



# **EXHIBIT OSS – 26**

## **BellSouth Loop Make-Up CLEC Information Package**

---

**BellSouth LMU**

---

---

***BellSouth Loop Makeup (LMU)***

***CLEC  
Information Package***

*(Version 4, April 16, 2001)*

---

---

## Table of Contents

|   |           |
|---|-----------|
| <b>SECTION 1: INTRODUCTION &amp; SCOPE.....</b>       | <b>3</b>  |
| <b>SECTION 2: VERSION HISTORY / CONTROL .....</b>     | <b>4</b>  |
| <b>SECTION 3: SERVICE DESCRIPTION.....</b>            | <b>6</b>  |
| Sec 3.1: Service Description.....                     | 6         |
| Sec 3.2: Features and Benefits... ..                  | 6         |
| <b>SECTION 4: PRE-ORDERING CHECKLIST.....</b>         | <b>7</b>  |
| Sec 4.1: Availability.....                            | 7         |
| Sec 4.2: Billing Information.....                     | 7         |
| <b>SECTION 5: ORDERING INFORMATION FOR LMUSL.....</b> | <b>8</b>  |
| Sec 5.1: Description of Ordering Process .....        | 8         |
| Sec 5.2: Manual Process.....                          | 8         |
| Sec 5.3: Mechanized Process.....                      | 9         |
| <b>SECTION 6: PLACING A UNE SERVICE ORDER.....</b>    | <b>10</b> |
| <b>SECTION 7: CONTRACT SPECIFIC PROVISIONS.....</b>   | <b>11</b> |

---

**BellSouth LMU****Section 1: Introduction & Scope**

This Product Information Package is intended to provide to CLECs a product description and general ordering information specific to the general service offering described herein. Detailed ordering guidelines are provided in documents located on the BellSouth Interconnection Services Web site as specified.

Please contact your BellSouth Account Manager, if you have any questions about the information contained herein.

**Disclaimer Statement:** The information contained in this document is subject to change. BellSouth will provide notification of changes to the document through the CLEC Notification Process.

## BellSouth LMU

### Section 2: Version History / Control

Any future modifications, enhancements, and/or improvements that are made to this Loop Makeup (LMU) CLEC Information Package for BellSouth's LMU Service will be reflected accordingly in this section of the document.

| Section  | Date / Version       | Description   |
|--|----------------------|---|
| Table of Contents (TOC)                              | 07/28/00 – Version 1 | Version 2 (V2) has TOC and entire information package reformatted to include section numbers  |
| Version History / Control                            | 07/28/00 – Version 1 | This section was not required in the first posting release of this package. With V2, this section has been inserted as Section 2  |
| "Submitting a Request for Manual Loop Makeup"        | 07/28/00 – Version 1 | This section has been removed for the V2 posting and relocated to the "BellSouth Loop Makeup (LMU) CLEC Pre-Ordering and Ordering Guide for Manual Loop Makeup" web document  |
| "Guidelines for Interfacing with the CRSG UNE Group" | 07/28/00 – Version 1 | This section has been removed for the V2 posting and relocated to the "BellSouth Loop Makeup (LMU) CLEC Pre-Ordering and Ordering Guide for Manual Loop Makeup" web document  |
| "Loop Makeup Service Inquiry (Form)"                 | 07/28/00 – Version 1 | This form has been removed for the V2 posting and relocated to the "BellSouth Loop Makeup (LMU) CLEC Pre-Ordering and Ordering Guide for Manual Loop Makeup" web document   |
| "Service Description"                                | 07/28/00 - Version 1 | With V2, the section name has been re-titled as "Loop Makeup Service Description"   |
| Section 5: Ordering Information for LMUSI            | 09/15/00 - Version 2 | Sec 5.1 includes updated information for specifying a cancellation on the Manual LMUSI form. The update reads: "CLEC would request a cancellation by checking the box on the Manual LMUSI form."  |
| Section 5: Ordering Information for LMUSI            | 09/15/00 - Version 2 | At the end of Sec 5.2, a paragraph has been inserted redirecting the viewer to the LMU PO&OG web document for detailed instructions on placing Manual LMU requests  |
| Section 3.1: Service Description                     | 10/23/00 - Version 3 | In the 2 <sup>nd</sup> paragraph listing of various components for BellSouth's Loop Makeup Service, the following component was deleted for the time being: "... <i>disturbers in the same or adjacent binder groups;...</i> " (See 10/16/00 Carrier Notification for further details.) |
| Section 5.2: Manual Process                          | 04/16/01 - Version 4 | CRSG receives Manual LMUSI requests via email   |

