Charge, per Central Office, per Occurrence			CLO	PE1FM		307.64								
Cross Connects (Cross Connects, Co-Carrier Cross Connects, and Ports)																
					UEANL,UEQ, UNCNX, UEA, UCL, UAL, UHL, UDN, UNCVX	PE1P2	0.033	33.82	31.92							
		Physical Collocation - 2-wire cross-connect, loop, provisioning			UNCNX	PE1ZD	0.57	11.62	9.90	10.38	8.66					
		Physical Collocation - Cageless - 2-Wire Cross-Connects			UEA, UHL, UNCVX, UNCDX, UCL, UDL	PE1P4	0.066	33.94	31.95							
		Physical Collocation - 4-wire cross-connect, loop, provisioning			UNCVX, UNCDX,	PE1ZE	0.57	11.81	10.04	10.44	8.67					
		Physical Collocation - Cageless - 4-Wire Cross Connects														
		Physical Collocation -DS1 Cross-Connect for Physical Collocation, provisioning			WDS1L, WDS1S, UXTD1, ULDD1, USLEL, UNLD1, U1TD1, UNC1X, UEPSP, UEPSP, UEPSE, UEPSP, USL	PE1P1	1.51	53.27	40.16							
		Physical Collocation - Cageless - DS1 Cross Connects			WDS1L, WDS1S, UXTD1, ULDD1, USLEL, UNLD1, UEPSE, UEPSP, USL	PE1ZF	1.32	32.22	17.76	10.46	8.75					
					UE3, U1TD3, UXTD3, UXTS1, UNC3X, UNCSX, ULDD3, U1TS1, ULDS1, UNLD3, UEPSE, UEPSP, UEPSE, UEPSP	PE1P3	19.26	52.37	38.89							
		Physical Collocation - DS3 Cross-Connect, provisioning			UE3,U1TD3, UXTD3, UXTS1, UNC3X, UNCSX, ULDD3, U1TS1,ULDS1, UNLD3	PE1P3	19.26	52.37	38.89							
		Physical Collocation - Cageless - DS3 Cross Connects			UE3,U1TD3, UXTD3, UXTS1, UNC3X, UNCSX, ULDD3, U1TS1,ULDS1, UNLD3	PE1ZG	12.32	29.97	16.30	12.03	8.99					
		Physical Collocation - 2-Fiber Cross-Connect			CLO, ULDO3, ULD12, ULD48, U1TO3, U1T12, U1T48, UDLO3, UDL12, UDF	PE1F2	15.64	41.56	29.82	12.96	10.34			2.69	2.69	1.56 1.56
		Physical Collocation - Cageless - 2 Fiber Cross Connect			CLO, ULDO3, ULD12, ULD48, U1TO3, U1T12, U1T48, UDLO3, UDL12, UDF	PE1CK	3.03	41.56	29.82	12.96	10.34					
		Physical Collocation - 4-Fiber Cross-Connect			ULDO3, ULD12, ULD48, U1TO3, U1T12, U1T48, UDLO3, UDL12, UDF, UDFCX	PE1F4	28.11	50.53	38.78	16.97	14.35			2.69	2.69	1.56 1.56

COLLOCATION - Tennessee											Attachment: 4		Exhibit: B			
CATEGORY	RATE ELEMENTS	Interim	Zone	BCS	USOC	RATES(\$)					Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l
						Rec	Nonrecurring First	Add'l	Nonrecurring First	Disconnect Add'l	OSS Rates(\$)					
											SOMEK	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN
	Physical Collocation - Cageless - 4-Fiber Cross-Connect			ULD03, ULD12, ULD48, U1T03, U1T12, U1T48, UDLO3, UDL12, UDF	PE1CL	6.06	50.53	38.78	16.97	14.35						
	Physical Collocation - Co-Carrier Cross Connects/Direct Connect - Fiber Cable Support Structure, per linear foot, per cable.			CLO	PE1ES	0.0013										
	Physical Collocation - Cageless - Co-Carrier Cross Connects - Fiber Cable Support Structure, per linear foot, per cable.			CLO	PE1ZH	0.0031										
	Physical Collocation - Co-Carrier Cross Connect/Direct Connect - Copper/Coax Cable Support Structure, per linear foot, per cable.			CLO	PE1DS	0.0019										
	Physical Collocation - Cageless - Co-Carrier Cross Connects - Copper/Coax Cable Support Structure, per linear foot, per cable.			CLO	PE1ZJ	0.0045										
	Physical Collocation 2-Wire Cross Connect, Port			UEPSR, UEPS, UEPSB, UEPX, UEP2C	PE1R2	0.033	33.82	31.92					20.35	10.54	13.32	1.40
	Physical Collocation 4-Wire Cross Connect, Port			UEPEX, UEPDD	PE1R4	0.066	33.94	31.95					20.35	10.54	13.32	1.40
	Physical Caged Collocation-2-wire Cross Connects-Voice Grade circuits, per circuit.			UE3,U1TD3, UXTD3, UXTS1, UNC3X, UNCSX, ULDD3, U1TS1,ULDS1, UNLD3	PE12C	0.0475	7.68									
	Physical Caged Collocation-4-wire Cross Connects-Voice Grade circuits, per circuit.			UE3,U1TD3, UXTD3, UXTS1, UNC3X, UNCSX, ULDD3, U1TS1,ULDS1, UNLD3	PE14C	0.0475	7.68									
	Physical Caged Collocation-DS1 Cross Connects-connection to DCS, per circuit.			UE3,U1TD3, UXTD3, UXTS1, UNC3X, UNCSX, ULDD3, U1TS1,ULDS1, UNLD3	PE11S	7.68	41.65									
	Physical Caged Collocation-DS1 Cross Connects-Connection to DSX, per circuit.			UE3,U1TD3, UXTD3, UXTS1, UNC3X, UNCSX, ULDD3, U1TS1,ULDS1, UNLD3	PE11X	0.38	41.65									
	Physical Caged Collocation-DS3 Cross Connects-Connection to DCS, per circuit.			U1TD3, UXTD3, UXTS1, UNC3X, UNCSX, ULDD3, U1TS1,ULDS1, UNLD3	PE13S	53.96	298.03									
	Physical Caged Collocation-DS3 Cross Connects-Connection to DSX, per circuit.			U1TD3, UXTD3, UXTS1, UNC3X, UNCSX, ULDD3, U1TS1,ULDS1, UNLD3	PE13X	9.32	298.03									
	Security															
	Physical Caged Collocation-Security Access-Access Cards, per 5 Cards			CLO	PE1A2		76.10									
	Physical Collocation - Cageless - Security Escort - Basic, per Half Hour			CLO	PE1ZM		33.15	20.44								

COLLOCATION - Tennessee												Attachment: 4		Exhibit: B								
CATEGORY	RATE ELEMENTS		Interim	Zone	BCS	USOC	RATES(\$)				Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l						
							Rec	Nonrecurring First	Add'l	Nonrecurring Disconnect First	Add'l	OSS Rates(\$)					SOMEK	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN
		Physical Collocation - Cageless - Security Escort - Overtime, per Half Hour			CLO	PE1ZN		41.50	25.61													
		Physical Collocation - Cageless - Security Escort - Premium, per Half Hour			CLO	PE1ZO		49.86	30.79													
		Physical Collocation - Security Escort for Basic Time - normally scheduled work, per half hour			CLO	PE1BT		33.91	21.49													
		Physical Collocation - Security Escort for Overtime - outside of normally scheduled working hours on a scheduled work day, per half hour			CLO	PE1OT		44.17	27.76													
		Physical Collocation - Security Escort for Premium Time - outside of scheduled work day, per half hour			CLO	PE1PT		54.42	34.02													
		Physical Collocation - Security Access System - Security System per Central Office			CLO	PE1AX	55.99															
		Physical Collocation -Security Access System - New Card Activation, per Card Activation (First), per State			CLO	PE1A1	0.059	55.67														
		Physical Collocation-Security Access System-Administrative Change, existing Access Card, per Request, per State, per Card			CLO	PE1AA		15.61														
		Physical Collocation - Security Access System - Replace Lost or Stolen Card, per Card			CLO	PE1AR		45.64														
		Physical Collocation - Security Access - Initial Key, per Key			CLO	PE1AK		26.24														
		Physical Collocation - Security Access - Key, Replace Lost or Stolen Key, per Key			CLO	PE1AL		26.24														
	CFA																					
		Physical Collocation - CFA Information Resend Request, per premises, per arrangement, per request			CLO	PE1C9		77.67														
	Cable Records																					
		Physical Collocation - Cable Records, per request			CLO	PE1CR		1,711.00														
		Physical Collocation, Cable Records, VG/DS0 Cable, per cable record (maximum 3600 records)			CLO	PE1CD		925.06														
		Physical Collocation, Cable Records, VG/DS0 Cable, per each 100 pair			CLO	PE1CO		18.05														
		Physical Collocation, Cable Records, DS1, per T1 TIE			CLO	PE1C1		8.45														
		Physical Collocation, Cable Records, DS3, per T3 TIE			CLO	PE1C3		29.57														
		Physical Collocation - Cable Records, Fiber Cable, per cable record (maximum 99 records)			CLO	PE1CB		279.42														
	Virtual to Physical																					
		Physical Collocation - Virtual to Physical Collocation Relocation, per Voice Grade Circuit			CLO	PE1BV		33.00														
		Physical Collocation - Virtual to Physical Collocation Relocation, per DSO Circuit			CLO	PE1BO		33.00														
		Physical Collocation - Virtual to Physical Collocation Relocation, per DS1 Circuit			CLO	PE1B1		52.00														
		Physical Collocation - Virtual to Physical Collocation Relocation, per DS3 Circuit			CLO	PE1B3		52.00														
		Physical Collocation - Virtual to Physical Collocation In-Place, Per Voice Grade Circuit			CLO	PE1BR		23.00														
		Physical Collocation Virtual to Physical Collocation In-Place, Per DSO Circuit			CLO	PE1BP		23.00														
		Physical Collocation - Virtual to Physical Collocation In-Place, Per DS1 Circuit			CLO	PE1BS		33.00														
		Physical Collocation - Virtual to Physical Collocation In-Place, per DS3 Circuit			CLO	PE1BE		37.00														
	Entrance Cable																					
		Physical Collocation - Cable Support Structure, per Entrance Cable			CLO	PE1PM	19.80															
		Physical Collocation - Fiber Entrance Cable per Cable (CO manhole to vault splice)			CLO	PE1EC		1,071.00		43.10												
		Physical Collocation - Fiber Entrance Cable Installation, per Fiber			CLO	PE1ED		7.29														

