

ORIGINAL

BELLSOUTH

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July 9, 2004

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

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04 JUL -9 PM 4:37
COMMISSION
CLERK

040723-TP

Re: Approval of Amendment to the Interconnection, Unbundling, Resale and Collocation Agreement between BellSouth Telecommunications, Inc. ("BellSouth") and Home Town Telephone, LLC

Dear Mrs. Bayo:

Please find enclosed for filing and approval, the original and two copies of BellSouth Telecommunications, Inc.'s Amendment to Interconnection, Unbundling, Resale and Collocation Agreement with Home Town Telephone, LLC

If you have any questions, please do not hesitate to call Robyn Holland at (850) 222-9380.

Very truly yours,

Marshall M Criser III/pt

Regulatory Vice President

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FPSC-COMMISSION CLERK

**Amendment to the Agreement
Between
Home Town Telephone, LLC.
and
BellSouth Telecommunications, Inc.
Dated March 4, 2004**

5

Pursuant to this Amendment, (the "Amendment"), Home Town Telephone, LLC (HTT), and BellSouth Telecommunications, Inc. ("BellSouth"), hereinafter referred to collectively as the "Parties," hereby agree to amend that certain Interconnection Agreement between the Parties dated March 4, 2004 ("Agreement") to be effective fifteen (15) calendar days after the date of the last signature executing the Amendment.

WHEREAS, BellSouth and HTT entered into the Agreement on March 4, 2004,
and;

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

1. The Parties agree to renumber terms, conditions and rates for Attachments 1 through 9 as follows:

Attachment 2 - Network Interconnection
Attachment 3 - Collocations - Central Office and Remote Site
Attachment 4 - Access to Numbers and Number Portability
Attachment 5 - Ordering
Attachment 6 - Billing
Attachment 7 - Rights-of-Way
Attachment 8 - Performance Measurements
Attachment 9 - Disaster Recovery Plan
Attachment 10 - BFR and NBR Process

2. The Parties agree to add Attachment 1, Network Elements terms, conditions and rates in Exhibit 1, attached hereto and incorporated herein by this reference.
3. The Parties agree to add Section 10 to Attachment 2, Network Interconnection as follows:

10 BASIC 911 AND E911 INTERCONNECTION

- 10.1 Basic 911 and E911 provides a caller access to the applicable emergency service bureau by dialing 911.
- 10.2 Basic 911 Interconnection. BellSouth will provide to HTT 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

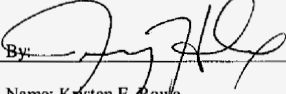
subscribing to 911. HTT will be required to arrange to accept 911 calls from its end users in municipalities that subscribe to Basic 911 service and translate the 911 call to the appropriate 10-digit directory number as stated on the list provided by BellSouth. HTT will be required to route that call to BellSouth at the appropriate 911 tandem. When a municipality converts to E911 service, HTT will be required to begin using E911 procedures.

- 10.3 **E911 Interconnection.** HTT shall install a minimum of two dedicated trunks originating from its Serving Wire Center and terminating to the appropriate E911 tandem. The Serving Wire Center must be in the same LATA as the E911 tandem. The dedicated trunks shall be, at a minimum, DS0 level trunks configured as part of a digital (1.544 Mb/s) interface (DS1 facility). The configuration shall use CAMA-type signaling with multifrequency (MF) pulsing that will deliver 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. HTT will be required to provide BellSouth daily updates to the E911 database. HTT 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, HTT will be required to route the call to a designated 7-digit or 10-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. HTT 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.
- 10.4 **Rates.** BellSouth will impose applicable charges on HTT for BellSouth trunking arrangements. Rates for trunking arrangements are as set forth in Exhibit A of this Attachment. In addition HTT will be responsible for charges for the facilities that the E911 trunks will ride. Facility rates are as set forth in the access tariff.
- 10.5 The detailed practices and procedures for 911/E911 interconnection are contained in the E911 Local Exchange Carrier Guide For Facility-Based Providers as amended from time to time during the term of this Agreement.
4. All of the other provisions of the Agreement, dated March 4, 2004, shall remain in full force and effect.
5. Either or both of the Parties are authorized to submit this Amendment to the respective state regulatory authorities for approval subject to Section 252(e) of the Federal Telecommunications Act of 1996.

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

•

BellSouth Telecommunications, Inc.

