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Marshall M. Criser III  
Regulatory Vice President

RECORDS AND  
REPORTING

April 24, 2000

Mrs. Blanca S. Bayo  
Director, Division of Records and Reporting  
Florida Public Service Commission  
2540 Shumard Oak Boulevard  
Tallahassee, Florida 32399

000496-TP

Re: Approval of an Amendment to the Interconnection Agreement Negotiated by BellSouth Telecommunications, Inc. ("BellSouth") and IDS Long Distance, Inc. pursuant to Sections 251, 252 and 271 of the Telecommunications Act of 1996

Dear Mrs. Bayo:

Pursuant to section 252(e) of the Telecommunications Act of 1996, BellSouth and IDS Long Distance, Inc. are submitting to the Florida Public Service Commission an amendment to their negotiated agreement for the interconnection of their networks, the unbundling of specific network elements offered by BellSouth and the resale of BellSouth's telecommunications services to IDS Long Distance, Inc. The Commission approved the initial agreement between the companies in Order No. 99-0660-FOF-TP issued April 6, 1999 in Docket 990148-TP.

Pursuant to section 252(e) of the Act, the Commission is charged with approving or rejecting the negotiated agreement between BellSouth and IDS Long Distance, Inc. within 90 days of its submission. The Act provides that the Commission may only reject such an agreement if it finds that the agreement or any portion of the agreement discriminates against a telecommunications carrier not a party to the agreement or the implementation of the agreement or any portion of the agreement is not consistent with the public interest, convenience and necessity. Both parties aver that neither of these reasons exist as to the agreement they have negotiated and therefore, are very hopeful that the Commission shall approve their agreement.

Very truly yours,

Regulatory Vice President

(22)

DOCUMENT NUMBER-DATE

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FPSC-RECORDS/REPORTING

**ATTACHMENT TO TRANSMITTAL LETTER**

The Agreement entered into by and between IDS Long Distance, Inc. and BellSouth Telecommunications, Inc., dated 03/27/2000, for the state(s) of Alabama, Florida, Georgia, Kentucky, Louisiana, Mississippi, North Carolina, South Carolina and Tennessee consists of the following:

ITEM	NO. PAGES
Terms and Conditions	2
Exhibit A	131
Exhibit B	5
Exhibit C	2
Exhibit D	2
TOTAL	142

**Amendment to Master  
Interconnection Agreement between  
IDS Long Distance, Inc. and  
BellSouth Telecommunications, Inc.  
Dated January 27, 1999**

Pursuant to this Agreement (the "Amendment"), IDS Long Distance, Inc ("IDS Long Distance") and BellSouth Telecommunications, Inc. ("BellSouth") hereinafter referred to collectively as the "Parties" hereby agree to amend that certain Master Interconnection Agreement ("the Agreement") between BellSouth and IDS Long Distance dated May 6, 1998.

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

1. Attachment 2 is deleted and is replaced in its entirety with Exhibit A.
2. Exhibits 1 through 9 of Attachment 11, Pricing, are deleted and replaced in their entirety with Exhibits A through D. Rates contained in Exhibits A through D are as follows:

Exhibit A	Rates for Network Elements and Other Services reflected in Attachment 2 of the Agreement and additional elements/services provided pursuant to this Amendment
Exhibit B	Rates for Local Interconnection elements/services reflected in Attachment 3 to the Agreement and additional services/elements provided pursuant to this Amendment
Exhibit C	Rates for Interim Number Portability provided for in Attachment 5 of the Agreement
Exhibit D	Rates for ADUF/AODUF/ODUF

3. Attachment 15 is deleted in its entirety.
7. All of the other provisions of the Interconnection Agreement, dated January 27, 1999, shall remain in full force and effect.
8. Either or both of the Parties is authorized to submit this Amendment to the appropriate state Commissions for approval subject to Section 252(e) of the Federal Telecommunications Act of 1996.

IN WITNESS WHEREOF, the Parties hereto have caused this Amendment to be executed by their respective duly authorized representatives on the date indicated below.

**BellSouth Telecommunications, Inc.**

By: [Signature]

Name: Jerry D. Hendrix

Title: Sr. Director-Interconnection Services

Date: 3/27/00

**IDS Long Distance, Inc.**

By: [Signature]

Name: KEITH KRAMER

Title: V.A. IDS

Date: 3/23/00

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

TABLE OF CONTENTS

1. INTRODUCTION.....3

2. UNBUNDLED LOOPS, INTEGRATED DIGITAL LOOP CARRIERS, NETWORK INTERFACES  
DEVICE, UNBUNDLED LOOP CONCENTRATION (ULC) SYSTEM, SUB LOOPS AND DARK FIBER..5

3. SWITCHING.....20

4. ENHANCED EXTENDED LINK (EEL).....32

5. PORT/LOOP COMBINATIONS .....34

6. TRANSPORT AND DARK FIBER.....36

7. BELLSOUTH SWA 8XX TOLL FREE DIALING TEN DIGIT SCREENING SERVICE .....45

8. LINE INFORMATION DATABASE (LIDB) .....47

9. SIGNALING.....51

10. OPERATOR CALL PROCESSING, INWARD OPERATOR SERVICES AND DIRECTORY  
ASSISTANCE SERVICES .....60

11. CALLING NAME (CNAM) DATABASE SERVICE.....68

12. BASIC 911 AND E911 .....70

13. TRUE-UP .....71

LIDB Storage Agreement.....Exhibit A

CNAM Database Services.....Exhibit B

Rates.....Exhibit C

TABLE OF CONTENTS

## **ACCESS TO NETWORK ELEMENTS AND OTHER SERVICES**

### **1. Introduction**

- 1.1. This Attachment sets forth the unbundled network elements and combinations of unbundled network elements that BellSouth agrees to offer to IDS Long Distance in accordance with its obligations under Section 251(c)(3) of the Act. The specific terms and conditions that apply to the unbundled network elements are described below in this Attachment 2. The price for each unbundled network element and combination of unbundled Network Elements are set forth in Exhibit A of this Agreement. As an option, deaveraged rates, where available, are included in Exhibit A. Where deaveraged rates are available, IDS Long Distance is required to choose either deaveraged rates, which are zone specific, or statewide rates.
- 1.2. For purposes of this Agreement, "Network Element" is defined to mean a facility or equipment provided by BellSouth on an unbundled basis as is used by the CLEC in the provision of a telecommunications service. These unbundled network elements will be consistent with the requirements of the FCC 319 rule. For purposes of this Agreement, combinations of Network Elements shall be referred to as "Combinations."
- 1.2.1. Except as otherwise required by law, BellSouth shall not impose limitation restrictions or requirements or request for the use of the network elements or combinations that would impair the ability of IDS Long Distance to offer telecommunications service in the manner IDS Long Distance intends.
- 1.2.2. Except upon request by IDS Long Distance, BellSouth shall not separate requested network elements that BellSouth currently combines.
  - 1.2.2.1. Unless otherwise ordered by an appropriate state or federal regulatory agency, currently combined Network Elements are defined as elements that are already combined within BellSouth's network to a given location.
- 1.3. BellSouth shall, upon request of IDS Long Distance, and to the extent technically feasible, provide to IDS Long Distance access to its network elements for the provision of IDS Long Distance's telecommunications service. If no rate is identified in the contract, the rate for the specific service or function will be as set forth in applicable BellSouth tariff or as negotiated by the Parties upon request by either Party.
- 1.4. IDS Long Distance may purchase network elements and other services from BellSouth for the purpose of combining such network elements in any manner IDS

Long Distance chooses to provide telecommunication services to its intended users, including recreating existing BellSouth services. With the exception of the sub-loop elements which are located outside of the central office, BellSouth shall deliver the network elements purchased by IDS Long Distance for combining to the designated IDS Long Distance collocation space. The network elements shall be provided as set forth in this Attachment.

- 1.5. Subject to applicable and effective FCC Rules and Orders as well as effective State Commission Orders, BellSouth will offer combinations of network elements pursuant to such orders. BellSouth will provide the following combined network elements for purchase by IDS Long Distance. The rate of the following combined network elements is the sum of the individual element prices as set forth in this Attachment. Order Coordination as defined in Section 2 of Attachment 2 of this Agreement is available for each of these combinations:
- SL2 loop and cross connect
  - Port and cross connect
  - Port and cross connect and common (shared) transport
  - Port and vertical features
  - SL2 Loop with loop concentration
  - Port and common (shared) transport
  - SL2 Loop and LNP
- 1.6. BellSouth shall comply with the requirements as set forth in the technical references within Attachment 2 to the extent that they are consistent with the greater of BellSouth's actual performance or applicable industry standards.
- 1.7. In the event that any effective legislative, regulatory, judicial or other legal action modifies or redefines the "Network Elements" in a manner which materially affects the terms of this Attachment or the Network Elements and/or prices set forth herein, either Party may, on thirty (30) days written notice, require renegotiation of such terms, and the Parties shall renegotiate in good faith such new terms in accordance with such legislative, regulatory, judicial or other legal action. In the event such new terms are not renegotiated within ninety (90) days after the notice for renegotiation, either Party may petition the Commission for resolution of the dispute between the Parties. Each Party reserves the right to seek judicial review of any Commission ruling concerning this Attachment.
- 1.8. IDS Long Distance will adopt and adhere to the standards contained in the applicable CLEC Work Center Operational Understanding Agreement regarding maintenance and installation of service.
- 1.9. Standards for Network Elements

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

1.9.2 If one or more of the requirements set forth in this Agreement are in conflict, the parties shall mutually agree on which requirement shall apply. If the parties cannot reach agreement, the dispute resolution process set forth in Section 12 of the General Terms and Conditions of this Agreement, incorporated herein by this reference, shall apply.

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

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

**2.1 Unbundled Loops**

**2.1.1 Definition**

2.1.2 The local loop network element ("Loop(s)") is defined as a transmission facility between a distribution frame (or its equivalent) in BellSouth's central office and the loop demarcation point at an end-user customer premises, including inside wire owned by BellSouth. The local loop network element includes all features, functions, and capabilities of the transmission facilities, including dark fiber and attached electronics (except those used for the provision of advanced services, such as Digital Subscriber Line Access Multiplexers) and line conditioning. The loop shall include the use of all test access functionality, including without limitation, smart jacks, for both voice and data.

2.1.3 The provisioning of service to a CLEC will require cross-office cabling and cross-connections within the central office to connect the loop to a local switch or to other transmission equipment in collocation space. These cross-connects are a separate element and are not considered a part of the loop.

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

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

- 2.1.6 "Order Coordination – Time Specific" refers to service order coordination in which IDS Long Distance requests a specific time for a service order conversion to take place. Loops on a single service order of 14 or more loops will be provisioned on a project basis. This is a chargeable option for any coordinated order and is billed in addition to the OC charge. IDS Long Distance may specify a time between 9:00 a.m. and 4:00 p.m. (location time) Monday through Friday (excluding holidays). If IDS Long Distance specifies a time outside this window, or selects a time or quantity of loops that requires BellSouth technicians to work outside normal work hours, overtime charges will apply in addition to the OC and OC-TS charges. Overtime charges will be applied according to actual costs based on type of force group required to perform the work, overtime hours worked and any special circumstances.
- 2.1.7 Where facilities are available, BellSouth will install loops within a 5-7 business days interval. For orders of 14 or more loops, the installation will be handled on a project basis and the intervals will be set by the BellSouth project manager for that order. Some loops require a Service Inquiry (SI) to determine if facilities are available prior to issuing the order. The interval for the SI process is separate from the installation interval. For expedite requests by IDS Long Distance, expedite charges will apply for intervals less than 5 days. The charges outlined in BellSouth's FCC # 1 Tariff, Section 5.1.1, will apply. If IDS Long Distance cancels an order for network elements and other services, any costs incurred by BellSouth in conjunction with the provisioning of that order will be recovered in accordance with FCC #1 Tariff, Section 5.4.
- 2.1.8 If IDS Long Distance modifies an order after being sent a Firm Order Confirmation (FOC) from BellSouth, any costs incurred by BellSouth to accommodate the modification will be reimbursed by IDS Long Distance.
- 2.1.9 BellSouth will offer Unbundled Voice Loops (UVL) in two different service levels - Service Level One (SL1) and Service Level Two (SL2).
- 2.1.10 SL1 loops will be non-designed, will not have test points, and will not come with any Order Coordination (OC) or engineering information/circuit make-up data. Upon issuance of an order in the service order system, SL1 loops will be activated on the due date in the same manner and time frames that BellSouth normally activates POTS-type loops for its customers. If IDS Long Distance requests work to be done for SL1s that requires BellSouth technicians to work outside normal work hours, overtime charges will be applied according to actual costs based on type of force group required to perform the work, overtime hours worked and any special circumstances.
- 2.1.11 SL2 loops shall have test points, with or without conditioning, will be designed with a design layout record provided to IDS Long Distance, and will be provided with OC.

The OC feature will allow IDS Long Distance to coordinate the installation of the loop with the disconnect of an existing customer's service and/or number portability service. In these cases, BellSouth will perform the order conversion with standard order coordination at its discretion during normal work hours.

- 2.1.12 BellSouth will also offer Unbundled Digital Loops (UDL). They will be designed, will be provisioned with test points (where appropriate), and will come standard with Order Coordination and a Design Layout Record (DLR).
- 2.1.13 As a chargeable option on all loops except UVL-SL1 and UCL, BellSouth will offer Order Coordination - Time Specific (OC-TS). This will allow IDS Long Distance the ability to specify the time that the coordinated conversion takes place. The OC-TS charge for orders due on the same day at the same location will be applied on a per Local Service Request (LSR) basis.
- 2.1.14 IDS Long Distance will be responsible for testing and isolating troubles on the loops. Once IDS Long Distance has isolated a trouble to the BellSouth provided loop, IDS Long Distance will issue a trouble to BellSouth on the loop. BellSouth will take the actions necessary to repair the loop if a trouble actually exists. BellSouth will repair these loops in the same time frames that BellSouth repairs similarly situated loops to its customers.
- 2.1.15 If IDS Long Distance reports a trouble on SL1 loops and no trouble actually exists, BellSouth will charge IDS Long Distance for any dispatching and testing (both inside and outside the CO) required by BellSouth in order to confirm the loop's working status.
- 2.1.16 If IDS Long Distance reports a trouble on SL2 loops and no trouble actually exists, BellSouth will charge IDS Long Distance for any dispatching and testing, (outside the CO) required by BellSouth in order to confirm the loop's working status.
- 2.1.17 In addition to the UVLs and UDLs, BellSouth shall make available an Unbundled Copper Loop (UCL). The UCL will be a copper twisted pair loop that is unencumbered by any intervening equipment (e.g., filters, load coils, range extenders, digital loop carrier, or repeaters). The UCL will be offered in two versions - Short and Long. A short UCL (18 kft or less) will be provisioned according to Resistance Design parameters. The long UCL (beyond 18kft) will be used when a CLEC wants to condition copper loops longer than 18kft by removing load coils and other intervening equipment. BST will only ensure electrical continuity and balance relative to tip and ring on UCLs.
- 2.1.18 The UCL will be a designed circuit, with or without conditioning, provisioned with a test point and come standard with a DLR. OC will be offered as a chargeable option

on all UCL loops. Order Coordination – Time Specific (OC-TS) will not be offered on UCLs.

- 2.1.19 The UCL is a dry cooper loop and is not intended to support any particular telecommunications service. IDS Long Distance may use the UCL loop for a variety of services, including xDSL (e.g., ADSL and HDSL) services, by attaching appropriate terminal equipment of IDS Long Distance's choosing. IDS Long Distance will determine the type of service that will be provided over the loop.
- 2.1.20 Because the UCL loop shall be an unbundled loop offering that is separate and distinct from BellSouth's ADSL and HDSL capable loop offerings, CLEC agrees that BellSouth's UCL loop will not be held to the service level and performance expectations that apply to its ADSL and HDSL unbundled loop offerings. BellSouth shall only be obligated to maintain copper continuity and provide balance relative to tip and ring on UCL loops.
- 2.1.21 The UCL loop shall be provided to CLEC in accordance with BellSouth's Technical Reference 73600.
- 2.1.22 Technical Requirements
- 2.1.22.1 To the extent available within BellSouth's Network at a particular location, BellSouth will offer loops capable of supporting telecommunications services such as: POTS, Centrex, basic rate ISDN, analog PBX, voice grade private line, ADSL, HDSL, DS1 and digital data (up to 64 kb/s). If a requested loop type is not available, then the CLEC can use the Special Construction process to request that BellSouth place facilities or otherwise modify facilities in order to meet IDS Long Distance's request.
- 2.1.22.2 IDS Long Distance will be responsible for providing BellSouth with a Service Profile Identifier (SPID) associated with a particular ISDN-capable loop and end user. With the SPID, BellSouth will be able to adequately test the circuit and ensure that it properly supports ISDN service.
- 2.1.22.3 The loop will support the transmission, signaling, performance and interface requirements of the services described in 2.1.3 above. It is recognized that the requirements of different services are different, and that a number of types or grades of loops are required to support these services. Services provided over the loop by IDS Long Distance will be consistent with industry standards and BellSouth's TR73600.
- 2.1.22.4 IDS Long Distance may utilize the unbundled loops to provide any telecommunication service it wishes. However, BellSouth will only provision, maintain and repair the loops to the standards that are consistent with the type of loop ordered. For example, if IDS Long Distance orders an ISDN-capable loop but wants

to use the loop for a service other than ISDN, BellSouth will only support that the loop is capable of providing ISDN service. For non-service specific loops (e.g. UCL, loops modified by IDS Long Distance using the Special Construction process), BellSouth will only support that the loop has copper continuity and balanced tip-and-ring.

- 2.1.22.5 In some instances, IDS Long Distance will require access to a copper twisted pair loop unfettered by any intervening equipment (e.g., filters, load coils, range extenders, etc.), so that IDS Long Distance can use the loop for a variety of services by attaching appropriate terminal equipment at the ends. IDS Long Distance will determine the type of service that will be provided over the loop. In some cases, IDS Long Distance may be required to pay additional charges for the removal of certain types of equipment. BellSouth's Special Construction process will be used to determine the costs and feasibility of these activities.
- 2.1.22.6 In cases in which IDS Long Distance has requested that BellSouth remove equipment from the BellSouth loop, BellSouth will no longer be expected to maintain and repair the loop to the standards specified for that loop type in the TR73600 and other standards referenced in this Agreement. BellSouth will only support that these loops provide electrical continuity and balance relative to tip-and-ring.
- 2.1.22.7 IDS Long Distance, in performance of its obligations pursuant to the preceding Section, shall maintain records that will reflect that pursuant to IDS Long Distance's request BellSouth has removed certain equipment from BellSouth provided loops and as such the loop may not perform within the technical specifications associated with that loop type. IDS Long Distance will not report to BellSouth troubles on said loops where the loops are not performing within the technical specifications of that loop type.
- 2.1.22.8 In addition, IDS Long Distance recognizes there may be instances where a loop modified in this manner may be subjected to normal network configuration changes that may cause the circuit characteristics to be changed and may create an outage of the service that IDS Long Distance has placed on the loop. If this occurs, BellSouth will work cooperatively with IDS Long Distance to restore the circuit to its previous modified status as quickly as possible. IDS Long Distance will pay the Time and Materials costs associated with BellSouth's work efforts needed to bring the loop back to its previous modified status.
- 2.1.22.9 The loop shall be provided to IDS Long Distance in accordance with BellSouth's TR73600 Unbundled Local Loop Technical Specification and applicable industry standard technical references.

## **2.2 Loop Conditioning**

- 2.2.1 Subject to applicable and effective FCC rules and orders, BellSouth shall condition loops, as requested by IDS Long Distance, whether or not BellSouth offers advanced services to the End User on that loop.
- 2.2.2 Loop conditioning is defined as the removal from the loop of any devices that may diminish the capability of the loop to deliver high-speed switched wireline telecommunications capability, including xDSL service. Such devices include, but are not limited to, bridge taps, low pass filters, and range extenders.
- 2.2.3 BellSouth shall recover the cost of line conditioning requested by IDS Long Distance through a recurring charge and/or nonrecurring charge(s) in accordance with the FCC's forward-looking pricing principles promulgated pursuant to section 252 (d) (1) of the Act and in compliance with FCC Rule 52.507 (e).

## **2.3 Integrated Digital Loop Carriers**

- 2.3.1 Where BellSouth uses Integrated Digital Loop Carrier (IDLC) systems to provide the local loop and BellSouth has a suitable alternate facility available, BellSouth will make arrangements to permit IDS Long Distance to order a contiguous local loop. To the extent it is technically feasible, these arrangements will provide IDS Long Distance with the capability to serve end users at a level that is at parity with the level of service BellSouth provides its customers. If no alternate facility is available, BellSouth will utilize its Special Construction (SC) process to determine the additional costs required to provision the loop facilities. IDS Long Distance will then have the option of paying the one-time SC rates to place the loop facilities or IDS Long Distance may choose some other method of providing service to the end-user (e.g., Resale, private facilities, etc.).

## **2.4 Network Interface Device**

### **2.4.1 Definition**

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

- 2.4.2. BellSouth shall permit IDS Long Distance to connect IDS Long Distance's loop facilities to on-premises wiring through the BellSouth NID or at any other technically feasible point.
- 2.4.3. Access to Network Interface Device (NID)
- 2.4.3.1. Due to the wide variety of NIDs utilized by BellSouth (based on subscriber size and environmental considerations), IDS Long Distance may access the on-premises wiring by any of the following means: BellSouth shall allow IDS Long Distance to connect its loops directly to BellSouth's multi-line residential NID enclosures that have additional space and are not used by BellSouth or any other telecommunications carriers to provide service to the premise. IDS Long Distance agrees to install compatible protectors and test jacks and to maintain the protection system and equipment and to indemnify BellSouth pursuant to Section 8 of the General Terms and Conditions of this Agreement.
- 2.4.3.2. Where an adequate length of on-premises wiring is present and environmental conditions permit, either Party may remove the on-premises wiring from the other Party's NID and connect that wire to that Party's own NID; or
- 2.4.3.3. Enter the subscriber access chamber or "side" of "dual chamber" NID enclosures for the purpose of extending a connectorized or spliced jumper wire from the on-premises wiring through a suitable "punch-out" hole of such NID enclosures; or
- 2.4.3.4. Request BellSouth to make other rearrangements to the on-premises wiring terminations or terminal enclosure on a time and materials cost basis to be charged to the requesting Party (i.e., IDS Long Distance, its agent, the building owner or the subscriber). Such charges will be billed to the requesting Party.
- 2.4.3.5. In no case shall either Party remove or disconnect the other Party's loop facilities from either Party's NIDs, enclosures, or protectors, without state regulatory requirement, without providing prior notice to the other Party, and without appropriately capping off and guarding the other Party's loop. In such cases, it shall be the responsibility of the disconnecting party to properly ground the other party's loop, maintain the NID, and assume full liability for its action and any adverse consequences.
- 2.4.3.6. In no case shall either Party remove or disconnect ground wires from BellSouth's NIDs, enclosures, or protectors.
- 2.4.3.7. In no case shall either Party remove or disconnect NID modules, protectors, or terminals from BellSouth's NID enclosures.

2.4.3.8. Due to the wide variety of NID enclosures and outside plant environments BellSouth will work with IDS Long Distance to develop specific procedures to establish the most effective means of implementing this Section, 2.4.3.

2.4.4 Technical Requirements

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

2.4.4.2 The NID shall be capable of transferring electrical analog or digital signals between the subscriber's inside wiring and the Distribution Media and/or cross connect to IDS Long Distance's NID, consistent with the NID's function at the Effective Date of this Agreement.

2.4.4.3 Where a BellSouth NID exists, it is provided in its "as is" condition. IDS Long Distance may request BellSouth do additional work to the NID in accordance with Section 2.4.3.8.

2.4.4.4 When IDS Long Distance deploys its own local loops with respect to multiple-line termination devices, IDS Long Distance shall specify the quantity of NIDs connections that it requires within such device.

2.4.5 Interface Requirements

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

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

2.5.1 BellSouth will provide to IDS Long Distance Unbundled Loop Concentration (ULC). Loop concentration systems in the central office concentrate the signals transmitted over local loops onto a digital loop carrier system. The concentration device is placed inside a BellSouth central office. BellSouth will offer ULC with a TR008 interface or a TR303 interface.

2.5.2 ULC will be offered in two sizes. System A will allow up to 96 BellSouth loops to be concentrated onto multiple DS1s. The high-speed connection from the concentrator will be at the electrical DS1 level and may connect to IDS Long Distance at IDS Long Distance's collocation site. System B will allow up to 192 BellSouth loops to be concentrated onto multiple DS1s. System A may be upgraded to a System B. A minimum of two DS1s is required for each system (i.e., System A requires two DS1s and System B would require an additional two DS1s or four in total). All DS1 interfaces will terminate to the CLEC's collocation space. ULC service is offered

with or without concentration and with or without protection. A Line Interface element will be required for each loop that is terminated onto the ULC system. Rates for ULC are as set forth in this Attachment.