COLLOCATION - Tennessee											Attachment: 4		Exhibit: B			
CATEGORY	RATE ELEMENTS	Interim	Zone	BCS	USOC	RATES(\$)					Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l
						Rec	Nonrecurring First	Add'l	Nonrecurring First	Disconnect Add'l	SOME C	SOMAN	OSS Rates(\$)			
VIRTUAL COLLOCATION																
	Application															
	Virtual Collocation - Application Fee			AMTFS	EAF		2,633.00						2.07	2.81	0.67	1.41
	Virtual Collocation - Co-Carrier Cross Connects/Direct Connect, Application Fee, per application			AMTFS	VE1CA		585.09									
	Virtual Collocation Administrative Only - Application Fee			AMTFS	VE1AF		743.25									
	Space Preparation															
	Virtual Collocation - Floor Space, per sq. ft.			AMTFS	ESPVX	3.91										
	Power															
	Virtual Collocation - Power, per fused amp			AMTFS	ESPAX	6.79										
	Cross Connects (Cross Connects, Co-Carrier Cross Connects, and Ports)															
	Virtual Collocation - 2-wire cross-connect, loop, provisioning			UEANL, UEA, UDN, UAL, UHL, UCL, UEQ, UNCVX, UNCDX, UNCNX	UEAC2	0.57	11.62	9.90	10.38	8.66			2.07	2.81	0.67	1.41
	Virtual Collocation - 4-wire cross-connect, loop, provisioning			UEA, UHL, UCL, UDL, UNCVX, UNCDX	UEAC4	0.57	11.81	10.04	10.44	8.67			2.07	2.81	0.67	1.41
	Virtual collocation - Special Access & UNE, cross-connect per DS1			ULR, UXTD1, UNC1X, ULDD1, U1TD1, USLEL, UNLD1, USL	CNC1X	1.32	32.22	17.76	10.46	8.75			2.07	2.81	0.67	1.41
	Virtual collocation - Special Access & UNE, cross-connect per DS3			USL, UE3, U1TD3, UXTS1, UXTD3, UNC3X, UNCSX, ULDD3, U1TS1, ULDS1, UDLSX, UNLD3	CND3X	12.32	29.97	16.30	12.03	8.99			2.07	2.81	0.67	1.41
	Virtual Collocation - 2-Fiber Cross Connects			UDL12, UDLO3, U1T48, U1T12, U1TO3, ULDO3, ULD12, ULD48, UDF	CNC2F	3.03	41.56	29.82	12.96	10.34			2.69	2.69	1.56	1.56
	Virtual Collocation - 4-Fiber Cross Connects			UDL12, UDLO3, U1T48, U1T12, U1TO3, ULDO3, ULD12, ULD48, UDF	CNC4F	6.06	50.53	38.78	16.97	14.35			2.69	2.69	1.56	1.56
	Virtual Collocation - Co-Carrier Cross Connects/Direct Connect - Fiber Cable Support Structure, per linear foot, per cable			AMTFS	VE1CB	0.0013										
	Virtual Collocation - Co-Carrier Cross Connects/Direct Connect - Copper/Coax Cable Support Structure, per linear foot, per cable			AMTFS	VE1CD	0.0019										
	Virtual Collocation 2-Wire Cross Connect, Port			UEPSX, UEPSB, UEPSE, UEPSP, UEPSR, UEP2C	VE1R2	0.57	11.62	9.90	10.38	8.66			20.35	10.54	13.32	1.40
	Virtual Collocation 4-Wire Cross Connect, Port			UEPDD, UEPEX	VE1R4	0.57	11.81	10.04	10.44	8.67			20.35	10.54	13.32	1.40
	CFA															
	Virtual Collocation - CFA Information Resend Request, per Premises, per Arrangement, per request			AMTFS	VE1QR		77.67									
	Cable Records															
	Virtual Collocation Cable Records - per request			AMTFS	VE1BA		1,711.00									
	Virtual Collocation Cable Records - VG/DS0 Cable, per cable record			AMTFS	VE1BB		925.06									
	Virtual Collocation Cable Records - VG/DS0 Cable, per each 100 pair			AMTFS	VE1BC		18.05									
	Virtual Collocation Cable Records - DS1, per T1TIE			AMTFS	VE1BD		8.45									
	Virtual Collocation Cable Records - DS3, per T3TIE			AMTFS	VE1BE		29.57									

COLLOCATION - Tennessee										Attachment: 4		Exhibit: B						
CATEGORY	RATE ELEMENTS		Interim	Zone	BCS	USOC	RATES(\$)				Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l		
							Rec	Nonrecurring First	Add'l	Nonrecurring First	Disconnect Add'l	OSS Rates(\$)						
												SOMEK	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN	
		Virtual Collocation Cable Records - Fiber Cable, per 99 fiber records			AMTFS	VE1BF		279.42										
	Security																	
		Virtual collocation - Security escort, basic time, normally scheduled work hours			AMTFS	SPTBX		33.15	20.44					2.07	2.81	0.67	1.41	
		Virtual collocation - Security escort, overtime, outside of normally scheduled work hours on a normal working day			AMTFS	SPTOX		41.50	25.61					2.07	2.81	0.67	1.41	
		Virtual collocation - Security escort, premium time, outside of a scheduled work day			AMTFS	SPTPX		49.86	30.79					2.07	2.81	0.67	1.41	
	Maintenance																	
		Virtual collocation - Maintenance in CO - Basic, per half hour			AMTFS	CTRLX		30.64						2.07	2.81	0.67	1.41	
		Virtual collocation - Maintenance in CO - Overtime, per half hour			AMTFS	SPTOM		35.77						2.07	2.81	0.67	1.41	
		Virtual collocation - Maintenance in CO - Premium per half hour			AMTFS	SPTPM		40.90						2.07	2.81	0.67	1.41	
	Entrance Cable																	
		Virtual Collocation - Cable Installation Charge, per cable			AMTFS	ESPCX		1,749.00						2.07	2.81	0.67	1.41	
		Virtual Collocation - Cable Support Structure, per cable			AMTFS	ESPSX	17.87											
COLLOCATION IN THE REMOTE SITE																		
	Physical Remote Site Collocation																	
		Physical Collocation in the Remote Site - Application Fee			CLORS	PE1RA		580.20		312.76								
		Cabinet Space in the Remote Site per Bay/ Rack			CLORS	PE1RB	220.41											
		Physical Collocation in the Remote Site - Security Access - Key			CLORS	PE1RD		24.69										
		Physical Collocation in the Remote Site - Space Availability Report per Premises Requested			CLORS	PE1SR		218.49										
		Physical Collocation in the Remote Site - Remote Site CLLI Code Request, per CLLI Code Requested			CLORS	PE1RE		70.81										
		Remote Site DLEC Data (BRSD), per Compact Disk, per CO			CLORS	PE1RR		234.15										
		Physical Collocation - Security Escort for Basic Time - normally scheduled work, per half hour			CLORS	PE1BT		33.91	21.49									
		Physical Collocation - Security Escort for Overtime - outside of normally scheduled working hours on a scheduled work day, per half hour			CLORS	PE1OT		44.17	27.76									
		Physical Collocation - Security Escort for Premium Time - outside of scheduled work day, per half hour			CLORS	PE1PT		54.42	34.02									
	Adjacent Remote Site Collocation																	
		Remote Site-Adjacent Collocation-Application Fee			CLORS	PE1RU		755.62	755.62									
		Remote Site-Adjacent Collocation - Real Estate, per square foot			CLORS	PE1RT	0.134											
		Remote Site-Adjacent Collocation - AC Power, per breaker amp			CLORS	PE1RS	6.27											
NOTE: If Security Escort and/or Add'l Engineering Fees become necessary for adjacent remote site collocation, the Parties will negotiate appropriate rates.																		
	Virtual Remote Site Collocation																	
		Virtual Collocation in the Remote Site - Application Fee			VE1RS	VE1RB		580.20		312.76								
		Virtual Collocation in the Remote Site - Per Bay/Rack of Space			VE1RS	VE1RC	220.41											
		Virtual Collocation in the Remote Site - Space Availability Report per Premises requested			VE1RS	VE1RR		218.49										
		Virtual Collocation in the Remote Site - Remote Site CLLI Code Request, per CLLI Code Requested			VE1RS	VE1RL		70.81										
ADJACENT COLLOCATION																		
		Adjacent Collocation - Space Charge per Sq. Ft.			CLOAC	PE1JA	0.0656											
		Adjacent Collocation - Electrical Facility Charge per Linear Ft.			CLOAC	PE1JC	5.53											
		Adjacent Collocation - 2-Wire Cross-Connects			UEANL,UEQ,UEA,U CL, UAL, UHL, UDN	PE1JE	0.34	11.12	10.18	11.33	10.23			1.77	1.77	1.12	1.12	
		Adjacent Collocation - 4-Wire Cross-Connects			UEA,UHL,UDL,UCL	PE1JF	0.33	11.30	10.31	11.62	10.44			1.77	1.77	1.12	1.12	
		Adjacent Collocation - DS1 Cross-Connects			USL	PE1JG	1.70	28.39	16.88	11.65	10.54			1.77	1.77	1.12	1.12	
		Adjacent Collocation - DS3 Cross-Connects			UE3	PE1JH	19.03	26.23	15.51	13.40	10.77			1.77	1.77	1.12	1.12	