By: 

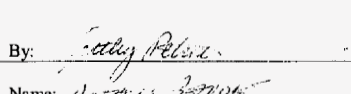
Name: Kristen E. Rowe

Title: Director

Date: 06-24-04

for

Home Town Telephone, LLC

By: 

Name: Matthew J. Spivey

Title: CEO - mjr

Date: 6/18/04



Attachment 2

Network Elements

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Rates Exhibit A

ACCESS TO NETWORK ELEMENTS

1 Introduction

- 1.1 **This Attachment** sets forth rates, terms and conditions for Network Elements and combinations of Network Elements that BellSouth agrees to offer to HTT in accordance with its obligations under Section 251(c)(3) of the Act. Additionally, this Attachment sets forth the rates, terms and conditions for other facilities and services BellSouth makes available to Home Town. The rates for each Network Element are set forth in Exhibit A of this Attachment. Additionally, the provision of a particular Network Element may require HTT to purchase other Network Elements or services. In the event of a conflict between this Attachment and any other section or provision of this Agreement, the provisions of this Attachment shall control.
- 1.2 For purposes of this Agreement, "Network Element" is defined to mean a facility or equipment HTT used in the provision of a qualifying service, as defined by the FCC. HTT may not access a Network Element for the sole purpose of providing non-qualifying services as defined by the FCC.
- 1.3 BellSouth shall, upon request of HTT, and to the extent technically feasible, provide to HTT access to its Network Elements for the provision of HTT's qualifying services. If no rate is identified in this Agreement, the rate will be as set forth in the applicable BellSouth tariff or as negotiated by the Parties upon request by either Party.
- 1.4 HTT may purchase and use Network Elements from BellSouth in accordance with 47 C.F.R 51.309.
- 1.5 BellSouth shall comply with the requirements as set forth in the technical references within this Attachment 2.
- 1.6 To the extent any Network Elements or services, terms and conditions contained herein are based upon FCC rules and orders that are vacated by the DC Circuit Court of Appeals in an effective order, such Network Elements and services shall no longer be available pursuant to this Attachment. Upon the effective date of such order, Home Town will not attempt to order any such Network Element or services that are subject to the vacatur. BellSouth and Home Town will work cooperatively to transition the embedded base of such Network Elements and services to tariffed services or to services offered pursuant to a separate commercial agreement, provided that the appropriate tariff rate or rate set forth in such commercial agreement shall apply from the effective date of the vacatur. In the event Home Town has not entered into a separate commercial agreement, or transitioned such services to a tariffed service, or if the parties are unable to agree on a transition schedule for the embedded base Network Elements or services

within thirty (30) calendar days of the effective date of the vacatur, BellSouth may disconnect those Network Elements or services upon thirty (30) calendar days notice. If Home Town has not entered into a commercial agreement necessary for certain Network Elements or services, and BellSouth disconnects such Network Elements or services pursuant to the preceding sentence, BellSouth's then current market rates shall apply to such Network Elements or services from the effective date for the vacatur until disconnection.

- 1.7 Upon request, BellSouth shall convert a wholesale service, or group of wholesale services, to the equivalent unbundled Network Element that is available to HTT under Section 251(c)(3) of the Telecommunications Act of 1996. Nonrecurring switch-as-is rates for conversion of Network Elements are contained in Exhibit A of this Attachment. Conversion of a wholesale service or group of wholesale services shall be considered termination for purposes of any volume and/or term commitments and/or grandfathered status between HTT and BellSouth. Any change from a wholesale service to a Network Element that requires a physical rearrangement of the Network Element will not be considered a conversion for purposes of this Agreement.
- 1.8 HTT may utilize Network Elements and services to provide services as long as such services are consistent with industry standards and applicable BellSouth Technical References.
- 1.9 Notwithstanding any other provision of this Agreement, BellSouth will not commingle or combine Network Elements with any service, network element or other offering that it is obligated to make available only pursuant to Section 271 of the Act.
- 1.10 If HTT reports a trouble on a Network Element or Other Service and no trouble actually exists on the BellSouth portion, BellSouth will charge HTT for any dispatching and testing (both inside and outside the Central Office (CO)) required by BellSouth in order to confirm the working status.
- 1.11 **Rates**
 - 1.11.1 The prices that HTT shall pay to BellSouth for Network Elements and services are set forth in Exhibit A to this Attachment. If HTT purchases a service(s) from a tariff, all terms and conditions and rates as set forth in such tariff shall apply.
 - 1.11.2 Rates, terms and conditions for order cancellation charges and Service Date Advancement Charges will apply in accordance with Attachment 6 and are incorporated herein by this reference.
 - 1.11.3 If HTT modifies an order (Order Modification Charge (OMC)) after being sent a Firm Order Confirmation (FOC) from BellSouth, any costs incurred by BellSouth

to accommodate the modification will be paid by HTT in accordance with FCC No. 1 Tariff, Section 5.

