AFFIDAVIT

STATE OF GEORGIA

COUNTY OF FULTON

BEFORE ME, the undersigned authority, duly commissioned and qualified in and for the State and County aforesaid, personally came and appeared Ronald M. Pate, who, being by me first duly sworn deposed and said that:

He is appearing as a witness before the Kentucky Public Service Commission in Case No. 2003-00379, Review of Federal Communications Commission's Triennial Review Order Regarding Unbundling Requirements for Individual Network Elements, and if present before the Commission and duly sworn, his surrebuttal testimony would be set forth in the annexed testimony consisting of 14 pages and 4 exhibits.

Ronald M. Pate

SWORN TO AND SUBSCRIBED BEFORE ME
THIS 9 DAY OF APRIL, 2004

Janice E Padgett Notary Public

Notary Public, Gwinnett County, Georgia
My Commission Expires Feb. 19, 2008

BELLSOUTH TELECOMMUNICATIONS, INC.

SURREBUTTAL TESTIMONY OF RONALD M. PATE

BEFORE THE KENTUCKY PUBLIC SERVICE COMMISSION

DOCKET NO. 2003-00379

April 13, 2004

Q. PLEASE STATE YOUR NAME, YOUR POSITION WITH BELLSOUTH TELECOMMUNICATIONS, INC. AND YOUR BUSINESS ADDRESS.

A. My name is Ronald M. Pate. I am employed by BellSouth Telecommunications, Inc. ("BellSouth") as a Director, Interconnection Services. In this position, I handle certain issues related to local interconnection matters, primarily operations support systems ("OSS"). My business address is 675 West Peachtree Street, Atlanta, Georgia 30375.

Q. ARE YOU THE SAME RONALD M. PATE WHO PREVIOUSLY FILED DIRECT AND REBUTTAL TESTIMONY IN THIS DOCKET?

A. Yes.

Q. WHAT IS THE PURPOSE OF YOUR TESTIMONY?

A. The purpose of my testimony is to respond to certain issues raised in the testimony of Mark David Van de Water of AT&T Communications of the Southern States, LLC ("AT&T"), and Sherry Lichtenberg of MCI WorldCom Communications, Inc. and MCIMetro Access Transmission Services, LLC. ("MCI"). The issues I will respond to

are related to the ordering of batch migrations, CLEC-to-CLEC migrations, flow-through, and the ability of BellSouth to scale its systems.

Throughout this testimony, I will use the terms “batch” and “bulk” interchangeably when referring to the process of migrating UNE-P to UNE-L in batches.

ORDERING UNE-TO-UNE BATCH MIGRATIONS

Q. ON PAGE 11 OF HIS TESTIMONY, MR. VAN DE WATER OF AT&T STATES THAT YOUR TESTIMONY DID NOT ACCURATELY REFLECT AT&T’S CHANGE REQUEST FOR THE UNE-TO-UNE BATCH MIGRATION PROCESS. DO YOU AGREE?

A. No, I do not. In my testimony, I referred to the portion of the change request CR0215 that dealt with the establishment of electronic ordering process for UNE-to-UNE batch migrations, but I included the entire change request document as an exhibit to my direct testimony (Exhibit RMP-1). As I discussed in my rebuttal testimony, on pages 2-3, part of its request, AT&T did, indeed, suggest an *option* for the provisioning of the cuts: on the weekend. What is most notable about Mr. Van de Water’s testimony is that he focuses on the small issue of weekend cutovers (which, as an aside, AT&T wanted BellSouth to perform at no additional charge) in an attempt to gloss over the fact that AT&T actively participated in, and advocated the development of, the UNE-to-UNE batch migration process. AT&T's attempt to disavow the batch ordering mechanism in this proceeding is disingenuous given AT&T’s prior advocacy of the change request.

At the time it implemented CR0215, BellSouth determined that the practice of providing either coordinated or non-coordinated hot cuts for the CLECs' UNE-to-UNE batch migrations is more flexible than limiting cutovers to just the weekends. Nonetheless, as I discussed in my rebuttal testimony on page 6, BellSouth established Saturday cutovers as part of the batch hot cut process starting February 18, 2004. Thus, Mr. Van de Water's complaint is moot.

Q. ON PAGE 10 OF HER TESTIMONY, MS. LICHTENBERG STATES THAT CLECS MUST "DEVELOP NEW SOFTWARE TO DEVELOP AND SEND THE BATCH LSR." SHE ADDS THAT "ADDITIONAL SOFTWARE MAY ALSO BE NECESSARY TO ACCEPT THE NOTIFIERS ISSUED FOR THE INDIVIDUAL LSRS CREATED BY THE BELLSOUTH INTERNAL SYSTEMS…THUS, IF A CLEC SUBMITTED A BULK LSR VIA EDI, IT WOULD EXPECT TO RECEIVE AN FOC FOR THIS SUBMISSION, RATHER THAN FOCS FOR EACH OF THE ORDERS INCLUDED IN THE BULK LSR." PLEASE COMMENT.