COLLOCATION - Tennessee												Attachment: 4		Exhibit: B		
CATEGORY	RATE ELEMENTS	Interim	Zone	BCS	USOC	RATES(\$)					Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l
						Rec	Nonrecurring First	Add'l	Nonrecurring First	Disconnect Add'l						
												OSS Rates(\$)				
											SOMEC	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN
	Adjacent Collocation - 2-Fiber Cross-Connect			CLOAC	PE1JJ	3.49	26.23	15.51	13.41	10.78			1.77	1.77	1.12	1.12
	Adjacent Collocation - 4-Fiber Cross-Connect			CLOAC	PE1JK	6.50	29.75	19.02	17.60	14.97			1.77	1.77	1.12	1.12
	Adjacent Collocation - Application Fee			CLOAC	PE1JB		2,973.00		0.95				0.00	0.00	0.00	0.00
	Adjacent Collocation - 120V, Single Phase Standby Power Rate per AC Breaker Amp			CLOAC	PE1JL	5.81										
	Adjacent Collocation - 240V, Single Phase Standby Power Rate per AC Breaker Amp			CLOAC	PE1JM	11.64										
	Adjacent Collocation - 120V, Three Phase Standby Power Rate per AC Breaker Amp			CLOAC	PE1JN	17.45										
	Adjacent Collocation - 277V, Three Phase Standby Power Rate per AC Breaker Amp			CLOAC	PE1JO	40.30										
NOTE: Rates displaying an "R" in the interim column are interim and subject to rate true-up as set forth in General Terms and 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 During the term of this Agreement, where Momentum is utilizing its own switch, Momentum shall contact the North American Numbering Plan Administrator (NANPA), or, where applicable, the relevant Number Pool Administrator for the assignment of numbering resources.
- 1.2 Where BellSouth provides local switching or resold services to Momentum, BellSouth will provide Momentum with online access to available telephone numbers as defined by applicable FCC rules and regulations on a first come first served basis. Momentum acknowledges that such access to numbers shall be in accordance with the appropriate FCC rules and regulations. Momentum may designate up to a forecasted six (6) months supply of available numbers as intermediate (an available number provided to Momentum) telephone numbers per rate center if the following conditions are met:
 - 1.2.1 Momentum must: (1) indicate that all of the intermediate numbers currently held by Momentum in each rate center where Momentum will be requesting intermediate telephone numbers have six (6) or less months to exhaust; (2) supply projected monthly telephone number demand on a rate center basis for the coming twelve (12) months for each rate center where Momentum will be requesting intermediate telephone numbers; and, (3) demonstrate that the utilization level on current intermediate numbers held by Momentum in the rate center where Momentum is requesting telephone numbers has reached at least 75%.
 - 1.2.2 The above information will be provided by Momentum by submitting to BellSouth a fully completed “CO Code Assignments Months To Exhaust Certification Worksheet – TN Level” (“MTE Worksheet”), Appendix B to the Central Office Code (NXX) Assignments Guidelines, INC 95-0407-008 for each rate center where Momentum will be requesting intermediate telephone numbers. The utilization level is calculated by dividing all intermediate numbers currently assigned by Momentum to End Users by the total number of intermediate numbers held by Momentum in the rate center and multiplying the result by one hundred (100).
 - 1.2.3 If fulfilling Momentum’s request for intermediate numbers results in BellSouth having to submit a request for additional telephone numbers to a national numbering administrator (either NANPA CO Code Administration or NeuStar Pooling Administration or their successors), BellSouth will submit the required numbering request to the national numbering administrator to satisfy Momentum’s request for intermediate numbers. BellSouth will also pursue all appropriate steps (including submitting a safety valve request (petition) to the

appropriate Commission if the numbering request is denied by the national administrator) to satisfy Momentum's request for intermediate numbers. In these cases, BellSouth is not obligated to fulfill the request by Momentum for intermediate numbers unless, and until, BellSouth's request for additional numbering resources is granted.

- 1.2.4 Momentum agrees to supply supporting information for any numbering request and/or safety valve request that BellSouth files pursuant to Section 1.2.3 above.
- 1.3 Momentum acknowledges that there may be instances where there is an industry shortage of available telephone numbers in a number plan area (NPA). These instances occur where a jeopardy status has been declared by NANPA and the industry has determined that limiting the assignment of new numbers is the appropriate method to employ until the jeopardy can be alleviated. In such NPA jeopardy situations where assignment of new numbers is restricted per the jeopardy guidelines developed by the industry, BellSouth may request that Momentum cancel all or a portion of its unassigned intermediate numbers. Momentum's consent to BellSouth's request shall not be unreasonably withheld.

2. **LOCAL NUMBER PORTABILITY**

- 2.1 The Parties will offer Local number portability (LNP) in accordance with rules, regulations and guidelines adopted by the Commission, the FCC and industry fora.
- 2.2 Service Management System (SMS) Administration. The Parties will work cooperatively with other local service providers to establish and maintain contracts for the LNP SMS.
- 2.3 Network Architecture. The Parties agree to adhere to applicable FCC rules and orders governing LNP network architecture.
- 2.4 Signaling. In connection with LNP, each Party agrees to use SS7 signaling in accordance with applicable FCC rules and orders.
- 2.5 N-1 Query. The Parties agree to adhere to applicable FCC rules and orders governing LNP N-1 queries.
- 2.6 Porting of Reserved Numbers and Suspended Lines. End Users of each Party may port numbers, via LNP, that are in a denied state or that are on suspend status. In addition, End Users of each Party may port reserved numbers that the End User has paid to reserve. Portable reserved numbers are identified on the Customer Service Record (CSR). In anticipation of porting from one Party to the other Party, a Party's End User may reserve additional telephone numbers and include them with the numbers that are subsequently ported to the other Party. It is not necessary to restore a denied number before it is ported.
- 2.7 Splitting of Number Groups. The Parties shall permit blocks of subscriber numbers (including, but not limited to, Direct Inward Dial (DID) numbers and

MultiServ groups) to be split in connection with an LNP request. BellSouth and Momentum shall permit End Users who port a portion of DID numbers to retain DID service on the remaining portion of numbers. If a Party requests porting a range of DID numbers smaller than a whole block, that Party shall pay the applicable charges for doing so as set forth in Attachment 2 of this Agreement. In the event no rate is set forth in Attachment 2, then the Parties shall negotiate a rate for such services.

- 2.8 The Parties will set Location Routing Number (LRN) unconditional or 10-digit triggers where applicable. Where triggers are set, the porting Party will remove the ported number at the same time the trigger is removed.
- 2.9 A trigger order is a service order issued in advance of the porting of a number. A trigger order 1) initiates call queries to the AIN SS7 network in advance of the number being ported; and 2) provides for the new service provider to be in control of when a number ports.
- 2.10 Where triggers are not set, the Parties shall coordinate the porting of the number between service providers so as to minimize service interruptions to the End User.
- 2.11 BellSouth and Momentum will work cooperatively to implement changes to LNP process flows ordered by the FCC or as recommended by standard industry forums addressing LNP.
- 2.12 Where Momentum utilizes BellSouth's LNP Query Service, BellSouth shall bill and Momentum shall pay the query charge associated with LNP Query Service as set forth in Attachment 2. To receive the LNP Query Service charge set forth in Attachment 2, Momentum shall fill out and submit the Interconnection data sheet for BellSouth LNP Query Service. The form can be obtained on www.interconnection.bellsouth.com under BellSouth LNP Query Service and click on forms. Once the form has been filled out and submitted the LNP Query charge will take effect on the approved date. This charge is not subject to the resale discount set forth in Attachment 1 of this Agreement.

3. OSS RATES

- 3.1 The terms, conditions and rates for OSS utilized in connection with LNP are as set forth in Exhibit A of Attachment 2.

4. LNP IN CONJUNCTION WITH LOCAL SWITCHING

- 4.1 Where Momentum purchases local switching from BellSouth, the Parties shall adhere to the following processes:
- 4.2 When Momentum submits an LSR for services, if the telephone number associated with the services requested resides in a switch other than BellSouth's, then BellSouth will submit an LNP LSR to the appropriate switch owner. Momentum shall be responsible for reimbursing BellSouth for any costs or charges imposed on BellSouth by the switch owner resulting from the submission of the LNP LSR. Any costs or charges imposed on BellSouth by the switch

owner resulting from the submission of the LNP LSR will be billed to Momentum in a timely manner upon receipt from the switch owner. In addition, Momentum shall pay to BellSouth the manual service order charges specified in Exhibit A of Attachment 2 of this Agreement for BellSouth's creation and submission of the LNP LSR to the appropriate switch owner.

- 4.3 Working telephone numbers, telephone numbers for which payment has been made to reserve and telephone numbers that are in a denied state (but not disconnected) or suspended status may be subject to porting.

Attachment 6

**Pre-Ordering, Ordering, Provisioning,
Maintenance and Repair**

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PRE-ORDERING, ORDERING, PROVISIONING, MAINTENANCE AND REPAIR

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

- 1.1 BellSouth shall provide to Momentum nondiscriminatory access to its Operations Support Systems (OSS) and the necessary information contained therein in order that Momentum can perform the functions of pre-ordering, ordering, provisioning, maintenance and repair, and billing. BellSouth shall provide Momentum with all relevant documentation (manuals, user guides, specifications, etc.) regarding business rules and other formatting information as well as practices and procedures necessary to ensure requests are efficiently processed. All documentation will be readily accessible at BellSouth's Interconnection Web site and is incorporated herein by reference. BellSouth shall ensure that its OSS are designed to accommodate requests for both current and projected demands of Momentum and other CLECs in the aggregate. Guidelines for ordering and pre-ordering are set forth in the Local Ordering Handbook located at the BellSouth Interconnection Web site.

2. ACCESS TO OPERATIONS SUPPORT SYSTEMS

- 2.1 BellSouth shall provide Momentum nondiscriminatory access to its OSS and the necessary information contained therein in order that Momentum can perform the functions of pre-ordering, ordering, provisioning, maintenance and repair, and billing. BellSouth shall provide nondiscriminatory access to the OSS through manual and/or electronic interfaces as described in this Attachment. It is the sole responsibility of Momentum to obtain the technical capability to access and utilize BellSouth's OSS interfaces. Specifications for Momentum's access and use of BellSouth's electronic interfaces are set forth at BellSouth's Interconnection Web site and are incorporated herein by reference.
- 2.1.1 Momentum agrees to comply with the provisions of the Operations Support Systems (OSS) Interconnection Volume Guidelines as set forth at BellSouth's Interconnection Web site.
- 2.2 Pre-Ordering. BellSouth will provide electronic access to its OSS and the information contained therein in order that Momentum can perform the following pre-ordering functions: service address validation, telephone number selection, service and feature availability, due date information, customer record information and loop makeup information. Mechanized access is provided by electronic interfaces whose specifications for access and use are set forth at BellSouth's Interconnection Web site and are incorporated herein by reference.

BellSouth shall provide to Momentum customer service records in compliance with applicable Performance Measurement Metrics as set forth in Attachment 9. The process by which BellSouth and Momentum will manage these electronic interfaces to include the development and introduction of new interfaces will be governed by the change management process as described in Section 2.7 below. If electronic access is not available, BellSouth shall provide to Momentum such information within twenty-four (24) hours.

Momentum shall provide to BellSouth access to customer record information, including circuit numbers associated with each telephone number where applicable. Momentum shall provide such information within four (4) hours after request via electronic access where available. If electronic access is not available, Momentum shall provide to BellSouth paper copies of customer record information, including circuit numbers associated with each telephone number where applicable. Subject to the same exclusions that apply to BellSouth's delivery of customer service records, Momentum shall use commercially reasonable efforts to provide to BellSouth access to customer service records within twenty-four (24) hours of a valid request, exclusive of Saturdays, Sundays and holidays.