- 1.11.4 A one-month minimum billing period shall apply to all Network Elements and services.

2 Unbundled Loops

2.1 General

- 2.1.1 Upon the Effective Date of this Amendment, BellSouth will provide unbundled DS1, DS3 and STS Loops to Home Town consistent with the terms and conditions contained herein.

- 2.1.1.1 The Loop does not include any packet switched features, functions or capabilities.

- 2.1.1.2 For hybrid loops, where HTT seeks access to a hybrid loop for the provision of broadband services, BellSouth shall provide HTT with nondiscriminatory access to the time division multiplexing features, functions and capabilities of that hybrid loop, including DS1 or DS3, on an unbundled basis to establish a complete transmission path between BellSouth's central office and an End User's customer premises.

- 2.1.1.3 HTT may not purchase Loops or convert Special Access circuits to Loops if such Loops will be used to provide wireless telecommunications services.

2.1.2 Loop Testing/Trouble Reporting

- 2.1.2.1 HTT will be responsible for testing and isolating troubles on the Loops. HTT must test and isolate trouble to the BellSouth portion of an unbundled Loop before reporting repair to the UNE Customer Wholesale Interconnection Network Services (CWINS) Center. Upon request from BellSouth at the time of the trouble report, HTT will be required to provide the results of the HTT test which indicate a problem on the BellSouth provided Loop.

- 2.1.2.2 Once HTT has isolated a trouble to the BellSouth provided Loop, and had issued a trouble report to BellSouth on the Loop, BellSouth will take the actions necessary to repair the Loop if a trouble actually exists. BellSouth will repair these Loops in the same time frames that BellSouth repairs similarly situated Loops to its End Users.

- 2.1.2.3 If HTT reports a trouble on a non-designed or designed Loop and no trouble actually exists, BellSouth will charge HTT for any dispatching and testing (both inside and outside the CO) required by BellSouth in order to confirm the Loop's working status.

2.1.2.4 In the event BellSouth must dispatch to the end-user's location more than once due to incorrect or incomplete information provided by HTT (e.g., incomplete address, incorrect contact name/number, etc.), BellSouth will bill HTT for each additional dispatch required to repair the circuit due to the incorrect/incomplete information provided. BellSouth will assess the applicable Maintenance of Service rates from BellSouth's FCC or state tariffs.

2.1.3 Order Coordination and Order Coordination-Time Specific

2.1.3.1 "Order Coordination" (OC) allows BellSouth and HTT to coordinate the installation of the SL2 Loops, Unbundled Digital Loops (UDL) and other Loops where OC may be purchased as an option, to HTT's facilities to limit End User service outage. OC is available when the Loop is provisioned over an existing circuit that is currently providing service to the End User. OC for physical conversions will be scheduled at BellSouth's discretion during normal working hours on the committed due date. OC shall be provided in accordance with the chart set forth below.

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

2.1.3.3

	Order Coordination (OC)	Order Coordination – Time Specific (OC-TS)	Test Points	DLR	Charge for Dispatch and Testing if No Trouble Found
Unbundled Digital Loop (Designed)	Included	Chargeable Option	Included (where appropriate)	Included	Charged for Dispatch outside Central Office