## **2.6 Sub-loop Elements**

- 2.6.1 Where facilities permit and subject to applicable and effective FCC rules and orders, BellSouth shall offer access to its Unbundled Sub Loop (USL), Unbundled Subloop Concentration (USLC) System and Unbundled Network Terminating Wire (UNTW) elements. BellSouth shall provide non-discriminatory access, in accordance with 51.311 and section 251(c) (3) of the Act, to the subloop. On an unbundled basis and pursuant to the following terms and conditions and the rates approved by the Commission and set forth in this Attachment.
- 2.6.2 Subloop components include but are not limited to the following:
- 2.6.2.1 Unbundled Sub-Loop Distribution;
  - 2.6.2.2 Unbundled Sub-Loop Concentration/Multiplexing Functionality; and
  - 2.6.2.3 Unbundled Network Terminating Wire; and
  - 2.6.2.4 Unbundled Sub-Loop Feeder.
- 2.6.3 Unbundled Sub-Loop (distribution facilities)**
- 2.6.3.1 Definition
- 2.6.3.2 Subject to applicable and effective FCC rules and orders, the unbundled sub-loop distribution facility is dedicated transmission facility that BellSouth provides from a customer's point of demarcation to a BellSouth cross-connect device. The BellSouth cross-connect device may be located within a remote terminal (RT) or a stand-alone cross-box in the field or in the equipment room of a building. There are two offerings available for Unbundled Sub-Loops (USL):
- 2.6.3.3 Unbundled Sub-Loop Distribution (USL-D) will include the sub-loop facility from the cross-box in the field up to and including the point of demarcation.
- 2.6.3.4 BellSouth will also provide sub-loop interconnection to the intrabuilding network cable (INC) (riser cable). INC is the distribution facility inside a subscriber's building or between buildings on one customer's same premises (continuous property not separated by a public street or road). USL-INC (riser cable) will include the

facility from the cross-connect device in the building equipment room up to and including the point of demarcation.

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

2.6.4.1 Unbundled Sub-Loop distribution facilities were originally built as part of the entire voice grade loop from the BellSouth central office to the customer network interface. Therefore, the Unbundled Sub-Loop may have load coils, which are necessary for transmission of voice grade services. The Unbundled Sub-Loops will be provided in accordance with technical reference TR73600.

2.6.4.2 Unbundled Sub-Loop distribution facilities shall support functions associated with provisioning, maintenance and testing of the Unbundled Sub-Loop. In a scenario that involves connection at a BellSouth cross-box located in the field, IDS Long Distance would be required to deliver a cable to the BellSouth remote terminal or cross-box to provide continuity to IDS Long Distance's feeder facilities. This cable would be connected, by a BellSouth technician, to a cross-connect panel within the BellSouth RT/cross-box. IDS Long Distance's cable pairs can then be connected to BellSouth's USL within the BellSouth cross-box by the BellSouth technician. In a scenario that requires connection in a building equipment room, BellSouth will install a cross connect panel on which access to the requested sub-loops will be connected. The CLEC's cable pairs can then be connected to the Unbundled Sub-Loop pairs on this cross-connect panel by the BellSouth technician.

2.6.4.3 BellSouth will provide Unbundled Sub-Loops where possible. Through the firm order Service Inquiry (SI) process, BellSouth will determine if it is feasible to place the required facilities where IDS Long Distance has requested access to Unbundled Sub-Loops. If existing capacity is sufficient to meet the CLEC demand, then BellSouth will perform the set-up work as described in the next section 2.6.4.4 . If any work must be done to modify existing BellSouth facilities or add new facilities (other than adding the cross-connect panel in a building equipment room as noted in 2.6.4.4) to accommodate IDS Long Distance's request for Unbundled Sub-Loops, BellSouth will use its Special Construction (SC) process to determine the additional costs required to provision the Unbundled Sub-Loops. IDS Long Distance will then have the option of paying the one-time SC charge to modify the facilities to meet IDS Long Distance's request.

2.6.4.4 During the initial set-up in a BellSouth cross-connect box in the field, the BellSouth technician will perform the necessary work to splice the CLEC's cable into the cross-connect box. For the set-up inside a building equipment room, BellSouth will perform the necessary work to install the cross-connect panel that will be used to provide access to the requested USLs. Once the set-up is complete, the CLEC

requested sub-loop pairs would be provisioned through the service order process based on the submission of a LSR to the LCSC.

2.6.5 Interface Requirements

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

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

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

2.6.6.2 USLC, using the Lucent Series 5 equipment, will be offered in two different systems. System A will allow up to 96 of IDS Long Distance's sub-loops to be concentrated onto multiple DS1s. System B will allow an additional 96 of IDS Long Distance's sub-loops to be concentrated onto multiple DS1s. One System A may be supplemented with one System B and they both must be physically located in a single Series 5 dual channel bank. A minimum of two DS1s is required for each system (i.e., System A requires two DS1s and System B would require an additional two DS1s or four in total). The DS1 level facility that connects the RT site with the serving wire center is known as a Feeder Interface. All DS1 Feeder Interfaces will terminate to the CLEC's collocation space within the SWC that serves the RT where the CLEC's sub-loops are connected. USLC service is offered with or without concentration and with or without a protection DS1.

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

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

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

2.6.7.2 Definition

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

2.6.7.3 Requirements

2.6.7.3.1 BellSouth will offer spare pairs that are available to an end user's premises to IDS Long Distance. Available spare pairs are defined as pairs that are not being utilized by BellSouth or by a third party to provide an end user with working service at the time of IDS Long Distance's request for UNTW. If no spare pairs are available and the end user is no longer using BellSouth's local service, BellSouth will relinquish the first pair to IDS Long Distance. If after BellSouth has relinquished the first pair to IDS Long Distance and the end user decides to change local service providers to BellSouth, IDS Long Distance will relinquish the first pair back to BellSouth.

2.6.7.3.2 Notwithstanding the foregoing, should BellSouth subsequently require the use of additional pair(s) to provide for the activation of additional lines in an end users premises in response to a request from such end user, IDS Long Distance agrees to surrender their spare pair(s) upon request by BellSouth.

2.6.7.3.3 If an end user of IDS Long Distance desires to receive local exchange service from a service provider who is not a Party to this Agreement, and such third party service provider needs access to the BellSouth UNTW to provide local exchange service to the end user, then IDS Long Distance agrees to surrender the requisite number of its inactive spare pair(s) if no other spare pair is available and upon request by BellSouth.

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

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

2.6.8 Technical Requirements

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

## **2.7 Dark Fiber**

### **2.7.1 Defintion**

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

### **2.7.2 Requirements**

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

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

2.7.2.3 IDS Long Distance may test the quality of the Dark Fiber to confirm its usability and performance specifications.

2.7.2.4 BellSouth shall use its best efforts to provide to IDS Long Distance information regarding the location, availability and performance of Dark Fiber within ten (10) business days for a records based answer and twenty (20) business days for a field based answer, after receiving a request from IDS Long Distance ("Request"). Within such time period, BellSouth shall send written confirmation of availability of the Dark Fiber ("Confirmation"). From the time of the Request to forty-five (45) days after Confirmation, BellSouth shall hold such requested Dark Fiber for IDS Long Distance's use and may not allow any other party to use such media, including BellSouth.

2.7.2.5 BellSouth shall use its best efforts to make Dark Fiber available to IDS Long Distance within thirty (30) business days after it receives written confirmation from IDS Long Distance that the Dark Fiber previously deemed available by BellSouth is

wanted for use by IDS Long Distance. This includes identification of appropriate connection points (e.g., Light Guide Interconnection (LGX) or splice points) to enable IDS Long Distance to connect or splice IDS Long Distance provided transmission media (e.g., optical fiber) or equipment to the Dark Fiber.

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

2.7.2.7 IDS Long Distance may splice and test Dark Fiber obtained from BellSouth using IDS Long Distance or IDS Long Distance designated personnel. BellSouth shall provide appropriate interfaces to allow splicing and testing of Dark Fiber. BellSouth shall provide an excess cable length of 25 feet minimum (for fiber in underground conduit) to allow the uncoiled fiber to reach from the manhole to a splicing van.

**2.8 Rates**

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

**2.9 Operational Support Systems (OSS)**

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

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

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

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

2.9.2 Denial/Restoral OSS Charge

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

2.9.3 Cancellation OSS Charge

IDS Long Distance will incur an OSS charge for an accepted LSR that is later canceled by IDS Long Distance.

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

2.9.4 Network Elements and Other Services Manual Additive

2.9.4.1 The Commissions in some states have ordered per-element manual additive non-recurring charges (NRC) for Network Elements and Other Services ordered by means other than one of the interactive interfaces. These ordered Network Elements and Other Services manual additive NRCs will apply in these states, rather than the charge per LSR. The per-element charges are listed on the Rate Tables in Exhibit A.

**3. Switching**

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

**3.1 Local Switching**

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

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

3.1.2. Local Circuit Switching Capability, including Tandem Switching Capability

3.1.2.1 Definition

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

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

- 3.1.3 Notwithstanding BellSouth's general duty to unbundle local circuit switching, BellSouth shall not be required to unbundle local circuit switching for IDS Long Distance when IDS Long Distance serves end-users with four (4) or more voice-grade (DS-0) equivalents or lines in locations served by BellSouth's local circuit switches, which are in the following MSAs: Atlanta, GA; Miami, FL; Orlando, FL; Ft. Lauderdale, FL; Charlotte-Gastonia-Rock Hill, NC; Greensboro-Winston Salem-High Point, NC; Nashville, TN; and New Orleans, LA, and BellSouth has provided non-discriminatory cost based access to the Enhanced Extended Link (EEL) throughout Density Zone 1 as determined by NECA Tariff No. 4 as in effect on January 1, 1999.
- 3.1.4 In the event that IDS Long Distance orders local circuit switching for a single end user account name at a single physical end user location with four (4) or more two (2) wire voice-grade loops from a BellSouth central office listed on Exhibit A, BellSouth's sole recourse shall be to charge IDS Long Distance a rate to be negotiated for use of the local circuit switching functionality for the affected facilities, or in the alternative, to charge IDS Long Distance the local services resale rate for use of all Combinations used to provide the affected facilities to IDS Long Distance.
- 3.1.5 A featureless port is one that has a line port, switching facilities, and an interoffice port. A featured port is a port that includes all features then capable or a number of then capable features specifically requested by IDS Long Distance. Any features that are not currently then capable but are technically feasible through the switch can be requested through the BFR process.
- 3.1.6 BellSouth will provide to IDS Long Distance customized routing of calls: (i) to a requested directory assistance services platform; (ii) to an operator services platform pursuant to Section 10 of Attachment 2; (iii) for IDS Long Distance's PIC'ed toll traffic in a two (2) PIC environment to an alternative OS/DA platform designated by IDS Long Distance. IDS Long Distance customers may use the same dialing arrangements as BellSouth customers.
- 3.1.7 Remote Switching Module functionality is included in Switching Capability. The switching capabilities used will be based on the line side features they support.
- 3.1.8 Switching Capability will also be capable of routing local, intraLATA, interLATA, and calls to international customer's preferred carrier; call features (e.g. call forwarding) and Centrex capabilities.
- 3.1.9 Where required to do so in order to comply with an effective Commission order, BellSouth will provide to IDS Long Distance purchasing local BellSouth switching and reselling BellSouth local exchange service under Attachment 1, selective routing of calls to a requested directory assistance services platform or operator services

platform. IDS Long Distance customers may use the same dialing arrangements as BellSouth customers, but obtain a IDS Long Distance branded service.

3.2 Technical Requirements

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

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

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

3.2.1.3 Subject to this section, BellSouth shall route calls on a per line or per screening class basis to (1) BellSouth platforms providing Network Elements or additional requirements (2) Operator Services platforms, (3) Directory Assistance platforms, and (4) Repair Centers. Any other routing requests by IDS Long Distance will be made pursuant to the Bona Fide Request/ New Business Request Process as set forth in General Terms and Conditions.

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

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

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

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

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

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

3.2.1.10 Special Services provided by BellSouth will include the following:

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

- 3.2.2.3 Termination Attempt
- 3.2.2.4 6/10 Public Office Dialing Plan
- 3.2.2.5 Feature Code Dialing
- 3.2.2.6 Customer Dialing Plan
- 3.2.3 When the following triggers are supported by BellSouth, BellSouth will make these triggers available to IDS Long Distance:
  - 3.2.3.1 Private EAMF Trunk
  - 3.2.3.2 Shared Interoffice Trunk (EAMF, SS7)
  - 3.2.3.3 N11
  - 3.2.3.4 Automatic Route Selection
- 3.2.4 Where capacity exists, BellSouth shall assign each IDS Long Distance customer line the class of service designated by IDS Long Distance (e.g., using line class codes or other switch specific provisioning methods), and shall route directory assistance calls from IDS Long Distance customers to IDS Long Distance directory assistance operators at IDS Long Distance's option.
- 3.2.5 Where capacity exists, BellSouth shall assign each IDS Long Distance customer line the class of services designated by IDS Long Distance (e.g., using line class codes or other switch specific provisioning methods) and shall route operator calls from IDS Long Distance customers to IDS Long Distance operators at IDS Long Distance's option. For example, BellSouth may translate 0- and 0+ intraLATA traffic, and route the call through appropriate trunks to an IDS Long Distance Operator Services Position System (OSPS). Calls from Local Switching must pass the ANI-II digits unchanged.
- 3.2.6 Local Switching shall be offered in accordance with the technical specifications set forth in the applicable industry standard references.
- 3.2.7 Interface Requirements
  - 3.2.7.1 BellSouth shall provide the following interfaces to loops:
    - 3.2.7.1.1 Standard Tip/Ring interface including loopstart or groundstart, on-hook signaling (e.g., for calling number, calling name and message waiting lamp);
    - 3.2.7.1.2 Coin phone signaling;

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

### **3.3 Tandem Switching**

#### **3.3.1 Definition**

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

#### **3.3.2 Technical Requirements**

- 3.3.2.1 Tandem Switching shall have the same capabilities or equivalent capabilities as those described in Bell Communications Research TR-TSY-000540 Issue 2R2, Tandem

Supplement, 6/1/90. The requirements for Tandem Switching include, but are not limited to the following:

- 3.3.2.1.1 Tandem Switching shall provide signaling to establish a tandem connection;
- 3.3.2.1.2 Tandem Switching will provide screening as jointly agreed to by IDS Long Distance and BellSouth;
- 3.3.2.1.3 Tandem Switching shall provide Advanced Intelligent Network triggers supporting AIN features where such routing is not available from the originating end office switch, to the extent such Tandem switch has such capability;
- 3.3.2.1.4 Tandem Switching shall provide access to Toll Free number portability database as designated by IDS Long Distance;
- 3.3.2.1.5 Tandem Switching shall provide all trunk interconnections discussed under the "Network Interconnection" section (e.g., SS7, MF, DTMF, DialPulse, PRI-ISDN, DID, and CAMA-ANI (if appropriate for 911));
  - 3.3.2.1.5.1 Tandem Switching shall provide connectivity to PSAPs where 911 solutions are deployed and the tandem is used for 911; and
  - 3.3.2.1.5.2 Where appropriate, Tandem Switching shall provide connectivity to transit traffic to and from other carriers.
- 3.3.2.1.6 Tandem Switching shall accept connections (including the necessary signaling and trunking interconnections) between end offices, other tandems, IXCs, ICOs, CAPs and CLEC switches.
- 3.3.2.1.7 Tandem Switching shall provide local tandeming functionality between two end offices including two offices belonging to different CLEC's (e.g., between a CLEC end office and the end office of another CLEC).
- 3.3.2.1.8 Tandem Switching shall preserve CLASS/LASS features and Caller ID as traffic is processed.
- 3.3.2.1.9 Tandem Switching shall record billable events and send them to the area billing centers designated by IDS Long Distance. Tandem Switching will provide recording of all billable events as jointly agreed to by IDS Long Distance and BellSouth.
- 3.3.2.1.10 Upon a reasonable request from IDS Long Distance, BellSouth shall perform routine testing and fault isolation on the underlying switch that is providing Tandem Switching and all its interconnections. The results and reports of the testing shall be made immediately available to IDS Long Distance.

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

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

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

Regional Service Order payment must be paid when at least 90% of the Central Offices listed on the original order have been turned up for the service.

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

### **3.5 Packet Switching Capability**

#### **3.5.1 Definition**

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

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

the distribution section (e.g., end office to remote terminal, pedestal or environmentally controlled vault);

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

**3.6 Interoffice Transmission Facilities**

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

**3.7 Rates**

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

**3.8 Operational Support Systems (OSS)**

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

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

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

by means other than one of these interactive interfaces (mail, fax, courier, etc.) will incur a manual order charge as specified in the table below:

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

### 3.8.2 Denial/Restoral OSS Charge

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

### 3.8.3 Cancellation OSS Charge

IDS Long Distance will incur an OSS charge for an accepted LSR that is later canceled by IDS Long Distance.

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

### 3.8.4 Network Elements and Other Services Manual Additive

- 3.8.4.1 The Commissions in some states have ordered per-element manual additive non-recurring charges (NRC) for Network Elements and Other Services ordered by means other than one of the interactive interfaces. These ordered Network Elements and Other Services manual additive NRCs will apply in these states, rather than the charge per LSR. The per-element charges are listed on the Rate Tables in Exhibit A.

Access to Manual

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

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

4.2 Definition

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

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

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

4.2.4 Additionally, there may be instances wherein IDS Long Distance will require multiplexing functionality. BellSouth will provide access to multiplexing within the

central office pursuant to the terms, conditions and rates set forth in its Access Services Tariffs when the customer utilizes special access interoffice facilities. Multiplexing will be provided pursuant to the interconnection agreement when unbundled network elements are used for interoffice transport.

4.3 EEL Combinations

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

4.4 Special Access Service Conversions

- 4.4.1 IDS Long Distance may not convert special access services to combinations of loop and transport network elements, whether or not IDS Long Distance self-provides its entrance facilities (or obtains entrance facilities from a third party), unless IDS Long Distance uses the combination to provide a significant amount of local exchange service, in addition to exchange access service, to a particular customer. To the extent IDS Long Distance converts its special access services to combinations of loop and transport network elements at UNE prices, IDS Long Distance, hereby, certifies that it is providing a significant amount of local exchange service over such combinations. BellSouth may at its sole discretion audit IDS Long Distance records in order to verify the type of traffic being transmitted over combinations of loop and transport network elements. If, based on its audits, BellSouth concludes that IDS Long Distance is not providing a significant amount of local exchange traffic over the combinations of loop and transport network elements, BellSouth may file a complaint with the appropriate Commission, pursuant to the dispute resolution process as set forth in the Interconnection Agreement. In the event that BellSouth prevails, BellSouth may convert such combinations of loop and transport network elements to special access services and may seek appropriate retroactive reimbursement from IDS Long Distance.

- 4.4.2 EEL combinations for DS1 level and above will be available only when IDS Long Distance provides and handles at least one third of the end user's local traffic over the facility provided. In addition, on the DS1 loop portion of the combination, at least fifty (50) percent of the activated channels must have at least five (5) percent local voice traffic individually and, for the entire DS1 facility, at least ten (10) percent of the traffic must be local voice traffic.
- 4.4.3 When combinations of loop and transport network elements include multiplexing, each of the individual DS1 circuits must meet the above criteria.
- 4.5 Rates
  - 4.5.1 Georgia
    - 4.5.1.1 The non-recurring and recurring rates for the EEL Combinations of network elements set forth in 4.3, whether Currently Combined or new, are as set forth in Exhibit A of this Amendment.
    - 4.5.1.2 On an interim basis, for combinations of loop and transport network facilities not set forth in Section 4.3, where the elements are not Currently Combined but are ordinarily combined in BellSouth's network, the non-recurring and recurring charges for such UNE combinations shall be the sum of the stand-alone non-recurring and recurring charges of the network elements which make up the combination. These interim rates shall be subject to true-up based on the Commission's review of BellSouth's cost studies.
    - 4.5.1.3 To the extent that IDS Long Distance seeks to obtain other combinations of loop and transport network elements that BellSouth ordinarily combines in its network which have not been specifically priced by the Commission when purchased in combined form, IDS Long Distance, at its option, can request that such rates be determined pursuant to the Bona Fide Request/New Business Request (NBR) process set forth in the Agreement.
  - 4.5.2 All Other States
    - 4.5.2.1 Subject to Section 4.2.3 preceding, for all other states, the non-recurring and recurring rates for the Currently Combined EEL combinations set forth in Section 1.3 and other Currently Combined loop and transport network elements will be the sum of the non-recurring and recurring rates for the individual network elements unless otherwise negotiated by the parties.
- 5. **Port/Loop Combinations**
  - 5.1 At IDS Long Distance's request, BellSouth shall provide access to combinations of port and loop network elements, as set forth in Section 1.4 below, that are currently

combined in BellSouth's network except as specified in Sections 5.1.1 and 5.1.2 below.

- 5.1.1 BellSouth is not required to provide access to combinations of port and loop network elements in locations where BellSouth is not required to provide circuit switching.
- 5.1.2 BellSouth is not required to provide circuit switching in density Zone 1, as defined in 47 C.F.R. 69.123 as of January 1, 1999, of the Atlanta, Miami, Orlando, Fort Lauderdale, Charlotte, New Orleans, Greensboro and Nashville MSAs to IDS Long Distance if IDS Long Distance's customer has 4 or more DS0 equivalent lines.
- 5.2 Definition
- 5.2.1 For purposes of this Amendment, references to Currently Combined network elements shall mean that such network elements are in fact already combined in the BellSouth network to provide service to a particular end user at a particular location.
- 5.2.2 Combinations of port and loop network elements provide local exchange service for the origination or termination of calls. Section 5.4 following provides the combinations of port and loop network elements that may be ordered by IDS Long Distance when currently combined except in those locations where BellSouth is not required to provide circuit switching, as set forth in Section 5.1.2 above.
- 5.2.3 In Georgia, BellSouth shall provide combinations of port and loop network elements to IDS Long Distance regardless of whether or not such combinations are Currently Combined except in those locations where BellSouth is not required to provide circuit switching, as set forth in Section 5.1.2 above.
- 5.3 Rates for Combinations of Loop and Port Network Elements
- 5.3.1 Rates for combinations of loop and port network elements, as set forth in Section 5.4, are provided in Exhibit A of this Attachment
- 5.3.2 Rates for Circuit Switching
- 5.3.2.1 Rates for circuit switching, where BellSouth is not required, pursuant to Section 5.1, to provide circuit switching are as set forth in Exhibit A of this Attachment.
- 5.4 Combination Offerings
- 5.4.1 2-wire voice grade port, voice grade loop, virtual cross connect, unbundled end office switching, unbundled end office trunk port, common transport per mile per MOU, common transport facilities termination, tandem switching, and tandem trunk port.

- 5.4.2 2-wire voice grade DID port, voice grade loop, virtual cross connect, unbundled end office switching, unbundled end office trunk port, common transport per mile per MOU, common transport facilities termination, tandem switching, and tandem trunk port.
- 5.4.3 2-wire CENTREX port, voice grade loop virtual cross connect, unbundled end office switching, unbundled end office trunk port, common transport per mile per MOU, common transport facilities termination, tandem switching, and tandem trunk port.
- 5.4.4. 2-wire ISDN Basic Rate Interface, voice grade loop virtual cross connect, unbundled end office switching, unbundled end office trunk port, common transport per mile per MOU, common transport facilities termination, tandem switching, and tandem trunk port.
- 5.4.5 2-wire ISDN Primary Rate Interface, DS1 loop virtual cross connect, unbundled end office switching, unbundled end office trunk port, common transport per mile per MOU, common transport facilities termination, tandem switching, and tandem trunk port.
- 5.4.6 4-wire DS1 Trunk port, DS1 Loop virtual cross connect, unbundled end office switching, unbundled end office trunk port, common transport per mile per MOU, common transport facilities termination, tandem switching, and tandem trunk port.

## **6. Transport and Dark Fiber**

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

### **6.1. Transport**

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

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

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

- 6.1.2.1 Common (Shared) Transport provided on DS1 or VT1.5 circuits, shall, at a minimum, meet the performance, availability, jitter, and delay requirements specified for Central

Office to Central Office ("CO to CO") connections in the appropriate industry standards.

- 6.1.2.2 Common (Shared) Transport provided on DS3 circuits, STS-1 circuits, and higher transmission bit rate circuits, shall, at a minimum, meet the performance, availability, jitter, and delay requirements specified for CO to CO connections in the appropriate industry standards.
- 6.1.2.3 BellSouth shall be responsible for the engineering, provisioning, and maintenance of the underlying equipment and facilities that are used to provide Common (Shared) Transport.
- 6.1.2.4 At a minimum, Common (Shared) Transport shall meet all of the requirements set forth in the applicable industry standard technical references.
- 6.2 Interoffice transmission facility network elements include:
  - 6.2.1 Dedicated transport, defined as BellSouth's transmission facilities, including all technically feasible capacity-related services including, but not limited to, DS1, DS3 and OCn levels, dedicated to a particular customer or carrier, that provide telecommunications between wire centers or switches owned by BellSouth, or between wire centers and switches owned by BellSouth and IDS Long Distance.
  - 6.2.2 Dark Fiber transport, defined as BellSouth's optical transmission facilities without attached multiplexing, aggregation or other electronics;
  - 6.2.3 Shared transport, defined as transmission facilities shared by more than one carrier, including BellSouth, between end office switches, between end office switches and tandem switches, and between tandem switches, in BellSouth's network.
  - 6.2.4 BellSouth shall:
    - 6.2.4.1 Provide IDS Long Distance exclusive use of interoffice transmission facilities dedicated to a particular customer or carrier, or shared use of the features, functions, and capabilities of interoffice transmission facilities shared by more than one customer or carrier;
    - 6.2.4.2 Provide all technically feasible transmission facilities, features, functions, and capabilities that IDS Long Distance could use to provide telecommunications services;
    - 6.2.4.3 Permit, to the extent technically feasible, IDS Long Distance to connect such interoffice facilities to equipment designated by IDS Long Distance, including but not limited to, IDS Long Distance's collocated facilities; and

- 6.2.4.4 Permit, to the extent technically feasible, IDS Long Distance to obtain the functionality provided by BellSouth's digital cross-connect systems in the same manner that BellSouth provides such functionality to interexchange carriers.
- 6.2.5 Provided that the facility is used to transport a significant amount of local exchange services IDS Long Distance shall be entitled to convert existing interoffice transmission facilities (i.e., special access) to the corresponding interoffice transport network element option.