- 2.2.1 The Parties agree not to view, copy, or otherwise obtain access to the customer record information of any customer without that customer's permission. Momentum will obtain access to customer record information only in strict compliance with applicable laws, rules, or regulations of the state in which the service is provided. BellSouth reserves the right to audit Momentum's access to customer record information. If a BellSouth audit of Momentum's access to customer record information reveals that Momentum is accessing customer record information without having obtained the proper End User authorization, BellSouth upon reasonable notice to Momentum may take corrective action, including but not limited to suspending or terminating Momentum's electronic access to BellSouth's OSS functionality. All such information obtained through an audit shall be deemed Information covered by the Proprietary and Confidential Information section in the General Terms and Conditions of this Agreement.
- 2.2.2 BellSouth will make available electronic interfaces for the purpose of accessing customer record information. Each pre-order interface shall be available twenty-four (24) hours a day, seven (7) days a week, less reasonable periods required for regular maintenance and scheduled down-time. BellSouth shall use its best efforts to perform maintenance and schedule down-time during evening hours and on weekends, and will post its scheduled down-time on BellSouth's Interconnection Web site.
- 2.3 Ordering. BellSouth will make available to Momentum electronic interfaces for the purpose of exchanging order information, including order status and

completion notification, for non-complex and certain complex resale requests and certain network elements. Specifications for access and use of BellSouth's electronic interfaces are set forth at BellSouth's Interconnection Web site and are incorporated herein by reference as they are amended from time to time. The process by which BellSouth and Momentum will manage these electronic interfaces to include the development and introduction of new interfaces will be governed by the change management process as described below.

- 2.3.1 Momentum shall place orders for services by submitting a local service request ("LSR") to BellSouth. BellSouth shall bill Momentum an electronic service order charge at the rate set forth in the applicable Attachment to this Agreement for each LSR submitted by means of an electronic interface. BellSouth shall bill Momentum a manual service order charge at the rate set forth in the applicable Attachment to this Agreement for each LSR submitted by means other than the electronic Interfaces (e.g. mail, fax, courier, etc.). An individual LSR will be identified for billing purposes by its Purchase Order Number ("PON").
- 2.3.1.1 Momentum may submit an LSR to request that an End User's service be temporarily suspended, denied, or restored. Alternatively, Momentum may submit a list of such End Users if Momentum provides a separate PON for each location on the list. Each location will be billed as a separate LSR.
- 2.3.1.2 BellSouth will bill the electronic or manual service order charge, as applicable, for an LSR, regardless of whether that LSR is later supplemented, clarified or cancelled.
- 2.3.1.3 Notwithstanding the foregoing, BellSouth will not bill an additional electronic or manual service order charge for supplements to any LSR submitted to clarify, correct, change or cancel a previously submitted LSR.
- 2.3.1.4 BellSouth shall provide Momentum notification of disconnects, via an electronic process known as the Line Loss notification report, which is available at BellSouth's Interconnection Web site.
- 2.4 Provisioning. BellSouth shall provision services during its regular working hours. To the extent Momentum requests provisioning of service to be performed outside BellSouth's regular working hours, or the work so requested requires BellSouth's technicians or project managers to work outside of regular working hours, overtime charges set forth in BellSouth's State E Tariff, Section 13.2, shall apply. Notwithstanding the foregoing, if such work is performed outside of regular working hours by a BellSouth technician or project manager during his or her scheduled shift and BellSouth does not incur any overtime charges in performing the work on behalf of Momentum, BellSouth will not assess Momentum additional charges beyond the rates and charges specified in this Agreement.

- 2.4.1 In the event BellSouth must dispatch to the End User's location more than once due to incorrect or incomplete information provided by Momentum (e.g., incomplete address, incorrect contact name/number, etc.), BellSouth will bill Momentum for each additional dispatch required to provision the circuit due to the incorrect/incomplete information provided. BellSouth will assess the applicable Maintenance of Service rates from BellSouth's FCC No. 1 Tariff, Section 13.3.1 (E).
- 2.4.1.1 BellSouth will use the requirements as set forth in the Local Ordering Handbook located at the BellSouth Interconnection Web site to meet the Desired Due Date (DDD) that Momentum shall specify on each LSR.
- 2.4.2 Cancellation Charges. If Momentum cancels an LSR for network elements or resold services, any costs incurred by BellSouth in conjunction with the provisioning of that request will be recovered in accordance with BellSouth's Private Line Tariff or BellSouth's FCC No. 1 Tariff, Section 5.4.
- 2.4.2.1 Notwithstanding the foregoing, if Momentum places an LSR based upon BellSouth's loop makeup information, and such information is inaccurate resulting in the inability of BellSouth to provision the network elements requested and another spare compatible facility cannot be found with the transmission characteristics of the network elements originally requested, cancellation charges described in this Section shall not apply. Where Momentum places a single LSR for multiple network elements or services based upon loop makeup information, and information as to some, but not all, of the network elements or services is inaccurate, if BellSouth cannot provision the network elements or services that were the subject of the inaccurate loop makeup information, Momentum may cancel its request for those network elements or services without incurring cancellation charges as described in this Section. In such instance, should Momentum elect to cancel the entire LSR, cancellation charges as described in this Section shall apply to those elements and services that were not the subject of inaccurate loop makeup.
- 2.4.3 Service Date Advancement Charges (Expedites). For Service Date Advancement requests by Momentum, Service Date Advancement charges will apply for intervals less than the standard interval as outlined in the BellSouth Product and Services Interval Guide. The charges as outlined in Exhibit A of Attachment 2 of this Agreement will apply. If the due date is not advanced as requested, this charge will not apply.
- 2.4.4 Order Modification Charges. If Momentum modifies an order after being sent a Firm Order Confirmation (FOC) from BellSouth, the Order Modification Charge (OMC) or Order Modification Charge Additional Dispatch (OMCAD) will be

paid by Momentum in accordance with Exhibit A of Attachment 2 of this Agreement.

- 2.5 Maintenance and Repair. BellSouth will make available to Momentum electronic interfaces for the purpose of reporting and monitoring service troubles. Specifications for access and use of BellSouth's maintenance and repair electronic interfaces are set forth at BellSouth's Interconnection Web site and are incorporated herein by reference. The process by which BellSouth and Momentum will manage these electronic interfaces to include the development and introduction of new interfaces will be governed by the change management process as described below. Requests for trouble repair are billed in accordance with the provisions of this Agreement. BellSouth and Momentum agree to adhere to BellSouth's Operational Understanding, as amended from time to time during this Agreement and as incorporated herein by reference. The Operational Understanding may be accessed via BellSouth's Interconnection Web site.
- 2.5.1 The CLEC is responsible for testing and isolating troubles on all Network Elements and providing the results of its tests to BellSouth when reporting a problem that is suspected to be on BellSouth's network. In the situation where BellSouth's test results conclusively indicate a problem in its network and a dispatch is subsequently made to resolve the problem, but no trouble is found in BellSouth's network, no charges will apply for any dispatching and testing required by BellSouth in order to confirm the Network Element's working status. Otherwise, if Momentum reports a trouble on a Network Element or Other Service and no trouble actually exists on the BellSouth portion, BellSouth will charge Momentum for any dispatching and testing (both inside and outside the Central Office (CO)) required by BellSouth in order to confirm the working status. If within thirty (30) days of the original trouble report a subsequent trouble report is received by BellSouth reporting the identical trouble conditions, and BellSouth determines the source of the original trouble to be within the BellSouth Network, Momentum may use the Billing Dispute Resolution process to recover the associated Maintenance of Services charges that were applied since the original report date for this circuit or line.. BellSouth will assess the applicable Maintenance of Service rates from BellSouth's FCC No. 1 Tariff, Section 13.3.1.
- 2.5.2 In the event BellSouth must dispatch to the End User's location more than once due to incorrect or incomplete information provided by Momentum, BellSouth will bill Momentum for each additional dispatch required to repair the circuit due to the incorrect/incomplete information provided. BellSouth will access the applicable Maintenance of Service charge from BellSouth's FCC No. 1 Tariff, Section 13.3.1 (E).

- 2.5.3 BellSouth agrees to advise Momentum of any central office failure or other major service interruption that are known at the time of an inquiry or trouble report in a manner equivalent to the process provided to BellSouth's retail services.
- 2.5.4 BellSouth's technicians shall not leave Momentum's End Users with any portion of its billing form indicating the amount Momentum will be billed for BellSouth's services.
- 2.6 Billing. BellSouth will provide Momentum nondiscriminatory access to billing information as specified in Attachment 7 to this Agreement.
- 2.7 Change Management. BellSouth and Momentum agree that the collaborative change management process known as the Change Control Process (CCP) will be used to manage changes to existing interfaces, introduction of new interfaces and retirement of interfaces. BellSouth and Momentum agree to comply with the provisions of the documented Change Control Process as may be amended from time to time and incorporated herein by reference. The change management process will cover changes to BellSouth's electronic interfaces, BellSouth's testing environment, associated manual process improvements, and relevant documentation. The process will define a procedure for resolution of change management disputes. Documentation of the CCP as well as related information and processes will be clearly organized and readily accessible to Momentum at BellSouth's Interconnection Web site.
- 2.8 Rates. Unless otherwise specified herein, charges for the use of BellSouth's Operations Support Systems (OSS), and other charges applicable to pre-ordering, ordering, provisioning and maintenance and repair, shall be at the rates set forth in the applicable Attachment of this Agreement.
- 2.9 The Commissions in some states have ordered per element manual additive nonrecurring charges (NRC) for Network Elements and Other Services ordered by means other than one of the interactive interfaces. These ordered Network Elements and Other Services manual additive NRCs will apply in these states, rather than the charge per LSR. The per element charges are listed in Exhibit A of Attachment 2.
- 3. MISCELLANEOUS**
- 3.1 Pending Orders. To the extent that Momentum submits an LSR with incomplete, incorrect or conflicting information, BellSouth will return the LSR to Momentum for clarification. Momentum shall respond to the request for clarification within thirty (30) days by submitting a supplemental LSR. If Momentum does not submit a supplement LSR within thirty (30) days, BellSouth will cancel the original LSR and Momentum shall be required to submit a new LSR, with a new PON.

- 3.2 Single Point of Contact. Momentum will be the single point of contact with BellSouth for ordering activity for network elements and other services used by Momentum to provide services to its End Users, except that BellSouth may accept a request directly from another CLEC, or BellSouth, acting with authorization of the affected End User. Momentum and BellSouth shall each execute a blanket letter of authorization with respect to customer requests so that prior proof of End User authorization will not be necessary with every request (except in the case of a local service freeze). The Parties shall each be entitled to adopt their own internal processes for verification of customer authorization for requests, provided, however, that such processes shall comply with applicable state and federal law and industry and regulatory guidelines. Pursuant to a request from another carrier, BellSouth may disconnect any network element being used by Momentum to provide service to that End User and may reuse such network elements or facilities to enable such other carrier to provide service to the End User. BellSouth will notify Momentum that such a request has been processed but will not be required to notify Momentum in advance of such processing.
- 3.2.1 Neither BellSouth nor Momentum shall prevent or delay an End User from migrating to another carrier because of unpaid bills, denied service, or contract terms.
- 3.2.2 BellSouth shall return a Firm Order Confirmation (FOC) or Local Service Request (LSR) clarification in accordance with the intervals specified in Attachment 9 of this Agreement.
- 3.2.2.1 Subject to the same exclusions that apply to BellSouth's delivery of FOCs, Momentum shall use commercially reasonable efforts to provide to BellSouth an FOC within twenty-four (24) hours of a complete and accurate LSR submission, exclusive of Saturdays, Sundays and holidays.
- 3.2.2.2 Subject to the same exclusions that apply to BellSouth's delivery of an LSR clarification, Momentum shall use commercially reasonable efforts to provide to BellSouth an LSR clarification within twenty-four (24) hours of an incomplete or inaccurate LSR submission, exclusive of Saturdays, Sundays and holidays.
- 3.2.3 Use of Facilities. When an End User of Momentum elects to discontinue service and to transfer service to another local exchange carrier, including BellSouth, BellSouth shall have the right to reuse the facilities provided to Momentum by BellSouth. In addition, where BellSouth provides local switching, BellSouth may disconnect and reuse facilities when the facility is in a denied state and BellSouth has received a request to establish new service or transfer service from an End User or from a CLEC. BellSouth will notify Momentum that such a request has been processed after the disconnect order has been completed. The processing flow of these orders will be done in a manner which does not intentionally cause unnecessary service disruption to Momentum's customer's service, unless

otherwise applicable according to the ordering activity types. In the event that numerous unintentional errors occur, Momentum may request to meet with BellSouth to resolve such errors.