A. With respect to Ms. Lichtenberg's comments about software development, if a CLEC chooses to use machine-to-machine electronic ordering interfaces, such as EDI or TAG, the CLEC must program its side of the interface whenever it chooses to use any new functionality that BellSouth has implemented. That is the nature of machine-to-machine interfaces. As the Commission will recall, the CLECs were vocal advocates for the necessity of machine-to-machine interfaces. Moreover, given that a CLEC submitted this change request (CR0215), and the CLECs prioritized it and publicly criticized BellSouth until it was implemented, they should not now be heard to complain that the change requires software work on their side of the interface.

With respect to Ms. Lichtenberg's comments about FOCs, after BellSouth's OSS has received the batch migration request, BellSouth's sends an acknowledgement to the CLEC. This is not an FOC. If the CLEC were sending individual LSRs instead of the batch migration request, the CLECs would receive an acknowledgement for each LSR. Thus, there is nothing new or different with this process. BellSouth only sends an FOC to the CLEC after the individual LSRs have been accepted by BellSouth's Service Order Communications System (SOCS). Again, this same sequence of notification is also followed for individually-submitted LSRs.

Q. REGARDING MS. LICHTENBERG'S COMMENT ABOUT CLECS HAVING TO DEVELOP NEW SOFTWARE, HAS BELLSOUTH PROVIDED CLECs WITH THE DOCUMENTATION TO PROGRAM AND UPDATE THEIR INTERFACES TO HANDLE UNE-TO-UNE BATCH MIGRATIONS?

A. Yes. As I described in my direct testimony, on page 6, BellSouth has provided CLECs with user requirements, business rules (contained in the *Local Ordering Handbook* or "LOH"), and the *UNE-Port/Loop Combination (UNE-P) to UNE-Loop (UNE-L) Bulk Migration CLEC Information Package* ("CLEC information package"). The original version of the CLEC information package was attached to my direct testimony as Exhibit RMP-2. The revised version was attached as Exhibit RMP-4 to my rebuttal testimony. [1] The business rules (an excerpt from the LOH) and the user requirements are attached to this testimony as Exhibits RMP-5 and RMP-6. This is some of the detailed documentation that the CLECs may use to order batch migrations. The user requirements

[1] BellSouth published the updated documentation on February 18, 2004. See Carrier Notification Letter SN91083967 at http://www.interconnection.bellsouth.com/notifications/carrier/carrier_pdf/91083967.pdf.

were first distributed via the CCP (of which MCI is a member), and also are posted in the password-protected areas of the CCP web site. The CLEC information package and the LOH are both available on BellSouth's interconnection web site.[2] For CLECs that use the EDI ordering interface, like MCI, BellSouth has prepared a specifications document for EDI. This document is attached as Exhibit RMP-7, and is also available on BellSouth's interconnection web site.[3] Further, as shown in the chronology on pages 4-5 of my direct testimony, BellSouth held two meetings to discuss the user requirements with the CLECs. MCI did not send a representative to either meeting, which may explain Ms. Lichtenberg's lack of knowledge about the documentation for BellSouth's batch migration ordering process.

In addition, for CLECs that use LENS, BellSouth has provided instructions for ordering batch migrations in the *LENS User Guide* ("LENS Guide") that is posted on BellSouth's interconnection web site for CLECs.[4] Attached to my surrebuttal testimony as Exhibit RMP-8 is the section from the LENS Guide that explains how CLECs can submit requests for batch migrations electronically via LENS.

Q. MR. VAN DE WATER OF AT&T, ON PAGE 8, COMPLAINS THAT BELLSOUTH IS NOT WILLING TO ESTABLISH A COLLABORATIVE FOR THE BATCH HOT CUTS PROCESS. FURTHER, MR. VAN DE WATER NOTES THAT BELLSOUTH HAS ASKED CLECS TO SUBMIT CHANGES TO THE UNE-TO-UNE BATCH MIGRATION PROCESS VIA THE CCP. HE ALSO REMARKS THAT BELLSOUTH

[2] The CLEC information package is located at http://interconnection.bellsouth.com/guides/html/unes.html. The LOH is located at http://www.interconnection.bellsouth.com/guides/html/leo.html.
[3] The specifications for ELMS6 and for TCIF9 are located at http://www.interconnection.bellsouth.com/guides/html/leo.html. ELMS6 and TCIF9 are the two industry standards supported by BellSouth.
[4] The LENS Guide is located at http://www.interconnection.bellsouth.com/guides/html/lens_tafi.html.