---

**BellSouth LMU**

|                                 |                      |  |
|---------------------------------|----------------------|--|
| Section 5.2: Manual Process     | 04/16/01 - Version 4 | The standard service interval for the return of a response on Manual LMUSI requests has been reduced from 7 to 3 business days.  |
| Section 5.2: Manual Process     | 04/16/01 - Version 4 | The paragraph containing instruction on the use of the RESID/FRN has been removed. RESID/FRN are addressed more explicitly in the Pre-Ordering & Ordering Guide for Manual LMU |
| Section 5.2: Manual Process     | 04/16/01 - Version 4 | "Date of Service Deployment" has been changed to "Service Availability"  |
| Section 5.3: Mechanized Process | 04/16/01 - Version 4 | In addition to BellSouth's Pre-Ordering Business Rules, CLECs are notified that another document will be posted in April, 2001 to assist with ordering of Mechanized LMU       |
| Section 5.3: Mechanized Process | 04/16/01 - Version 4 | "Date of Service Deployment" has been changed to "Service Availability"  |

## BellSouth LMU

### Section 3: Loop Makeup Service Description

#### Sec 3.1: Service Description

The **Loop Makeup (LMU) Service** described in this Information Package is for access to loop makeup information as a preordering function, *separate from* the placement of any UNE service order. *Loop Makeup Service Inquiries (LMUSI)* for preordering loop makeup are likewise unique from other preordering functions with associated services inquiries (SI).

BellSouth Interconnection Services will offer LMU to its CLEC customers in a manner that is consistent with the requirements of the FCC's Third Report and Order (99-238). This means that BellSouth will provide CLECs access to loop makeup information that consists of the composition of the loop material (copper/fiber); the existence, location and type of equipment on the loop, including but not limited to digital loop carrier or other remote concentration devices, feeder/distribution interfaces, bridge taps, load coils, pair-gain devices; the loop length; the wire gauge; and the electrical parameters of the loop. LMU can be requested using the following rate elements per LMUSI:

| USOC   | Rate Element  |
|--|---|
| • UMKLW  | Loop Makeup - Preordering Without Reservation, per working facility queried (MANUAL)  |
| • UMKLW  | Loop Makeup - Preordering Without Reservation, per spare facility queried (MANUAL) [Maximum No. of Spare Facilities per LMUSI is (3).]      |
| • UMKLP  | Loop Makeup - Preordering With Reservation, per spare facility queried (MANUAL) [Maximum No. of Spare Facilities per LMUSI is (3).]         |
| • <i>tbd*</i>  | Loop Makeup - Preordering Without Reservation, per working facility queried (MECHANIZED)  |
| • <i>tbd*</i>  | Loop Makeup - Preordering Without Reservation, per spare facility queried (MECHANIZED) [Maximum No. of Spare Facilities per LMUSI is (10).] |
| • <i>tbd*</i>  | Loop Makeup - Preordering With Reservation, per spare facility queried (MECHANIZED) [Maximum No. of Spare Facilities per LMUSI is (10).]    |
| <i>* tbd - USOC for LMUSI submitted via the appropriate electronic interface, to be determined</i> |   |

Reserved facilities for which the CLEC does not plan to place a UNE service order should be cancelled by the CLEC in a timely manner.

BellSouth's provision of loop data to the requesting CLEC on working facilities is contingent upon ownership considerations of the loop, whether by BellSouth or the requesting CLEC. CLEC is not authorized to receive loop data should loop be owned by an outside carrier.

Rates for all above elements will need to be included in your contract. Rates may be interim and subject to true-up pending approval of final rates by the respective State Commissions. Commission orders will specify the dates to which true-ups are applicable. *(Continued on next page)*



---

## **BellSouth LMU**

The reservation holding timeframe is a maximum of four days from the time that BellSouth's loop makeup data is returned to the CLEC on the facilities queried. During this holding time that a Service Order is not placed, the reserved facilities are rendered unavailable to other customers, whether for CLEC(s) or for BellSouth.