2.1.4 Ordering Guidelines and Processes

- 2.1.4.1 For information regarding Ordering Guidelines and Processes for various UNEs, HTT should refer to the "Guides" section of the BellSouth Interconnection website, which is incorporated herein by reference, as amended from time to time. The website address is: <http://www.interconnection.bellsouth.com/>
- 2.1.4.2 ⁴ Additional information may also be found in the individual CLEC Information Packages, as amended from time to time and which are incorporated herein by reference, located at the "CLEC UNE Products" website at the following address: <http://www.interconnection.bellsouth.com/guides/html/unes.html>.
- 2.2 **Unbundled Digital Loops**
- 2.2.1 BellSouth will offer Unbundled Digital Loops (UDL). UDLs are service specific, will be designed, will be provisioned with test points (where appropriate), and will come standard with OC and a DLR. The various UDLs are intended to support a specific digital transmission scheme or service.
- 2.2.2 BellSouth shall make available the following UDLs, subject to restrictions set forth herein:
- 2.2.2.1 4-wire Unbundled DS1 Digital Loop
- 2.2.2.2 DS3 Loop
- 2.2.2.3 STS-1 Loop
- 2.2.3 4-Wire Unbundled DS1 Digital Loop. This is a designed 4-wire Loop that is provisioned according to industry standards for DS1 or Primary Rate ISDN services and will come standard with a test point, OC, and a DLR. A DS1 Loop may be provisioned over a variety of loop transmission technologies including copper, HDSL-based technology or fiber optic transport systems. It will include a 4-Wire DS1 Network Interface at the End User's location.
- 2.2.4 DS3 Loop. DS3 Loop is a two-point digital transmission path which provides for simultaneous two-way transmission of serial, bipolar, return-to-zero isochronous digital electrical signals at a transmission rate of 44.736 megabits per second (Mbps) that is dedicated to the use of the ordering CLEC in its provisioning of local exchange and associated exchange access services. It may provide transport for twenty-eight (28) DS1 channels, each of which provides the digital equivalent of twenty-four (24) analog voice grade channels. The interface to unbundled dedicated DS3 transport is a metallic-based electrical interface.
- 2.2.5 STS-1 Loop. STS-1 Loop is a high-capacity digital transmission path with SONET VT1.5 mapping that is dedicated for the use of the ordering customer for the purpose of provisioning local exchange and associated exchange access services. It is a two-point digital transmission path which provides for

simultaneous two-way transmission of serial bipolar return-to-zero synchronous digital electrical signals at a transmission rate of 51.84 megabits per second (Mbps). It may provide transport for twenty-eight (28) DS1 channels, each of which provides the digital equivalent of twenty-four (24) analog voice grade channels. The interface to unbundled dedicated STS-1 transport is a metallic-based electrical interface.

- 2.2.6 Both DS3 Loop and STS-1 Loop require a Service Inquiry (SI) in order to ascertain availability.
- 2.2.7 If DS3/STS-1 Loops are not readily available but can be made available through routine network modifications, as defined by the FCC, HTT may request BellSouth to perform such routine network modifications. The request may not be used to place fiber. Each request will be handled as a project on an individual case basis. BellSouth will provide a price quote for the request, and upon receipt of payment by HTT, BellSouth shall perform the routine network modifications.
- 2.2.8 DS3 services come with a test point and a DLR. Mileage is airline miles, rounded up and a minimum of one mile applies. BellSouth TR 73501 LightGate® Service Interface and Performance Specifications, Issue D, June 1995 applies to DS3 services.
- 2.2.9 HTT may access a total capacity of two (2) DS3s per End User location at the Network Element rates set forth in Exhibit A.

2.3 Dark Fiber Loop

- 2.3.1 Dark Fiber Loop is an unused optical transmission facility, without attached signal regeneration, multiplexing, aggregation or other electronics, from the demarcation point at an End User's premises to the End User's serving wire center. Dark Fiber Loops may be strands of optical fiber existing in aerial or underground structure. BellSouth will not provide line terminating elements, regeneration or other electronics necessary for HTT to utilize Dark Fiber Loops.
- 2.3.2 If Dark Fiber Loop is not readily available but can be made available through routine network modifications, as defined by the FCC, HTT may request BellSouth to perform such routine network modifications. The request may not be used to place fiber. Each request will be handled as a project on an individual case basis. BellSouth will provide a price quote for the request, and upon receipt of payment by HTT, BellSouth shall perform the routine network modifications.
- 2.3.3 **Requirements**
- 2.3.3.1 BellSouth shall make available Dark Fiber Loop where it exists in BellSouth's network and where, as a result of future building or deployment, it becomes available. Dark Fiber Loop will not be deemed available if: (1) it is used by

BellSouth for maintenance and repair purposes; (2) it is designated for use pursuant to a firm order placed by another customer; (3) it is restricted for use by all carriers, including BellSouth, because of transmission problems or because it is scheduled for removal due to documented changes to roads and infrastructure; or (4) BellSouth has plans to use the fiber within a two-year planning period. BellSouth is not required to place the fiber for Dark Fiber Loop if none is available.