HAS ANNOUNCED CHANGES TO THE PROCESS THAT HAVE NOT BEEN SUBMITTED TO THE CCP. MS. LICHTENBERG, ON PAGES 10-11 OF HER REBUTTAL TESTIMONY, MAKES SIMILAR COMPLAINTS ABOUT THE ESTABLISHMENT OF A COLLABORATIVE. PLEASE COMMENT.

A. As I stated in my rebuttal testimony on pages 3-5, given the CLECs' position in this case, their demands that BellSouth collaborate on improvements to the UNE-to-UNE batch migration manual processes is an attempt by the CLECs to divert BellSouth's resources from this case. Under ordinary circumstances BellSouth fully supports collaborative improvements to its processes, such as the Line Sharing Collaborative. As both I and Mr. Ainsworth have testified in our rebuttal testimony, in this instance, BellSouth cannot support the CLECs' requests for collaboration. The CLECs have admitted that no matter how many improvements BellSouth makes to its manual process, the CLECs will continue to argue they are impaired without a massive retrofit of BellSouth's network to allow for automated hot cuts. Considering this fact, coupled with the requirement that the Commission must make a determination in nine (9) months, it does not make sense for BellSouth to devote the time and resources at this juncture to a process that the CLECs will never endorse.

Also, as I discussed in my rebuttal testimony, CLECs had the opportunity to collaborate on the development of the batch ordering component of the batch hot cut process when BellSouth developed the process in response to change request CR0215. Very few CLECs attended the user requirements meetings in 2002. Only when the state impairment proceedings started did the CLECs begin to complain about this process.

That being said, as I stated in my rebuttal testimony on pages 4-5, and as Mr. Van de Water notes, BellSouth has told the CLECs that the CCP will review recommended process changes for the batch migration process. BellSouth has asked the CLECs to submit specific process changes within the scope of CCP via change requests. Consequently, although BellSouth has declined to hold a collaborative, it has not refused to collaborate with the CLECs. BellSouth's request that the CLECs submit suggested changes to the CCP is completely reasonable, as it provides the CLECs with a single point of contact for submissions. Not until the week of February 23, 2004 (the week of the first state TRO hearing) did the CLECs submit any change requests related to the UNE-to-UNE batch migration process to the CCP. Until the CLECs took that action, BellSouth was between a rock and a hard place. The CLECs would criticize the process, yet they had declined to provide BellSouth with any specific suggested changes, except through regulatory proceedings. In an effort to make this Commission's job easier, BellSouth reasonably decided to address virtually all of the CLECs' criticisms by enhancing its already-compliant batch hot cut process based on the comments the CLECs made during regulatory proceedings.

Q. ON PAGE 13 OF HER REBUTTAL TESTIMONY, MS. LICHTENBERG COMMENTS THAT BELLSOUTH HAS REJECTED SOME OF THE CLECS' "PROPOSALS AS NOT 'TECHNICALLY FEASIBLE,' BUT HAS YET TO EXPLAIN WHAT THEY WILL DO, WHEN THEY WILL DO IT, OR WHAT OSS CHANGES WILL BE REQUIRED." PLEASE COMMENT.

A. BellSouth responded to the CLECs regarding their change requests according to the process set forth by the CCP. The CLECs submitted seven (7) change requests. On

March 11, 2004, BellSouth responded, requesting clarification from the CLECs on four of the change requests (CR1733, CR1736, CR1737, and CR1739) and rejecting three change requests (CR1734, CR1735, and CR1738) either because of cost or because of technical feasibility.

On April 6, 2004, BellSouth and the CLECs met to discuss the CLEC Notification Tool, the Bulk Migration Scheduling Tool, and the seven change requests. BellSouth and the CLECs discussed how the CLECs could revise and resubmit two of the change requests. The parties plan to meet again during the week of April 12 to discuss the remaining five change requests.