### **6.3 Dedicated Transport**

#### **6.3.1 Definitions**

- 6.3.2 Dedicated Transport is defined as BellSouth transmission facilities dedicated to a particular customer or carrier that provide telecommunications between wire centers owned by BellSouth or requesting telecommunications carriers, or between switches owned by BellSouth or requesting telecommunications carriers.

#### **6.3.3 Unbundled Local Channel**

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

#### **6.3.5 Unbundled Interoffice Channel.**

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

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

- 6.3.7.1 As capacity on a shared UNE facility.

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

- 6.3.8 When Dedicated Transport is provided it shall include:

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

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

- 6.3.9 Rates for Dedicated Transport are listed in this Attachment. For those states that do not contain rates in this Attachment the rates in the applicable State Access Tariff will apply as interim rates. When final rates are developed, these interim rates will be subject to true up, and the Parties will amend the Agreement to reflect the new rates.
- 6.3.10 Technical Requirements
- 6.3.10.1 This Section sets forth technical requirements for all Dedicated Transport.
- 6.3.10.2 When BellSouth provides Dedicated Transport, the entire designated transmission service (e.g., DS0, DS1, DS3) shall be dedicated to IDS Long Distance designated traffic.
- 6.3.10.3 BellSouth shall offer Dedicated Transport in all technologies that become available including, but not limited to, (1) DS0, DS1 and DS3 transport services, and (2) SONET at available transmission bit rates.
- 6.3.10.4 For DS1 or VT1.5 circuits, Dedicated Transport shall, at a minimum, meet the performance, availability, jitter, and delay requirements specified for Customer Interface to Central Office ("CI to CO") connections in the appropriate industry standards.
- 6.3.10.5 Where applicable, for DS3, Dedicated Transport shall, at a minimum, meet the performance, availability, jitter, and delay requirements specified for CI to CO connections in the appropriate industry standards.
- 6.3.10.6 BellSouth shall offer the following interface transmission rates for Dedicated Transport:
- 6.3.10.6.1 DS0 Equivalent;
- 6.3.10.6.2 DS1 (Extended SuperFrame - ESF);
- 6.3.10.6.3 DS3 (signal must be framed);
- 6.3.10.6.4 SDH (Synchronous Digital Hierarchy) Standard interface rates in accordance with International Telecommunications Union (ITU) Recommendation G.707 and Plesiochronous Digital Hierarchy (PDH) rates per ITU Recommendation G.704.
- 6.3.10.6.5 When Dedicated Transport is provided, BellSouth shall design it according to BellSouth's network infrastructure to allow for the termination points specified by IDS Long Distance.

- 6.3.11 At a minimum, Dedicated Transport shall meet each of the requirements set forth in the applicable industry technical references.
- 6.3.11.1 BellSouth Technical References:
- 6.3.11.2 TR-TSY-000191 Alarm Indication Signals Requirements and Objectives, Issue 1, May 1986.
- 6.3.11.3 TR 73501 LightGate<sup>®</sup> Service Interface and Performance Specifications, Issue D, June 1995.
- 6.3.11.4 TR 73525 MegaLink<sup>®</sup> Service, MegaLink Channel Service & MegaLink Plus Service Interface and Performance Specifications, Issue C, May 1996.

#### **6.4 Unbundled Channelization**

- 6.4.1 BellSouth agrees to offer access to Unbundled Channelization when available pursuant to following terms and conditions and at the rates set forth in the Attachment.
- 6.4.2 Definition
  - 6.4.2.1 Unbundled Channelization (UC) provides the multiplexing capability that will allow a DS1 (1.544 Mbps) or DS3 (44.736 Mbps) or STS-1 Unbundled Network Element (UNE) or collocation cross-connect to be multiplexed or channelized at a BellSouth central office. This can be accomplished through the use of a stand-alone multiplexer or a digital cross-connect system at the discretion of BellSouth. Once UC has been installed, IDS Long Distance can have channels activated on an as-needed basis by having BellSouth connect lower level UNEs via Central Office Channel Interfaces (COCI).
- 6.4.3 Channelization capabilities will be as follows:
  - 6.4.3.1 DS3 Channelization System: An element that channelizes a DS3 signal into 28 DS1s/STS-1s.
  - 6.4.3.2 DS1 Channelization System: An element that channelizes a DS1 signal into 24 DS0s.
  - 6.4.3.3 Central Office Channel Interfaces (COCI): Elements that can be activated on a channelization system.

- 6.4.4 DS1 Central Office Channel Interface elements can be activated on a DS3 Channelization System.
- 6.4.5 Voice Grade and Digital Data Central Office Channel Interfaces can be activated on a DS1 Channelization System.
- 6.4.6 AMI and B8ZS line coding with either Super Frame (SF) and Extended Super Frame (ESF) framing formats will be supported as options.
- 6.4.7 COCI will be billed on the lower level UNE order that is interfacing with the UC arrangement and will have to be compatible with those UNEs.
- 6.4.8 Channelization may be incorporated within dedicated transport or ordered as a stand-alone capability, which requires either the high or low speed side to be connected to collocation.
- 6.4.9 Technical Requirements
- 6.4.9.1 In order to assure proper operation with BST provided central office multiplexing functionality, the customer's channelization equipment must adhere strictly to form and protocol standards. Separate standards exist for the multiplex channel bank, for voice frequency encoding, for various signaling schemes, and for subrate digital access.
- 6.4.9.2 DS0 to DS1 Channelization
- 6.4.9.2.1 The DS1 signal must be framed utilizing the framing structure defined in ANSI T1.107, *Digital Hierarchy Formats Specifications* and ANSI T1.403.02, *DS1 Robbed-bit Signaling State Definitions*. DS0 to DS1 Channelization requirements are essentially the same as defined in BellSouth Technical Reference 73525, *MegaLink® Service, MegaLink® Channel Service, MegaLink® Plus Service, and MegaLink® Light Service Interface and Performance Specification*.
- 6.4.9.3 DS1 to DS3 Channelization
- 6.4.9.3.1 The DS3 signal must be framed utilizing the framing structure define in ANSI T1.107, *Digital Hierarchy Formats Specifications*. DS1 to DS3 Channelization requirements are essentially the same as defined in BellSouth Technical Reference 73501, *LightGate® Service Interface and Performance Specifications*. The asynchronous M13 multiplex format (combination of M12 and M23 formats) is specified for terminal equipment that multiplexes 28 DS1s into a DS3.
- 6.4.9.4 DS1 to STS Channelization

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

## **6.5 Dark Fiber**

### **6.5.1 Definition**

- 6.5.2 Dark Fiber is optical transmission facilities without attached multiplexing, aggregation or other electronics that connects two points within BellSouth's network. Dark Fiber also includes strands of optical fiber existing in aerial or underground cable which may have lightwave repeater (regenerator or optical amplifier) equipment interspliced to it at appropriate distances, but which has no line terminating elements terminated to such strands to operationalize its transmission capabilities. 6.4.2 Dark Fiber is unused strands of optical fiber. It may be strands of optical fiber existing in aerial or underground structure. No line terminating elements terminated to such strands to operationalize its transmission capabilities will be available. No regeneration or optical amplification will be included with this element.

### **6.5.3 Requirements**

- 6.5.3.1 BellSouth shall make available Dark Fiber where it exists in BellSouth's network and where, as a result of future building or deployment, it becomes available. If BellSouth has plans to use the fiber within a two-year period, there is no requirement to provide said fiber to IDS Long Distance.
- 6.5.3.2 If the requested dark fiber has any lightwave repeater equipment interspliced to it, BellSouth will remove such equipment at IDS Long Distance's request subject to time and materials charges.
- 6.5.3.3 IDS Long Distance may test the quality of the Dark Fiber to confirm its usability and performance specifications.
- 6.5.3.4 BellSouth shall use its best efforts to provide to IDS Long Distance information regarding the location, availability and performance of Dark Fiber within ten (10) business days for a records based answer and twenty (20) business days for a field based answer, after receiving a request from IDS Long Distance ("Request"). Within such time period, BellSouth shall send written confirmation of availability of the Dark Fiber ("Confirmation"). From the time of the Request to forty-five (45) days after Confirmation, BellSouth shall provide such requested Dark Fiber for IDS Long

Distance's use an may not allow any other party to use such media, including BellSouth.

- 6.5.3.5 BellSouth shall use its best efforts to make Dark Fiber available to IDS Long Distance within thirty (30) business days after it receives written confirmation from IDS Long Distance that the Dark Fiber previously deemed available by BellSouth is wanted for use by IDS Long Distance. This includes identification of appropriate connection points (e.g., Light Guide Interconnection (LGX) or splice points) to enable IDS Long Distance to connect or splice IDS Long Distance provided transmission media (e.g., optical fiber) or equipment to the Dark Fiber.
- 6.5.3.6 Dark Fiber shall meet the manufacturer's design specifications.
- 6.5.3.7 IDS Long Distance may splice and test Dark Fiber obtained from BellSouth using IDS Long Distance or IDS Long Distance designated personnel. BellSouth shall provide appropriate interfaces to allow splicing and testing of Dark Fiber. BellSouth shall provide an excess cable length of 25 feet minimum (for fiber in underground conduit) to allow the uncoiled fiber to reach from the manhole to a splicing van.

**6.6 Rates**

- 6.6.1 The prices that IDS Long Distance shall pay to BellSouth for Network Elements and Other Services are set forth in Exhibit C to this Attachment.

**6.7 Operational Support Systems (OSS)**

- 6.7.1 BellSouth has developed and made available the following mechanized systems by which IDS Long Distance may submit LSRs electronically.

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

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

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

6.7.3 Denial/Restoral OSS Charge

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

6.7.4 Cancellation OSS Charge

6.7.4.1 IDS Long Distance will incur an OSS charge for an accepted LSR that is later canceled by IDS Long Distance.

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

6.7.5 Network Elements and Other Services Manual Additive

6.7.5.1 The Commissions in some states have ordered per-element manual additive non-recurring charges (NRC) for Network Elements and Other Services ordered by means other than one of the interactive interfaces. These ordered Network Elements and Other Services manual additive NRCs will apply in these states, rather than the charge per LSR. The per-element charges are listed on the Rate Tables in Exhibit A.

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

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

**7.1 BellSouth SWA 8XX Toll Free Dialing Ten Digit Screening Service database**

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

**7.1.2 Technical Requirements**

**7.1.2.1** BellSouth shall provide IDS Long Distance with access to the 8XX record information located in the 8XX SCP. The 8XX SCP contains current records as received from the national SMS and will provide for routing 8XX originating calls based on the dialed ten digit 8XX number.

**7.1.2.2** The 8XX SCP is designated to receive and respond to queries using the American National Standard Specification of Signaling System Seven (SS7) protocol. The 8XX SCP shall determine the carrier identification based on all ten digits of the dialed number and route calls to the carrier, POTS number, dialing number and/or other optional feature selected by IDS Long Distance.

**7.1.2.3** The SCP shall also provide, at IDS Long Distance's option, such additional feature as described in SR-TSV-002275 (BOC Notes on BellSouth Networks, SR-TSV-002275, Issue 2, (Telcordia (formerly BellCore), April 1994)) as are available to BellSouth. These may include but are not limited to:

**7.1.2.3.1** Network Management;

**7.1.2.3.2** Customer Sample Collection; and

**7.1.2.3.3** Service Maintenance.

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

7.2.1 The ALI/DMS Database contains end user information (including name, address, telephone information, and sometimes special information from the local service provider or end user) used to determine to which Public Safety Answering Point (PSAP) to route the call. The ALI/DMS database is used to provide more routing flexibility for E911 calls than Basic 911. BellSouth shall provide the Emergency Services Database in accordance with the following:

**7.3 Rates**

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

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

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

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

### **8.2.1 Definition**

8.2.2 The Line Information Database (LIDB) is a transaction-oriented database accessible through Common Channel Signaling (CCS) networks. It contains records associated with end user Line Numbers and Special Billing Numbers. LIDB accepts queries from other Network Elements and provides appropriate responses. The query originator need not be the owner of LIDB data. LIDB queries include functions such as screening billed numbers that provides the ability to accept Collect or Third Number Billing calls and validation of Telephone Line Number based non-proprietary calling cards. The interface for the LIDB functionality is the interface between BellSouth's CCS network and other CCS networks. LIDB also interfaces to administrative systems.

### **8.2.3 Technical Requirements**

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

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

8.2.4.2 Within two (2) weeks after a request by IDS Long Distance, BellSouth shall provide IDS Long Distance with a list of the customer data items, which IDS Long Distance would have to provide in order to support each required LIDB function. The list shall indicate which data items are essential to LIDB function, and which are required only to support certain services. For each data item, the list shall show the data formats, the acceptable values of the data item and the meaning of those values.

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

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

- 8.2.4.5 BellSouth shall provide LIDB systems for which the LIDB function shall be in overload no more than 12 hours per year.
- 8.2.4.6 All additions, updates and deletions of IDS Long Distance data to the LIDB shall be solely at the direction of IDS Long Distance. Such direction from IDS Long Distance will not be required where the addition, update or deletion is necessary to perform standard fraud control measures (e.g., calling card auto-deactivation).
- 8.2.4.7 BellSouth shall provide priority updates to LIDB for IDS Long Distance data upon IDS Long Distance's request (e.g., to support fraud detection), via password-protected telephone card, facsimile, or electronic mail within one hour of notice from the established BellSouth contact.
- 8.2.4.8 BellSouth shall provide LIDB systems such that no more than 0.01% of IDS Long Distance customer records will be missing from LIDB, as measured by IDS Long Distance audits. BellSouth will audit IDS Long Distance records in LIDB against DBAS to identify record mismatches and provide this data to a designated IDS Long Distance contact person to resolve the status of the records and BellSouth will update system appropriately. BellSouth will refer record of mis-matches to IDS Long Distance within one business day of audit. Once reconciled records are received back from IDS Long Distance, BellSouth will update LIDB the same business day if less than 500 records are received before 1:00PM Central Time. If more than 500 records are received, BellSouth will contact IDS Long Distance to negotiate a time frame for the updates, not to exceed three business days.
- 8.2.4.9 BellSouth shall perform backup and recovery of all of IDS Long Distance's data in LIDB including sending to LIDB all changes made since the date of the most recent backup copy, in at least the same time frame BellSouth performs backup and recovery of BellSouth data in LIDB for itself. Currently, BellSouth performs backups of the LIDB for itself on a weekly basis and when a new software release is scheduled, a backup is performed prior to loading the new release.
- 8.2.4.10 BellSouth shall provide IDS Long Distance 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 IDS Long Distance and BellSouth.
- 8.2.4.11 BellSouth shall prevent any access to or use of IDS Long Distance 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 IDS Long Distance in writing.
- 8.2.4.12 BellSouth shall provide IDS Long Distance 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 IDS Long Distance at least at parity with BellSouth Customer Data. BellSouth shall obtain from IDS Long Distance the screening information associated with LIDB Data Screening of IDS Long Distance 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 IDS Long Distance under the Bona Fide Request/New Business Process as set forth in General Terms and Conditions.

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

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



**9 Signaling**

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

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

**9.3 Signaling Link Transport**

9.3.1 Definition Signaling Link Transport is a set of two or four dedicated 56 Kbps. transmission paths between CLEC-designated Signaling Points of Interconnection (SPOI) that provides appropriate physical diversity.

**9.3.2 Technical Requirements**

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

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

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

9.3.3.2 As a "B-link" which is a connection between two STP pairs in different company networks (e.g., between two STP pairs for two Competitive Local Exchange Carriers (CLECs)).

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

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

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

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

9.3.5.1 There shall be no more than two minutes down time per year for an A-link layer; and transient message loss shall be less than 0.001%.

- 9.3.5.2 There shall be negligible (less than 2 seconds) down time per year for a B-link layer.
- 9.3.5.3 A signaling link layer shall satisfy interoffice and intraoffice diversity of facilities and equipment, such that:
  - 9.3.5.3.1 No single failure of facilities or equipment causes the failure of both links in an A-link layer (i.e., the links should be provided on a minimum of two separate physical paths end-to-end); and
  - 9.3.5.3.2 No two concurrent failures of facilities or equipment shall cause the failure of all four links in a B-link layer (i.e., the links should be provided on a minimum of three separate physical paths end-to-end).
- 9.3.5.4 Interface Requirements
  - 9.3.5.4.1 There shall be a DS1 (1.544 Mbps) interface at the IDS Long Distance designated SPOIs. Each 56 kbps transmission path shall appear as a DS0 channel within the DS1 interface.

#### **9.4 Signaling Transfer Points (STPs)**

9.4.1 Definition - Signaling Transfer Points is a signaling network function that includes all of the capabilities provided by the signaling transfer point switches (STPs) and their associated signaling links which enable the exchange of SS7 messages among and between switching elements, database elements and signaling transfer point switches.

#### **9.4.2 Technical Requirements**

- 9.4.2.1 STPs shall provide access to Network Elements connected to BellSouth SS7 network. These include:
  - 9.4.2.1.1 BellSouth Local Switching or Tandem Switching;
  - 9.4.2.1.2 BellSouth Service Control Points/DataBases;
  - 9.4.2.1.3 Third-party local or tandem switching;
  - 9.4.2.1.4 Third-party-provided STPs.
- 9.4.2.2 The connectivity provided by STPs shall fully support the functions of all other Network Elements connected to the BellSouth SS7 network. This explicitly includes the use of the BellSouth SS7 network to convey messages which neither originate nor terminate at a signaling end point directly connected to the BellSouth SS7 network (i.e., transient messages). When the BellSouth SS7 network is used to convey transient messages, there shall be no alteration of the Integrated Services Digital

Network User Part (ISDNUP) or Transaction Capabilities Application Part (TCAP) user data that constitutes the content of the message.

- 9.4.2.3 If a BellSouth tandem switch routes calling traffic, based on dialed or translated digits, on SS7 trunks between an IDS Long Distance 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 IDS Long Distance local STPs and the STPs that provide connectivity with the third party local switch, even if the third party local switch is not directly connected to BellSouth STPs.
- 9.4.2.4 STPs shall provide all functions of the MTP as defined in the applicable industry standard technical references.
- 9.4.2.5 STPs shall provide all functions of the SCCP necessary for Class 0 (basic connectionless) service, as defined in Telcordia (formerly BellCore) ANSI Interconnection Requirements. In particular, this includes Global Title Translation (GTT) and SCCP Management procedures, as specified in T1.112.4. In cases where the destination signaling point is a IDS Long Distance 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 IDS Long Distance database, then IDS Long Distance agrees to provide BellSouth with the Destination Point Code for the IDS Long Distance database.
- 9.4.2.6 STPs shall provide on a non-discriminatory basis all functions of the OMAP commonly provided by STPs, as specified in the reference in Section 12.4.5 of this Attachment. All OMAP functions will be on a "where available" basis and can include:
  - 9.4.2.6.1 MTP Routing Verification Test (MRVT); and
  - 9.4.2.6.2 SCCP Routing Verification Test (SRVT).
- 9.4.2.7 In cases where the destination signaling point is a BellSouth local or tandem switching system or database, or is an IDS Long Distance or third party local or tandem switching system directly connected to the BellSouth SS7 network, STPs shall perform MRVT and SRVT to the destination signaling point. In all other cases, STPs shall perform MRVT and SRVT to a gateway pair of STPs in an SS7 network connected with the BellSouth SS7 network. This requirement shall be superseded by

the specifications for Internetwork MRVT and SRVT if and when these become approved ANSI standards and available capabilities of BellSouth STPs, and if mutually agreed upon by IDS Long Distance and BellSouth.

9.4.2.8 STPs shall be on parity with BellSouth.

9.4.2.9 SS7 Advanced Intelligent Network (AIN) Access

9.4.2.9.1 When technically feasible and upon request by IDS Long Distance, SS7 Access shall be made available in association with switching. SS7 AIN Access is the provisioning of AIN 0.1 triggers in an equipped BellSouth local switch and interconnection of the BellSouth SS7 network with the IDS Long Distance SS7 network to exchange TCAP queries and responses with an IDS Long Distance SCP.

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

9.4.3 Interface Requirements

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

9.4.3.1.1 An A-link interface from IDS Long Distance local switching systems; and,

9.4.3.1.2 A B-link interface from IDS Long Distance local STPs.

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

9.4.3.3 The Signaling Point of Interconnection (SPOI) for each link shall be located at a cross-connect element, such as a DSX-1, in the Central Office (CO) where BellSouth STP is located. There shall be a DS1 or higher rate transport interface at each of the SPOIs. Each signaling link shall appear as a DS0 channel within the DS1 or higher rate interface. BellSouth shall offer higher rate DS1 signaling for interconnecting IDS Long Distance local switching systems or STPs with BellSouth STPs as soon as these become approved ANSI standards and available capabilities of BellSouth STPs.

BellSouth and IDS Long Distance will work jointly to establish mutually acceptable SPOIs.

- 9.4.3.4 BellSouth CO shall provide intraoffice diversity between the SPOIs and BellSouth STPs, so that no single failure of intraoffice facilities or equipment shall cause the failure of both B-links in a layer connecting to a BellSouth STP. BellSouth and IDS Long Distance will work jointly to establish mutually acceptable SPOIs.
- 9.4.3.5 STPs shall provide all functions of the MTP as defined in the applicable industry standard technical references.
- 9.4.3.6 **Message Screening**
  - 9.4.3.6.1 BellSouth shall set message screening parameters so as to accept valid messages from IDS Long Distance local or tandem switching systems destined to any signaling point within BellSouth's SS7 network where the IDS Long Distance switching system has a legitimate signaling relation.
  - 9.4.3.6.2 BellSouth shall set message screening parameters so as to pass valid messages from IDS Long Distance local or tandem switching systems destined to any signaling point or network accessed through BellSouth's SS7 network where the IDS Long Distance switching system has a legitimate signaling relation.
  - 9.4.3.6.3 BellSouth shall set message screening parameters so as to accept and pass/send valid messages destined to and from IDS Long Distance from any signaling point or network interconnected through BellSouth's SS7 network where the IDS Long Distance SCP has a legitimate signaling relation.
- 9.4.4 STPs shall be equal to or better than all of the requirements for STPs set forth in the applicable industry standard technical references.

## **9.5 Service Control Points/Databases**

### **9.5.1 Definition**

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

the results

9.5.2 A Service Control Point (SCP) is a specific type of Database functionality deployed in a Signaling System 7 (SS7) network that executes service application logic in response to SS7 queries sent to it by a switching system also connected to the SS7 network. Service Management Systems provide operational interfaces to allow for provisioning, administration and maintenance of subscriber data and service application data stored in SCPs.

9.5.3 Technical Requirements for SCPs/Databases

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

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

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

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

9.5.4 Database Availability

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

9.5.4.2 The operational interface provided by BellSouth shall complete Database transactions (i.e., add, modify, delete) for IDS Long Distance customer records stored in BellSouth databases within 3 days, or sooner where BellSouth provisions its own customer records within a shorter interval.

9.6 **Local Number Portability Database**

9.6.1 Definition

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

dictate the industry direction of PNP. BellSouth agrees to provide access to the PNP database at rates, terms and conditions as set forth by BellSouth and in accordance with an effective FCC or Commission directive.

**9.7 SS7 Network Interconnection**

**9.7.1 Definition.**

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

**9.7.3 Technical Requirements**

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

**9.7.3.1.1 BellSouth local or tandem switching systems;**

**9.7.3.1.2 BellSouth DBs; and**

**9.7.3.1.3 Other third-party local or tandem switching systems.**

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

**9.7.5 If traffic is routed based on dialed or translated digits between an IDS Long Distance 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 IDS Long Distance local STPs and BellSouth or other third-party local switch.**

**9.7.6 When the capability to route messages based on Intermediate Signaling Network Identifier (ISNI) is generally available on BellSouth STPs, the BellSouth SS7 Network shall also convey TCAP messages using SS7 Network Interconnection in similar circumstances where the BellSouth switch routes traffic based on a Carrier Identification Code (CIC).**

- 9.7.7 SS7 Network Interconnection shall provide all functions of the MTP as specified in ANSI T1.111. This includes:
  - 9.7.7.1 Signaling Data Link functions, as specified in ANSI T1.111.2;
  - 9.7.7.2 Signaling Link functions, as specified in ANSI T1.111.3; and
  - 9.7.7.3 Signaling Network Management functions, as specified in ANSI T1.111.4.
- 9.7.8 SS7 Network Interconnection shall provide all functions of the SCCP necessary for Class 0 (basic connectionless) service, as specified in ANSI T1.112. In particular, this includes Global Title Translation (GTT) and SCCP Management procedures, as specified in T1.112.4. Where the destination signaling point is a BellSouth switching system or DB, or is another third-party local or tandem switching system directly connected to the BellSouth SS7 network, SS7 Network Interconnection shall include final GTT of messages to the destination and SCCP Subsystem Management of the destination. Where the destination signaling point is an IDS Long Distance local or tandem switching system, SS7 Network Interconnection shall include intermediate GTT of messages to a gateway pair of IDS Long Distance local STPs, and shall not include SCCP Subsystem Management of the destination.
- 9.7.9 SS7 Network Interconnection shall provide all functions of the Integrated Services Digital Network User Part (ISDNUP), as specified in ANSI T1.113.
- 9.7.10 SS7 Network Interconnection shall provide all functions of the TCAP, as specified in ANSI T1.114.
- 9.7.11 If and when Internetwork MTP Routing Verification Test (MRVT) and SCCP Routing Verification Test (SRVT) become approved ANSI standards and available capabilities of BellSouth STPs, SS7 Network Interconnection shall provide these functions of the OMAP.
- 9.7.12 SS7 Network Interconnection shall be equal to or better than the following performance requirements:
  - 9.7.12.1 MTP Performance, as specified in ANSI T1.111.6;
  - 9.7.12.2 SCCP Performance, as specified in ANSI T1.112.5; and
  - 9.7.12.3 ISDNUP Performance, as specified in ANSI T1.113.5.
- 9.7.13 Interface Requirements

- 9.7.13.1 BellSouth shall offer the following SS7 Network Interconnection options to connect IDS Long Distance or IDS Long Distance-designated local or tandem switching systems or STPs to the BellSouth SS7 network:
- 9.7.13.1.1 A-link interface from IDS Long Distance local or tandem switching systems; and
- 9.7.13.1.2 B-link interface from IDS Long Distance STPs.
- 9.7.13.2 The Signaling Point of Interconnection (SPOI) for each link shall be located at a cross-connect element, such as a DSX-1, in the Central Office (CO) where the BellSouth STP is located. There shall be a DS1 or higher rate transport interface at each of the SPOIs. Each signaling link shall appear as a DS0 channel within the DS1 or higher rate interface. BellSouth shall offer higher rate DS1 signaling links for interconnecting IDS Long Distance local switching systems or STPs with BellSouth STPs as soon as these become approved ANSI standards and available capabilities of BellSouth STPs. BellSouth and IDS Long Distance will work jointly to establish mutually acceptable SPOI.
- 9.7.13.3 BellSouth CO shall provide intraoffice diversity between the SPOIs and the BellSouth STP, so that no single failure of intraoffice facilities or equipment shall cause the failure of both B-links in a layer connecting to a BellSouth STP. BellSouth and IDS Long Distance will work jointly to establish mutually acceptable SPOI.
- 9.7.13.4 The protocol interface requirements for SS7 Network Interconnection include the MTP, ISDNUP, SCCP, and TCAP. These protocol interfaces shall conform to the applicable industry standard technical references.
- 9.7.13.5 BellSouth shall set message screening parameters to accept messages from IDS Long Distance local or tandem switching systems destined to any signaling point in the BellSouth SS7 network with which the IDS Long Distance switching system has a legitimate signaling relation.
- 9.7.13.6 SS7 Network Interconnection shall be equal to or better than all of the requirements for SS7 Network Interconnection set forth in the applicable industry standard technical references.