- 3.3 Contact Numbers. The Parties agree to provide one another with toll-free nationwide (50 states) contact numbers for the purpose of ordering, provisioning and maintenance of services. Contact numbers for maintenance/repair of services shall be staffed 24 hours per day, 7 days per week. BellSouth will close trouble tickets after making a reasonable effort to contact Momentum for authorization to close a ticket. BellSouth will place trouble tickets in delayed maintenance status after making a reasonable effort to contact Momentum to request additional information or to request authorization for additional work deemed necessary by BellSouth.
- 3.4 Subscription Functions. In cases where BellSouth performs subscription functions for an interexchange carrier (IXC) (i.e. PIC and LPIC changes via Customer Account Record Exchange (CARE)), BellSouth will in all possible instances provide the affected IXCs with the Operating Company Number (OCN) of the local provider for the purpose of obtaining End User billing account and other End User information required under subscription requirements.
- 3.4.1 When Momentum's End User, served by resale or loop and port combinations, changes its PIC or LPIC, and per BellSouth's FCC or state tariff the interexchange carrier elects to charge the End User the PIC or LPIC change charge, BellSouth will bill the PIC or LPIC change charge to Momentum, which has the billing relationship with that End User, and Momentum may pass such charge to the End User.

Attachment 7

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Attachment 7

Billing

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BILLING

1. PAYMENT AND BILLING ARRANGEMENTS

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

1.1 BellSouth will bill through the Carrier Access Billing System (CABS), Integrated Billing System (IBS) and/or the Customer Records Information Systems (CRIS) depending on the particular service(s) provided to Momentum under this Agreement. BellSouth will format all bills in CABS Billing Output Specification (CBOS) Standard or CLUB/EDI format, depending on the type of service provided. For those services where standards have not yet been developed, BellSouth's billing format may change in accordance with applicable industry standards.

1.1.1 For any service(s) BellSouth receives from Momentum, Momentum shall bill BellSouth in CBOS format.

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

1.1.3 BellSouth will render bills each month on established bill days for each of Momentum's accounts. If either Party requests multiple billing media or additional copies of the bills, the billing Party will provide these at the rates set forth in BellSouth's FCC No. 1 Tariff, Section 13.3.6.3, except for resold services which shall be at the rates set forth in BellSouth's Non-Regulated Services Pricing List N6.

1.1.4 BellSouth will bill Momentum in advance for all services to be provided during the ensuing billing period except charges associated with service usage and nonrecurring charges, which will be billed in arrears.

1.1.4.1 For resold services, charges for services will be calculated on an individual End User account level, including, if applicable, any charge for usage or usage allowances. BellSouth will also bill Momentum, and Momentum will be responsible for and remit to BellSouth, all charges applicable to said services including but not limited to 911 and E911 charges, End Users common line charges, federal subscriber line charges, telecommunications relay charges, and franchise fees, unless otherwise ordered by a Commission.

1.1.5 BellSouth will not perform billing and collection services for Momentum as a result of the execution of this Agreement.

1.2 Establishing Accounts. After submitting a credit profile and deposit, if required, and after receiving certification as a local exchange carrier from the appropriate Commission, Momentum will provide the appropriate BellSouth advisory team/local contract manager the necessary documentation to enable BellSouth to

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

- 1.2.1 Company Identifiers. If Momentum needs to change, add to, eliminate or convert its OCN(s), ACNAs and other identifying codes (collectively “Company Identifiers”) under which it operates when Momentum has already been conducting business utilizing those Company Identifiers, Momentum shall pay all charges as a result of such change, addition, elimination or conversion to the new Company Identifiers. Such charges include, but are not limited to, all time required to make system updates to all of Momentum’s End User records and any other changes to BellSouth systems or Momentum records, and will be handled in a separately negotiated agreement or as otherwise required by BellSouth.
- 1.2.2 Tax Exemption. It is the responsibility of Momentum to provide BellSouth with a properly completed tax exemption certificate at intervals required by the appropriate taxing authorities. A tax exemption certificate must be supplied for each individual Momentum entity purchasing Services under this Agreement. Upon BellSouth’s receipt of a properly completed tax exemption certificate, subsequent billings to Momentum will not include those taxes or fees from which Momentum is exempt. Prior to receipt of a properly completed exemption certificate, BellSouth shall bill, and Momentum shall pay all applicable taxes and fees. In the event that Momentum believes that it is entitled to an exemption from and refund of taxes with respect to the amount billed prior to BellSouth’s receipt of a properly completed exemption certificate, BellSouth shall assign to Momentum its rights to claim a refund of such taxes. If applicable law prohibits the assignment of tax refund rights or requires the claim for refund of such taxes to be filed by BellSouth, BellSouth shall, after receiving a written request from Momentum and at Momentum’s sole expense, pursue such refund claim on behalf of Momentum, provided that Momentum promptly reimburses BellSouth for any costs and expenses incurred by BellSouth in pursuing such refund claim, and provided further that BellSouth shall have the right to deduct any such outstanding costs and expenses from the amount of any refund obtained prior to remitting such refund to Momentum. Momentum shall be solely responsible for the computation, tracking, reporting and payment of all taxes and fees associated with the services provided by Momentum to its End Users.

- 1.3 Deposit Policy. Prior to the inauguration of service or, thereafter, upon BellSouth's request, Momentum shall complete the BellSouth Credit Profile (BellSouth form) and provide information to BellSouth regarding Momentum's credit and financial condition. Based on BellSouth's analysis of the BellSouth Credit Profile and other relevant information regarding Momentum's credit and financial condition, BellSouth reserves the right to require Momentum to provide BellSouth with a suitable form of security deposit for Momentum's account(s). If, in BellSouth's sole discretion, circumstances so warrant and/or Momentum's gross monthly billing has increased, BellSouth reserves the right to request additional security (or to require a security deposit if none was previously requested) and/or file a Uniform Commercial Code (UCC-1) security interest in Momentum's "accounts receivables and proceeds".
- 1.3.1 Security deposit shall take the form of cash, an Irrevocable Letter of Credit (BellSouth form), Surety Bond (BellSouth form) or, in BellSouth's sole discretion, some other form of security proposed by Momentum. Any such security deposit shall in no way release Momentum from its obligation to make complete and timely payments of its bill(s). If BellSouth requires Momentum to provide a security deposit, Momentum shall provide such security deposit prior to the inauguration of service or within fifteen (15) days of BellSouth's request, as applicable. Deposit request notices will be sent to Momentum via certified mail or overnight delivery. Such notice period will start the day after the deposit request notice is rendered by certified mail or overnight delivery. Interest on a cash security deposit shall accrue and be applied or refunded in accordance with the terms in BellSouth's General Subscriber Services Tariff (GSST).
- 1.3.2 Security deposits collected under this Section 1.3 shall not exceed two (2) months' estimated billing. Estimated billings are calculated based upon the monthly average of the previous six (6) months current billings, if Momentum has received service from BellSouth during such period at a level comparable to that anticipated to occur over the next six (6) months. If either Momentum or BellSouth has reason to believe that the level of service to be received during the next six (6) months will be materially higher or lower than received in the previous six (6) months, Momentum and BellSouth shall agree on a level of estimated billings based on all relevant information.
- 1.3.3 In the event Momentum fails to provide BellSouth with a suitable form of security deposit or additional security deposit as required herein, defaults on its account(s), or otherwise fails to make any payment or payments required under this Agreement in the manner and within the time required, service to Momentum may be Suspended, Discontinued or Terminated in accordance with the terms of Section 1.5 below. Upon Termination of services, BellSouth shall apply any security deposit to Momentum's final bill for its account(s).
- 1.3.3.1 At least seven (7) days prior to the expiration of any letter of credit provided by Momentum as security under this Agreement, Momentum shall renew such letter

of credit or provide BellSouth with evidence that Momentum has obtained a suitable replacement for the letter of credit. If Momentum fails to comply with the foregoing, BellSouth shall thereafter be authorized to draw down the full amount of such letter of credit and utilize the cash proceeds as security for Momentum accounts(s). If Momentum provides a security deposit or additional security deposit in the form of a surety bond as required herein, Momentum shall renew the surety bond or provide BellSouth with evidence that Momentum has obtained a suitable replacement for the surety bond at least seven (7) days prior to the cancellation date of the surety bond. If Momentum fails to comply with the foregoing, BellSouth shall thereafter be authorized to take action on the surety bond and utilize the cash proceeds as security for Momentum's account(s). If the credit rating of any bonding company that has provided Momentum with a surety bond provided as security hereunder has fallen below B, BellSouth will provide written notice to Momentum that Momentum must provide a replacement bond or other suitable security within fifteen (15) days of BellSouth's written notice. If Momentum fails to comply with the foregoing, BellSouth shall thereafter be authorized to take action on the surety bond and utilize the cash proceeds as security for Momentum's account(s). Notwithstanding anything contained in this Agreement to the contrary, BellSouth shall be authorized to draw down the full amount of any letter of credit or take action on any surety bond provided by Momentum as security hereunder if Momentum defaults on its account(s) or otherwise fails to make any payment or payments required under this Agreement in the manner and within the time, as required herein.