Q. HAS BELLSOUTH AGREED TO MAKE CHANGES TO ITS BATCH MIGRATION PROCESS?

A. Yes, as I discussed in my rebuttal testimony (page 5), despite the fact that the CLECs did not submit any changes to the batch migration process to the CCP until the week of February 23, 2004 (the week of the first TRO hearing), BellSouth has been listening to the CLECs' criticisms raised during the hot cut workshops held in its region. Although I discussed these enhancements on pages 6-7 of my rebuttal testimony, here is a summary of the changes that BellSouth made to its already seamless and effective UNE-to-UNE batch migration process on February 18, 2004:

- After Hours/Weekend Migrations
- Two-Hour Go Ahead Notifications for SL1 non-coordinated migrations
- Time Windows for coordinated conversions
- Pre and Post order completion restoral process (Throwback)

- Same-Day end-user account migration
- CLEC to CLEC migration (UNE-P to UNE-L)

BellSouth also reduced the interval for the project manager to return the bulk notification form to four business days (from seven) for 2 to 99 telephone numbers and to six business days (from 10) for 100-200 telephone numbers. Most of these enhancements are to the provisioning side of the process, which is under Mr. Ainsworth's purview. This process is also described in the CLEC information package. The revised CLEC information package was attached to my rebuttal testimony as Exhibit RMP-4.

CLEC-TO-CLEC MIGRATIONS

Q. ON PAGE 7 OF HER TESTIMONY, MS. LICHTENBERG OF MCI COMPLAINS THAT BELLSOUTH IGNORES CLEC-TO-CLEC BULK MIGRATIONS. WHAT IS YOUR RESPONSE?

A. I discussed CLEC-to-CLEC migrations on pages 20-26 of my rebuttal testimony, so it is clear that BellSouth is not ignoring this type of transaction. To reiterate, BellSouth does perform CLEC-to-CLEC conversions of unbundled loops. The issues that Ms. Lichtenberg describes, however, have nothing to do with BellSouth's already seamless and effective hot cut process. Rather, they are issues related to the CLECs' transactions with each other, such as obtaining customer service record information and circuit IDs, and their apparent inability to cooperate and share with each other. BellSouth's CLEC-to-CLEC conversion product is described in the *CLEC to CLEC Conversion for Unbundled Loops* document, which is located at the Interconnection web site.[5] As Mr.

[5] http://www.interconnection.bellsouth.com/guides/unedocs/c2c.pdf

Ainsworth has testified, CLEC-to-CLEC loop conversions may be ordered individually or as a project. As I stated in my rebuttal testimony (page 20), BellSouth has agreed to implement CLEC-to-CLEC UNE-L migrations in the batch hot cut process.

Q. IN YOUR REBUTTAL TESTIMONY YOU DISCUSSED OTHER VENUES IN WHICH THE PARTIES ARE CONSIDERING ISSUES RELATED TO CLEC-TO-CLEC MIGRATIONS. PLEASE COMMENT.

A. As I discussed, starting on page 20 of my rebuttal testimony, the end user collaborative of the Florida Commission's Telecommunications Competitive Interests Forum is considering the rules for CLEC-to-CLEC migrations. The parties involved in this collaborative have developed draft rules for voice grade circuits and have submitted them to the Commission. Once the rules for voice grade loops have been finalized, the parties will develop rules for data circuits. After the rules have been established in Florida, the participants plan to use the Florida rules as the guidelines for establishing rules in the other states in BellSouth's region. I also discussed, on page 25 of my rebuttal, the fact that the Ordering and Billing Forum ("OBF"), the industry standards organization, is considering the issue of multi-provider migrations, including CLEC-to-CLEC migrations. Thus, the interested parties are already working collaboratively to resolve the issues related to CLEC-to-CLEC migrations.

<u>FLOW-THROUGH</u>

Q. IN HER REBUTTAL TESTIMONY ON PAGES 3-4, MCI'S MS. LICHTENBERG DISCUSSES WHAT SHE PERCEIVES TO BE BELLSOUTH'S RELATIVE FLOW-THROUGH RATES FOR UNE-P AND UNE-L LSRS. PLEASE COMMENT.

A. I have already dealt with this issue in my rebuttal testimony because AT&T's Mr. Van de Water, on page 11 of his direct testimony, made a similar mischaracterization of the data I provided in response to AT&T's Interrogatory No. 28. On pages 14-15 of my rebuttal testimony, I provided a full explanation of the true meaning of the numbers provided in that interrogatory, and stated that the numbers do *not* represent flow-through, nor did the AT&T interrogatory specifically request flow-through information.

Q. REGARDLESS OF MS. LICHTENBERG'S CONFUSION, DID BELLSOUTH'S UNE-P AND UNE-L FLOW-THROUGH PERFORMANCE EXCEED THE BENCHMARKS FOR THE PERIOD IN QUESTION?

A. As I explained on pages 15-16 of my rebuttal testimony, three states have set benchmarks for UNE-P and UNE-L (Florida, Georgia, and North Carolina). BellSouth's flow-through rate for UNE-P (96.40%) and UNE-L (86.19%) both exceeded these Commissions' benchmarks for August 2003.