## **9.8 Rates**

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

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

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

**10.2 Operator Systems**

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

**10.3 Operator Service**

10.3.1 Definition. Operator Service provides: (1) operator handling for call completion (for example, collect, third number billing, and manual credit card calls), (2) operator or automated assistance for billing after the end user has dialed the called number (for example, credit card calls); and (3) special services including but not limited to Busy Line Verification and Emergency Line Interrupt (ELI), Emergency Agency Call, Operator-assisted Directory Assistance, and Rate Quotes.

**10.3.2 Requirements**

10.3.2.1 When IDS Long Distance requests BellSouth to provide Operator Services, the following requirements apply:

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

10.3.2.1.2 BellSouth shall complete 0+ intraLATA toll calls.

10.3.2.1.3 BellSouth shall process calls that are billed to IDS Long Distance end user's calling card that can be validated by BellSouth.

10.3.2.1.4 BellSouth shall complete person-to-person calls.

10.3.2.1.5 BellSouth shall complete collect calls.

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

- 10.3.2.1.7 BellSouth shall complete station-to-station calls.
- 10.3.2.1.8 BellSouth shall process emergency calls.
- 10.3.2.1.9 BellSouth shall process Busy Line Verify and Emergency Line Interrupt requests.
- 10.3.2.1.10 BellSouth shall process emergency call trace, as they do for their End users prior to the Effective Date. Call must originate from a 911 provider.
- 10.3.2.1.11 BellSouth shall process operator-assisted directory assistance calls.
- 10.3.2.1.12 BellSouth shall adhere to equal access requirements, providing IDS Long Distance local end users the same IXC access as provided to BellSouth end users.
- 10.3.2.1.13 BellSouth shall exercise at least the same level of fraud control in providing Operator Service to IDS Long Distance that BellSouth provides for its own operator service.
- 10.3.2.1.14 BellSouth shall perform Billed Number Screening when handling Collect, Person-to-Person, and Billed-to-Third-Party calls.
- 10.3.2.1.15 BellSouth shall direct customer account and other similar inquiries to the customer service center designated by IDS Long Distance.
- 10.3.2.1.16 BellSouth shall provide a feed of customer call records in "EMI" format to IDS Long Distance in accordance with CLEC ODUF standards specified in Attachment 7.
- 10.3.3 Interface Requirements
- 10.3.3.1 With respect to Operator Services for calls that originate on local switching capability provided by or on behalf of IDS Long Distance, the interface requirements shall conform to the then current established system interface specifications for the platform used to provide Operator Service and the interface shall conform to industry standards.
- 10.4 Directory Assistance Service**
- 10.4.1 Definition. Directory Assistance Service provides local end user telephone number listings with the option to complete the call at the callers direction separate and distinct from local switching.
- 10.4.2 Requirements
- 10.4.3 Directory Assistance Service shall provide up to two listing requests per call. If available and if requested by IDS Long Distance's end user, BellSouth shall provide caller-optional directory assistance call completion service at rates contained in this

Attachment to one of the provided listings, equal to that which BellSouth provides its end users. If not available, IDS Long Distance may request such requirement pursuant to the Bona Fide Request/New Business Process as set forth in General Terms and Conditions.

10.4.4 Directory Assistance Service Updates

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

10.4.4.1.1 New end user connections: BellSouth will provide service to IDS Long Distance that is equal to the service it provides to itself and its end users;

10.4.4.1.2 End user disconnections: BellSouth will provide service to IDS Long Distance that is equal to the service it provides to itself and its end users; and

10.4.4.1.3 End user address changes: BellSouth will provide service to IDS Long Distance that is equal to the service it provides to itself and its end users;

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

10.4.5 Branding for Operator Call Processing and Directory Assistance

10.4.5.1 The BellSouth Operator Systems Branding Feature provides a definable announcement to IDS Long Distance end users using Directory Assistance (DA)/Operator Call Processing (OCP) prior to placing them in queue or connecting them to an available operator or automated operator system. This feature allows IDS Long Distance to have its calls custom branded with IDS Long Distance's name on whose behalf BellSouth is providing Directory Assistance and/or Operator Call Processing. Rates for Custom Branding, Operator Call Process and Directory Assistance are set forth in this Attachment.

10.4.5.2 BellSouth offers four service levels of branding to IDS Long Distance when ordering Directory Assistance and/or Operator Call Processing.

10.4.5.2.1 Service Level 1 - BellSouth Branding

10.4.5.2.2 Service Level 2 - Unbranded

10.4.5.2.3 Service Level 3 - Custom Branding

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

- 10.4.6 For Resellers and Use with an Unbundled Port
- 10.4.6.1 BellSouth Branding is the Default Service Level.
- 10.4.6.2 Unbranding, Custom Branding, and Self Branding require IDS Long Distance to order selective routing for each originating BellSouth end office identified by IDS Long Distance. Rates for Selective Routing are set forth in this Attachment.
- 10.4.6.3 Customer Branding and Self Branding require IDS Long Distance to order dedicated trunking from each BellSouth end office identified by IDS Long Distance, to either the BellSouth Traffic Operator Position System (TOPS) or IDS Long Distance Operator Service Provider. Rates for trunks are set forth in applicable BellSouth tariffs.
- 10.4.6.4 Unbranding - Unbranded Directory Assistance and/or Operator Call Processing calls ride common trunk groups provisioned by BellSouth from those end offices identified by IDS Long Distance to the BellSouth TOPS. These calls are routed to "No Announcement."
- 10.4.7 For Facilities Based Carriers
- 10.4.7.1 All Service Levels require IDS Long Distance to order dedicated trunking from their end office(s) point of interface to the BellSouth TOPS Switches. Rates for trunks are set forth in applicable BellSouth tariffs.
- 10.4.7.2 Customized Branding includes charges for the recording of the branding announcement and the loading of the audio units in each TOPS Switch, IVS and NAV equipment for which IDS Long Distance requires service.
- 10.4.8 Directory Assistance customized branding uses:
- 10.4.8.1 the recording of the name;
- 10.4.8.2 the front-end loading of the Digital Recorded Announcement Machine (DRAM) in each TOPS switch.
- 10.4.9 Operator Call Processing customized branding uses:
- 10.4.9.1 the recording of the name;
- 10.4.9.2 the front-end loading of the DRAM in the TOPS Switch;
- 10.4.9.3 the back-end loading in the audio units in the Automated Alternate Billing System (AABS), in the Interactive Voice Subsystem (IVS);

- 10.4.9.4 the 0- automation loading for the audio units in the Enhanced Billing and Access Service (EBAS) in the Network Applications Vehicle (NAV).
- 10.4.9.5 BellSouth will provide to IDS Long Distance purchasing local BellSouth switching and reselling BellSouth local exchange service, selective routing of calls to a requested directory assistance services platform or operator services platform. IDS Long Distance end users may use the same dialing arrangements as BellSouth end users, but obtain a IDS Long Distance branded service.

**10.5 Directory Assistance Database Service (DADS)**

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

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10.5.4 BellSouth is authorized to include IDS Long Distance Directory Assistance Listing Information in its Directory Assistance Database Service (DADS). Any other use by BellSouth of IDS Long Distance Directory Assistance Listing Information is not authorized and with the exception of a request for DADS, BellSouth shall refer any request for such information to IDS Long Distance.

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

## **10.6 Direct Access to Directory Assistance Service**

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

10.6.2 BellSouth will provide DADAS from its DA location. IDS Long Distance will access the DADAS system via a telephone company provided point of availability. IDS Long Distance has the responsibility of providing the physical links required to connect to the point of availability. These facilities may be purchased from the telephone company as rates and charges billed separately from the charges associated with this offering.

10.6.3 A specified interface to each IDS Long Distance subsystem will be provided by BellSouth. Interconnection between IDS Long Distance's system and a specified BellSouth location will be pursuant to the use of IDS Long Distance owned or IDS Long Distance leased facilities and shall be appropriate sized based upon the volume of queries being generated by IDS Long Distance.

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

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

10.6.4.2 DADAS to Subscriber Switch—Northern Telecom Document Q210-1 Version A107; NTDMS/CCIDAS System Application Protocol; and AT&T Document 250-900-535 Operator Services Position System Listing Service and Application Call Processing Data Link Interface Specification;

10.6.4.3 DADAS to Audio Subsystem (Optional)—Directory One Call Control to Audio Response Unit system interface specifications are available through Northern Telecom as a licensed access protocol—Northern Telecom Document 355-004424 and Gateway/Interactive Voice system Protocol Specification.

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

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

10.7.1 The ALI/DMS Database contains end user information (including name, address, telephone information, and sometimes special information from the local service provider or end user) used to determine to which Public Safety Answering Point (PSAP) to route the call. The ALI/DMS database is used to provide more routing flexibility for E911 calls than Basic 911. BellSouth shall provide the Emergency Services Database in accordance with the following:

10.7.2 Technical Requirements

10.7.2.1 BellSouth shall offer IDS Long Distance a data link to the ALI/DMS database or permit IDS Long Distance to provide its own data link to the ALI/DMS database. BellSouth shall provide error reports from the ALI/DMS database to IDS Long Distance immediately after IDS Long Distance inputs information into the ALI/DMS database. Alternately, IDS Long Distance may utilize BellSouth, to enter end user information into the data base on a demand basis, and validate end user information on a demand basis.

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

10.7.2.2.1 Name;

10.7.2.2.2 Address;

10.7.2.2.3 Telephone number; and

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

10.7.2.3 When BellSouth is responsible for administering the ALI/DMS database in its entirety, ported number NXXs entries for the ported numbers should be maintained unless IDS Long Distance requests otherwise and shall be updated if IDS Long Distance requests, provided IDS Long Distance supplies BellSouth with the updates.

10.7.2.4 When Remote Call Forwarding (RCF) is used to provide number portability to the local end user and a remark or other appropriate field information is available in the database, the shadow or "forwarded-to" number and an indication that the number is ported shall be added to the customer record.

10.7.2.5 If BellSouth is responsible for configuring PSAP features (for cases when the PSAP or BellSouth supports an ISDN interface) it shall ensure that CLASS Automatic Recall (Call Return) is not used to call back to the ported number. Although

BellSouth currently does not have ISDN interface, BellSouth agrees to comply with this requirement once ISDN interfaces are in place.

**10.7.3 Interface Requirements**

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

**10.8 Rates**

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

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

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

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

11.3 SCPs/Databases shall be equal to or better than all of the requirements for SCPs/Databases set forth in the applicable industry standard technical references.

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

11.4.1 BellSouth's Service Creation Environment and Service Management System (SCE/SMS) Advanced Intelligent Network (AIN) Access shall provide IDS Long Distance the capability that will allow IDS Long Distance and other third parties to create service applications in a BellSouth Service Creation Environment and deploy those applications in a BellSouth SMS to a BellSouth SCP. The third party service applications interact with AIN triggers provisioned on a BellSouth SSP.

11.4.2 BellSouth's SCE/SMS AIN Access shall provide access to SCE hardware, software, testing and technical support (e.g., help desk, system administrator) resources available to IDS Long Distance. Scheduling procedures shall provide IDS Long Distance equivalent priority to these resources.

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

11.4.3 When IDS Long Distance selects SCE/SMS AIN Access, BellSouth shall provide training, documentation, and technical support to enable IDS Long Distance to use BellSouth's SCE/SMS AIN Access to create and administer applications. Training, documentation, and technical support will address use of SCE and SMS access and administrative functions, but will not include support for the creation of a specific service application.

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

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

**11.5 Rates**

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

**12. Basic 911 and E911**

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

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

12.3 Definition

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

12.5 Requirements

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

12.5.2 E911 Service Provisioning. For E911 service, IDS Long Distance will be required to install a minimum of two dedicated trunks originating from the IDS Long Distance serving wire center and terminating to the appropriate E911 tandem. The dedicated trunks shall be, at a minimum, DS-0 level trunks configured either as a 2-wire analog interface or as part of a digital (1.544 Mb/s) interface. Either configuration shall use CAMA-type signaling with multifrequency ("MF") pulsing that will deliver automatic number identification ("ANI") with the voice portion of the call. If the user interface is digital, MF pulses, as well as other AC signals, shall be encoded per the u-255 Law convention. IDS Long Distance will be required to provide BellSouth daily updates to the E911 database. IDS Long Distance 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, IDS Long Distance will be required to route the call to a designated 7-digit local number residing in the appropriate Public Service Answering Point ("PSAP"). This call will be transported over BellSouth's interoffice network and will not carry the ANI of the calling party. IDS Long Distance shall be responsible for providing BellSouth with complete and accurate data for submission to the 911/E911 database for the purpose of providing 911/E911 to its end users.

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

### 13. **True-Up**

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

- 13.1 The interim prices for Network Elements and Other Services and Local Interconnection shall be subject to true-up according to the following procedures:
- 13.2 The interim prices shall be trued-up, either up or down, based on final prices determined either by further agreement between the Parties, or by a final order (including any appeals) of the Commission which final order meets the criteria of (3) below. The Parties shall implement the true-up by comparing the actual volumes and demand for each item, together with interim prices for each item, with the final prices determined for each item. Each Party shall keep its own records upon which the true-up can be based, and any final payment from one Party to the other shall be in an amount agreed upon by the Parties based on such records. In the event of any disagreement as between the records or the Parties regarding the amount of such true-up, the Parties agree that the body having jurisdiction over the matter shall be called upon to resolve such differences, or the Parties may mutually agree to submit the

matter to the Dispute Resolution process in accordance with the provisions of Section 16 of the General Terms and Conditions and Attachment 1 of the Agreement.

- 13.3 The Parties may continue to negotiate toward final prices, but in the event that no such Agreement is reached within nine (9) months, either Party may petition the Commission to resolve such disputes and to determine final prices for each item. Alternatively, upon mutual agreement, the Parties may submit the matter to the Dispute Resolution Process set forth in Section 16 of the General Terms and Conditions and Attachment 1 of the Agreement, so long as they file the resulting Agreement with the Commission as a "negotiated Agreement" under Section 252(e) of the Act.
- 13.4 A final order of this Commission that forms the basis of a true-up shall be the final order as to prices based on appropriate cost studies, or potentially may be a final order in any other Commission proceeding which meets the following criteria:
- (a) BellSouth and IDS Long Distance are entitled to be a full Party to the proceeding;
  - (b) It shall apply the provisions of the federal Telecommunications Act of 1996, including but not limited to Section 252(d)(1) (which contains pricing standards) and all then-effective implementing rules and regulations; and,
  - (c) It shall include as an issue the geographic deaveraging of network element and other services prices, which deaveraged prices, if any are required by said final order, shall form the basis of any true-up.

**EXHIBIT A**

**LINE INFORMATION DATA BASE (LIDB)  
STORAGE AGREEMENT**

**I. SCOPE**

- A. This Agreement sets forth the terms and conditions pursuant to which BellSouth agrees to store in its LIDB certain information at the request of IDS Long Distance and pursuant to which BellSouth, its LIDB customers and IDS Long Distance shall have access to such information. IDS Long Distance understands that BellSouth provides access to information in its LIDB to various telecommunications service providers pursuant to applicable tariffs and agrees that information stored at the request of IDS Long Distance, pursuant to this Agreement, shall be available to those telecommunications service providers. The terms and conditions contained in the attached Addendum(s) are hereby made a part of this Agreement as if fully incorporated herein.
- B. LIDB is accessed for the following purposes:
1. Billed Number Screening
  2. Calling Card Validation
  3. Fraud Control
- C. BellSouth will provide seven days per week, 24-hours per day, fraud monitoring on Calling Cards, bill-to-third and collect calls made to numbers in BellSouth's LIDB, provided that such information is included in the LIDB query. BellSouth will establish fraud alert thresholds and will notify IDS Long Distance of fraud alerts so that IDS Long Distance may take action it deems appropriate. IDS Long Distance understands and agrees BellSouth will administer all data stored in the LIDB, including the data provided by IDS Long Distance pursuant to this Agreement, in the same manner as BellSouth's data for BellSouth's end user customers. BellSouth shall not be responsible to IDS Long Distance 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.

IDS Long Distance understands that BellSouth currently has in effect numerous billing and collection agreements with various interexchange carriers and billing clearing houses. IDS Long Distance further understands that these billing and collection customers of BellSouth query BellSouth's LIDB to determine whether to accept various billing options from end users. Additionally, IDS Long Distance understands that presently BellSouth has no method to differentiate between

BellSouth's own billing and line data in the LIDB and such data which it includes in the LIDB on IDS Long Distance's behalf pursuant to this Agreement. Therefore, until such time as BellSouth can and does implement in its LIDB and its supporting systems the means to differentiate IDS Long Distance's data from BellSouth's data and the Parties to this Agreement execute appropriate amendments hereto, the following terms and conditions shall apply:

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

## **II. TERM**

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

## **III. FEES FOR SERVICE AND TAXES**

- A. IDS Long Distance will not be charged a fee for storage services provided by BellSouth to IDS Long Distance, as described in Section I of this Agreement.

- B. Sales, use and all other taxes (excluding taxes on BellSouth's income) determined by BellSouth or any taxing authority to be due to any federal, state or local taxing jurisdiction with respect to the provision of the service set forth herein will be paid by IDS Long Distance. IDS Long Distance shall have the right to have BellSouth contest with the imposing jurisdiction, at IDS Long Distance's expense, any such taxes that IDS Long Distance deems are improperly levied.

#### **IV. INDEMNIFICATION**

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

#### **V. LIMITATION OF LIABILITY**

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

#### **VI. MISCELLANEOUS**

- A. It is understood and agreed to by the Parties that BellSouth may provide similar services to other companies.
- B. All terms, conditions and operations under this Agreement shall be performed in accordance with, and subject to, all applicable local, state or federal legal and regulatory tariffs, rulings, and other requirements of the federal courts, the U. S. Department of Justice and state and federal regulatory agencies. Nothing in this

Agreement shall be construed to cause either Party to violate any such legal or regulatory requirement and either Party's obligation to perform shall be subject to all such requirements.

- C. IDS Long Distance agrees to submit to BellSouth all advertising, sales promotion, press releases, and other publicity matters relating to this Agreement wherein BellSouth's corporate or trade names, logos, trademarks or service marks or those of BellSouth's affiliated companies are mentioned or language from which the connection of said names or trademarks therewith may be inferred or implied; and IDS Long Distance further agrees not to publish or use advertising, sales promotions, press releases, or publicity matters without BellSouth's prior written approval.
- D. This Agreement constitutes the entire Agreement between IDS Long Distance and BellSouth which supersedes all prior Agreements or contracts, oral or written representations, statements, negotiations, understandings, proposals and undertakings with respect to the subject matter hereof.
- E. Except as expressly provided in this Agreement, if any part of this Agreement is held or construed to be invalid or unenforceable, the validity of any other Section of this Agreement shall remain in full force and effect to the extent permissible or appropriate in furtherance of the intent of this Agreement.
- F. Neither Party shall be held liable for any delay or failure in performance of any part of this Agreement for any cause beyond its control and without its fault or negligence, such as acts of God, acts of civil or military authority, government regulations, embargoes, epidemics, war, terrorist acts, riots, insurrections, fires, explosions, earthquakes, nuclear accidents, floods, strikes, power blackouts, volcanic action, other major environmental disturbances, unusually severe weather conditions, inability to secure products or services of other persons or transportation facilities, or acts or omissions of transportation common carriers.
- G. This Agreement shall be deemed to be a contract made under the laws of the State of Georgia, and the construction, interpretation and performance of this Agreement and all transactions hereunder shall be governed by the domestic law of such State.

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

This is a Facilities Based Addendum to the Line Information Data Base Storage Agreement dated \_\_\_\_\_, between BellSouth Telecommunications, Inc. ("BellSouth"), and \_\_\_\_\_ ("IDS Long Distance"), effective the \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_.

**I. GENERAL**

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

**II. DEFINITIONS**

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

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

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

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

### **IV. COMPLIANCE**

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

## EXHIBIT B

### CALLING NAME DELIVERY (CNAM) DATABASE SERVICES

#### 1. Definitions

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

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

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

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

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

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

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

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

#### 2. Attachment

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

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

**3. Physical Connection and Compensation**

3.1 BellSouth's provision of CNAM Database Services to IDS Long Distance requires interconnection from IDS Long Distance to BellSouth CNAM Service Control Points (SCPs). Such interconnections shall be established pursuant to Attachment 3 of this Agreement. The appropriate charge for access to and use of the BellSouth CNAM Database service shall be as set forth in this Attachment.

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

3.3 If IDS Long Distance elects to access the BellSouth CNAM SCP via a third party CCS7 transport provider, the third party CCS7 provider shall interconnect with the BellSouth CCS7 network according to BellSouth's Common Channel Signaling Interconnection Guidelines and Telcordia (formerly BellCore)'s CCS Network Interface Specification document, TR-TSV-000905. In addition, the third party provider shall establish CCS7 interconnection at the BellSouth Local Signal Transfer Points (LSTPs) serving the BellSouth CNAM SCPs that IDS Long Distance desires to query.

**3.4 Out-Of-Region Customers**

If the customer queries the BellSouth CNAM SCP via a third party national SS7 transport provider, the third party SS7 provider shall interconnect with the BellSouth CCS7 network according to BellSouth's Common Channel Signaling Interconnection Guidelines and Telcordia's (formerly BellCore's) CCS Network Interface Specification document, TR-TSV-000905. In addition, the third party provider shall establish SS7 interconnection at one or more of the BellSouth Gateway Signal Transfer Points (STPs). The payment of all costs associated with the transport of SS7 signals via a third party will be established by mutual agreement of the Parties in writing and shall, by this reference become an integral part of this Agreement.

**4. CNAM Record Initial Load and Updates**

- 4.1 The mechanism to be used by IDS Long Distance for initial CNAM record load and/or updates shall be determined by mutual agreement. The initial load and all updates shall be provided by IDS Long Distance in the BellSouth specified format and shall contain records for every working telephone number that can originate phone calls. It is the responsibility of IDS Long Distance to provide accurate information to BellSouth on a current basis.
- 4.2 Updates to the SMS shall occur no less than once a week, reflect service order activity affecting either name or telephone number, and involve only record additions, deletions or changes.
- 4.3 IDS Long Distance CNAM records provided for storage in the BellSouth CNAM SCP shall be available, on a SCP query basis only, to all Parties querying the BellSouth CNAM SCP. Further, CNAM service shall be provided by each Party consistent with state and/or federal regulation.

