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June 1, 2001

Mrs. Blanca S. Bayó
Director, Division of Records and Reporting
Florida Public Service Commission
2540 Shumard Oak Boulevard
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Re: Docket No. 990649-TP (UNEs)

Dear Ms. Bayó:

In compliance with Order No. PSC-01-1181-FOF-TP, enclosed please find the original and fifteen copies of BellSouth Telecommunications, Inc.'s status report of mechanized LMU process, which we ask that you file in the above matter.

A copy of this letter is enclosed. Please mark it to indicate that the original was filed and return the copy to me. Copies have been served to the parties shown on the attached Certificate of Service.

Sincerely,


Nancy B. White (KA)

cc: All Parties of Record
Marshall M. Criser III
R. Douglas Lackey

DOCUMENT NUMBER-DATE

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FPSC-RECORDS/REPORTING

**CERTIFICATE OF SERVICE
Docket No. 990649-TP**

I HEREBY CERTIFY that a true and correct copy of the foregoing was served via
U.S. Mail this 1st day of June, 2001 to the following:

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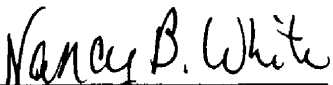
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(+) Signed Protective Agreement

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REQUEST: Therefore, the next phase of BellSouth's mechanized LMU process should be implemented no later than June 1, 2001, and BellSouth shall report to this Commission specifically what enhancements have been made and describe in detail the capabilities of the revised LMU system.

RESPONSE: On July 31, 2000, Mechanized Loop Makeup was introduced in a beta test environment to the ALEC community. On November 18, 2000, BellSouth implemented its initial version of Mechanized Loop Makeup ("LMU") to full production. In this release, ALECs were able to obtain LMU data for working or spare facilities, when the LMU data is populated in the Loop Facilities Assignment and Control System ("LFACS"). Access to Mechanized LMU data was made available via existing Mechanized Pre-Order Interfaces, including Telecommunications Access Gateway ("TAG") and Local Exchange Navigation System ("LENS").

The LMU data included detailed information on the loop material, including the following:

- Composition of the loop material (copper/fiber)
- The existence, location and type of equipment on the loop
- Digital loop carrier or other remote concentration devices
- Feeder/distribution interfaces
- Bridged taps
- Load coils
- Pair-gain devices
- Loop length
- Wire gauge
- Electrical parameters of the loop

Initial Release:

Electronic LMU functionality deployed on *November 18, 2000* included the following functionality:

- When the submitting ALEC or BellSouth owns the requested facilities, LMU data will be returned.

- The ALEC may query working facilities, either by Telephone Number (“TN”) or Circuit Identifier (“CKID”)
- The ALEC may query new/spare facilities at an address
- May request up to 10 spare facilities per request
- ALEC enters an Network Channel/Network Channel Interface/Secondary Network Channel Interface (“NC/NCI/SECNCI”) code set reference
- Allowable choices are 2-wire ADSL, 2- or 4-wire HDSL, 2- or 4- wire UCL
 - Code set used to “fine tune” the facility types returned in the LMU
 - Does NOT “qualify (yes/no)” a facility
 - Returns a focused, abbreviated list of facilities that are a best match to meet the NC/NCI/SECNCI codes on the request
 - Requesting D/ALEC may query only or may query and reserve new/spare facilities for a “standard” timeframe – currently 4 days.
- Requesting D/ALEC may cancel unneeded reservations for new / spare facilities within the standard timeframe.

Second Release:

A second release of Mechanized LMU functionality was deployed into beta test on *January 27, 2001* (full production February 10, 2001). Included in this release was the following functionality:

- The ALEC may optionally enter the NC, NCI, and SECNCI code set. If no NC/NCI/SEC NCI code set is entered, the default shall be the same as for POTS service (i.e., any facility that would support a POTS type service would be returned, including pair gain, loaded copper pairs, or FITL).
- Additional information is returned to the user on a loop makeup request:
 - RZ (Resistance Zone)
 - CZ (Carrier Zone)
 - RLA (Remote Location Address)
 - TLM (Telemetry Indicators)
 - RLC (Remote Term CLLI Code)
 - Cable Count Derived Pairs (PG cable/pair name)
 - LTS (Line Terminal Status)
 - DSLAM Presence
 - IFITL Information (Cable/pair name)
 - ONU Type

- LMU functionality was made available through the RoboTAG™ electronic interface, in addition to LENS and TAG.

Future Release:

A third LMU release is in the design phase. At present we anticipate that it will include the following functionality:

- Ability for the ALEC to select/reserve specific BST facilities returned from the Loop Makeup Service Inquiry ("LMUSI"), by loop, and receive a positive response from the system with the Reservation Identifier ("RESID"). If only a subset of the request can be satisfied, will reserve that subset and advise the D/ALEC of those loops that could be reserved.
- If LFACS does not return LMU information to the system for all segments or (the LMU status is either NULL or does not equal OK) and if ONUTYPE is not populated on the Fn segment of the loop, a LMU query will be sent to Outside Plant Engineering Design System ("OPEDS") for those segments that do not have LMU; otherwise, the LFACS loop makeup information will be returned to the user.
- The system will override the LMU status to equal "OK" for those segments for which LMU was returned by OPEDS and update LFACS.
- When the user submits a firm order using a RESID, which does not exist in LFACS, the user shall be sent a fatal error message.
- If the Users firm order does not use ALL of the loops reserved, for XDSL/UCL-L/UCL-S/LS, on the RESID by the end of the 96 hours, the system will remove the remaining unused loops (facilities released).
- The total lines requested on all firm order with that RESID cannot exceed the original number reserved. If so, a fatal error message should be returned indicating that the total number of lines requested exceeds the number of remaining reservations.

- Relax the edit that prohibits an ALEC from seeing LMU on facilities not owned by BellSouth or the requesting ALEC (needed for Line Splitting).
- Add a new NC/NCI/SECNCI code set that will search for loaded copper facilities as first choice and non-loaded copper facilities as second choice.

Future Release:

A fourth LMU release is being planned. At present we anticipate this release to include the following functionality:

- LMU Mechanization Billing for each transaction/reservation.
 - Screen the Contracts Database for contract provisions that allow D/ALEC to submit LMU request. If the ALEC does not have the appropriate contract language allowing LMU, the request will be rejected.
 - Enhanced handling of LMU timeout and/or incomplete response handling.
 - Additional search criteria added to assist in locating appropriate, workable facilities (SL1, SL2, DSO, ISDN).
 - Return the LMU Response date of transaction indicator. Date/time returned to the requestor.
 - Develop a canned hierarchy for finding spares, selectable by the requesting ALEC. For POTS1 (Plain Old Telephone Service- defined in Glossary) type of service the D/ALEC can submit an LMUSI and select one of the following four defined search hierarchies.
1. Standard default – based on type of service requested
 2. Non- loaded copper
Loaded copper
Universal pair gain
Integrated pair gain with side door port
 3. Universal pair gain
Integrated pair gain with side door port
Metal
 4. Loaded copper
Non-loaded copper
DLC (Digital Loop Carrier)