Q. MS. LICHTENBERG FURTHER STATES ON PAGE 4 OF HER TESTIMONY THAT "LOW FLOW THROUGH MEANS THAT A SIGNIFICANT NUMBER OF UNE-L ORDERS WILL FALL OUT OF THE SYSTEMS AND MUST BE PROCESSED MANUALLY." PLEASE COMMENT.

A. I responded to similar allegations by Ms. Lichtenberg and Mr. Van de Water on pages 12-13 of my rebuttal testimony. From the previous answer, it is clear that "the majority of" UNE-L requests *do* flow through the ordering systems, and are not manually

processed. Further, as I reported on pages 10-11 of my rebuttal testimony, BellSouth has initiatives underway to improve flow-through such that all segments consistently meet the flow-through benchmarks. I attached as Exhibit RMP-3 to my rebuttal testimony the March 2003 quarterly report that BellSouth files with the Florida Public Service Commission and that details these efforts, including the efforts to improve the flow-through of LNP.

Q. WHAT OTHER EVIDENCE HAS BELLSOUTH PROVIDED THAT THE FLOW-THROUGH RATE FOR LNP IS IMPROVING?

A. As I discussed in my rebuttal testimony, on pages 11-12, recent data shows excellent flow-through rates for UNE-P to UNE-L migration, which include UNE-L with LNP. To summarize, in December 2003 and January 2004, using the LENS interface, one Florida-based CLEC submitted electronically via the LENS interface 8,740 LSRs and 5,662 LSRs respectively to migrate its embedded base of UNE-P to UNE-L with LNP, which accounted for approximately 45% of all electronic LNP submissions in December and 31% for January. As a consequence of this CLEC's results, the overall LNP flow-through rate was 93.4% for December and 93.3% for January.

As I noted in my rebuttal testimony, a portion of these electronic LSRs did fall out by design for manual processing. During these two months, a total of 2,267 of the submissions fell out by design for manual processing by BellSouth's center personnel. What is interesting is why these LSRs fell out by design. From an analysis of the 2,267 LSRs that fell out, it was determined that the vast majority, 2,160 LSRs, or 95%, fell out due to pending service orders. In other words, this CLEC had pending service orders in

process for its own accounts that had not cleared before the CLEC submitted LSRs to migrate the accounts to UNE-L. If the CLEC only had checked its systems for pending service orders, which it should do in the normal course of its operations, these migration requests likely would have flowed through BellSouth's systems as well.

Thus, BellSouth clearly is not saying "trust me," as Ms. Lichtenberg states on page 6 of her testimony. Rather, BellSouth has provided proof that it can handle the CLECs' requests.

Commercial usage indicates that BellSouth does not now (nor will it in the future) impair CLECs in their ability to order UNE loops. For a discussion of her allegation regarding manual provisioning, I refer the Commission to the testimony of Mr. Ainsworth.

SCALABILITY/THIRD PARTY TESTING

Q. MS. LICHTENBERG, IN HER REBUTTAL TESTIMONY (PAGE 5), AND MR. VAN DE WATER, IN HIS REBUTTAL TESTIMONY (PAGES 5-6), DISMISS YOUR DIRECT TESTIMONY REGARDING THE FLORIDA THIRD PARTY TEST, SPECIFICALLY, THE CRITERIA AND RESULTS OF TEST TVV-2. PLEASE RESPOND.

A. The purpose of the KPMG (now BearingPoint) TVV-2 was to test the ability of BellSouth's systems to handle future CLEC ordering volumes over a wide range of product/service requests types, including various UNE-L scenarios. As I stated on page 13 of my direct testimony, BellSouth's systems were judged capable of handling a significant increase in CLEC ordering volumes, regardless of whether the CLEC orders

are the types of orders involved in hot cuts. BellSouth's Mr. Ainsworth and Mr. McElroy have additional testimony on the KPMG tests of hot-cut provisioning capability.

Q, DOES THIS CONCLUDE YOUR TESTIMONY?

A. Yes.

Kentucky Public Service Commission
Docket No. 2003-00379
Surrebuttal Testimony of Ronald M. Pate
Exhibit No. RMP-5

BellSouth
Local Ordering Handbook
Section 3 - Ordering

BELLSOUTH
Local Ordering Handbook

Section 3
Ordering

LSOG6 / ELMS6

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PUBLIC

2.12 REQTYP B - UNE to UNE Bulk Migration

General Business Rules

UNE to UNE Bulk Migrations is an electronic process designed to allow BellSouth® CLEC customers to submit a minimum of 2 and up to and including a maximum of 99 LSR requests at one time with minimal field input to migrate existing non-complex services [Residence/Business] Port/Loop Combinations (UNE-P) to Loop w/LNP.