BELLSOUTH/ADS LONG DISTANCE RATES  
NETWORK ELEMENTS  
AND OTHER SERVICES

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

BELL SOUTH/WIS LONG DISTANCE RATES  
NETWORK ELEMENTS  
AND OTHER SERVICES

	NRC - Disconnect Charge - Add'l	UNDAX	\$1.44	NA	NA	NA	\$2.01	\$2.84	NA	NA	NA
	NRC - Incremental Charge - Manual Service Order - 1st	SOMAN	\$27.37	NA	\$18.94	NA	\$18.14	\$25.52	NA	\$44.06	NA
	NRC - Incremental Charge - Manual Service Order - Add'l	SOMAN	\$12.97	NA	\$8.42	NA	\$8.06	\$11.34	NA	\$13.55	NA
	NRC - Incremental Charge - Manual Service Order - Disconnect	SOMAN	\$17.77	NA	NA	NA	\$11.41	\$16.06	NA	NA	NA
<b>NID per 4-Wire 56 Kbps Dig Grade Loop</b>											
	NRC - 1st	UNDAX	\$1.30	NA	\$1.21	NA	\$1.21	\$1.34	NA	NA	NA
	NRC - Add'l	UNDAX	\$1.44	NA	\$2.10	NA	\$2.02	\$2.84	NA	\$1.25	NA
	NRC - Disconnect Charge - 1st	UNDAX	\$1.44	NA	\$2.10	NA	\$2.02	\$2.84	NA	\$1.35	NA
	NRC - Disconnect Charge - Add'l	UNDAX	\$1.44	NA	NA	NA	\$2.01	\$2.84	NA	NA	NA
	NRC - Incremental Charge - Manual Service Order - 1st	SOMAN	\$27.37	NA	\$18.94	NA	\$18.14	\$25.52	NA	\$44.06	NA
	NRC - Incremental Charge - Manual Service Order - Add'l	SOMAN	\$12.97	NA	\$8.42	NA	\$8.06	\$11.34	NA	\$13.55	NA
	NRC - Incremental Charge - Manual Service Order - Disconnect	SOMAN	\$17.77	NA	NA	NA	\$11.41	\$16.06	NA	NA	NA
<b>NID per 4-Wire 64 Kbps Dig Grade Loop</b>											
	NRC - 1st	UNDAX	\$1.30	NA	\$1.21	NA	\$1.21	\$1.34	NA	NA	NA
	NRC - Add'l	UNDAX	\$1.44	NA	\$2.10	NA	\$2.02	\$2.84	NA	\$1.35	NA
	NRC - Disconnect Charge - 1st	UNDAX	\$1.44	NA	\$2.10	NA	\$2.02	\$2.84	NA	\$1.35	NA
	NRC - Disconnect Charge - Add'l	UNDAX	\$1.44	NA	NA	NA	\$2.01	\$2.84	NA	NA	NA
	NRC - Incremental Charge - Manual Svc Ord - 1st	SOMAN	\$27.37	NA	\$18.94	NA	\$18.14	\$25.52	NA	\$44.06	NA
	NRC - Incremental Charge - Manual Svc Ord - Add'l	SOMAN	\$12.97	NA	\$8.42	NA	\$8.06	\$11.34	NA	\$13.55	NA
	NRC - Incremental Charge - Manual Svc Ord - Disconnect	SOMAN	\$17.77	NA	NA	NA	\$11.41	\$16.06	NA	NA	NA
<b>NID Unbundled Copper Loop, per month</b>											
	NRC - 1st	UNDAX	\$1.55	\$1.55	\$1.55	\$1.55	\$1.55	\$1.55	\$1.55	\$1.55	\$1.55
	NRC - Add'l	UNDAX	\$5.60	\$5.60	\$5.60	\$5.60	\$5.60	\$5.60	\$5.60	\$5.60	\$5.60
	NRC - Disconnect Charge - 1st	UNDAX	\$5.60	\$5.60	\$5.60	\$5.60	\$5.60	\$5.60	\$5.60	\$5.60	\$5.60
	NRC - Disconnect Charge - Add'l	UNDAX	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NRC - Incremental Charge - Manual Svc. Ord - 1st	SOMAN	\$47.00	\$47.00	\$47.00	\$47.00	\$47.00	\$47.00	\$47.00	\$47.00	\$47.00
	NRC - Incremental Charge - Manual Svc. Ord - Add'l	SOMAN	\$21.00	\$21.00	\$21.00	\$21.00	\$21.00	\$21.00	\$21.00	\$21.00	\$21.00
	NRC - Incremental Charge - Manual Svc. Ord - Disconnect	SOMAN	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Nonrecurring Charge - customer transfer, feature additions, changes (1)		\$5.00	NA	NA	NA	NA	\$5.00	NA	NA	NA
<b>LOOP, EXCLUDING NID</b>											
<b>2-Wire Analog VG Loop (Standard), per month</b>											
	NRC - 1st	TBD	NA	NA	NA	\$18.20	NA	NA	NA	NA	NA
	NRC - Add'l		NA	NA	NA	\$86.08	NA	NA	NA	NA	NA
<b>2-Wire Analog VG Loop (Customized), per month</b>											
	NRC - 1st	TBD	NA	NA	NA	\$58.57	NA	NA	NA	NA	NA
	NRC - Add'l		NA	NA	NA	\$236.75	NA	NA	NA	NA	NA
<b>4-Wire Analog VG Loop (Standard), per month</b>											
	NRC - 1st	TBD	NA	NA	NA	\$177.10	NA	NA	NA	NA	NA
	NRC - Add'l		NA	NA	NA	\$457.14	NA	NA	NA	NA	NA
<b>2-Wire ISDN Digital Grade Loop (Standard), per month</b>											
	NRC - 1st	TBD	NA	NA	NA	\$348.83	NA	NA	NA	NA	NA
	NRC - Add'l		NA	NA	NA	\$541.28	NA	NA	NA	NA	NA
<b>2-Wire ADSL Loop (Standard), per month</b>											
	NRC - 1st	TBD	NA	NA	NA	\$431.81	NA	NA	NA	NA	NA
	NRC - Add'l		NA	NA	NA	\$10.63	NA	NA	NA	NA	NA
<b>2-Wire HDSL Loop (Standard), per month</b>											
	NRC - 1st	TBD	NA	NA	NA	\$713.50	NA	NA	NA	NA	NA
	NRC - Add'l		NA	NA	NA	\$609.44	NA	NA	NA	NA	NA
<b>4-Wire HDSL Loop (Standard), per month</b>											
	NRC - 1st	TBD	NA	NA	NA	\$7.40	NA	NA	NA	NA	NA
	NRC - Add'l		NA	NA	NA	\$713.50	NA	NA	NA	NA	NA
	NRC - 1st	TBD	NA	NA	NA	\$809.44	NA	NA	NA	NA	NA
	NRC - Add'l		NA	NA	NA	\$9.70	NA	NA	NA	NA	NA

BELLSOUTH/IDS LONG DISTANCE RATES  
NETWORK ELEMENTS  
AND OTHER SERVICES

	NRC - 1st		NA	NA	NA	\$748.93	NA	NA	NA	NA	NA
	NRC - Add'l		NA	NA	NA	\$648.17	NA	NA	NA	NA	NA
<b>LOOP, INCLUDING NID</b>											
<b>2-Wire Analog VG Loop</b>											
	RC - Statewide, per month	UEAL2	NA	\$17.00	NA	NA	NA	NA	\$16.71	NA	\$18.00
	RC - Zone 1, per month (Note 2)	TBD	NA	\$13.75	NA	NA	NA	NA	TBD	NA	\$15.54
	RC - Zone 2, per month (Note 2)	TBD	NA	\$20.13	NA	NA	NA	NA	TBD	NA	\$19.55
	RC - Zone 3, per month (Note 2)	TBD	NA	\$44.40	NA	NA	NA	NA	TBD	NA	\$28.02
	RC - Zone 4, per month (Note 2)	TBD	NA	NA	NA	NA	NA	NA	TBD	NA	NA
	NRC - 1st	UEAL2	NA	\$140.00	NA	NA	NA	NA	\$86.50	NA	\$58.50
	NRC - Add'l	UEAL2	NA	\$42.00	NA	NA	NA	NA	\$27.80	NA	\$31.00
	NRC - Incremental Charge - Order Coordination - Time Specific (per LSR)	OCOSL	NA	\$55.00	NA	NA	NA	NA	\$55.00	NA	\$55.00
<b>2-Wire Analog VG Loop-SL1</b>											
	RC - Statewide, per month	UEAL2	\$19.04	\$17.00	\$18.51	NA	\$19.35	\$21.26	\$16.71	\$22.49	\$18.00
	RC - Zone 1, per month (Note 2)	TBD	\$16.90	\$13.75	\$14.21	NA	\$15.82	\$15.58	TBD	\$18.48	\$15.54
	RC - Zone 2, per month (Note 2)	TBD	\$21.76	\$20.13	\$18.41	NA	\$21.75	\$20.65	TBD	\$27.87	\$19.55
	RC - Zone 3, per month (Note 2)	TBD	\$28.48	\$44.40	\$26.08	NA	\$32.93	\$34.77	TBD	\$36.91	\$28.02
	RC - Zone 4, per month (Note 2)	TBD	NA	NA	NA	NA	NA	\$45.88	NA	NA	NA
	NRC - 1st	UEAL2	\$59.03	\$80.00	\$42.54	NA	\$40.69	\$58.25	\$86.50	\$70.44	\$78.93
	NRC - Add'l	UEAL2	\$43.14	\$55.00	\$31.33	NA	\$29.66	\$43.67	\$27.80	\$44.05	\$50.98
	NRC - Disconnect Charge - 1st	UEAL2	\$15.21	NA	NA	NA	\$16.48	\$16.35	NA	NA	NA
	NRC - Disconnect Charge - Add'l	UEAL2	\$3.22	NA	NA	NA	\$3.36	\$4.06	NA	NA	NA
	NRC - Incremental Charge - Manual Service Order - 1st	SOMAN	\$27.37	NA	\$18.94	NA	\$18.14	\$25.52	NA	\$44.22	NA
	NRC - Incremental Charge - Manual Service Order - Add'l	SOMAN	\$12.97	NA	\$8.42	NA	\$8.06	\$11.34	NA	\$13.55	NA
	NRC - Incremental Charge - Manual Service Order - Disconnect	SOMAN	\$17.77	NA	NA	NA	\$11.41	\$16.06	NA	NA	NA
	Loop Make-Up	UEANM	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
<b>2-Wire Analog VG Loop-SL2 w/loop or ground start signaling</b>											
	RC - Statewide, per month	UEAL2	\$22.43	\$17.00	\$19.57	NA	\$22.84	\$25.05	\$25.89	\$26.25	\$26.02
	RC - Zone 1, per month (Note 2)	TBD	\$19.90	\$13.75	\$16.84	NA	\$18.67	\$18.35	TBD	\$21.57	\$22.46
	RC - Zone 2, per month (Note 2)	TBD	\$25.63	\$20.13	\$19.45	NA	\$25.67	\$24.33	TBD	\$32.53	\$28.27
	RC - Zone 3, per month (Note 2)	TBD	\$33.55	\$44.40	\$30.92	NA	\$38.86	\$34.77	TBD	\$43.08	\$40.51
	RC - Zone 4, per month (Note 2)	TBD	NA	NA	NA	NA	NA	NA	TBD	NA	NA
	NRC - 1st	UEAL2	\$145.46	\$140.00	\$104.17	NA	\$99.69	\$144.01	\$192.64	\$178.12	\$192.97
	NRC - Add'l	UEAL2	\$108.40	\$42.00	\$78.10	NA	\$74.73	\$107.70	\$140.49	\$128.80	\$140.72
	NRC - Disconnect Charge - 1st	UEAL2	\$40.31	NA	NA	NA	\$28.73	\$40.98	NA	NA	NA
	NRC - Disconnect Charge - Add'l	UEAL2	\$26.01	NA	NA	NA	\$18.87	\$26.95	NA	NA	NA
	NRC - Incremental Charge - Manual Service Order - 1st	SOMAN	\$27.37	NA	\$18.94	NA	\$18.14	\$25.52	NA	\$44.22	NA
	NRC - Incremental Charge - Manual Service Order - Add'l	SOMAN	\$12.97	NA	\$8.42	NA	\$8.06	\$11.34	NA	\$13.55	NA
	NRC - Incremental Charge - Manual Service Order - Disconnect	SOMAN	\$17.77	NA	NA	NA	\$11.41	\$26.95	NA	NA	NA
	NRC - Incremental Charge - Order Coordination - Time Specific (per LSR)	OCOSL	\$45.99	\$55.00	\$34.22	NA	\$32.77	\$45.27	\$55.00	\$45.43	\$55.00
<b>2-Wire Analog VG Loop-SL2 w/ reverse battery signaling</b>											
	RC - Statewide, per month	UEAR2	\$22.43	\$17.00	\$19.57	NA	\$22.84	\$25.05	\$25.89	\$26.25	\$26.02
	RC - Zone 1, per month (Note 2)	TBD	\$19.90	\$13.75	\$16.84	NA	\$18.67	\$18.35	TBD	\$21.57	\$22.46
	RC - Zone 2, per month (Note 2)	TBD	\$25.63	\$20.13	\$19.45	NA	\$25.67	\$24.33	TBD	\$32.53	\$28.27
	RC - Zone 3, per month (Note 2)	TBD	\$33.55	\$44.40	\$30.92	NA	\$38.86	\$34.77	TBD	\$43.08	\$40.51
	RC - Zone 4, per month (Note 2)	TBD	NA	NA	NA	NA	NA	\$45.88	NA	NA	NA
	NRC - 1st	UEAR2	\$145.46	\$140.00	\$104.17	NA	\$99.69	\$144.01	\$192.64	\$178.12	\$192.97
	NRC - Add'l	UEAR2	\$108.40	\$42.00	\$78.10	NA	\$74.73	\$107.70	\$140.49	\$128.80	\$140.72
	NRC - Disconnect Charge - 1st	UEAR2	\$40.31	NA	NA	NA	\$28.73	\$40.98	NA	NA	NA
	NRC - Disconnect Charge - Add'l	UEAR2	\$26.01	NA	NA	NA	\$18.87	\$26.95	NA	NA	NA

BELLSOUTH'S LONG DISTANCE RATES  
NETWORK ELEMENTS  
AND OTHER SERVICES

	NRC - Incremental Charge - Manual Service Order - 1st	SOMAN	\$27.37	NA	\$18.94	NA	\$18.14	\$25.52	NA	\$44.42	NA
	NRC - Incremental Charge - Manual Service Order - Add'l	SOMAN	\$12.97	NA	\$8.42	NA	\$8.06	\$11.34	NA	\$13.55	NA
	NRC - Incremental Charge - Manual Service Order - Disconnect	SOMAN	\$17.77	NA	NA	NA	\$11.41	\$26.95	NA	NA	NA
	NRC - Incremental Charge - Order Coordination - Time Specific (per LSR)	OCOCL	\$45.99	\$55.00	\$34.22	NA	\$32.77	\$45.27	\$55.00	\$45.43	\$55.00
	<b>2-Wire Analog VG Loop (Standard)</b>										
	RC - Statewide, per month	UEAL2	NA	NA	NA	\$20.00	NA	NA	NA	NA	NA
	RC - Zone 1, per month (Note 2)	TBD	NA	NA	NA	\$14.79	NA	NA	NA	NA	NA
	RC - Zone 2, per month (Note 2)	TBD	NA	NA	NA	\$27.68	NA	NA	NA	NA	NA
	RC - Zone 3, per month (Note 2)	TBD	NA	NA	NA	\$47.78	NA	NA	NA	NA	NA
	RC - Zone 4, per month (Note 2)	TBD	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NRC - 1st	UEAL2	NA	NA	NA	\$66.08	NA	NA	NA	NA	NA
	NRC - Add'l	UEAL2	NA	NA	NA	\$58.57	NA	NA	NA	NA	NA
	NRC - Loop Make-up	UEANM	NA	NA	NA	TBD	NA	NA	NA	NA	NA
	NRC - Manual Order Coordination	UEAMC	NA	NA	NA	TBD	NA	NA	NA	NA	NA
	NRC - Incremental Charge - Order Coordination - Time Specific (per LSR)	OCOSL	NA	NA	NA	\$55.00	NA	NA	NA	NA	NA
	<b>2-Wire Analog VG Loop (Customized), w/ loop or ground start signaling</b>										
	RC - Statewide, per month	UEAL2	NA	NA	NA	\$23.35	NA	NA	NA	NA	NA
	RC - Zone 1, per month (Note 2)	TBD	NA	NA	NA	\$17.27	NA	NA	NA	NA	NA
	RC - Zone 2, per month (Note 2)	TBD	NA	NA	NA	\$32.32	NA	NA	NA	NA	NA
	RC - Zone 3, per month (Note 2)	TBD	NA	NA	NA	\$55.78	NA	NA	NA	NA	NA
	RC - Zone 4, per month (Note 2)	TBD	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NRC - 1st	UEAL2	NA	NA	NA	\$236.75	NA	NA	NA	NA	NA
	NRC - Add'l	UEAL2	NA	NA	NA	\$177.10	NA	NA	NA	NA	NA
	NRC - Incremental Charge - Order Coordination - Time Specific (per LSR)	OCOSL	NA	NA	NA	\$55.00	NA	NA	NA	NA	NA
	<b>2-Wire Analog VG Loop (Customized), w/ reverse battery signaling</b>										
	RC - Statewide, per month	UEAR2	NA	NA	NA	\$23.35	NA	NA	NA	NA	NA
	RC - Zone 1, per month (Note 2)	TBD	NA	NA	NA	\$17.27	NA	NA	NA	NA	NA
	RC - Zone 2, per month (Note 2)	TBD	NA	NA	NA	\$32.32	NA	NA	NA	NA	NA
	RC - Zone 3, per month (Note 2)	TBD	NA	NA	NA	\$55.78	NA	NA	NA	NA	NA
	RC - Zone 4, per month (Note 2)	TBD	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NRC - 1st	UEAR2	NA	NA	NA	\$236.75	NA	NA	NA	NA	NA
	NRC - Add'l	UEAR2	NA	NA	NA	\$177.10	NA	NA	NA	NA	NA
	NRC - Incremental Charge - Order Coordination - Time Specific (per LSR)	OCOSL	NA	NA	NA	\$55.00	NA	NA	NA	NA	NA
	<b>4-Wire Analog VG Loop</b>										
	RC - Statewide, per month	UEAL4	\$30.00	\$30.00	\$25.86	NA	\$31.52	\$30.55	\$27.20	\$35.86	\$18.00
	RC - Zone 1, per month (Note 2)	TBD	\$26.62	\$24.28	\$22.28	NA	\$25.76	\$22.38	TBD	\$29.47	\$15.54
	RC - Zone 2, per month (Note 2)	TBD	\$34.28	\$35.51	\$25.70	NA	\$35.42	\$29.67	TBD	\$44.44	\$19.55
	RC - Zone 3, per month (Note 2)	TBD	\$44.87	\$78.35	\$40.85	NA	\$53.63	\$42.40	TBD	\$58.85	\$28.02
	RC - Zone 4, per month (Note 2)	TBD	NA	NA	NA	NA	NA	\$55.96	NA	NA	NA
	NRC - 1st	UEAL4	\$293.70	\$141.00	\$206.95	NA	\$198.10	\$289.06	\$86.50	\$383.39	\$58.50
	NRC - Add'l	UEAL4	\$241.76	\$43.00	\$170.57	NA	\$163.26	\$238.19	\$27.80	\$286.77	\$31.00
	NRC - Disconnect Charge - 1st	UEAL4	\$108.96	NA	NA	NA	\$74.27	\$108.14	NA	NA	NA
	NRC - Disconnect Charge - Add'l	UEAL4	\$57.01	NA	NA	NA	\$39.44	\$57.28	NA	NA	NA
	NRC - Incremental Charge - Manual Service Order - 1st	SOMAN	\$27.37	NA	\$18.94	NA	\$18.14	\$25.52	NA	\$44.06	NA
	NRC - Incremental Charge - Manual Service Order - Add'l	SOMAN	\$12.97	NA	\$8.42	NA	\$8.06	\$11.34	NA	\$13.55	NA
	NRC - Incremental Charge - Manual Service Order - Disconnect	SOMAN	\$17.77	NA	NA	NA	\$11.41	\$16.06	NA	NA	NA
	NRC - Incremental Charge - Order Coordination - Time Specific (per LSR)	OCOSL	\$45.99	\$55.00	\$34.22	NA	\$32.77	\$45.27	\$55.00	\$45.43	\$55.00
	<b>4-Wire Analog VG Loop (Standard)</b>										
	RC - Statewide, per month	UEAL4	NA	NA	NA	\$28.28	NA	NA	NA	NA	NA
	RC - Zone 1, per month (Note 2)	TBD	NA	NA	NA	\$20.92	NA	NA	NA	NA	NA
	RC - Zone 2, per month (Note 2)	TBD	NA	NA	NA	\$39.14	NA	NA	NA	NA	NA

BELLSOUTH/DS LONG DISTANCE RATES  
NETWORK ELEMENTS  
AND OTHER SERVICES

NRC - DS1 Interoffice Channel - Facility Termination - 1st	SOMAC	NA	\$45.91	\$166.01	NA	\$186.69	NA	\$256.40	NA	\$195.68
NRC - DS1 Interoffice Channel - Facility Termination - Add'l	SOMAC	NA	\$44.18	\$130.69	NA	\$149.23	NA	\$202.67	NA	\$156.47
DS1 Loop/DS3 Interoffice Channel - Dedicated Transport EEL										
DS1 Loop, per month, statewide	USLXX	\$64.65	\$80.00	\$60.88	\$67.96	\$72.86	\$69.59	\$151.50	\$72.55	TBD
DS1 Loop, per month, Zone 1 (Note 1)	TBD	NA	NA	\$52.40	NA	NA	NA	NA	NA	NA
DS1 Loop, per month, Zone 2 (Note 1)	TBD	NA	NA	\$60.51	NA	NA	NA	NA	NA	NA
DS1 Loop, per month, Zone 3 (Note 1)	TBD	NA	NA	\$96.18	NA	NA	NA	NA	NA	NA
DS1 Loop, per month, Zone 4 (Note 1)	TBD	NA	NA	NA	NA	NA	NA	NA	NA	NA
DS3 Interoffice Channel - Dedicated Transport EEL - Per Mile per month	1L5XX	\$11.93	\$10.25	\$6.46	\$12.06	\$16.15	\$13.48	\$11.62	\$19.14	\$6.88
DS3 Interoffice Channel - Dedicated Transport EEL - Facility Termination per month	U1TF3	736.6	994.83	\$717.60	\$1,112.02	\$1,131.09	\$686.84	\$815.01	\$904.49	\$840.61
DS3 Channelization System per system per month	MQ3	\$210.87	\$213.22	\$202.91	\$236.32	\$245.84	\$229.30	\$226.81	\$204.07	\$225.59
DS3 Channelization Interface - DS1 per month	1PQE1	\$4.53	\$6.31	\$0.87	\$8.52	\$7.55	\$5.58	\$4.61	\$9.69	\$3.91
NRC - Switch As Is - EEL - 1st	UNCCC	\$14.37	\$16.86	\$12.97	\$16.86	\$12.70	\$15.41	\$16.86	\$28.87	\$16.86
NRC - Switch As Is - EEL - Add'l	UNCCC	\$13.33	\$15.48	\$11.27	\$15.48	\$11.10	\$13.33	\$15.48	\$28.35	\$15.48
NRC - Switch As Is - EEL - Disconnect - 1st	UNCCC	\$15.21	\$13.92	\$12.61	\$13.92	\$12.66	\$15.21	\$13.92	TBA	\$13.92
NRC - Switch As Is - EEL - Disconnect - Add'l	UNCCC	\$15.21	\$13.92	\$12.61	\$13.92	\$12.66	\$15.21	\$13.92	TBA	\$13.92
NRC - Switch As Is - EEL - Manual vs. Elect - 1st	SOMAC	\$56.43	\$51.31	\$45.46	\$51.31	\$42.70	\$55.41	\$51.31	\$56.54	\$51.31
NRC - Switch As Is - EEL - Manual vs. Elect - Add'l	SOMAC	\$19.15	\$17.56	\$15.72	\$17.56	\$14.77	\$19.16	\$17.56	\$19.02	\$17.56
INTERIM NRCs FOR NEW EEL SUBJECT TO TRUE-UP:										
NRC - DS1 Loop - 1st	SOMAC	NA	NA	\$53.46	NA	NA	NA	NA	NA	NA
NRC - DS1 Loop - Add'l	SOMAC	NA	NA	\$319.54	NA	NA	NA	NA	NA	NA
NRC - DS3 - Interoffice Channel - Facility Termination - 1st	SOMAC	NA	\$879.42	\$959.44	NA	\$882.49	NA	\$621.62	NA	\$905.50
NRC - DS3 - Interoffice Channel - Facility Termination - Add'l	SOMAC	NA	\$542.41	\$823.26	NA	\$573.28	NA	\$587.08	NA	\$565.26
NRC - DS3 Channelization System - 1st	SOMAC	NA	\$408.24	\$453.17	NA	\$413.85	NA	\$428.07	NA	\$423.18
NRC - DS3 Channelization System - Add'l	SOMAC	NA	\$301.27	\$320.09	NA	\$292.33	NA	\$298.37	NA	\$298.48
NRC - DS3 Channelization System DS1 Interface - 1st	SOMAC	NA	\$13.39	\$13.45	NA	\$12.29	NA	\$15.76	NA	\$12.61
NRC - DS3 Channelization System DS1 Interface - Add'l	SOMAC	NA	\$9.59	\$9.63	NA	\$8.80	NA	\$11.28	NA	\$9.03
DS-1 Interoffice Channel/ DS-3 Interoffice Channel - Dedicated Transport EEL										
Interoffice Channel per month	TMECS	\$35.52	\$44.35	\$38.57	\$43.80	\$43.80	\$38.91	\$35.69	\$37.20	\$40.27
Interoffice Channel - Dedicated Transport EEL - Per Mile per month	1L5XX	\$11.93	\$10.25	\$6.46	\$12.06	\$16.15	\$13.48	\$11.62	\$19.14	\$6.88
Interoffice Channel - Dedicated Transport EEL - Facility Termination per month	U1TF3	\$736.60	\$994.83	\$717.60	\$1,112.02	\$1,131.09	\$686.84	\$815.01	\$904.49	\$840.61
Channelization System per system per month	MQ3	\$210.87	\$213.22	\$202.91	\$2.94	\$3.12	\$2.86	\$2.88	\$3.36	\$2.46
Channelization Interface - DS1 per month	1PQE1	\$4.53	\$6.31	\$0.67	\$1.40	\$1.62	\$1.45	\$1.64	\$1.93	\$1.25
NRC - Switch As Is - EEL - 1st	UNCCC	\$14.37	\$16.86	\$12.97	\$16.86	\$12.70	\$15.41	\$16.86	\$28.87	\$16.86
NRC - Switch As Is - EEL - Add'l	UNCCC	\$13.33	\$15.48	\$11.27	\$15.48	\$11.10	\$13.33	\$15.48	\$28.35	\$15.48
NRC - Switch As Is - EEL - Disconnect - 1st	UNCCC	\$15.21	\$13.92	\$12.61	\$13.92	\$12.66	\$15.21	\$13.92	TBA	\$13.92
NRC - Switch As Is - EEL - Disconnect - Add'l	UNCCC	\$15.21	\$13.92	\$12.61	\$13.92	\$12.66	\$15.21	\$13.92	TBA	\$13.92
NRC - Switch As Is - EEL - Manual vs. Elect - 1st	SOMAC	\$56.43	\$51.31	\$45.46	\$51.31	\$42.70	\$55.41	\$51.31	\$56.54	\$51.31
NRC - Switch As Is - EEL - Manual vs. Elect - Add'l	SOMAC	\$19.15	\$17.56	\$15.72	\$17.56	\$14.77	\$19.16	\$17.56	\$19.02	\$17.56
INTERIM NRCs FOR NEW EEL SUBJECT TO TRUE-UP:										
NRC - DS1 Local Channel - 1st	SOMAC	NA	\$248.50	\$400.37	NA	\$434.53	NA	\$1,161.58	NA	\$377.96
NRC - DS1 Local Channel - Add'l	SOMAC	NA	\$230.49	\$312.89	NA	\$341.09	NA	\$932.67	NA	\$277.31
NRC - DS3 Interoffice Channel - Facility Termination - 1st	SOMAC	NA	\$884.71	\$77.44	NA	\$82.64	NA	\$951.70	NA	\$80.45
NRC - DS3 Interoffice Channel - Facility Termination - Add'l	SOMAC	NA	\$552.81	\$41.1	NA	\$44.52	NA	\$618.46	NA	\$43.07
NRC - DS3 Channelization System - 1st	SOMAC	NA	\$344.18	\$386.41	NA	\$352.89	NA	\$476.24	NA	\$362.09
NRC - DS3 Channelization System - Add'l	SOMAC	NA	\$248.67	\$264.84	NA	\$241.87	NA	\$321.89	NA	\$248.17
NRC - DS3 Channelization System DS1 Interface - 1st	SOMAC	NA	\$13.39	\$13.45	NA	\$12.29	NA	\$15.76	NA	\$12.61
NRC - DS3 Channelization System DS1 Interface - Add'l	SOMAC	NA	\$9.59	\$9.63	NA	\$8.80	NA	\$11.28	NA	\$9.03
Notes:										