### **Sec 3.2: Features and Benefits**

CLEC may use BellSouth's Loop Makeup (LMU) Service to determine if the loop queried is capable of supporting xDSL and other advanced data services, as applicable.

It is anticipated that LMU will be ordered most often by CLECs to determine whether or not modifications will be needed in order for the CLEC to provide advanced data services to an end user. The CLEC may request the loop makeup data per a manual or mechanized service inquiry, the Loop Makeup Service Inquiry (LMUSI), for either a working facility or for spare facilities, the number of which as specified in the Rate Element Table in the Service Description.

## **Section 4: Pre-Ordering Checklist**

### **Sec 4.1: Availability**

BST will offer this product in all states. Manual LMUSI will be submitted to BellSouth's Complex Resale Support Group (CRSG/ACCOUNT TEAM); Mechanized LMUSI will obtain loop data from BellSouth's Loop Facilities Assignment and Control System (LFACS). A CLEC's access to BellSouth's loop data, whether by mechanized or manual means, does not constitute a guarantee for the accuracy of such loop data. The information provided will be the information "as is" from BellSouth's hard copy records or BellSouth's databases.

### **Sec 4.2: Billing Information**

LMU will be billed from CABS. All activities herein described and associated with a unique USOC will incur a unique nonrecurring charge. The appropriate USOCs are still being assigned for the Mechanized LMUSI rate elements. Nevertheless, billing for all services rendered under LMU are applicable and shall be assessed to the CLEC.

---

## BellSouth LMU

### Section 5: Ordering Information for LMUSI

#### Sec 5.1: Description of Ordering Process

CLECs may request BellSouth's loop makeup data through six LMUSI types as outlined above in the Rate Elements Table in the Service Description Section per rate element. Should the CLEC wish to cancel a reservation on spare facilities, the cancellation would require the address and the reservation ID(s) (RESID). CLEC would request a cancellation by checking the box on the Manual LMUSI form. *[The reservation ID is also known as a facilities reservation number (FRN). Hereafter within the verbal description of this Information Package, this code will be referred to as the "RESID/FRN".]*

#### Sec 5.2: Manual Process

The CLEC will provide the requested information on the Manual LMUSI form as applicable in order to process the LMUSI on either a working facility or on up to three spare facilities.

- The CLEC will email the Manual LMUSI form to BellSouth's Complex Resale Support Group (CRSG/ACCOUNT TEAM)
- Thereafter, BellSouth personnel from the CRSG/ACCOUNT TEAM will collect the necessary information from the appropriate BellSouth central office to obtain the requested loop data
- The CRSG/ACCOUNT TEAM forwards the updated LMUSI with the loop data to the CLEC. Please note that for inquiries on spare facilities involving a reservation, the LMUSI form will be returned to the CLEC with a unique RESID/FRN for each facility reserved

The **STANDARD SERVICE INTERVAL** for return of a Manual LMUSI is three business days.

For a working pair LMUSI, the end user's address will be required along with either the telephone number or the circuit ID (CKID). For a spare pair LMUSI placed manually, the address of the service location is the only required input.

**SERVICE AVAILABILITY (MANUAL):** *Contingent upon incorporating the necessary service provisions into one's Interconnection Agreement by amendment or new contract, CLECs may start submitting Manual LMUSI requests. Refer to the Section "Contract Specific Provisions".*

For more detailed instructions on submitting a request for Manual LMU, refer to the [BellSouth Loop Makeup \(LMU\) CLEC Pre-Ordering and Ordering Guide for Manual Loop Makeup](#). The Manual LMUSI form is located in this guide.

---

## BellSouth LMU

### Sec 5.3: Mechanized Process

The CLEC will provide the information as prompted by the Operational Support System (OSS) interface for the LMUSI and as applicable to process the Service Inquiry on either a working facility or on up to ten spare facilities. Appropriate OSS interfaces for the mechanized process include LENS, TAG, and RoboTAG. Thereafter, the OSS interface submits the Mechanized LMUSI to LFACS for a response of loop makeup data. For instructions on preparing a Mechanized LMUSI, refer to [BellSouth's Pre-Ordering Business Rules](#). Please note that on April 26, 2001, BellSouth will also post BellSouth's D/CLEC Pre-Ordering & Ordering Guide for Electronic Loop Makeup (LMU) Guide, Version 1, on the BellSouth Interconnection Web Site in the Customer Guides Section.