A new outbound reject message for bulk packages shall be used for bulk package rejects and shall consist of the following fields:
CC
BOPI
BULK VER
STATUS CODE
STATUS MESSAGE
ERROR CODE(s)
ERROR MESSAGE(s)
PON Statuses---Bulk Package summary

The PON status shall consist of the following statuses:

- LSR clarified, with the system sending a clarification or autoclarification = **Clarified**
- LSR cancelled, with FOC sent on SUP 01 sent to the CLEC = **Cancelled**
- LSR completed, completion notice sent when all service orders completed and all TNs have been ported = **Completed**
- LSR FOC'd, with FOC sent to the CLEC = **FOC**
- LSRs have been accepted by the solution, but they have not been processed enough to be clarified or FOC'd = **Pending**

The following general business rules apply to UNE to UNE Bulk Migrations BULK packages:

- **All Bulk orders are project managed.**
- **Shall only apply to migrating existing non-complex (RES/BUS) Port/Loop Combination (UNE-P) services to Loop w/LNP LSRs, REQTYP B, with ACT of V, LNA of V, NPT is 'D' (LNP).**
- **The fields BOPI (Bulk Ordering Package Identifier) and BULK VER (Bulk Version) shall be added to the ELMS 6 map for all return transactions, FOCs, CNs, POS, Rejects, Clarifications and Jeopardies.**
- **When a Mechanized Loop Make Up/w FRN (Facility Reservation Number) is requested, CLEC must submit Bulk order package to BellSouth® within 24 hours of receiving FRN.**

- **The web based application [UNE to UNE Bulk Migration Bulk Package GUI] will allow users to submit individual SUPs, types 01, 02, and 03, on individual LSRs associated with a bulk package.**
- **CLECs shall have the ability to submit a supplement to cancel the entire UNE to UNE BULK package, which includes canceling all remaining PONs associated with a BULK package, or have the ability to cancel an individual LSR via SUP.**
- **Service order processing shall be the same as REQTYP BB today, *unless specified otherwise in this document.***
- **For BULK Ordering, the fields shown in the R/C/O tables for UNE to UNE BULK Migrations will be supplied by the CLEC via the BULK Order.**
- **For BULK Ordering, current SOMEC charges will apply.**
- **A Complex Service EATN must be resubmitted as a single LSR, with a different PON#.**
- **UNE to UNE Bulk migration is applicable for ELMS 6 *only*.**
- **A UNE Loop will be provided for each Porting TN.**
- **CLECs shall have the ability to view a summary of the BULK LSR in both the raw data form and individual LSR form for each EATN.**
- **Manual (Faxed) LSR Requests are *prohibited* for UNE to UNE Bulk Migrations.**
- **If a UNE bulk package is received without a required field, it will be rejected.**
- **If any of the individual LSRs cannot be created from the bulk package due to error conditions, the entire bulk package shall be rejected. This applies to both initial and supplemental Bulk Packages.**
- **When requesting a SUP to Cancel on a UNE to UNE BULK Package, the Company Code, Supplement, Bulk Order Package ID and BULK Version will be required.**
- **For UNE BULK ordering, a mixture of Loop types can*not* be handled as a part of the same Bulk request.**
- **Complex UNE P accounts are *prohibited* on a UNE to UNE Bulk request.**
- **For UNE to UNE BULK package Supplemental LSRs, SUP 02 and 03 are prohibited (at the Global level), but are allowed at the account level.**
- **For UNE to UNE BULK package Supplemental LSRs, individual PON data is prohibited (at the Global level), but is allowed at the account level.**
- **If a supplemental LSR (at the Global level) is sent, and the initial BULK request has not been received, the SUP LSR will be rejected.**

- **For all initial and supplemental with BOPI field populated, the LNP-GW (LNP GateWay) will always return a clarification, regardless of the error type [i.e., 1st or 2nd level edits].**
- **If CLEC is requesting specific EATNs to be ported together, CLECs may indicate Desired Due Dates (DDD) via Project Manager BellSouth® UNE P to UNE L Bulk Migration Project Notification form, IF APPROVED; CLECs would then enter the negotiated DDD(s) on the LSR at the Account level.**

This unique ordering process allows the CLEC to populate a specific set of fields at a Global level (one time), and a specific set of fields at the Account and Line level to generate multiple LSR's.