BELLSOUTH/IDS LONG DISTANCE RATES  
NETWORK ELEMENTS  
AND OTHER SERVICES

DESCRIPTION	USOC	AL	FL	GA	KY	LA	MS	NC	SC	TN
RC - OSS OLEC Daily Usage File: Recording, Per Message	TBD	\$0.0002	\$0.008	\$0.0001275	\$0.0008611	\$0.00019	\$0.0001179	\$0.0080	\$0.0002862	\$0.008
RC - OSS OLEC Daily Usage File: Message Processing, Per Message	TBD	\$0.0033	\$0.004	\$0.0062548	\$0.0032357	\$0.0024	\$0.0032089	\$0.004	\$0.0032344	\$0.004
RC - OSS OLEC Daily Usage File: Message Distribution, Per Magnetic Tape	TBD	\$55.19	\$54.95	\$28.25	\$55.68	\$47.3000	\$54.62	\$54.95	\$54.72	\$54.95
RC - OSS OLEC Daily Usage File: Data Transmission (CONNECT:DIRECT), Per	TBD	\$0.00004	\$0.001	\$0.0000434	\$0.0000365	\$0.0000300	\$0.0000354	\$0.001	\$0.0000357	\$0.001
<b>Access Daily Usage File (ADUF)</b>										
RC - ADUF, Message Processing, per message	TBD	\$0.004	\$0.004	\$0.0136327	\$0.004	\$0.004	\$0.004	\$0.004	\$0.004	\$0.004
RC - ADUF, Message Distribution, per Magnetic Tape provisioned	TBD	\$54.95	\$54.95	\$28.85	\$54.95	\$54.95	\$54.95	\$54.95	\$54.95	\$54.95
RC - ADUF, Data Transmission (CONNECT:DIRECT), per message	TBD	\$0.001	\$0.001	\$0.0000434	\$0.001	\$0.001	\$0.001	\$0.001	\$0.001	\$0.001
<b>Enhanced Optional Daily Usage File (EODUF)</b>										
Enhanced Optional Daily Usage File: Message Processing, Per Message	TBD	\$0.004	\$0.004	\$0.0034555	\$0.004	\$0.004	\$0.004	\$0.004	\$0.004	\$0.004
Enhanced Optional Daily Usage File: Message Processing, per magnetic tape	TBD	\$47.30	\$47.30	\$47.30	\$47.30	\$47.30	\$47.30	\$47.30	\$47.30	\$47.30
Enhanced Optional Daily Usage File: Data Transmission (CONNECT:DIRECT),	TBD	\$0.0000364	\$0.0000364	NA	\$0.0000364	\$0.0000384	\$0.0000364	\$0.0000364	\$0.0000364	\$0.0000364
<b>8XX Access Ten Digit Screening (all types), per call (Note 2)</b>	N/A	\$0.0005	NA	\$0.0004868	NA	\$0.0005305	\$0.0005321	NA	\$0.0005227	NA
<b>8XX Access Ten Digit Screening Svc. W/8XX No. Delivery</b>										
per query	N/A	NA	NA	NA	\$0.0010	NA	NA	\$0.00365	NA	\$0.004
for 8XX Numbers, with Optional Complex Features, per query	N/A	NA	NA	NA	\$0.0011	NA	NA	\$0.00431	NA	\$0.004
<b>8XX Access Ten Digit Screening Svc. W/POTS No. Delivery</b>										
per query	N/A	NA	NA	NA	\$0.0010	NA	NA	\$0.00383	NA	\$0.004
with Optional Complex Features, per query	N/A	NA	NA	NA	\$0.0011	NA	NA	\$0.00431	NA	\$0.004
<b>8XX Access Ten Digit Screening Svc. W/800 No. Delivery</b>										
per message	N/A	NA								
for 8XX Numbers, w/Optional Complex Features, per message	N/A	NA								
<b>8XX Access Ten Digit Screening Svc. W/POTS No. Delivery</b>										
per message	N/A	NA								
with Optional Complex Features, per message	N/A	NA								
<b>Reservation Charge per 8XX number reserved</b>										
NRC - 1st	N8R1X	\$7.13	NA	\$6.57	\$10.05	\$6.29	\$8.46	\$27.00	\$6.38	\$30.00
NRC - Add'l	N8R1X	\$0.97	NA	\$0.76	\$1.19	\$0.73	\$0.96	\$0.50	\$0.9583	\$0.50
NRC - Incremental Charge - Manual Service Order - 1st	SOMAN	\$27.37	NA	\$18.94	NA	\$18.14	\$25.52	NA	\$27.84	NA
NRC - Incremental Charge - Manual Service Order - Add'l	SOMAN	NA								
<b>Per 8XX # Established w/o POTS (w/8XX No.) Translations</b>										
NRC - 1st	N/A	\$15.88	NA	\$12.81	\$30.59	\$12.27	\$17.04	\$61.00	\$22.63	\$67.50
NRC - Add'l	N/A	\$1.97	NA	\$1.45	\$3.22	\$1.39	\$1.93	\$1.50	\$2.73	\$1.50
NRC - Disconnect Charge - 1st	N/A	\$10.04	NA	NA	NA	\$8.30	\$11.32	NA	\$42.95	NA
NRC - Disconnect Charge - Add'l	N/A	\$0.97	NA	NA	NA	\$0.73	\$0.96	NA	NA	NA
NRC - Incremental Charge - Manual Service Order - 1st	SOMAN	\$27.37	NA	\$18.94	NA	\$18.14	\$25.52	NA	NA	NA
NRC - Incremental Charge - Manual Service Order - Add'l	SOMAN	NA								
NRC - Incremental Charge - Manual Service Order - Disconnect	SOMAN	\$17.75	NA	NA	NA	\$11.40	\$16.05	NA	NA	NA
<b>Per 8XX # Established with POTS Translations</b>										
NRC - 1st	N8FTX	\$15.88	NA	\$12.81	\$30.59	\$12.27	\$17.04	\$61.00	\$22.63	\$67.50
NRC - Add'l	N8FTX	\$1.97	NA	\$1.45	\$3.22	\$1.39	\$1.93	\$1.50	\$2.73	\$1.50
NRC - Disconnect Charge - 1st	N8FTX	\$10.04	NA	NA	NA	\$8.30	\$11.32	NA	\$42.95	NA
NRC - Disconnect Charge - Add'l	N8FTX	\$0.97	NA	NA	NA	\$0.73	\$0.96	NA	NA	NA
NRC - Incremental Charge - Manual Service Order - 1st	SOMAN	\$27.37	NA	\$18.94	NA	\$18.14	\$25.52	NA	NA	NA
NRC - Incremental Charge - Manual Service Order - Add'l	SOMAN	NA								
NRC - Incremental Charge - Manual Service Order - Disconnect	SOMAN	\$17.75	NA	NA	NA	\$11.40	\$16.05	NA	NA	NA
<b>Customized Area of Service per 8XX Number</b>										
NRC - 1st	N8FCX	\$5.69	NA	\$4.46	\$6.97	\$4.27	\$5.63	\$3.00	\$5.64	\$3.00
NRC - Add'l	N8FCX	\$2.85	NA	\$2.23	\$3.49	\$2.14	\$2.81	\$1.50	\$2.82	\$1.50
NRC - Incremental Charge - Manual Service Order - 1st	SOMAN	NA								

BELLSOUTH/IDS LONG DISTANCE RATES  
NETWORK ELEMENTS  
AND OTHER SERVICES

	NRC - Incremental Charge - Manual Service Order - Add'l	SOMAN	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Multiple Inter LATA Carrier Routing per Carrier Requested per 8XX #										
	NRC - 1st	N8FMX	\$6.66	NA	\$5.22	\$8.16	\$5.00	\$6.59	\$3.50	\$6.60	\$3.50
	NRC - Add'l	N8FMX	\$3.81	NA	\$2.99	\$4.67	\$2.86	\$3.77	\$2.00	\$3.78	\$2.00
	NRC - Incremental Charge - Manual Service Order - 1st	SOMAN	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NRC - Incremental Charge - Manual Service Order - Add'l	SOMAN	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Change Charge per request										
	NRC - 1st	N8FAX	\$8.10	NA	\$7.33	\$11.24	\$7.01	\$9.42	\$41.00	\$7.34	\$48.50
	NRC - Add'l	N8FAX	\$0.97	NA	\$0.76	\$1.19	\$0.73	\$0.96	\$0.50	\$0.9583	\$0.50
	NRC - Incremental Charge - Manual Service Order - 1st	SOMAN	\$27.37	NA	\$18.94	NA	\$18.14	\$25.52	NA	\$27.84	NA
	NRC - Incremental Charge - Manual Service Order - Add'l	SOMAN	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Call Handling and Destination Features										
	NRC - 1st	N8FDX	\$5.69	NA	\$4.72	\$6.97	\$4.27	\$5.63	\$3.00	\$5.64	\$3.00
	NRC - Add'l	N8FDX	NA	NA	\$4.46	\$6.97	\$4.27	\$5.63	\$3.00	\$5.64	\$3.00
	LIDB Common Transport per query	OQT	\$0.00004	\$0.0003	\$0.0000338	\$0.00006	\$0.0000418	\$0.0000446	\$0.0003	\$0.0000442	\$0.0003
	LIDB Validation per query	OQU	\$0.041003	\$0.041003	\$0.0105974	\$0.00938	\$0.0103774	\$0.0142132	\$0.041003	\$0.0141003	\$0.041003
	LIDB Originating Point Code Establishment or Change - NRC	N/A	\$64.36	NA	\$50.30	\$107.60	\$48.17	\$63.63	\$91.00	\$61.62	NA
	NRC - Incremental Charge - Manual Service Order - 1st	SOMAN	\$25.93	NA	\$18.94	NA	\$18.14	\$25.52	NA	\$27.84	\$91.00
	NRC - Incremental Charge - Manual Service Order - Add'l	SOMAN	NA	NA	NA	NA	NA	NA	NA	\$27.84	NA
	CCS7 Signaling Connection, per link (A link) per month		\$18.79	\$5.00	\$17.05	\$16.31	\$19.48	\$21.58	\$155.00	\$21.79	\$155.00
	NRC		\$171.98	\$400.00	\$131.96	\$354.95	\$126.34	\$169.72	\$510.00	\$277.07	\$510.00
	NRC - Disconnect		\$135.70	NA	NA	NA	\$101.10	\$134.08	NA	\$42.95	NA
	NRC - Incremental Charge - Manual Service Order	SOMAN	\$25.93	NA	\$18.94	NA	\$18.14	\$25.52	NA	NA	NA
	NRC - Incremental Charge - Manual Service Order - Disconnect	SOMAN	\$16.31	NA	NA	NA	\$11.40	\$16.05	NA	NA	NA
	CCS7 Signaling Connection, per link (B link) (also known as D link) per month		\$18.79	\$5.00	\$17.05	\$16.31	\$19.48	\$21.58	\$155.00	\$21.79	Not available
	NRC		\$171.98	\$400.00	\$131.96	\$354.95	\$126.34	\$169.72	\$510.00	\$277.07	\$510.00
	NRC - Disconnect		\$135.70	NA	NA	NA	\$101.10	\$134.08	NA	\$42.95	NA
	NRC - Incremental Charge - Manual Service Order	SOMAN	\$25.93	NA	\$18.94	NA	\$18.14	\$25.52	NA	NA	NA
	NRC - Incremental Charge - Manual Service Order - Disconnect	SOMAN	\$16.31	NA	NA	NA	\$11.40	\$16.05	NA	NA	NA
	CCS7 Signaling Termination, per STP port per month		\$146.72	\$113.00	\$133.99	\$174.08	\$161.99	\$161.12	\$355.00	\$156.33	\$355.00
	CCS7 Signaling Usage, per ISUP message		\$0.00004	\$0.00001	\$0.0000354	\$0.000037893	\$0.0000430	\$0.0000456	NA	\$0.0000452	\$0.000023
	(applicable when measurement and billing capability exists.)										
	CCS7 Signaling Usage, per TCAP message		\$0.0001	\$0.00004	\$0.0000870	\$0.000102042	\$0.0001052	\$0.0001115	NA	\$0.0001108	\$0.00005
	(applicable when measurement and billing capability exists.)										
	CCS7 Signaling Usage Surrogate, per link per LATA per mo (8)		\$376.12	\$64.00	\$340.67	\$329.98	\$406.71	\$406.53	NA	\$396.55	\$395.00
	CCS7 Signaling Point Code, Establishment or Change, per STP affected										
	NRC		\$62.00	\$62.00	\$62.00	\$62.00	\$62.00	\$62.00	\$62.00	\$62.00	\$62.00
	Operator Provided Call Handling per min - Using BST LIDB	N/A	\$1.21	\$1.00	\$0.9680296	\$1.6016	\$0.91	\$1.19	\$1.06	\$1.21	NA
	Call Completion Access Termination Charge per call attempt	N/A	\$0.08	NA	NA	NA	NA	NA	NA	\$0.08	NA
	Operator Provided Call Handling per min - Using Foreign LIDB	N/A	\$1.25	\$1.00	\$1.02	\$1.6249	\$0.96	\$1.24	\$1.06	\$1.25	NA
	Call Completion Access Termination Charge per call attempt	N/A	\$0.08	NA	NA	NA	NA	NA	NA	\$0.08	NA
	Operator Provided Call Handling, per call	N/A	NA	NA	NA	NA	NA	NA	NA	NA	\$0.30
	Fully Operator Provided Call Handling per call - Using BST LIDB	N/A	\$0.11	\$0.10	\$0.0778409	\$0.0856	\$0.10	\$0.1072884	\$0.09	\$0.115808	\$0.15
	Fully Operator Provided Call Handling per call - Using Foreign LIDB	N/A	\$0.13	\$0.10	\$0.0976984	\$0.1071	\$0.12	\$0.1253666	\$0.09	\$0.1293459	\$0.15
	Professional recording of name (OCP alone)	USOD1	\$7,000.00	\$7,000.00	\$7,000.00	\$7,000.00	\$7,000.00	\$7,000.00	\$7,000.00	\$7,000.00	\$7,000.00
	Professional recording of name (DA and OCP alone)	USOD1	\$7,000.00	\$7,000.00	\$7,000.00	\$7,000.00	\$7,000.00	\$7,000.00	\$7,000.00	\$7,000.00	\$7,000.00
	DRAM recording and loading, per TOPS switch	USOD2	\$250.00	\$250.00	\$250.00	\$250.00	\$250.00	\$250.00	\$250.00	\$250.00	\$250.00
	AABS recording and loading, per IVS	USOD2	\$225.00	\$225.00	\$225.00	\$225.00	\$225.00	\$225.00	\$225.00	\$225.00	\$225.00
	EBAS recording and loading, per NAV shelf	USOD2	\$270.00	\$270.00	\$270.00	\$270.00	\$270.00	\$270.00	\$270.00	\$270.00	\$270.00
	Recording Charge per Branded Announcement - Disconnect - Initial	N/A	\$9.61	NA	NA	NA	NA	NA	NA	NA	NA

BELL SOUTHWEST LONG DISTANCE RATES  
NETWORK ELEMENTS  
AND OTHER SERVICES

Recording Charge per Branded Announcement - Disconnect - Subsequent	N/A	\$9.81	NA	NA	NA	NA	NA	NA	NA	NA	NA
<b>Verification, per minute</b>	N/A	\$1.16	NA	\$0.921083	NA	\$0.86	\$1.14	NA	\$1.15	NA	NA
Verification and Emergency Interrupt, per minute	N/A	\$1.16	NA	\$0.921083	NA	\$0.86	\$1.14	NA	\$1.15	NA	NA
Verification, per call	VIL	NA	\$0.80	NA	\$1.00	NA	NA	\$0.54	NA	\$0.90	NA
Verification and Emergency Interrupt, per call	N/A	NA	\$1.00	NA	\$1.111	NA	NA	\$0.65	NA	\$1.95	NA
<b>DIRECTORY ASSISTANCE SERVICES</b>											
Directory Assist Call Completion Access Svc (DACC), per call attempt	N/A	\$0.0598	\$0.03	\$0.0348712	\$0.058	\$0.04	\$0.0425585	\$0.036	\$0.0638883	\$0.12	NA
Call Completion Access Term charge per completed call	N/A	NA	NA	NA	NA	NA	NA	NA	\$0.08	NA	NA
Number Services Intercept per query	N/A	\$0.0235	\$0.01	\$0.0097497	\$0.0086	\$0.02	\$0.0188268	\$0.0077	\$0.0124036	\$0.15	NA
Number Services Intercept per Intercept Query Update	N/A	NA	NA	NA	\$0.0055	NA	NA	NA	NA	NA	NA
Directory Assistance Access Service Calls, per call		\$0.26	\$0.25	\$0.2124568	\$0.3136	\$0.20	\$0.2617159	\$0.271744	\$0.2619983	NA	NA
Professional recording of name (DA alone)		\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00
Professional recording of name (DA and OCP alone)		\$7,000.00	\$7,000.00	\$7,000.00	\$7,000.00	\$7,000.00	\$7,000.00	\$7,000.00	\$7,000.00	\$7,000.00	\$7,000.00
DRAM or front-end loading, per TOPS switch		\$250.00	\$250.00	\$250.00	\$250.00	\$250.00	\$250.00	\$250.00	\$250.00	\$250.00	\$250.00
AABS or back-end loading, per IVS		\$225.00	\$225.00	\$225.00	\$225.00	\$225.00	\$225.00	\$225.00	\$225.00	\$225.00	\$225.00
EBAS or 0- automation loading, per NAV shelf		\$270.00	\$270.00	\$270.00	\$270.00	\$270.00	\$270.00	\$270.00	\$270.00	\$270.00	\$270.00
Recording Charge per Branded Announcement - Disconnect - Initial	N/A	\$9.81	NA	NA	NA	NA	NA	NA	NA	NA	NA
Recording Charge per Branded Announcement - Disconnect - Subsequent	N/A	\$9.81	NA	NA	NA	NA	NA	NA	NA	NA	NA
<b>Directory Transport - Local Channel DS1, per month</b>											
NRC - 1st	N/A	\$35.52	\$43.64	\$38.36	\$36.32	\$43.83	\$38.91	BSTs FCC 1	\$37.20	\$133.81	NA
NRC - Add'l	N/A	\$503.57	\$242.45	\$356.15	\$637.46	\$339.69	\$494.83	BSTs FCC 1	\$534.81	\$868.97	NA
NRC - Disconnect Charge - 1st	N/A	\$442.84	\$226.44	\$312.89	\$546.94	\$296.29	\$435.28	BSTs FCC 1	\$462.81	\$486.83	NA
NRC - Disconnect Charge - Add'l	N/A	\$46.28	NA	NA	NA	\$33.02	\$46.85	NA	NA	NA	NA
NRC - Incremental Charge-Manual Svc Order - NRC	SOMAN	\$32.18	NA	NA	NA	\$23.32	\$33.02	NA	NA	NA	NA
NRC - Incremental Charge-Manual Svc Order - NRC-Disconnect	SOMAN	\$61.99	NA	\$44.22	NA	\$42.34	\$59.58	BSTs FCC 1	\$87.99	NA	NA
Directory Transport - Dedicated DS1 Level Interoffice per mile per mo	N/A	\$29.27	NA	NA	NA	\$19.48	\$27.41	NA	\$3.11	NA	NA
Directory Transport - Dedicated DS1 Level Interoffice per facility termination per mo	N/A	\$0.6923	\$0.6013	\$0.4523	\$0.45	\$0.78	\$0.6598	BSTs FCC 1	\$0.7598	\$23.00	NA
NRC - 1st	N/A	\$79.69	\$99.79	\$78.47	\$55.05	\$93.40	\$74.40	BSTs FCC 1	\$94.98	\$90.00	NA
NRC - Add'l	N/A	\$198.15	\$45.91	\$147.07	\$298.18	\$140.49	\$196.28	BSTs FCC 1	\$216.27	\$100.49	NA
NRC - Disconnect Charge - 1st	N/A	\$148.18	\$44.18	\$111.75	\$231.18	\$106.69	\$147.31	BSTs FCC 1	\$162.70	\$100.49	NA
NRC - Disconnect Charge - Add'l	N/A	\$25.44	NA	NA	NA	\$20.00	\$26.56	NA	NA	NA	NA
NRC - Incremental Charge - Manual Service Order - 1st	N/A	\$20.42	NA	NA	NA	\$16.34	\$21.61	NA	NA	NA	NA
NRC - Incremental Charge - Manual Service Order - Add'l	SOMAN	\$27.37	NA	\$18.94	NA	\$18.14	\$25.52	BSTs FCC 1	\$39.63	NA	NA
NRC - Incremental Charge - Manual Service Order - Disconnect - 1st	SOMAN	\$27.37	NA	NA	NA	\$18.14	\$25.52	BSTs FCC 1	\$39.63	NA	NA
NRC - Incremental Charge - Manual Service Order - Disconnect - Add'l	SOMAN	\$12.97	NA	NA	NA	\$8.06	\$11.34	NA	NA	NA	NA
Switched Common Transport per DA Access Service per call	N/A	\$12.97	NA	NA	NA	\$8.06	\$11.34	NA	NA	NA	NA
Switched Common Transport per DA Access Service per call per mile	N/A	\$0.0003	\$0.0003	\$0.0002906	\$0.000175	\$0.0003274	\$0.0002997	BSTs FCC 1	\$0.000327	NA	NA
Access Tandem Switching per DA Access Service per call	N/A	\$0.00003	\$0.00001	\$0.0000186	\$0.000004	\$0.0000175	\$0.0000202	BSTs FCC 1	\$0.0000303	NA	NA
DA Interconnection, per DA Access Service Call	N/A	\$0.0023	\$0.00055	\$0.0019152	\$0.000783	\$0.0025257	\$0.0023713	BSTs FCC 1	\$0.0024809	NA	NA
Directory Transport-Installation NRC, per trunk or signaling connection	N/A	\$0.00269	NA	\$0.00269	NA	NA	NA	BSTs FCC 1	\$0.000269	NA	NA
NRC - 1st	N/A	\$280.69	\$206.06	\$204.23	\$501.98	\$195.54	\$257.73	BSTs FCC 1	\$407.81	NA	NA
NRC - Add'l	N/A	\$5.95	\$4.71	\$4.42	\$13.32	\$4.23	\$5.85	BSTs FCC 1	\$11.00	NA	NA
NRC - Disconnect Charge - 1st	N/A	\$173.46	NA	NA	NA	NA	NA	NA	NA	NA	NA
NRC - Disconnect Charge - Add'l	N/A	\$5.95	NA	NA	NA	NA	NA	NA	NA	NA	NA
NRC - Incremental Charge - Manual Service Order - 1st	SOMAN	NA	NA	\$44.22	NA	\$130.05	\$171.49	NA	NA	NA	NA
NRC - Incremental Charge - Manual Service Order - Add'l	SOMAN	NA	NA	NA	NA	\$4.23	\$5.85	NA	NA	NA	NA
<b>Directory Assistance Database Service</b>											
Directory Assistance Database Service charge per listing	N/A	\$0.0446	\$0.001	\$0.0445	\$0.0193	\$0.0443	\$0.0447	\$0.00072	\$0.0444	NA	NA
Directory Assistance Database Service, per month	DBSOF	\$128.55	\$100.00	\$95.50	\$120.76	\$90.54	\$126.17	\$97.39	\$127.23	NA	NA