- 2.3.3.2 HTT is solely responsible for testing the quality of the Dark Fiber to determine its usability and performance specifications.
- 2.3.3.3 BellSouth shall use its commercially reasonable efforts to provide to HTT information regarding the location, availability and performance of Dark Fiber Loop within ten (10) business days after receiving a SI from HTT.
- 2.3.3.4 If the requested Dark Fiber Loop is available, BellSouth shall use commercially reasonable efforts to provision the Dark Fiber Loop to HTT within twenty (20) business days after HTT submits a valid, error free LSR. Provisioning includes identification of appropriate connection points (e.g., Light Guide Interconnection (LGX)) to enable HTT to connect HTT provided transmission media (e.g., optical fiber) or equipment to the Dark Fiber Loop.

3. Transport, Channelization and Dark Fiber

3.1 Transport

- 3.1.1 BellSouth shall provide nondiscriminatory access, in accordance with FCC Rules 51.311, 51.319, and Section 251(c)(3) of the Act to interoffice transmission facilities described in this Section 3 on an unbundled basis to HTT for the provision of a qualifying service, as set forth herein.
 - 3.1.1.1 Dedicated Transport is defined as BellSouth's interoffice transmission facilities, dedicated to a particular customer or carrier that HTT uses for transmission between wire centers or switches owned by BellSouth and within the same LATA.
 - 3.1.1.2 Dark Fiber Transport, defined as BellSouth's optical transmission facilities without attached signal regeneration, multiplexing, aggregation or other electronics, between wire centers or switches owned by BellSouth and within the same LATA.
- 3.1.2 BellSouth shall:
 - 3.1.2.1 Provide HTT exclusive use of Dedicated Transport to a particular customer or carrier;
 - 3.1.2.2 Provide all technically feasible features, functions, and capabilities of the transport facility;

- 3.1.2.3 Permit, to the extent technically feasible, HTT to connect such interoffice facilities to equipment designated by HTT, including but not limited to, HTT's collocated facilities; and
- 3.1.2.4 Permit, to the extent technically feasible, HTT to obtain the functionality provided by BellSouth's digital cross-connect systems.

3.2 Dedicated Transport

- 3.2.1 BellSouth shall offer Dedicated Transport in each of the following ways:
 - 3.2.1.1 As capacity on a shared UNE facility.
 - 3.2.1.2 As a circuit (e.g., DS0, DS1, DS3) dedicated to HTT.
- 3.2.2 Dedicated Transport may be provided over facilities such as optical fiber, copper twisted pair, and coaxial cable, and shall include transmission equipment such as line terminating equipment, amplifiers, and regenerators.
- 3.2.3 HTT may obtain a maximum of twelve (12) unbundled dedicated DS3 circuits, or their equivalent, for any single route at the UNE rates set forth in Exhibit A for which dedicated DS3 transport is available as unbundled transport. Additional capacity may be purchased pursuant to the rates, terms and conditions as set forth in the applicable tariff. A route is defined as a transmission path between one of BellSouth's wire centers or switches and another of BellSouth's wire centers or switches. A route between two (2) points may pass through one or more intermediate wire centers or switches. Transmission paths between identical end points are the same "route", irrespective of whether they pass through the same intermediate wire centers or switches, if any.
- 3.2.4 Any request to re-terminate one end of a circuit will require the issuance of new service and disconnection of the existing service and the applicable charges in Exhibit A shall apply, and the re-terminated circuit shall be considered a new circuit as of the installation date.
- 3.2.5 If Dedicated Transport is not readily available but can be made available through routine network modifications, as defined by the FCC, HTT may request BellSouth to perform such routine network modifications. The request may not be used to place fiber. Each request will be handled as a project on an individual case basis. BellSouth will provide a price quote for the request, and upon receipt of payment by HTT, BellSouth shall perform the routine network modifications.
- 3.2.6 **Technical Requirements**
 - 3.2.6.1 The entire designated transmission service (e.g., DS1, DS3) shall be dedicated to HTT designated traffic.