A unique Graphical User Interface (GUI) has been developed for processing UNE to UNE Bulk Migration orders. The GUI will utilize most of the same fields from the existing LSR, EU, and LS forms, however the GUI will present them in a Global, or Account level format for order submission. To assist BellSouth® customers in determining which section of the Data Element Dictionary the fields may be found in the following matrix may be used:

Field Name	R/C/O Table	Data Dictionary Section
BOPI	Global	LSR-Admin section
BULK VER	Global	LSR-Admin section
CC	Global	LSR-Admin section
REQTYP	Global	LSR-Admin section
ACT	Global	LSR-Admin section
LNA	Global	LSR-Service Detail section
TOS (Default)	Global	LSR-Admin section
CCNA	Global	LSR-Admin section
ACNA	Global	LSR-Bill section
CIC	Global	LSR-Admin section
NNSP	Global	LSR-Admin section
INIT	Global	LSR-Contact section
INIT-TEL-NO.	Global	LSR-Contact section
INIT-FAX-NO.	Global	LSR-Contact section
IMPCON	Global	LSR-Contact section
IMPCON-TEL-NO.	Global	LSR-Contact section
DSGCON	Global	LSR-Contact section
DSGCON-STREET	Global	LSR-Contact section
DSGCON-CITY	Global	LSR-Contact section
DSGCON-STATE	Global	LSR-Contact section

4.13 UNE to UNE Bulk Migration

Product Listing

UNE to UNE Bulk Migrations

(LSR) Package Entry Screens

The following chart illustrates the required, conditional and optional forms/screens for ordering this service. Detailed information will follow to assist you in filling out each of these screens.

Package **UNE to UNE Bulk Migrations**		
Global level	Account level*	Line level**
R	R	R
R = Required C = Conditional O = Optional		

* = per EATN
** = per PORTED TN.

Completing the (LSR) Package Entry Screen

The Required, Conditional and Optional (R/C/O) fields on the (LSR) Package Entries will be given for the valid **REQTYP/ACT combination** in the Section.

The following chart shows all of the valid account level activities for this requisition type.

REQTYP	ACTIVITY LEVEL
B - UNE to UNE Bulk Migrations	V

THE ONLY VALID ACT is V

Account level activities (ACT) apply to the entire account. The ACTs are defined below:

V = Full Conversion of service **as specified** to new Local Service Provider (LSP), includes UNE to UNE Bulk Migrations

Line level activities (LNA) apply to the specified line only. The valid LNAs are listed below:

V = Conversion or Migration to new LSP **as specified** (specify only those changes from existing service), includes UNE to UNE Bulk Migrations

The following chart gives the valid LNAs for each account level activity (ACT) and the associated LSNP screen usage.

REQTYP is:	Global ACT is:	Account ACT is:	Line Level (Entry) is:
B - UNE to UNE Bulk Migrations	V	V	Required

The Required, Conditional and Optional (R/C/O) fields for the UNE to UNE Bulk Migration (LSR) Package is listed according to the LINE Level in the **Line Level Table(s)**.

The following tables show the Required, Conditional and Optional (R/C/O) fields on the valid forms/screens for this product. All unmentioned fields are either invalid, not applicable, prohibited or not supported. When fields are populated which are not supported by BellSouth, these not supported fields will be ignored. Populating any other fields may result in a fatal reject or a clarification of the service request.

Please note the following codes:
- Optional fields marked with an asterisk (*) force at least one of the conditional fields to become required when populated.
- Fields used only for manual orders are followed by (M).
- Fields used only for electronic orders are followed by (E).
- For fields marked with a DOUBLE asterisk (**) please refer to the Data Dictionary for clarification.

See the Data Dictionary Section for additional information on each field.

ACT Tables: Reqtyp B, UNE to UNE Bulk Migrations

ACT= V: LSR Account

Required

AN (E)	BAN1 (E)	BI1 (E)
DDD (E)	EATN (E)	ELT (E)
MI (E)	NAME (E)	PON (E)

Conditional

BAN2 (E)	BI2 (E)	RESID (E)

Optional

CHC (E)	TOS (Override) (E)	VER (E)

ACT= V: LSR Global

Required

ACNA (E)	ACT (E)	ACTL (E)
BOPI (E)	CC (E)	CCNA (E)
D/TSENT (E)	IMPCON (E)	IMPCON-TEL NO. (E)
INIT (E)	INIT-FAX NO. (E)	INIT-TEL NO. (E)
LNA (E)	NC (E)	REQTYP (E)
TOS (Default) (E)		

Conditional

DSGCON (E)	DSGCON-CITY (E)	DSGCON-STATE (E)
DSGCON-STREET (E)	DSGCON-TEL NO. (E)	DSGCON-ZIP CODE (E)
NCI (E)	SECNCI (E)	