- 1.4 Payment Responsibility. Payment of all charges will be the responsibility of Momentum. Momentum shall pay invoices by check, utilizing wire transfer services or automatic clearing house services. Momentum shall make payment to BellSouth for all services billed excluding disputed amounts submitted to BellSouth that are awaiting resolution. BellSouth will not become involved in billing disputes that may arise between Momentum and Momentum's End User.
- 1.4.1 Payment Due. Payment for services provided by BellSouth, is due on or before the next bill date. Information required to apply payments must accompany the payment. The information must notify BellSouth of Billing Account Numbers (BAN) paid; invoices paid and the amount to be applied to each BAN and invoice (Remittance Information). Payment is considered to have been made when the payment and Remittance Information are received by BellSouth. If the Remittance Information is not received with payment, BellSouth will be unable to apply amounts paid to Momentum's accounts. In such event, BellSouth shall notify Momentum the Remittance Information has not been received. If BellSouth does not receive the Remittance Information by the payment due date for any account(s), late payment charges shall apply.
- 1.4.1.1 Due Dates. If the payment due date falls on a Sunday or on a holiday that is observed on a Monday, the payment due date shall be the first non-holiday day following such Sunday or holiday. If the payment due date falls on a Saturday or

on a holiday which is observed on Tuesday, Wednesday, Thursday, or Friday, the payment due date shall be the last non-holiday day preceding such Saturday or holiday. If payment is not received by the payment due date, a late payment charge, as set forth in Section 0, below, shall apply.

- 1.4.1.2 Late Payment. If the undisputed portion of the payment is not received by BellSouth on or before the payment due date as set forth preceding, or if any portion of the payment is received by BellSouth in funds that are not immediately available to BellSouth, then a late payment and/or interest charge shall be due to BellSouth. The late payment and/or interest charge shall apply to the portion of the payment not received, and shall be assessed as set forth in Section A2 of the General Subscriber Services Tariff, Section B2 of the Private Line Service Tariff or Section E2 of the Intrastate Access Tariff, or pursuant to the applicable state law as determined by BellSouth. In addition to any applicable late payment and/or interest charges, Momentum may be charged a fee for all returned checks at the rate set forth in Section A2 of the General Subscriber Services Tariff or pursuant to the applicable state law.
- 1.5 Discontinuing Service to Momentum. The procedures for discontinuing service to Momentum are as follows:
 - 1.5.1 In order of severity, Suspend/Suspension, Discontinue/Discontinuance and Terminate/Termination are defined as follows for the purposes of this Attachment:
 - 1.5.1.1 Suspend/Suspension is the temporary restriction of the billed Party's access to the ordering systems and/or access to the billed Party's ability to initiate PIC-related changes. In addition, during Suspension, pending orders may not be completed and orders for new service or changes to existing services may not be accepted.
 - 1.5.1.2 Discontinue/Discontinuance is the denial of service by the billing Party to the billed Party that will result in the disruption and discontinuation of service to the billed Party's End Users or customers. Additionally, at the time of Discontinuance, BellSouth will remove any Local Service Freezes in place on the billed Party's End Users.
 - 1.5.1.3 Terminate/Termination is the disconnection of service by the billing Party to the billed Party.
 - 1.5.2 BellSouth reserves the right to Suspend, Discontinue or Terminate service in the event of prohibited, unlawful or improper use of BellSouth facilities or service, abuse of BellSouth facilities, or any other violation or noncompliance by Momentum of the rules and regulations of BellSouth's tariffs.
 - 1.5.3 Suspension. If payment of amounts due as described herein is not received by the bill date in the month after the original bill date, or fifteen (15) days from the date of a deposit request in the case of security deposits, BellSouth will provide

written notice to Momentum that services will be Suspended if payment of such amounts, and all other amounts that become past due before Suspension, is not received by wire transfer, automatic clearing house or cashier's check in the manner set forth in Section 0 above, or in the case of a security deposit request, in the manner set forth in Section 1.3.1: (1) within seven (7) days following such notice for CABS billed services; (2) within fifteen (15) days following such notice for CRIS and IBS billed services; and (3) within seven (7) days following such notice for security deposit requests.

- 1.5.3.1 The Suspension notice shall also provide that all past due charges for CRIS and IBS billed services, and all other amounts that become past due for such services before Discontinuance, must be paid within thirty (30) days from the date of the Suspension notice to avoid Discontinuance of CRIS and IBS billed services.
- 1.5.3.2 For CABS billed services, BellSouth will provide a Discontinuance notice that is separate from the Suspension notice, that all past due charges for CABS billed Services, and all other amounts that become past due for such services before Discontinuance, must be paid within thirty (30) days from the date of the Suspension notice to avoid Discontinuance of CABS billed services. This Discontinuance notice may be provided at the same time that BellSouth provides the Suspension notice.
- 1.5.4 Discontinuance. If payment of amounts due as described herein is not received by the bill date in the month after the original bill date, BellSouth will provide written notice that BellSouth may Discontinue the provision of existing services to Momentum if payment of such amounts, and all other amounts that become past due before Discontinuance, including requested security deposits, is not received by wire transfer, automatic clearing house or cashier's check in the manner set forth in Section 0 above or in the case of a deposit in accordance with Section 1.3.1, within thirty (30) days following such written notice; provided, however, that BellSouth may provide written notice that such existing services may be Discontinued within fifteen (15) days following such notice, subject to the criteria described in Section 1.5.5.
- 1.5.5 BellSouth may take the action to Discontinue the provision of existing service upon fifteen (15) days from the day after BellSouth provides written notice of such Discontinuance if (a) such notice is sent by certified mail or overnight delivery; (b) Momentum has not paid all amounts due pursuant to a subject bill(s), or has not provided adequate security pursuant to a deposit request; and (c) either:
 - (1) BellSouth has sent the subject bill(s) to Momentum within (7) business days of the bill date(s), verifiable by records maintained by BellSouth:
 - i. in paper or CDROM form via the United States Postal Service (USPS),
or
 - ii. in magnetic tape form via overnight delivery, or

iii. via electronic transmission; or

(2) BellSouth has sent the subject bill(s) to Momentum, using one of the media described in (1) above, more than thirty (30) days before notice to Discontinue service has been rendered.

1.5.6 In the case of Discontinuance of services, all billed charges, as well as applicable disconnect charges, shall become due.

1.5.7 Momentum is solely responsible for notifying the End User of the Discontinuance of service. If, within seven (7) days after Momentum's services have been Discontinued, Momentum pays, by wire transfer, automatic clearing house or cashier's check, all past due charges, including late payment charges, outstanding security deposit request amounts if applicable and any applicable restoral charges as set forth in Section A4 of the GSST, then BellSouth will reestablish service for Momentum.

1.5.7.1 Termination. If within seven (7) days after Momentum's service has been Discontinued and Momentum has failed to pay all past due charges as described above, then Momentum's service will be Terminated.

1.6 Notices. Notwithstanding anything to the contrary in this Agreement, notices regarding billing matters, disconnection of services for nonpayment of charges, and rejection of additional orders from Momentum, shall be forwarded to the individual(s) listed in the Notices provision of the General Terms and Conditions of this Agreement. The notice of discontinuance of services purchased by Momentum under this Agreement provided for in Section 1.5.4 of this Attachment shall be sent via certified mail to the individual(s) listed in the Notices provision of the General Terms and Conditions of this Agreement.

2. **BILLING DISPUTES**

2.1 The Parties shall electronically submit all billing disputes to each other utilizing email or other electronic method upon agreement. The Parties will utilize BellSouth's RF-1461 form or another format mutually agreed upon. In the event of a billing dispute, the Parties will endeavor to resolve the dispute within sixty (60) days of the notification date. Within five (5) business days of BellSouth's denial, or partial denial, of the billing dispute, if Momentum is not satisfied with BellSouth's resolution of the billing dispute or if no response to the billing dispute has been received by Momentum by such sixtieth (60th) day, Momentum will pursue the escalation process as outlined in Section 2.1.1 below.

2.1.1 If no dispute resolution has been received within sixty (60) days of the dispute notification date, Momentum will contact BellSouth's designated first level of escalation. That first level of escalation will commit to resolve the dispute within an interval that is mutually agreed upon.

- 2.1.1.1 If Momentum receives a dispute resolution, but is not satisfied with BellSouth's dispute resolution, Momentum will initially contact BellSouth's representative who prepared the dispute response. After review of the dispute with that representative, if Momentum elects to pursue the dispute, they must utilize the Billing Dispute Escalation Matrix, set forth on BellSouth's Interconnection Services Web site. Momentum will escalate disputes within five (5) days of denial or partial denial by BellSouth.
- 2.1.1.1.1 At each level of escalation, BellSouth's designated escalation contact will commit to respond to Momentum's escalation within an interval that is mutually agreeable. If that commitment is not met, or if the response from that level of escalation does not satisfy Momentum, if Momentum elects to pursue the dispute, they must immediately escalate to BellSouth's next highest level of escalation. If Momentum does not elect to pursue the dispute by utilizing the escalation process, BellSouth's resolution will be considered as accepted by Momentum and the dispute will be closed.
- 2.1.1.2 If after escalation, the Parties are unable to reach resolution, then the aggrieved Party, if it elects to pursue the dispute shall pursue dispute resolution in accordance with the General Terms and Conditions of this Agreement.
- 2.2 For purposes of this Section 2, a billing dispute means a reported dispute submitted pursuant to Section 2.1 of a specific amount of money actually billed by BellSouth. The billing dispute must be clearly explained by Momentum and supported by written documentation, which clearly shows the basis for disputing charges. The determination as to whether the billing dispute is clearly explained or clearly shows the basis for disputing charges shall be within BellSouth's sole reasonable discretion. Disputes that are not clearly explained or those that do not provide complete information may be rejected by BellSouth. Claims by Momentum for damages of any kind will not be considered a billing dispute for purposes of this Section. If BellSouth resolves the billing dispute, in whole or in part, in favor of Momentum, any credits and applicable late payment charges to Momentum as a result thereof shall be applied to Momentum's account by BellSouth upon resolution of the billing dispute. If the billing dispute is resolved in favor of BellSouth, Momentum will pay any charges that were withheld, including applicable late payment charges immediately upon resolution.
- 2.3 The Parties will mutually agree upon a process to periodically reconcile outstanding billing disputes.
- 2.4 [Parties Disagree]

[Momentum Version] The Parties can backbill for services rendered under this Agreement up to ninety (90) days after the invoice for those services has been rendered, with thirty (30) days advance notice that the backbilling will occur.

[BellSouth Version, proposed in Section 27.1 of the GT&Cs] Momentum shall pay the charges set forth in this Agreement. In the event that BellSouth is unable to bill the applicable rate or not rate is established or included in this Agreement **such charges incurred under this Agreement, including back billing and billing disputes, are subject to a one (1) year limitations period. However, both Parties recognize that situations exist which may necessitate billing beyond one (1) year and to the extent not bound by the applicable limitations period. These exceptions are:**

- Charges connected with jointly provided services whereby meet point billing guidelines require either Party to rely on records provided by a third party and such records have not been provided in a timely manner.
- Charges incorrectly billed due to erroneous information supplied by the non-billing Party.
- Rates requiring true-up pursuant to Commission, FCC, or court order.