BELLSOUTH/IDS LONG DISTANCE RATES  
NETWORK ELEMENTS  
AND OTHER SERVICES

<b>Direct Access to Directory Assistance Service (DADA)</b>										
Direct Access to Directory Assistance Service, per month	DBSDS	\$7,055.00	\$5,000.00	\$5,254.00	\$7,235.01	\$4,982.00	\$6,926.00	\$5,000.00	\$6,983.00	NA
Direct Access to Directory Assistance Service, per query	DBSDA	\$0.0472885	\$0.01	\$0.0469016	\$0.0052	\$0.0460	\$0.0461336	\$0.023	\$0.0468212	NA
Direct Access to Directory Assistance Service, svc estab charge	DBSDE									NA
NRC	DBSDE	\$1,118.00	\$820.00	\$788.24	\$1,186.94	\$786.82	\$1,097.00	\$1,000.00	\$1,173.00	NA
NRC - Disconnect	DBSDE	\$81.83	NA	NA	NA	NA	NA	NA	NA	NA
NRC - Incremental Charge Manual Service Order - 1st	SOMAN	NA	NA	NA	NA	\$57.23	\$90.52	NA	NA	NA
<b>AIN</b>										
AIN, per message	CAM	NA	\$0.00004	NA	NA	NA	NA	NA	NA	TBD
AIN - BellSouth AIN SMS Access Service	CAM									NA
Service Establishment Charge, per state, initial set-up										NA
NRC	CAMSE	\$187.49	NA	\$90.25	NA	\$153.31	\$174.03	NA	\$296.16	NA
NRC - Disconnect	CAMSE	\$114.22	NA	NA	NA	\$78.06	\$135.96	NA	NA	NA
Port Connection - Dial/Shared Access										
NRC	CAMPD	\$64.05	NA	\$29.66	NA	\$50.07	\$53.47	NA	\$87.29	NA
NRC - Disconnect	CAMPD	\$27.04	NA	NA	NA	\$18.61	\$37.70	NA	NA	NA
Port Connection - ISDN Access										
NRC	CAM1P	\$64.05	NA	\$29.66	NA	\$50.07	\$53.47	NA	\$87.29	NA
NRC - Disconnect	CAM1P	\$27.04	NA	NA	NA	\$18.61	\$37.70	NA	NA	NA
User ID Codes - per User ID Code										
NRC	CAMAU	\$141.84	NA	\$84.43	NA	\$104.95	\$129.83	NA	\$202.08	NA
NRC - Disconnect	CAMAU	\$70.05	NA	NA	NA	\$48.95	\$79.91	NA	NA	NA
Security Card per User ID Code, initial or replacement										
NRC	CAMRC	\$142.13	NA	\$35.44	NA	\$125.33	\$131.54	NA	\$172.26	NA
NRC - Disconnect	CAMRC	\$35.26	NA	NA	NA	\$24.40	\$45.77	NA	NA	NA
Storage, per unit (100Kb)	N/A	\$0.0026	NA	\$0.0023	NA	\$0.0029	\$0.0029	NA	\$0.0028	NA
Session per minute	N/A	\$0.0892	NA	\$0.0795604	NA	\$0.10	\$0.0975650	NA	\$0.0942966	NA
CO Performed Session, per minute										
AIN - BellSouth AIN Toolkit Service										
AIN, Service Creation Tools	CAMBP	NA	TBD	NA	NA	NA	NA	NA	NA	NA
Service Establishment Charge, per state, initial set-up										
NRC	BAPSC	\$192.69	NA	\$86.74	NA	\$153.25	\$169.31	NA	\$291.41	NA
NRC - Disconnect	BAPSC	\$114.22	NA	NA	NA	\$78.05	\$135.96	NA	NA	NA
Training Session, per customer										
NRC	BAPVX	\$8,363.00	NA	\$8,348.00	NA	\$8,315.00	\$8,379.00	NA	\$8,333.00	NA
NRC - Disconnect	BAPVX	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trigger Access Charge, per trigger, per DN, Term. Attempt										
NRC	BAPTT	\$49.64	NA	\$19.13	NA	\$41.08	\$39.30	NA	\$73.02	NA
NRC - Disconnect	BAPTT	\$27.04	NA	NA	NA	\$18.60	\$37.70	NA	NA	NA
Trigger Access Charge, per trigger per DN, Off-Hook Delay										
NRC	BAPTD	\$49.64	NA	\$114.80	NA	\$41.08	\$39.30	NA	\$73.02	NA
NRC - Disconnect	BAPTD	\$27.04	NA	NA	NA	\$18.60	\$37.70	NA	NA	NA
Trigger Access Charge, per trigger, per DN, Off-Hook Immediate										
NRC	BAPTM	\$49.64	NA	\$19.13	NA	\$41.08	\$39.30	NA	\$73.02	NA
NRC - Disconnect	BAPTM	\$27.04	NA	NA	NA	\$18.60	\$37.70	NA	NA	NA
Trigger Access Charge, per trigger, per DN, 10-Digit PODP										
NRC	BAPTO	\$117.98	NA	\$70.06	NA	\$92.99	\$106.90	NA	\$150.25	NA
NRC - Disconnect	BAPTO	\$37.90	NA	NA	NA	\$26.73	\$48.44	NA	NA	NA
Trigger Access Charge, per trigger, per DN, CDP										
NRC	BAPTC	\$117.98	NA	\$70.06	NA	\$92.99	\$106.90	NA	\$150.25	NA
NRC - Disconnect	BAPTC	\$37.90	NA	NA	NA	\$26.73	\$48.44	NA	NA	NA
Trigger Access Charge, per trigger, per DN, Feature Code										
NRC	BAPTF	\$117.98	NA	\$70.06	NA	\$92.99	\$106.90	NA	\$150.25	NA
NRC - Disconnect	BAPTF	\$37.90	NA	NA	NA	\$26.73	\$48.44	NA	NA	NA
Query Charge, per query										
		\$0.024	NA	\$0.0208223	NA	\$0.03	\$0.0256138	NA	\$0.0250662	NA

BELLSOUTH/IDS LONG DISTANCE RATES  
NETWORK ELEMENTS  
AND OTHER SERVICES

Type 1 Node Charge, per AIN Toolkit Subscription, per node, per query		\$0.006	NA	\$0.0053137	NA	\$0.0065	\$0.0065161	NA	\$0.0062979	NA
	N/A	\$1.63	NA	\$1.46	NA	\$1.79	\$1.79	NA	\$1.73	NA
<b>Monthly Report - per AIN Toolkit Service Subscription</b>	BAPMS	\$16.00	NA	\$15.96	NA	\$15.89	\$16.01	NA	\$15.93	NA
NRC	BAPMS	\$44.56	NA	\$22.64	NA	\$34.61	\$44.02	NA	\$72.15	NA
NRC - Disconnect	BAPMS	\$31.84	NA	NA	NA	\$21.97	\$31.28	NA	NA	NA
<b>Special Study - per AIN Toolkit Service Subscription</b>	BAPLS	\$0.10	NA	\$0.0861109	NA	\$0.08	\$0.0810536	NA	\$0.0872769	NA
NRC	BAPLS	\$47.74	NA	\$22.64	NA	\$37.77	\$47.21	NA	\$47.35	NA
NRC - Disconnect	BAPLS	\$15.90	NA	NA	NA	NA	NA	NA	NA	NA
<b>Call Event Report - per AIN Toolkit Service Subscription</b>	BAPDS	\$15.90	NA	\$15.87	NA	\$15.81	\$15.93	NA	\$15.84	NA
NRC	BAPDS	\$44.56	NA	\$22.64	NA	\$34.61	\$44.02	NA	\$72.15	NA
NRC - Disconnect	BAPDS	\$31.84	NA	NA	NA	\$21.97	\$31.28	NA	NA	NA
<b>Call Event special Study - per AIN Toolkit Service Subscription</b>	BAPES	\$0.003	NA	\$0.0028704	NA	\$0.0026	\$0.0027018	NA	\$0.0029092	NA
NRC	BAPES	\$47.74	NA	\$22.64	NA	\$37.77	\$47.21	NA	\$47.35	NA
NRC - Disconnect	BAPES	\$15.90	NA	NA	NA	\$37.77	NA	NA	NA	NA
<b>CNAM (Database Owner), Per Query</b>	N/A	\$0.018	\$0.016	\$0.016	\$0.016	\$0.016	\$0.016	\$0.016	\$0.016	\$0.016
<b>CNAM (Non-Database Owner), Per Query *</b>	N/A	\$0.01	\$0.01	\$0.01	\$0.01	\$0.01	\$0.01	\$0.01	\$0.01	\$0.01
NRC, applicable when CLEC-1 uses the Character Based User Interface (CHUI)	N/A	\$595.00	\$595.00	\$595.00	\$595.00	\$595.00	\$595.00	\$595.00	\$595.00	\$595.00
* Volume and term arrangements are also available.										
<b>Per Line or PBX Trunk, each</b>		NA	NA	NA	\$10.00 (Interim)	NA	NA	NA	NA	TBD
NRC		NA	NA	NA	NA	NA	NA	NA	NA	TBD
<b>Customized routing per unique line class code, per request, per switch</b>										
NRC	USRCR	\$230.60	\$229.65	\$180.62	\$229.65	\$229.65	\$227.99	\$229.65	\$226.22	\$229.65
NRC - Incremental Charge - Manual Service Order		\$25.93	NA	\$18.94	NA	NA	\$253.51	NA	\$27.84	NA
<b>2-wire Cross-Connect</b>										
RC	UEAC2	\$0.28	\$0.524	\$0.30	\$0.31	\$0.26	\$0.3996	\$0.30	\$0.3648	\$0.30
NRC - 1st	UEAC2	\$30.76	\$11.57	\$12.60	\$54.21	\$23.04	\$30.93	\$19.20	\$41.50	\$19.20
NRC - Add'l	UEAC2	\$29.40	\$11.57	\$12.60	\$51.07	\$22.11	\$29.59	\$19.20	\$38.94	\$19.20
NRC - Disconnect - 1st	UEAC2	\$12.75	NA	NA	NA	\$9.48	\$12.76	NA	NA	NA
NRC - Disconnect - Add'l	UEAC2	\$11.38	NA	NA	NA	\$8.54	\$11.43	NA	NA	NA
<b>4-wire Cross-Connect</b>										
RC	UEAC4	\$0.58	\$0.524	\$0.50	\$0.62	\$0.52	\$0.7992	\$0.50	\$0.7297	\$0.50
NRC - 1st	UEAC4	\$66.71	\$11.57	\$12.60	\$54.23	\$23.23	\$31.17	\$19.20	\$41.56	\$19.20
NRC - Add'l	UEAC4	\$50.43	\$11.57	\$12.60	\$50.96	\$22.24	\$29.77	\$19.20	\$38.90	\$19.20
NRC - Disconnect - 1st	UEAC4	\$12.82	NA	NA	NA	\$9.53	\$12.83	NA	NA	NA
NRC - Disconnect - Add'l	UEAC4	\$11.39	NA	NA	NA	\$8.55	\$11.43	NA	NA	NA
<b>2-fiber Cross-Connect</b>										
RC	CNC2F	\$12.10	NA	\$15.64	\$15.64	\$19.13	\$15.64	\$15.99	\$15.06	\$15.64
NRC - 1st	CNC2F	\$55.46	NA	\$41.56	\$41.56	\$41.07	\$41.56	\$67.34	\$69.28	\$41.56
NRC - Add'l	CNC2F	\$39.18	NA	\$29.82	\$29.82	\$29.83	\$29.82	\$48.55	\$48.89	\$29.82
NRC - Disconnect - 1st	CNC2F	\$16.83	NA	NA	NA	\$12.84	\$12.96	NA	NA	NA
NRC - Disconnect - Add'l	CNC2F	\$13.27	NA	NA	NA	\$10.29	\$10.34	NA	NA	NA
<b>4-fiber Cross-Connect</b>										
RC	CNC4F	\$21.75	NA	\$28.11	\$28.11	\$34.38	\$28.11	\$28.74	\$27.08	\$28.11
NRC - 1st	CNC4F	\$66.71	NA	\$50.53	\$50.53	\$49.81	\$50.53	\$82.35	\$84.07	\$50.53
NRC - Add'l	CNC4F	\$50.43	NA	\$38.78	\$38.78	\$38.37	\$38.78	\$63.56	\$63.68	\$38.78
NRC - Disconnect - 1st	CNC4F	\$21.86	NA	NA	NA	\$16.75	\$16.97	NA	NA	NA
NRC - Disconnect - Add'l	CNC4F	\$18.31	NA	NA	NA	\$14.20	\$14.35	NA	NA	NA

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

BELLSOUTH/MDS LONG DISTANCE RATES  
 NETWORK ELEMENTS  
 AND OTHER SERVICES

1	BellSouth and CLEC shall negotiate rates for this offering. If agreement is not reached within sixty (60) days of the Effective Date, either party may petition the Florida PSC to settle the disputed charge or charges. (FL)																			
2	This rate element is for those states w/o separate rates for 800 calls with 800 No. Delivery vs. POTS No. Delivery and calls with Optional Complex Features vs. w/o Optional Complex Features.																			
3	This charge is only applicable where signaling usage measurement or billing capability does not exist.																			
4	Prices for AIN to be determined upon development of mediation device. (TN)																			
5	Price for Line Class Codes for Selective Routing shall be determined by the TRA. (TN)																			

**Exhibit B**

**Attachment 3 Rates**

**Rates for Local Interconnection elements/services reflected in Attachment 3 to  
the Agreement**



BELLSOUTH/IDS LONG DISTANCE RATES  
LOCAL INTERCONNECTION

DESC	USOC	RATES BY STATE									
		AL	FL	GA	KY	LA	MS	NC	SC	TN	
<b>LOCAL INTERCONNECTION (CALL TRANSPORT AND TERMINATION)</b>											
End Office Switching, per mou	N/A	\$0.0018	NA	\$0.0016333	\$0.002562	NA	\$0.0023771	\$0.004	\$0.0019295	\$0.0019	
Direct Interconnection, per mou (same as End Office Switching in FL & LA)	NA	\$0.002	NA	NA	NA	\$0.00209	NA	NA	NA	NA	
Tandem Switching, per mou	N/A	\$0.00063	\$0.00029	\$0.0006757	\$0.001096	NA	\$0.0007834	\$0.0015	\$0.0006843	\$0.000676	
Tandem Switching (assumes 5 miles of transport per mou)	N/A	NA	NA	NA	NA	\$0.00430	NA	NA	NA	NA	
Terminal Interconnection, per mou (includes end office switching element)	NA	\$0.00325	NA	NA	NA	\$0.00639	NA	NA	NA	NA	
Multiple System Switching, per mou (applies to initial tandem only), effective 10/99	NA	\$0.00125	NA	NA	NA	\$0.00430	NA	NA	NA	NA	
Local Intermediary, per mou (applies to transit traffic only)	NA	\$0.00125	NA	NA	NA	\$0.00430	NA	NA	NA	NA	
Transit Intermediary Charge, per mou*	N/A	\$0.0015	NA	NA	\$0.001096	NA	NA	NA	NA	NA	
*(This charge is applicable only to transit traffic and is applied in addition to applicable switching and/or interconnection charges.)											
<b>TRUNK PORT CHARGE</b>											
All terms and conditions, as well as charges, both non-recurring and recurring, associated with interconnecting trunk groups between BellSouth and IDS Long Distance shall be as set forth in Section E.6 of the appropriate BellSouth intrastate access tariff. At such time as BellSouth develops a cost based rate for such interconnecting trunk groups, the Parties shall amend this agreement to include such cost based rates and shall true up such charges in accordance with this Attachment.		BST State Access Tariff Rates									
<b>INTEROFFICE TRANSPORT</b>											
<b>Common (Shared) Transport</b>											
Common (Shared) Transport per mile per mou	N/A	\$0.00001	\$0.000012	\$0.000008	\$0.0000049	\$0.0000083	\$0.0000091	\$0.00004	\$0.0000121	\$0.00004	
Common (Shared) Transport Facilities Termination per mou	N/A	\$0.00045	\$0.0005	\$0.0004152	\$0.000426	\$0.00047	\$0.0004281	\$0.00036	\$0.0004672	\$0.00036	
<b>Interoffice Channel Transport - Dedicated - VG</b>											
Interoffice Transport - Dedicated - 2-Wire VG - per mile	1L5XF	\$0.03390	NA	\$0.0222	NA	\$0.0384	NA	\$0.03	\$0.0373	\$0.0173	
Interoffice Transport - Dedicated - 2-Wire VG - facilities termination per month	1L5XF	\$18.49	NA	\$17.07	NA	\$19.10	NA	\$18.01	\$21.42	\$18.33	
NRC - 1st	1L5XF	\$144.27	NA	\$79.61	NA	\$104.23	NA	\$138.19	\$136.44	\$83.35	
NRC - Add'l	1L5XF	\$54.15	NA	\$36.08	NA	\$39.91	NA	\$52.85	\$51.37	\$20.88	
NRC - Incremental Charge - Manual Service Order - 1st	SOMAC	\$40.34	NA	\$18.94	NA	\$26.20	NA	\$176.31	\$39.63	\$30.15	
NRC - Incremental Charge - Manual Service Order - Add'l	SOMAC	\$40.54	NA	\$18.94	NA	\$26.20	NA	\$90.97	\$39.63	\$31.63	
<b>Interoffice Channel Transport - Dedicated - VG - Kentucky &amp; Mississippi</b>											
Interoffice Transport - Dedicated - 2-Wire VG - per mile	1L5NF	NA	NA	NA	\$0.03	NA	\$0.0323	NA	NA	NA	
Interoffice Transport - Dedicated - 2-Wire VG - facilities termination per month	1L5NF	NA	NA	NA	\$27.66	NA	\$21.33	NA	NA	NA	
NRC - Facility Termination - 1st	1L5NF	NA	NA	NA	\$142.31	NA	\$144.77	NA	NA	NA	
NRC - Facility Termination - Add'l	1L5NF	NA	NA	NA	\$56.21	NA	\$56.06	NA	NA	NA	
NRC - Incremental Charge - Manual Svc Order - 1st	SOMAC	NA	NA	NA	\$37.21	NA	\$36.86	NA	NA	NA	
NRC - Incremental Charge - Manual Svc Order - Add'l	SOMAC	NA	NA	NA	\$37.21	NA	\$36.86	NA	NA	NA	
<b>Interoffice Channel Transport - Dedicated - DS0 - 56/64 KBPS</b>											
Interoffice Transport - Dedicated - DS0 - per mile per month	1L5XK	\$0.0339	\$0.0252	\$0.0222	NA	\$0.0384	NA	\$0.03	\$0.0373	\$0.17	
Interoffice Transport - Dedicated - DS0 - facility termination per month	1L5XK	\$17.81	\$21.33	\$16.45	NA	\$18.37	NA	\$17.40	\$20.71	\$17.74	
NRC - 1st	1L5XK	\$144.27	\$137.15	\$79.61	NA	\$104.23	NA	\$138.19	\$136.44	\$83.35	
NRC - Add'l	1L5XK	\$54.15	\$44.45	\$36.08	NA	\$39.91	NA	\$52.85	\$51.37	\$20.88	
NRC - Incremental Charge - Manual Service Order - 1st	SOMAC	\$40.34	NA	\$18.94	NA	\$26.20	NA	\$176.31	\$39.63	\$30.15	
NRC - Incremental Charge - Manual Service Order - Add'l	SOMAC	\$40.34	NA	\$18.94	NA	\$26.20	NA	\$90.97	\$39.63	\$31.63	
<b>Interoffice Transport - Dedicated - DS0 - 56/64 KBPS - Kentucky &amp; Mississippi</b>											
DS0 - per mile	1L5NK	NA	NA	NA	\$0.03	NA	\$0.0323	NA	NA	NA	
DS0 - Facility Termination	1L5NK	NA	NA	NA	\$26.95	NA	\$20.64	NA	NA	NA	
NRC - Facility Termination - 1st	1L5NK	NA	NA	NA	\$142.31	NA	\$144.77	NA	NA	NA	
NRC - Facility Termination - Add'l	1L5NK	NA	NA	NA	\$56.21	NA	\$56.06	NA	NA	NA	
NRC - Incremental Charge - Manual Svc Order - 1st	SOMAC	NA	NA	NA	\$37.21	NA	\$36.86	NA	NA	NA	
NRC - Incremental Charge - Manual Svc Order - Add'l	SOMAC	NA	NA	NA	\$37.21	NA	\$36.86	NA	NA	NA	
<b>Interoffice Channel Transport - Dedicated - DS1</b>											
Interoffice Transport - Dedicated - DS1 - per mile per month	1L5XL	\$0.69	\$0.6013	\$0.4523	NA	\$0.7831	NA	\$0.5759	\$0.7598	\$0.3525	
Interoffice Transport - Dedicated - DS1 - facility termination per month	1L5XL	\$79.69	\$99.79	\$78.47	NA	\$93.40	NA	\$71.32	\$94.98	\$75.83	
NRC - 1st	1L5XL	\$223.59	\$45.91	\$147.07	NA	\$160.49	NA	\$216.28	\$216.27	\$166.53	
NRC - Add'l	1L5XL	\$166.60	\$44.18	\$111.75	NA	\$123.03	NA	\$164.55	\$162.70	\$124.84	