- 3.2.6.2 For DS1 or DS3 circuits, Dedicated Transport shall at a minimum meet the performance, availability, jitter, and delay requirements specified for Customer Interface to Central Office (CI to CO) connections in the applicable industry standards.
- 3.2.6.3 ⁵ BellSouth shall offer the following interface transmission rates for Dedicated Transport:
 - 3.2.6.3.1 DS1;
 - 3.2.6.3.2 DS3; and
 - 3.2.6.3.3 SDH (Synchronous Digital Hierarchy) Standard interface rates are in accordance with International Telecommunications Union (ITU) Recommendation G.707 and Plesiochronous Digital Hierarchy (PDH) rates per ITU Recommendation G.704.
- 3.2.6.4 BellSouth shall design Dedicated Transport according to its network infrastructure. HTT shall specify the termination points for Dedicated Transport.
- 3.2.6.5 At a minimum, Dedicated Transport shall meet each of the requirements set forth in the applicable industry technical references.
- 3.2.6.6 BellSouth Technical References:
 - 3.2.6.6.1 TR-TSY-000191 Alarm Indication Signals Requirements and Objectives, Issue 1, May 1986.
 - 3.2.6.6.2 TR 73501 LightGate®Service Interface and Performance Specifications, Issue D, June 1995.
 - 3.2.6.6.3 TR 73525 MegaLink®Service, MegaLink Channel Service and MegaLink Plus Service Interface and Performance Specifications, Issue C, May 1996.
- 3.3 Unbundled Channelization (Multiplexing)
 - 3.3.1 Unbundled Channelization (UC) provides the optional multiplexing capability that will allow a DS1 (1.544 Mbps) or DS3 (44.736 Mbps) or STS-1 (51.84 Mbps) UNE or collocation cross connect to be multiplexed or channelized at a BellSouth central office. Channelization can be accomplished through the use of a multiplexer or a digital cross connect system at the discretion of BellSouth. Once UC has been installed, HTT may request channel activation on an as needed basis and BellSouth shall connect the requested facilities via Central Office Channel Interfaces (COCI's). The COCI must be compatible with the lower capacity facility and ordered with the lower capacity facility. This service is available as defined in NECA 4.
 - 3.3.2 BellSouth shall make available the following channelization systems and interfaces:

- 3.3.2.1 DS1 Channelization System: channelizes a DS1 signal into a maximum of twenty-four (24) DS0s. The following Central Office Channel Interfaces (COCI) are available: Voice Grade, Digital Data and ISDN.
- 3.3.2.2 DS3 Channelization System: channelizes a DS3 signal into a maximum of twenty-eight (28) DS1s. A DS1 COCI is available with this system.
- 3.3.2.3 STS-1 Channelization System: channelizes a STS-1 signal into a maximum of twenty-eight (28) DS1s. A DS1 COCI is available with this system.
- 3.3.2.4 AMI and B8ZS line coding with either Super Frame (SF) and Extended Super Frame (ESF) framing formats will be supported as an optional feature on DS1 facilities.

3.3.3 Technical Requirements

- 3.3.3.1 In order to assure proper operation with BellSouth provided central office multiplexing functionality, HTT's channelization equipment must adhere strictly to form and protocol standards. HTT must also adhere to such applicable industry standards for the multiplex channel bank, for voice frequency encoding, for various signaling schemes, and for sub rate digital access.
- 3.3.3.2 TR 73501 LightGate[®]Service Interface and Performance Specifications, Issue D, June 1995.

3.4 Dark Fiber Transport

- 3.4.1 Dark Fiber Transport is strands of optical fiber existing in aerial or underground structure. BellSouth will not provide line terminating elements, regeneration or other electronics necessary for HTT to utilize Dark Fiber Transport.
- 3.4.2 If Dark Fiber Transport is not readily available but can be made available through routine network modifications, as defined by the FCC, HTT may request BellSouth to perform such routine network modifications. The request may not be used to place fiber. Each request will be handled as a project on an individual case basis. BellSouth will provide a price quote for the request, and upon receipt of payment by HTT, BellSouth shall perform the routine network modifications.

3.4.3 Requirements

- 3.4.3.1 BellSouth shall make available Dark Fiber Transport where it exists in BellSouth's network and where, as a result of future building or deployment, it becomes available. Dark Fiber Transport will not be deemed available if (1) it is used by BellSouth for maintenance and repair purposes, (2) it is designated for use pursuant to a firm order placed by another customer, (3) it is restricted for use by all carriers, including BellSouth, because of transmission problems or because it is

scheduled for removal due to documented changes to roads and infrastructure, or (4) BellSouth has plans to use the fiber within a two-year planning period. BellSouth is not required to place fibers for Dark Fiber Transport if there are none available.