3. REVENUE ACCOUNTING OFFICE (RAO) HOSTING

- 3.1 Centralized Message Distribution System (CMDS) is a national message exchange system administered by Telcordia Technologies (“Telcordia”) used to transmit alternately billed calls (e.g., credit card, third number and collect) from the Earning Company, as defined herein, to the Billing Company, as defined herein, to permit the Earning Company and the Billing Company to receive appropriate compensation. It is also used to transmit access records from one company to another.
- 3.2 Direct Participants are Telecommunications carriers that exchange data directly with other Direct Participants via the CMDS Data Center and may act as host companies (“Host”) for those Telecommunications carriers that do not exchange data directly via the CMDS Data Center (“Indirect Participants”).
- 3.3 Revenue Accounting Office (RAO) Hosting is a hosting relationship where an Indirect Participant sends and receives CMDS eligible messages to and from its Host, who then interfaces, on behalf of the Indirect Participant, with other Direct Participants for distribution and collection of these messages. RAO Hosting also includes the Direct Participant’s provision of revenue settlements functions (compensation) for alternately billed calls based upon reports generated by Credit Card and Third Number Settlement (CATS) and Non-InterCompany Settlement (NICS) as described herein. CATS and NICS are collectively referred to as Intercompany Settlements.
- 3.4 The CATS System is a national system administered by Telcordia, used to settle revenues for calls that are sent from one CMDS Direct Participant to another for

billing. CATS applies to calls that originate within one Regional Bell Operating Company's (RBOC) territory, as defined at Divestiture, and bill in another RBOC's territory. CATS calculates the amounts due to Earning Companies (i.e. billed revenue less the billing and collection fee). For alternately billed calls, the originating company, whose facilities are used to place the call, is the Earning Company and the company that puts the charges on the End User's bill is the Billing Company

- 3.5 The Non-InterCompany Settlement (NICS) System is the national system administered by Telcordia that is used in the settlement of revenues for calls that are originated and billed by two different local exchange carriers (LEC) within a single Direct Participant's territory to another for billing. NICS applies to calls involving another LEC where the Earning Company and the Billing Company are located within BellSouth's territory.
- 3.6 RAO Hosting, CATS and NICS services provided to Momentum by BellSouth will be in accordance with the methods and practices regularly applied by BellSouth to its own operations during the term of this Agreement, including such revisions as may be made from time to time by BellSouth.
- 3.7 Momentum shall furnish all relevant information required by BellSouth for the provision of RAO Hosting, CATS and NICS.
- 3.8 Charges or credits, as applicable, will be applied by BellSouth to Momentum on a monthly basis in arrears. Amounts due (excluding adjustments) are due on or before the next bill date.
- 3.9 Momentum must have its own unique hosted RAO code. Where BellSouth is the selected CMDS interfacing host, Momentum must request that BellSouth establish a unique hosted RAO code for Momentum. Such request shall be in writing to the BellSouth RAO Hosting coordinator and must be submitted at least eight (8) weeks prior to provision of services pursuant to this Section. Services shall commence on a date mutually agreed by the Parties.
- 3.10 BellSouth will receive messages from Momentum that are to be processed by BellSouth, another Local Exchange Carrier (LEC) in the BellSouth region or a LEC outside the BellSouth region. Momentum shall send all messages to BellSouth no later than sixty (60) days after the message date.
- 3.11 BellSouth will perform invoice sequence checking, standard Exchange Message Interface (EMI) format editing, and balancing of message data with the EMI trailer record counts on all data received from Momentum.
- 3.12 All data received from Momentum that is to be processed or billed by another LEC within the BellSouth region will be distributed to that LEC in accordance with the Agreement(s) in effect between BellSouth and the involved LEC.

- 3.13 All data received from Momentum that is to be placed on the CMDS network for distribution outside the BellSouth region will be handled in accordance with the agreement(s) in effect between BellSouth and its connecting contractor.
- 3.14 BellSouth will receive messages from the CMDS network that are destined to be processed by Momentum and will forward them to Momentum on a daily basis for processing.
- 3.15 Transmission of message data between BellSouth and Momentum will be via CONNECT: Direct. The CMDS files 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.
- 3.15.1 All messages and related data exchanged between BellSouth and Momentum will be EMI formatted records and packed between appropriate EMI header and trailer records in accordance with accepted industry standards.
- 3.16 Momentum will maintain recorded message detail necessary to recreate files provided to BellSouth for a period of three (3) calendar months beyond the related message dates.
- 3.17 Should it become necessary for Momentum to send data to BellSouth more than sixty (60) days past the message date(s), Momentum will notify BellSouth in advance of the transmission of the data. BellSouth will work with its connecting contractor and/or Momentum, where necessary, to notify all affected LECs.
- 3.18 In the event that data to be exchanged between the two Parties should become lost or destroyed, the Party responsible for creating the data will make every effort to restore and retransmit such data.
- 3.19 Should an error be detected by the EMI format edits performed by BellSouth on data received from Momentum, the entire pack containing the affected data will not be processed by BellSouth. BellSouth will notify Momentum of the error. Momentum 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, Momentum will resend these packs to BellSouth after the pack containing the error has been successfully reprocessed by BellSouth.
- 3.20 In association with message distribution service, BellSouth will provide Momentum with associated intercompany settlements reports (CATS and NICS) as appropriate.
- 3.21 Notwithstanding anything in this Agreement to the contrary, in no case shall either Party be liable to the other for any direct or consequential damages incurred as a result of the obligations set out in this Section 3.
- 3.22 Intercompany Settlements Messages

- 3.22.1 Intercompany Settlements Messages facilitate the settlement of revenues associated with traffic originated from or billed by Momentum as a facilities based provider of local exchange telecommunications services.
- 3.22.2 BellSouth will receive the monthly NICS and CATS reports from Telcordia on behalf of Momentum and will distribute copies of these reports to Momentum on a monthly basis.
- 3.22.3 Through CATS, BellSouth will collect the revenue earned by Momentum from the RBOC in whose territory the messages are billed, less a per message billing and collection fee of five cents (\$0.05), or such other amount as may be approved by the Direct Participants and Telcordia, on behalf of Momentum. BellSouth will remit the revenue billed by Momentum to the RBOC in whose territory the messages originated, less a per message billing and collection fee of five cents (\$0.05), or such other amount as may be approved by the Direct Participants and Telcordia, on behalf of Momentum. These two amounts will be netted together by BellSouth and the resulting charge or credit issued to Momentum via a Carrier Access Billing System (CABS) miscellaneous bill on a monthly basis in arrears.
- 3.22.4 Through NICS, BellSouth will collect the revenue earned by Momentum within the BellSouth territory from another LEC 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 Momentum. BellSouth will remit the revenue billed by Momentum within the BellSouth region to the LEC 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 Momentum via a CABS miscellaneous bill on a monthly basis in arrears.
- 3.22.5 BellSouth and Momentum agree that monthly netted amounts of less than fifty dollars (\$50.00) will not be settled.
- 3.23 Rates. Rates for CMDS are as set forth in Exhibit A. If no rate is identified in this Attachment, the rate for the specific service or function will be as set forth in the applicable BellSouth tariff or as negotiated by the Parties upon request by either Party.

DUF & CMDS - Tennessee														Attachment: 7 Exh A			
CATEGORY	RATE ELEMENTS	Interim	Zone	BCS	USOC	RATES(\$)	Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l					
						Rec	Nonrecurring First	Add'l	Nonrecurring Disconnect First	Add'l	SOMEK	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN
CMDS																	
	CENTRALIZED MESSAGE DISTRIBUTION SERVICE (CMDS)																
	CMDS: Message Processing, per message					0.004											
	CMDS: Data Transmission (CONNECT:DIRECT), per message					0.001											

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 separate license agreement negotiated with BellSouth.

Attachment 9

Performance Measurements

PERFORMANCE MEASUREMENTS

Upon a particular Commission's issuance of an Order pertaining to Performance Measurements in a proceeding expressly applicable to all CLECs generally, BellSouth shall implement in that state such Performance Measurements as of the date specified by the Commission. Performance Measurements that have been Ordered in a particular state can currently be accessed via the internet at <http://pmap.bellsouth.com>.

The following Service Quality Measurements (SQM) plan as it presently exists and as it may be modified in the future, is being included as the performance measurements currently in place for the state of Tennessee. At such time that the TRA issues a subsequent Order pertaining to Performance Measurements, such Performance Measurements shall supersede the SQM contained in the Agreement.

Attachment 10

BellSouth Disaster Recovery Plan

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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 CLEC, general procedures have been developed by BellSouth to hasten the recovery process in accordance with the Telecommunications Service Priority (TSP) Program established by the FCC to identify and prioritize telecommunication services that support national security or emergency preparedness (NS/EP) missions. A description of the TSP Program as it may be amended from time to time is available at the following BellSouth Interconnection Services Web site: <http://interconnection.bellsouth.com/products/vertical/tsp.html>. 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 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 ECC. Traffic controls will continue to be applied by the NMC until facilities are re-established. As equipment is made available for service, the ECC will instruct the NMC to begin removing the controls and allow traffic to resume.

3.1 SITE CONTROL

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

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

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

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

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

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

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

3.2 ENVIRONMENTAL CONCERNS

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

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

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

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

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

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

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

4.0 THE ECC

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

In the past, the ECC has been involved with restoration activities resulting from hurricanes, ice storms and floods. They have demonstrated their capabilities during these calamities as well as

during outages caused by human error or equipment failures. This group has an excellent record of restoring service as quickly as possible.

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

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

5.0 RECOVERY PROCEDURES

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

5.1 CLEC OUTAGE

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

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

5.2 BELL SOUTH OUTAGE

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

A disaster involving any of BellSouth's equipment locations could impact the CLECs, some more than others. A disaster at a Central Office (CO) would only impact the delivery of traffic to and from that one location, but the incident could affect many Carriers. If the CO 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 CO

When BellSouth loses a CO, the ECC will

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

5.2.2 Loss of a CO with SWC Functions

The loss of a CO that also serves as a SWC will be restored as described in Section 5.2.1.

5.2.3 Loss of a CO with Tandem Functions

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

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

found on the direct trunk groups. (This aggregation point may be the alternate access tandem location or another CO on a primary facility route.)

5.2.4 Loss of a Facility Hub

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

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

5.3 COMBINED OUTAGE (CLEC AND BELL SOUTH EQUIPMENT)

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

6.0 T1 IDENTIFICATION PROCEDURES

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

7.0 ACRONYMS

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

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/index.html>. Information concerning Mechanized Disaster Reports can also be found at this Web site by clicking on CURRENT MDR REPORTS or by going directly to <http://www.interconnection.bellsouth.com/network/disaster/mdrdocs.html>.