BELLSOUTH/IDS LONG DISTANCE RATES  
LOCAL INTERCONNECTION

DESCRIPTION	USOC	RATES BY STATE									
		AL	FL	GA	KY	LA	MS	NC	SC	TN	
NRC - Incremental Charge - Manual Service Order - 1st	SOMAC	\$40.34	NA	\$18.94	NA	\$26.20	NA	\$38.12	\$39.63	\$30.15	
NRC - Incremental Charge - Manual Service Order - Add'l	SOMAC	\$40.34	NA	\$18.94	NA	\$26.20	NA	\$38.12	\$39.63	\$31.63	
<b>Interoffice Channel Transport - Dedicated - DS1 - Kentucky &amp; Mississippi</b>											
Interoffice Transport - Dedicated - DS1 - per mile per month	1L5NL	NA	NA	NA	\$0.45	NA	\$0.6598	NA	NA	NA	
Interoffice Transport - Dedicated - DS1 - facilities termination per month	1L5NL	NA	NA	NA	\$55.05	NA	\$74.40	NA	NA	NA	
Facility Termination - 1st	1L5NL	NA	NA	NA	\$298.18	NA	\$222.81	NA	NA	NA	
Facility Termination - Add'l	1L5NL	NA	NA	NA	\$231.23	NA	\$168.92	NA	NA	NA	
Incremental Charge - Manual Svc Order - 1st	SOMAC	NA	NA	NA	NA	NA	\$36.83	NA	NA	NA	
Incremental Charge - Manual Svc Order - Add'l	SOMAC	NA	NA	NA	NA	NA	\$36.86	NA	NA	NA	
<b>Interoffice Channel Transport - Dedicated - DS3</b>											
Interoffice Transport - Dedicated - DS3 - per mile per month	1L5XM	\$12.56	\$10.22	\$6.53	NA	\$14.04	NA	\$13.00	\$19.08	\$5.89	
Interoffice Transport - Dedicated - DS3 - facility termination per month	1L5XM	\$771.80	\$984.55	\$725.53	NA	\$1,101.00	NA	\$720.65	\$960.82	\$760.20	
Facility Termination - 1st	1L5XM	\$961.93	\$772.93	\$778.80	NA	\$713.57	NA	\$798.95	\$941.07	\$729.27	
Facility Termination - Add'l	1L5XM	\$532.45	\$435.92	\$439.62	NA	\$404.36	NA	\$582.33	\$503.72	\$411.98	
Incremental Charge - Manual Service Order - 1st	SOMAC	\$100.19	NA	\$77.41	NA	\$71.19	NA	\$91.37	\$92.52	\$75.98	
Incremental Charge - Manual Service Order - Add'l	SOMAC	\$100.19	NA	\$77.41	NA	\$71.19	NA	\$91.37	\$92.52	\$75.98	
<b>Interoffice Channel Transport - Dedicated - DS3 - Kentucky &amp; Mississippi</b>											
Interoffice Channel Transport - Dedicated - DS3 - per mile	1L5NM	NA	NA	NA	\$12.62	NA	\$15.02	NA	NA	NA	
Interoffice Transport - Dedicated - DS3 - facility termination per month	1L5NM	NA	NA	NA	\$1,204.00	NA	\$744.38	NA	NA	NA	
Facility Termination - 1st	1L5NM	NA	NA	NA	\$946.23	NA	\$812.30	NA	NA	NA	
Facility Termination - Add'l	1L5NM	NA	NA	NA	\$516.89	NA	\$596.55	NA	NA	NA	
Incremental Charge - Manual Svc Order - 1st	SOMAC	NA	NA	NA	\$93.12	NA	\$64.97	NA	NA	NA	
Incremental Charge - Manual Svc Order - Add'l	SOMAC	NA	NA	NA	NA	NA	NA	NA	NA	NA	
<b>Local Channel - Dedicated</b>											
<b>Local Channel - Dedicated - 2-Wire VG</b>											
Monthly Recurring	TEFV2	\$14.61	\$18.02	\$13.91	\$22.26	\$14.94	\$17.83	\$14.83	\$16.83	\$19.02	
NRC - 1st	TEFV2	\$572.46	\$477.33	\$382.95	\$597.14	\$401.17	\$565.31	\$556.57	\$554.00	\$254.14	
NRC - Add'l	TEFV2	\$92.07	\$124.32	\$62.40	\$110.52	\$66.35	\$93.30	\$90.19	\$88.58	\$28.96	
Incremental Charge - Manual Service Order - 1st	SOMAC	\$45.12	NA	\$18.94	\$41.46	\$29.54	\$41.57	\$598.80	\$43.75	\$33.65	
Incremental Charge - Manual Service Order - Add'l	SOMAC	\$18.73	NA	\$8.42	NA	\$19.46	\$27.39	\$102.94	\$13.55	\$23.84	
<b>Local Channel - Dedicated - 4-Wire VG</b>											
Monthly Recurring	TEFV4	\$15.77	\$19.01	\$14.99	\$23.38	\$16.21	\$19.03	\$15.88	\$18.05	\$20.14	
NRC - 1st	TEFV4	\$581.14	\$477.33	\$368.44	\$585.15	\$407.11	\$573.83	\$565.05	\$562.46	\$257.05	
NRC - Add'l	TEFV4	\$95.21	\$124.32	\$64.05	\$98.53	\$68.81	\$96.40	\$93.16	\$91.57	\$30.34	
Incremental Charge - Manual Service Order - 1st	SOMAC	\$45.12	NA	\$18.94	\$98.53	\$29.54	\$41.57	\$607.28	\$43.64	\$33.65	
Incremental Charge - Manual Service Order - Add'l	SOMAC	\$18.73	NA	\$8.42	\$11.99	\$19.46	\$27.39	\$105.94	\$13.55	\$23.84	
<b>Local Channel - Dedicated - DS1</b>											
Monthly Recurring	TEFHG	\$35.52	\$44.35	\$38.36	\$43.80	\$43.80	\$38.91	\$35.69	\$37.20	\$40.27	
NRC - 1st	TEFHG	\$549.85	\$246.50	\$358.15	\$538.95	\$396.86	\$588.53	\$537.66	\$534.81	\$343.71	
NRC - Add'l	TEFHG	\$475.02	\$230.49	\$312.89	\$464.94	\$342.92	\$501.32	\$465.45	\$462.81	\$277.86	
Incremental Charge - Manual Service Order - 1st	SOMAC	\$91.22	NA	\$44.22	\$87.71	\$61.82	\$81.30	\$623.92	\$87.99	\$23.51	
Incremental Charge - Manual Service Order - Add'l	SOMAC	NA	NA	NA	NA	NA	NA	\$467.22	\$3.11	\$21.75	
<b>Local Channel - Dedicated - DS3</b>											
Monthly Recurring	TEFHJ	\$559.98	\$630.65	\$558.51	\$697.89	\$696.07	\$533.33	\$499.09	\$602.18	\$633.15	
NRC - 1st	TEFHJ	\$1,106.14	\$879.42	\$882.03	\$1,091.00	\$811.30	\$569.08	\$565.29	\$1,091.00	\$829.52	
NRC - Add'l	TEFHJ	\$676.66	\$542.41	\$545.85	\$661.23	\$502.09	\$534.58	\$530.75	\$654.13	\$512.23	
Incremental Charge - Manual Service Order - 1st	SOMAC	\$100.19	NA	\$77.41	\$93.12	\$71.19	\$56.84	\$56.33	\$92.52	\$75.98	
Incremental Charge - Manual Service Order - Add'l	SOMAC	\$100.19	NA	\$77.41	\$93.12	\$71.19	\$56.84	\$56.33	\$92.52	\$53.03	
<b>CHANNELIZATION</b>											
<b>DS3 Channelization (DS3 to DS1)</b>											
per Channelized System per month	SATCS	\$210.87	\$213.22	\$173.51	\$236.32	\$245.84	\$229.30	\$226.81	\$204.07	\$225.59	
NRC - 1st	SATCS	\$355.25	\$280.12	\$284.43	\$425.41	\$259.76	\$356.80	\$351.95	\$423.77	\$265.08	
NRC - Add'l	SATCS	\$245.86	\$198.07	\$199.98	\$303.33	\$182.64	\$247.40	\$243.76	\$295.21	\$185.94	
NRC - 1st - Disconnect	SATCS	\$78.43	\$64.06	\$66.76	NA	\$60.96	\$79.94	\$77.90	NA	\$61.09	
NRC - Add'l - Disconnect	SATCS	\$63.70	\$52.60	\$55.25	NA	\$50.46	\$65.20	\$63.32	NA	\$50.31	
NRC - Channel System - Incremental Cost - Manual Svc Order - 1st	SOMAC	\$28.44	NA	\$21.61	\$41.47	\$19.74	\$26.95	\$28.13	\$43.41	\$21.71	

BELLSOUTH/IDS LONG DISTANCE RATES  
LOCAL INTERCONNECTION

DESCRIPTION	USOC	RATES BY STATE									
		AL	FL	GA	KY	LA	MS	NC	SC	TN	
NRC - Channel System - Incremental Cost - Manual Svc. Order - Add'l	SOMAC	\$13.47	NA	\$9.61	NA	\$8.77	\$11.98	\$13.33	\$15.36	\$10.46	
NRC - Channel System - Incremental Cost - Manual Svc. Order - Disconnect - 1st	SOMAC	\$18.46	NA	\$13.61	NA	\$12.43	\$16.97	\$18.26	NA	\$14.21	
NRC - Channel System - Incremental Cost - Manual Svc. Order - Disconnect - Add'l	SOMAC	\$1.50	NA	NA	NA	NA	NA	\$1.48	NA	\$1.46	
per interface per month	SATCO	\$4.53	\$6.31	\$7.13	\$8.52	\$7.55	\$5.58	\$4.61	\$9.69	\$3.91	
NRC - 1st	SATCO	\$15.85	\$13.39	\$13.45	\$15.86	\$12.29	\$15.85	\$15.76	\$15.54	\$12.61	
NRC - Add'l	SATCO	\$11.35	\$9.59	\$9.63	\$11.36	\$8.80	\$11.35	\$11.28	\$11.13	\$9.03	
<b>DS1 Channelization (DS1 to DS0)</b>											
per Channelized System per month	SATC1	\$139.58	\$163.88	\$137.97	\$200.01	\$209.87	\$146.87	\$177.72	\$179.81	\$165.21	
NRC - 1st	SATC1	\$269.98	\$208.64	\$212.01	\$302.82	\$193.63	\$271.52	\$267.19	\$304.00	\$197.21	
NRC - Add'l	SATC1	\$163.04	\$126.61	\$129.60	\$184.20	\$118.37	\$164.56	\$161.43	\$178.92	\$119.99	
NRC - 1st - Disconnect	SATC1	\$34.88	\$26.42	\$28.95	NA	\$26.44	\$36.38	\$34.55	NA	\$25.66	
NRC - Add'l - Disconnect	SATC1	\$21.32	\$15.95	\$18.43	NA	\$16.83	\$22.82	\$21.14	NA	\$15.81	
NRC - Channel System - Incremental Cost - Manual Svc. Order - 1st	SOMAC	\$28.44	NA	\$21.61	\$41.47	\$19.74	\$26.95	\$28.13	\$43.41	\$21.71	
NRC - Channel System - Incremental Cost - Manual Svc. Order - Add'l	SOMAC	\$13.47	NA	\$9.61	\$11.99	\$8.77	\$11.98	\$13.33	\$15.36	\$10.46	
NRC - Channel System - Incremental Cost - Manual Svc. Order - Disconnect - 1st	SOMAC	\$18.46	NA	\$13.61	NA	\$12.43	\$16.97	\$18.26	NA	\$14.21	
NRC - Channel System - Incremental Cost - Manual Svc. Order - Disconnect - Add'l	SOMAC	\$1.50	NA	NA	NA	NA	NA	\$1.48	NA	\$1.46	
<b>DS1 Channelization Interfaces</b>											
per CC-LDP(data) card per month(2.4-64kbps)	SATSA	\$2.61	\$3.13	\$2.65	\$2.94	\$3.12	\$2.86	\$2.88	\$3.36	\$2.46	
1st	SATSA	\$15.85	\$13.39	\$13.45	\$15.86	\$12.29	\$15.85	\$15.76	\$15.54	\$12.61	
Add'l	SATSA	\$11.35	\$9.59	\$9.63	\$11.36	\$8.80	\$11.35	\$11.28	\$11.13	\$9.03	
per month	SATSA	\$1.26	\$1.78	\$1.48	\$1.40	\$1.62	\$1.45	\$1.64	\$1.93	\$1.25	
1st	SATSA	\$15.85	\$13.39	\$13.45	\$15.86	\$12.29	\$15.85	\$15.76	\$15.54	\$12.61	
Add'l	SATSA	\$11.35	\$9.59	\$9.63	\$11.36	\$8.80	\$11.35	\$11.28	\$11.13	\$9.03	
<b>Local Connection Mid-Span Meet</b>											
Local Channel - Dedicated - DS1											
<b>DS1 Monthly Recurring per month</b>											
NRC - DS1 - 1st	TEFHG	\$17.76	\$22.18	\$19.18	\$21.90	\$21.90	\$19.46	\$17.85	\$18.60	\$20.14	
NRC - DS1 - Add'l	TEFHG	\$251.79	\$123.25	\$178.08	\$269.48	\$174.28	\$247.42	\$268.83	\$267.41	\$138.68	
NRC - DS1 - Disconnect Chg - 1st	TEFHG	\$221.42	\$115.25	\$156.45	\$232.47	\$150.15	\$217.64	\$232.73	\$231.41	\$116.63	
NRC - DS1 - Disconnect Chg - Add'l	TEFHG	\$23.14	NA	NA	NA	\$12.08	\$23.43	NA	NA	\$16.59	
NRC - DS1 - Incremental Charge - Manual Svc. Order - 1st	SOMAC	\$16.09	NA	NA	NA	\$10.66	\$16.51	NA	NA	\$11.15	
NRC - DS1 - Incremental Charge - Manual Svc. Order - Add'l	SOMAC	\$81.95	NA	\$44.22	\$87.71	\$42.34	\$59.58	\$623.82	\$87.99	\$45.68	
NRC - DS1 - Incremental Charge - Manual Svc. Order - Disconnect	SOMAC	\$0.00	NA	NA	NA	NA	NA	\$467.22	\$3.11	\$1.76	
<b>Rates For IDS Long Distance Remote Access Concentrator (RAS) Interconnection</b>											
<b>Port Termination charges apply in all cases</b>											
<b>Per DS1 Port Termination:</b>											
Monthly Recurring Per DS1:	TBD	\$133.89	\$133.14	\$150.86	\$150.11	\$162.95	\$133.22	\$147.71	\$146.06		
Non-recurring per DS1:											
Non-recurring initial DS1	TBD	\$223.59	\$147.07	\$298.18	\$160.49	\$222.81	\$218.28	\$216.27	\$166.53		
Non-recurring per additional DS1	TBD	\$168.60	\$111.75	\$231.23	\$123.03	\$168.92	\$164.55	\$162.70	\$124.84		
NRC - Incremental Charge - Manual Service Order - 1st	TBD	\$40.34	\$18.94	NA	\$26.20	\$36.83	\$38.12	\$39.63	\$30.15		
NRC - Incremental Charge - Manual Service Order - Add'l	TBD	\$40.34	\$18.94	NA	\$26.20	\$36.86	\$38.12	\$39.63	\$31.63		
<b>Per DS3 Port Termination:</b>											
Total Monthly Recurring per DS3:	TBD	\$4,130.93	\$4,178.21	\$4,667.59	\$4,794.16	\$5,105.69	\$4,237.73	\$4,666.49	\$4,611.99		
Total Non-recurring per DS3:											
Non-recurring initial DS3	TBD	\$961.93	\$778.80	\$946.23	\$713.57	\$812.30	\$798.95	\$941.07	\$729.27		
Non-recurring per additional DS3	TBD	\$532.45	\$439.62	\$516.89	\$404.36	\$596.55	\$582.33	\$503.72	\$411.98		
NRC - Incremental Charge - Manual Service Order - 1st	TBD	\$100.19	\$77.41	\$93.12	\$71.19	\$64.97	\$91.37	\$92.52	\$75.98		
NRC - Incremental Charge - Manual Service Order - Add'l	TBD	\$100.19	\$77.41	\$93.12	\$71.19	\$64.97	\$91.37	\$92.52	\$75.98		
<b>See Channelization rates in this Exhibit.</b>											

BELLSOUTH/IDS LONG DISTANCE RATES  
LOCAL INTERCONNECTION

DESCRIPTION	USOC	RATES BY STATE								
		AL	FL	GA	KY	LA	MS	NC	SC	TN
<b>Switching and Transport:</b>										
In addition to Port Termination charges, these charges apply to BellSouth calls originating from BellSouth rate centers that are "intraLATA toll" to the rate center where IDS Long Distance's RAS is located.										
<b>Interoffice Transport - Dedicated Per DS1</b>										
Per Mile per month	TBD	\$0.69200	\$0.45230	\$0.45000	\$0.78310	\$0.65980	\$0.57590	\$0.75980	\$0.35250	
Facility Termination per Month	TBD	\$79.69	\$78.47	\$55.05	\$93.40	\$74.40	\$71.32	\$94.98	\$75.83	
Non-recurring Initial DS1	TBD	\$223.59	\$147.07	\$298.18	\$160.49	\$222.81	\$218.28	\$216.27	\$166.53	
Non-recurring per additional DS1	TBD	\$168.60	\$111.75	\$231.23	\$123.03	\$168.92	\$164.55	\$162.70	\$124.84	
NRC - Incremental Charge - Manual Service Order - 1st	TBD	\$40.34	\$18.94	NA	\$26.20	\$36.83	\$38.12	\$39.63	\$30.15	
NRC - Incremental Charge - Manual Service Order - Add'l	TBD	\$40.34	\$18.94	NA	\$26.20	\$36.86	\$38.12	\$39.63	\$31.63	
<b>Interoffice Transport - Dedicated Per DS3</b>										
Per Mile per month	TBD	\$12.56	\$6.53	\$12.62	\$14.04	\$15.02	\$13.00	\$19.08	\$5.89	
Facility Termination per Month	TBD	\$771.60	\$725.53	\$1,204.00	\$1,101.00	\$744.38	\$720.65	\$960.82	\$760.20	
Non-recurring Initial DS3	TBD	\$961.93	\$778.80	\$946.23	\$713.57	\$812.30	\$798.95	\$941.07	\$729.27	
Non-recurring per additional DS3	TBD	\$532.45	\$439.62	\$516.89	\$404.36	\$596.55	\$582.33	\$503.72	\$411.98	
NRC - Incremental Charge - Manual Service Order - 1st	TBD	\$100.19	\$77.41	\$93.12	\$71.19	\$64.97	\$91.37	\$92.52	\$75.98	
NRC - Incremental Charge - Manual Service Order - Add'l	TBD	\$100.19	\$77.41	\$93.12	\$71.19	\$64.97	\$91.37	\$92.52	\$75.98	
<b>Common Transport:</b>										
Per Mile per MOU	TBD	\$0.0000100	\$0.0000080	\$0.0000049	\$0.0000083	\$0.0000091	\$0.0000400	\$0.0000121	\$0.0000400	
Facility Termination - Per MOU	TBD	\$0.0004500	\$0.0004152	\$0.0004260	\$0.0004700	\$0.0004281	\$0.0003600	\$0.0004672	\$0.0003600	
<b>Trunk Switching:</b>										
Per MOU	TBD	\$0.0006300	\$0.0006757	\$0.0010960	\$0.0043000	\$0.0007834	\$0.0015000	\$0.0006843	\$0.0006760	
Shared trunk port per port per MOU (EO side)	TBD	\$0.0003300	\$0.0002126	\$0.0003796	\$0.0003000	\$0.0002834	\$0.0003693	\$0.0004034	\$0.0003904	
Total:	TBD	\$0.0009600	\$0.0008863	\$0.0014756	\$0.0046000	\$0.0010668	\$0.0018693	\$0.0010877	\$0.0010664	
<b>NOTES:</b>										
If no rate is identified in the contract, the rate for the specific service or function will be as set forth in applicable BellSouth tariff or as negotiated by the parties upon request by either party.										

**Exhibit C**

**Attachment 5 Rates**

**Rates for Interim Number Portability provided for in Attachment 5 of the Agreement**

BELLSOUTH/IDS LONG DISTANCE RATES  
SERVICE PROVIDER  
NUMBER PORTABILITY

DESCRIPTION	USOC	RATES BY STATE								
		AL	FL	GA	KY	LA	MS	NC	SC	TN
<b>INTERSTATE SERVICE PROVIDER NUMBER PORTABILITY</b>										
RCF, per number ported (Business Line), 10 paths	TNPBL	NA	NA	NA	NA	NA	NA	\$2.25	NA	NA
RCF, per number ported (Residence Line), 6 paths	TNPRL	NA	NA	NA	NA	NA	NA	\$1.15	NA	NA
RCF, per number ported (Business Line)	TNPBL	\$2.13	NA	\$2.03	NA	\$2.29	\$2.34	NA	\$2.17	\$1.50
NRC	TNPBL	\$0.66	NA	\$0.51	NA	\$0.49	\$0.6441	NA	\$0.7046	NA
NRC - Disconnect Charge	TNPBL	\$0.07	NA	NA	NA	\$0.05	\$0.0644	\$0.50	NA	NA
RCF, per number ported (Residence Line)	TNPRL	\$2.13	NA	\$2.03	NA	\$2.29	\$2.34	NA	\$2.17	\$1.25
NRC	TNPRL	\$0.66	NA	\$0.51	NA	\$0.49	\$0.6441	NA	\$0.7046	NA
NRC - Disconnect Charge	TNPRL	\$0.07	NA	NA	NA	\$0.05	\$0.0644	\$0.50	NA	NA
RCF, add'l capacity for simultaneous call forwarding, per additional path	N/A	\$0.32	NA	\$0.2836	NA	\$0.38	\$0.3838	NA	\$0.3854	\$0.50
RCF, per service order, per location	(** Bus = TNPBD Res = TNPRD)									
NRC - 1st	TNP++	\$1.44	NA	\$2.10	NA	\$2.02	\$2.84	None	\$1.37	\$25.00
NRC - Add'l	TNP++	\$1.44	NA	\$2.10	NA	\$2.02	\$2.84	None	\$1.37	\$25.00
NRC - Disconnect - 1st	TNP++	\$1.44	NA	NA	NA	\$2.01	\$2.84	NA	NA	NA
NRC - Disconnect - Add'l	TNP++	\$1.44	NA	NA	NA	\$2.01	\$2.84	NA	NA	NA
NRC - Incremental Charge - Manual Service Order - 1st	SOMAN	\$27.37	NA	NA	NA	\$18.14	\$26.52	NA	NA	NA
NRC - Incremental Charge - Manual Service Order - Add'l	SOMAN	\$27.37	NA	NA	NA	\$18.14	\$26.52	NA	NA	NA
NRC - Incremental Charge - Manual Service Order - Disconnect - 1st	SOMAN	\$17.77	NA	NA	NA	\$11.41	\$16.06	NA	\$44.70	NA
NRC - Incremental Charge - Manual Service Order - Disconnect - Add'l	SOMAN	\$17.77	NA	NA	NA	\$11.41	\$16.06	NA	\$44.70	NA
<b>INTRASTATE SERVICE PROVIDER NUMBER PORTABILITY</b>										
DID per number ported, Residence - NRC	TNPDR	\$1.18	NA	\$0.93	NA	\$0.89	\$1.17	NA	\$2.25	NA
DID per number ported, Residence - NRC - Disconnect	TNPDR	\$1.18	NA	NA	NA	\$0.90	\$1.17	NA	NA	NA
DID per number ported, Business - NRC	TNPDB	\$1.18	NA	\$0.93	NA	\$0.89	\$1.17	NA	\$2.25	NA
DID per number ported, Business - NRC - Disconnect	TNPDB	\$1.18	NA	NA	NA	\$0.90	\$1.17	NA	NA	NA
DID per service order, per location										
NRC - 1st	TNPRD	\$1.44	NA	\$2.10	NA	\$2.02	\$2.84	NA	\$1.37	NA
NRC - Add'l	TNPRD	\$1.44	NA	\$2.10	NA	\$2.02	\$2.84	NA	\$1.37	NA
NRC - Disconnect - 1st	TNPRD	\$1.44	NA	NA	NA	\$2.01	\$2.84	NA	\$44.70	NA
NRC - Disconnect - Add'l	TNPRD	\$1.44	NA	NA	NA	\$2.01	\$2.84	NA	\$44.70	NA
NRC - Incremental Charge - Manual Service Order - 1st	SOMAN	\$27.37	NA	\$18.94	NA	\$18.14	\$26.52	NA	NA	NA
NRC - Incremental Charge - Manual Service Order - Add'l	SOMAN	\$27.37	NA	NA	NA	\$18.14	\$26.52	NA	NA	NA
NRC - Incremental Charge - Manual Service Order - Disconnect - 1st	SOMAN	\$17.77	NA	NA	NA	\$11.41	\$16.06	NA	NA	NA
NRC - Incremental Charge - Manual Service Order - Disconnect - Add'l	SOMAN	\$17.77	NA	NA	NA	\$11.41	\$16.06	NA	NA	NA
DID, per trunk termination, Initial	TNPT2	\$11.84	NA	\$10.73	NA	\$12.46	\$13.78	NA	\$13.16	NA
DID, per trunk termination, Initial - NRC	TNPT2	\$173.73	NA	\$135.47	NA	\$129.69	\$171.68	NA	\$218.03	NA
DID, per trunk termination, Initial - Disconnect	TNPT2	\$50.43	NA	NA	NA	\$37.85	\$49.86	NA	NA	NA
DID, per trunk termination, Subsequent	TNPT2	\$11.84	NA	\$10.73	NA	\$12.46	\$13.78	NA	\$13.16	NA
DID, per trunk termination, Subsequent - NRC	TNPT2	\$51.36	NA	\$39.63	NA	\$37.85	\$50.69	NA	\$73.63	NA
DID, per trunk termination, Subsequent - Disconnect	TNPT2	\$26.00	NA	NA	NA	\$16.76	\$24.71	NA	NA	NA

NOTES:

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

- 1. If the FCC issues its order implementing a cost recovery mechanism for permanent number portability, the Company will track its costs of providing interim SPNP with sufficient detail to verify this will facilitate the Florida PSC's consideration of the recovery of these costs in 050737-TP. (FL)
- 2. BellSouth and CLEC will each bear their own costs of providing remote call forwarding as an interim number portability option. (KY)

**Exhibit D**

**Attachment 7 Rates**

**Rates for ADUF/AODUF/ODUF**

BELLSOUTH/CLC-1 RATES  
 ODUF/EDOUF/ADUF/CMD8

DESCRIPTION	USOC	RATES BY STATE								
		AL	FL	GA	KY	LA	MS	NC	SC	TN
ODUF: Recording, per message	N/A	\$0.0002	\$0.008	\$0.008	\$0.0008611	\$0.00019	\$0.0001179	\$0.008	\$0.0002862	\$0.008
ODUF: Message Processing, per message	N/A	\$0.0033	\$0.004	\$0.004	\$0.0032357	\$0.0024	\$0.0032089	\$0.004	\$0.0032344	\$0.004
EDOUF: Message Processing, per message	N/A	\$0.004	\$0.004	\$0.004	\$0.004	\$0.004	\$0.004	\$0.004	\$0.004	\$0.004
ADUF: Message Processing, per message	N/A	\$0.004	\$0.004	\$0.004	\$0.004	\$0.004	\$0.004	\$0.004	\$0.004	\$0.004
CMD8: Message Processing, per message	N/A	\$0.004	\$0.004	\$0.004	\$0.004	\$0.004	\$0.004	\$0.004	\$0.004	\$0.004
ODUF: Message Processing, per magnetic tape provisioned	N/A	\$55.19	\$54.95	\$54.95	\$55.68	\$47.30	\$54.62	\$54.95	\$54.72	\$54.95
EDOUF: Message Processing, per magnetic tape provisioned	N/A	\$47.30	\$47.30	\$47.30	\$47.30	\$47.30	\$47.30	\$47.30	\$47.30	\$47.30
ODUF: Data Transmission (CONNECT:DIRECT), per message	N/A	\$0.00004	\$0.001	\$0.001	\$0.0000365	\$0.00003	\$0.0000354	\$0.001	\$0.0000357	\$0.001
EDOUF: Data Transmission (CONNECT:DIRECT), per message	N/A	\$0.0000364	\$0.0000364	\$0.0000364	\$0.0000364	\$0.0000364	\$0.0000364	\$0.0000364	\$0.0000364	\$0.0000364
ADUF: Data Transmission (CONNECT:DIRECT), per message	N/A	\$0.001	\$0.001	\$0.001	\$0.001	\$0.001	\$0.001	\$0.001	\$0.001	\$0.001
CMD8: Data Transmission (CONNECT:DIRECT), per message	N/A	\$0.001	\$0.001	\$0.001	\$0.001	\$0.001	\$0.001	\$0.001	\$0.001	\$0.001

NOTES:

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

BELLSOUTH/IDS LONG DISTANCE RATES  
 NETWORK ELEMENTS  
 AND OTHER SERVICES

1	BellSouth and CLEC shall negotiate rates for this offering. If agreement is not reached within sixty (60) days of the Effective Date, either party may petition the Florida PSC to settle the disputed charge or charges. (FL)																			
2	This rate element is for those states w/o separate rates for 800 calls with 800 No. Delivery vs. POTS No. Delivery and calls with Optional Complex Features vs. w/o Optional Complex Features.																			
3	This charge is only applicable where signaling usage measurement or billing capability does not exist.																			
4	Prices for AIN to be determined upon development of mediation device. (TN)																			
5	Price for Line Class Codes for Selective Routing shall be determined by the TRA. (TN)																			