- 3.4.3.2 HTT is solely responsible for testing the quality of the Dark Fiber Transport to determine its usability and performance specifications.
- 3.4.3.3 BellSouth shall use its best efforts to provide to HTT information regarding the location, availability and performance of Dark Fiber Transport within ten (10) business days after receiving a request from HTT. Within such time period, BellSouth shall send written confirmation of availability of the Dark Fiber Transport.
- 3.4.3.4 If the requested Dark Fiber Transport is available, BellSouth shall use its commercially reasonable efforts to provision the Dark Fiber Transport to HTT within twenty (20) business days after HTT submits a valid, error free LSR. Provisioning includes identification of appropriate connection points (e.g., LGX) to enable HTT to connect HTT provided transmission media (e.g., optical fiber) or equipment to the Dark Fiber Transport.

4. Automatic Location Identification/Data Management System (ALI/DMS)

- 4.1 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 PSAP to route the call. The ALI/DMS database is used to provide enhanced routing flexibility for E911. HTT will be required to provide BellSouth daily updates to E911 database. HTT shall also be responsible for providing BellSouth with complete and accurate data for submission to the 911/E911 database for the purpose of providing 911/E911 service to its End Users.

4.2 Technical Requirements

- 4.2.1 BellSouth shall provide HTT the capability of providing updates to the ALI/DMS database. BellSouth shall provide error reports from the ALI/DMS database to HTT after HTT provides End User information for input into the ALI/DMS database.
- 4.2.2 HTT shall conform to the National Emergency Number Association (NENA) recommended standards for LNP and updating the ALI/DMS database.

5. Operational Support Systems

- 5.1 BellSouth has developed and made available electronic interfaces by which HTT may submit LSRs electronically.

- 5.2 LSRs submitted by means of one of these electronic interfaces will incur an OSS electronic ordering charge. An individual LSR will be identified for billing purposes by its Purchase Order Number (PON). LSRs submitted by means other than one of these interactive interfaces (mail, fax, courier, etc.) will incur a manual order charge. All OSS charges are specified in Exhibit A of this Attachment.
- 5.3 Denial/Restoral OSS Charge
- 5.3.1 In the event HTT 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.
- 5.4 Cancellation OSS Charge
- 5.4.1 HTT will incur an OSS charge for an accepted LSR that is later canceled.
- 5.5 Supplements or clarifications to a previously billed LSR will not incur another OSS charge.
- 5.6 Network Elements and services Manual Additive
- 5.6.1 The Commissions in some states have ordered per element manual additive nonrecurring charges (NRC) for Network Elements and Other Services ordered by means other than one of the interactive interfaces. These ordered Network Elements and Other Services manual additive NRCs will apply in these states, rather than the charge per LSR. The per element charges are listed in Exhibit A.

CATEGORY	Item #	Zone	BCS	USOC	RATES (\$)	Nonrecuring Discombrct				Attachment 1	
						SOMAN	SOMAN	SOMAN	SOMAN		
						MULTIPLE EXBERS					
					Dark Fiber, Four Fiber Strands, Per Route Mile or Fraction	11.SDF	26.65	751.34	193.98	366.21	230.11
					Dark Fiber, Four Fiber Strands, Per Route Mile or Fraction	UDF_UDFCX					
					Travel per month - Local Loop	11.SDL	\$5.04	751.34	193.98	366.21	230.11
					Local Loop - Local Loop	UDF_UDFCX					
					Travel per month	M33	211.19	193.28	118.84	40.34	39.07
					LS-1 to DST Channel System per month	LUNXCS	211.19	193.28	118.84	40.34	39.07
					DST Channel with Loop per month	USL	13.76	10.07	7.08		
					DST Channel (used for conversion to a diminished DS1 Local	UD1D1					
					Change in the same SVCS as allocation) per month	UD1D1	13.76	10.07	7.08		
					DST Channel per month	UD1D1	13.76	10.07	7.08		
					DST Channel (used for conversion to a diminished DS1 local	UD1D1					
					DST Channel per month	UD1D1	13.76	10.07	7.08		
					DST Channel per month	UD1D1	13.76	10.07	7.08		
					DST Channel per month	UD1D1	13.76	10.07	7.08		
					DST Channel per month	UD1D1	13.76	10.07	7.08		
					DST Channel per month	UD1D1	13.76	10.07	7.08		

NETWORK ELEMENTS - Florida