The **STANDARD SERVICE INTERVAL** for a response to a Mechanized LMUSI is near real time.

For a working pair LMUSI, the end user's address will be required along with either the telephone number or the circuit ID. For a spare pair LMUSI placed mechanically, the required inputs are the address of the service location along with the "Network Channel/Network Channel Interface/Secondary Network Channel Interface" (NC/NCI/SECNCI) code. For further specifications on this code, refer to [BellSouth's Technical Reference TR73600](#).

Once the LMUSI has been initiated by the CLEC via the appropriate OSS interface, loop data will be obtained by means of BellSouth's Loop Facilities Assignment and Control System, formatted according to the configuration of the OSS interface utilized for the CLEC's LMUSI, and returned to the CLEC by such interface. Should the LMUSI requested by the CLEC include a reservation, the response communication to the CLEC will include a RESID/FRN for the entire set of facilities. Future releases of BellSouth's mechanized interfaces for LMU may entail unique RESID/FRNs for each facility reserved.

With the resulting loop data from the Mechanized LMUSI process, should the CLEC decide that it needs further loop data information in order to make a determination of loop qualification for its intended services, the CLEC may initiate a separate Manual LMUSI for a separate nonrecurring charge as identified by the associated USOC for that Manual LMUSI.

**SERVICE AVAILABILITY (MECHANIZED):** *Contingent upon incorporating the necessary service provisions into one's Interconnection Agreement by amendment or new contract, CLECs may start submitting Mechanized LMUSI requests. Refer to the Section "Contract Specific Provisions".*

---

**BellSouth LMU****Section 6: Placing a UNE Service Order**

Once the CLEC has reserved single or multiple spare pairs, the CLEC may determine if it wishes to place an order for **BellSouth Unbundled Loop Modification** CLEC Information Package and/or for a UNE Service Order (e.g. for a 2-wire ADSL compatible loop). For such a UNE Service Order, refer to the **BellSouth Unbundled ADSL/HDSL Compatible Loops** CLEC Information Package.

BellSouth has provided this LMU service to allow the CLEC the opportunity and responsibility of determining the qualification for itself of BellSouth's loops for the specific services that the CLEC wishes to provide over certain loops. BellSouth further recognizes that the CLEC may choose to use equipment that it deems will enable it to provide a certain type and level of service over a particular BellSouth loop. However, such configurations may not match BellSouth's standards and specifications for the intended type and level of service. Accordingly, the CLEC bears full responsibility for being knowledgeable of BellSouth's standards and specifications of BellSouth's loops. The CLEC also bears full responsibility for making the appropriate ordering decisions of matching BellSouth loops with CLEC equipment that will accomplish the CLEC's end goal for the intended service it wishes to provide its end-user(s). The CLEC is responsible for any of its service configurations that may differ from BellSouth's technical standard of that service.

As part of BellSouth's ongoing management efforts of its network, BellSouth reserves the right to change out the originally assigned facility to a CLEC when it placed its UNE service order for another facility that matches the BellSouth technical standards of the loop ordered by the CLEC.

---

**BellSouth LMU****Section 7: Contract Specific Provisions**

Before a Loop Makeup Service Inquiry (LMUSI) may be submitted by the CLEC, the CLEC must have an Interconnection Agreement that includes terms, conditions and rates for the LMUSI(s) being requested. This agreement must be in effect for all states where the CLEC plans to provide telecommunications services, as stipulated in the terms and conditions identifying those states wherein the CLEC is or seeks to become a certified alternative/competitive local exchange carrier for that state.

The information contained herein applies to the preordering LMU general service offering and is part of the standard BellSouth Interconnection Agreement. This general service offering is in accordance with BellSouth policies, procedures and regulatory obligations as well as the Standard Interconnection Agreement.

This general service offering does not address specific contract issues within a CLEC's Interconnection Agreement that may differ from this offering. Where specific contract issues differ from the information provided here, the contract provisions would prevail for the term of the contract.