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 11

Bona Fide Request and New Business Request Process

BONA FIDE REQUEST AND NEW BUSINESS REQUEST PROCESS**1. BONA FIDE REQUEST**

- 1.1 The Parties agree that Momentum is entitled to order any Network Element, interconnection option or service option required to be made available by FCC or Commission requirements pursuant to the Act. A Bona Fide Request (BFR) is to be used when Momentum 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 provided for in this Agreement.
- 1.2 A BFR shall be submitted in writing by Momentum and shall specifically identify the requested service date, technical requirements, space requirements and/or such other specifications that clearly define the request such that BellSouth has sufficient information to analyze and prepare a response. Such a request shall also include Momentum's designation of the request as being pursuant to the Telecommunications Act of 1996 (i.e. a BFR). The request shall be sent to Momentum's designated BellSouth Sales contact or Local Contract Manager (LCM).
- 1.3 Within two (2) business days of receipt of a BFR, BellSouth shall acknowledge in writing its receipt and identify a single point of contact responsible for responding to the BFR and shall request any additional information needed to process the request to the extent known at that time. Notwithstanding the foregoing, BellSouth may reasonably request additional information from Momentum at any time during the processing of the BFR.
- 1.4 Within thirty (30) business days of BellSouth's receipt of the BFR, if the preliminary analysis of the requested BFR is not of such complexity that it will cause BellSouth to expend extraordinary resources to evaluate the BFR, BellSouth shall respond to Momentum by providing a preliminary analysis of the new or modified Network Element or interconnection option not ordered by the FCC or Commission that is the subject of the BFR. The preliminary analysis shall either confirm that BellSouth will offer access to the new or modified Network Element, interconnection option or service option or confirm that BellSouth will not offer the new or modified Network Element, interconnection option or service option.
- 1.5 For any new or modified Network Element, interconnection option or service option not ordered by the FCC or Commission, if the preliminary analysis states that BellSouth will offer the new or modified Network Element, interconnection option or service option, the preliminary analysis will include an estimate of the costs of utilizing existing resources, both

personnel and systems, in the development including, but not limited to, request parameters analysis, determination of impacted BellSouth departments, determination of required resources, project management resources, etc. (Development Rate) including a general breakdown of such costs associated with the Network Element, interconnection option or service option and the date the request can be met. If the preliminary analysis states that BellSouth will not offer the new or modified Network Element, interconnection option or service option, BellSouth will provide an explanation of why the request is not technically feasible, does not qualify as a BFR for the new or modified Network Element, interconnection option or service option, should actually be submitted as a NBR or is otherwise not required to be provided under the Act. If BellSouth cannot provide the Network Element, interconnection option or service option by the requested date, BellSouth shall provide an alternative proposed date together with a detailed explanation as to why BellSouth is not able to meet Momentum's requested date.

- 1.6 For any new or modified Network Element, interconnection option or service option not ordered by the FCC or Commission, if BellSouth determines that the preliminary analysis of the requested BFR is of such complexity that it will cause BellSouth to expend extraordinary resources to evaluate the BFR, BellSouth shall notify Momentum within ten (10) business days of BellSouth's receipt of BFR that a fee will be required prior to the preliminary evaluation of the BFR. Such fee shall be limited to BellSouth's extraordinary expenses directly related to the complex request that require the allocation and engagement of additional resources above the existing allocated resources used on BFR cost development which include, but are not limited to, expenditure of funds to develop feasibility studies, specific resources that are required to determine request requirements (such as operation support system analysts, technical managers, software developers), software impact analysis by specific software developers; software architecture development, hardware impact analysis by specific system analysts, etc. and the request for such fee shall be accompanied with a general breakdown of such costs. If Momentum accepts the complex request evaluation fee proposed by BellSouth, Momentum shall submit such fee within thirty (30) business days of BellSouth's notice that a complex request evaluation fee is required. Within thirty (30) business days of BellSouth's receipt of the complex request evaluation fee, BellSouth shall respond to Momentum by providing a preliminary analysis, consistent with Section 1.4 of this Attachment 11.
- 1.7 Momentum may cancel a BFR at any time up until thirty (30) business days after receiving BellSouth's preliminary analysis. If Momentum cancels the BFR within thirty (30) business days after receipt of

BellSouth's preliminary analysis, BellSouth shall be entitled to keep any complex request evaluation fee submitted in accordance with Section 1.6 above, minus those costs included in the fee that have not been incurred as of the date of cancellation.

- 1.8 Momentum will have thirty (30) business days from receipt of preliminary analysis to accept the preliminary analysis or cancel the BFR. If Momentum fails to respond within this thirty (30) business day period, the BFR will be deemed cancelled. Acceptance of the preliminary analysis must be in writing and accompanied by the estimated Development Rate for the new or modified Network Element, interconnection option or service option quoted in the preliminary analysis.
- 1.9 Notwithstanding any other provision of this Agreement, BellSouth shall propose a firm price quote, including the firm Development Rate, the firm nonrecurring rate and the firm recurring rate, and a detailed implementation plan within ten (10) business days of receipt of Momentum's accurate BFR application for a Network Element, interconnection option or service option that is operational at the time of the request; thirty (30) business days of receipt of Momentum's accurate BFR application for a new or modified Network Element, interconnection option or service option ordered by the FCC or Commission; and within sixty (60) business days of receipt of Momentum's accurate BFR application for a new or modified Network Element, interconnection option or service option not ordered by the FCC or Commission or not operational at the time of the request. The firm nonrecurring rate will not include any of the Development Rate or the complex request evaluation fee, if required, in the calculation of this rate. Such firm price quote shall not exceed the estimate provided with the preliminary analysis by more than ten percent (10%).
- 1.10 Momentum shall have thirty (30) business days from receipt of firm price quote to accept or deny the firm price quote and submit any additional Development or nonrecurring rates quoted in the firm price quote. If the firm price quote is less than the preliminary analysis' estimate of the Development Rate, BellSouth will credit Momentum's account for the difference if a fee has been paid per section 1.6.
- 1.11 Unless Momentum agrees otherwise, all prices shall be consistent with the applicable pricing principles and provisions of the Act.
- 1.12 If Momentum believes that BellSouth's firm price quote is not consistent with the requirements of the Act, either Party may seek dispute resolution

in accordance with the dispute resolution provisions set forth in the General Terms and Conditions of this Agreement.

- 1.13 Upon agreement to the rates, terms and conditions of a BFR, the Parties shall negotiate in good faith an amendment to this Agreement.

2 New Business Request

- 2.1 Momentum also shall be permitted to request the development of new or modified facilities or service options which may not be required by the Act. Procedures applicable to requesting the addition of such elements, services and options are specified in this Attachment 11. A New Business Request (NBR) is to be used by Momentum to make a request of BellSouth for a new or modified feature or capability of an existing product or service, a new product or service that is not deployed within the BellSouth network or operations and business support systems, or a new or modified service option that was not previously included in this Agreement (Requested NBR Services) and is not required by the Act.

- 2.2 An NBR shall be submitted in writing by Momentum and shall specifically identify the requested service date, technical requirements, space requirements and/or such specifications that clearly define the request such that BellSouth has sufficient information to analyze and prepare a response. The request shall be sent to Momentum's designated BellSouth Sales contact or LCM.

- 2.3 Within two (2) business days of receipt of an NBR, BellSouth shall acknowledge in writing its receipt and identify a single point of contact responsible for responding to the NBR and shall request any additional information needed to process the request to the extent known at that time. Notwithstanding the foregoing, BellSouth may reasonably request additional information from Momentum at any time during the processing of the NBR.

- 2.4 If the preliminary analysis of the request NBR is not of such complexity that it will cause BellSouth to expend extraordinary resources to evaluate the NBR, within thirty (30) business days of its receipt of the NBR, BellSouth shall respond to Momentum by providing a preliminary analysis of such Requested NBR Services that are the subject of the NBR. The preliminary analysis shall either confirm that BellSouth will offer access to the Requested NBR Services or confirm that BellSouth will not offer the Requested NBR Services.

- 2.5 If the preliminary analysis states that BellSouth will offer the Requested NBR Services, the preliminary analysis will include an estimate of the

Development Rate including a general breakdown of costs and the date the request can be met. If BellSouth cannot provide the Requested NBR Service by the requested date, it shall provide an alternative proposed date together with a detailed explanation as to why BellSouth is not able to meet Momentum's requested date.

- 2.6 If BellSouth determines that the preliminary analysis of the requested NBR is of such complexity that it will cause BellSouth to expend extraordinary resources to evaluate the NBR, BellSouth shall notify Momentum within ten (10) business days of BellSouth's notice that a complex request evaluation fee is required prior to the evaluation of the NBR. Such fee shall be limited to BellSouth's extraordinary expenses directly related to the complex request. If Momentum accepts the complex request evaluation fee amount proposed by BellSouth, Momentum shall submit such complex request evaluation fee within thirty (30) business days of BellSouth's notice that a complex request evaluation fee is required.
- 2.7 Within thirty (30) business days of BellSouth's receipt of the complex request evaluation fee, BellSouth shall respond to Momentum by providing a preliminary analysis of such Requested NBR Services.
- 2.8 Momentum may cancel an NBR at any time. If Momentum cancels the request more than ten (10) business days after submitting it, Momentum shall pay BellSouth's reasonable and demonstrable costs of processing and/or implementing the NBR up to the date of cancellation in addition to any fee submitted in accordance with Section 1.6 above.
- 2.9 Momentum will have thirty (30) business days from receipt of the preliminary analysis to accept the preliminary analysis or cancel the NBR. If Momentum fails to respond within this thirty (30) business day period, the NBR will be deemed cancelled.
- 2.10 Acceptance of the preliminary analysis must be in writing and accompanied by the estimated Development Rate for the Requested NBR Services quoted in the preliminary analysis.
- 2.11 BellSouth shall propose a firm price quote including the firm Development Rate, the firm nonrecurring rate, and the firm recurring rate, and a detailed implementation plan within ten (10) business days of receipt of Momentum's accurate NBR application for a Requested NBR Service that is operational at the time of the request and within sixty (60) business days of receipt of Momentum's accurate NBR application for the Requested NBR Services not operational at the time of the request. The firm nonrecurring rate will not include any of the Development Rate or the

complex request evaluation fee, if required, in the calculation of this rate. Such firm price quote shall not exceed the estimate provided with the preliminary analysis by more than ten percent (10%).

- 2.12 Momentum shall have thirty (30) business days from receipt of the firm price quote to accept or deny the firm price quote and submit any additional nonrecurring, non-refundable fees quoted in the firm price quote. If the firm price quote is less than the preliminary analysis' estimate of the Development Rate, BellSouth will credit Momentum's account for the difference.
- 2.13 Upon agreement to the rates, terms and conditions of a NBR, an amendment to this Agreement, or a separate agreement, may be required and the Parties shall negotiate such agreement or amendment in good faith.