ACT Tables: Reqtyp B, UNE to UNE Bulk Migrations

Optional

BULK VER (E)	CIC (E)	DRC (E)
DSGCON-FAX NO. (E)	DSGCON-FLOOR (E)	DSGCON-ROOM (E)
NNSP (E)		

ACT= V: LSR Line

Required

LNUM (E)	PORTED NBR (E)

Conditional

CABLE ID (E)	CFA (E)	CHAN/PAIR (E)
CHAN/PAIR 2 (E)		

Kentucky Public Service Commission
Docket No. 2003-00379
Surrebuttal Testimony of Ronald M. Pate
Exhibit No. RMP-6

BellSouth
ENCORE User Requirements
For
UNE to UNE Bulk Migrations

BELLSOUTH

ENCORE User Requirements for

UNE to UNE Bulk Migrations

FINAL

CCP CR 0215

CR25397/ENC13780.DOC

Version 9.0

Oct 09, 2002

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SCOPE
1.1 BUSINESS IMPLICATIONS

This feature will allow the users (CLEC community) to submit a specific type of LSR in a bulk order format through Bellsouth's CLEC interfaces: EDI, LENS, TAG, and SERVICEGATE GATEWAY when available. Those LSR types will be to migrate existing Port/Loop Combination services to Loop with Local Number Portability (LNP) services.

.1.1.1. Current Process

Current Process	
•	Currently, there are no bulk ordering processes to allow migrations of Port Loop Combo services to Loop with LNP services.
•	Currently, LNP applications do not interface with LENS.
•	Individual LSRs for REQTYP B's are available via EDI and TAG, as well as individual FAX LSRs.

.1.1.2. Expected Process

Expected Process	
•	Bellsouth's CLEC Interfaces: EDI, LENS, TAG, and SERVICEGATE GATEWAY, when available, will allow a bulk order process for LSRs, migrating existing port/loop combination services to Loop w/LNP services. (REQTYP B, ACT V, all LNA V)
•	The feature allows the ability to request and receive status and image of a single LSR of REQTYP B or a status and image of a bulk order of REQTYP B via LENS, TAG, and SERVICEGATE GATEWAY, when available.

2. USER REQUIREMENTS

Requirement No.	User Requirement
UR13780.0010	This feature is applicable for TCIF Issue 9.
UR13780.0020	The bulk order LSRs, allowable via EDI, LENS, TAG and ServiceGate Gateway, when available, shall only apply to migrating existing non-complex Port/Loop Combination services to Loop w/LNP LSRs, REQTYP B, with ACT of V, all LNA of V. The specific applicable Port/Loop Combination products are outlined in Appendix A.
UR13780.0022	Moved to Requirement .0064
UR13780.0025	Requirement Deleted
UR13780.0030	The bulk order LSR package may consist of a minimum of 2 and up to and including 99 EATNs. This will be a BellSouth tunable value and initially set as a minimum of 2 and a maximum of 99.
UR13780.0035	Requirement Deleted
UR13780.0038	If the conditions in Requirement .0030 are not met, the following error message shall be returned to the user: Bulk Order Package must be a minimum of 2 and up to and including 99 EATNs

Requirement No.	User Requirement
UR13780.0040	The initial bulk order LSR package shall consist of the following Common Level fields, once per package: BOPI-Bulk Order Package Identifier (Required, .0045, .0045a, .0045b, .0045c) BULK VER (Optional) CC (Required) REQTYP (Required) ACT (Required) LNA (Required) TOS (Default) (Required) CCNA (Required) ACNA (Required) CIC (Required) NNSP (Optional) INIT (Required) TEL-NO-INIT (Required) FAX-NO-INIT (Required) IMPCON (Required) TEL-NO-IMPCON (Required) DSGCON (Conditional) STREET-DSGCON (Conditional) CITY-DSGCON (Conditional) STATE-DSGCON (Conditional) ZIP-CODE-DSGCON (Conditional) FLOOR-DSGCON (Optional) ROOM-MAIL-STOP-DSGCON (Optional) TEL-NO-DSGCON (Conditional) FAX-NO-DSGCON (Optional) NC (Required) NCI (conditional) SECNCI (conditional) ACTL (Required) DRC (Optional) D/T SENT (Required)
UR13780.0041	For initial bulk order LSR packages, SUP is prohibited.
UR13780.0042	If the condition in Requirement .0041 is not met, the following error message shall be returned to the user: SUP prohibited on initial Bulk Order Package
UR13780.0043	If any of the fields identified in .0040, with the exception of BULK VER, D/T SENT, or DRC, are different on the individually submitted Supplemental 02 and 03 LSRs when compared to the original LSR, the Supplemental should be auto-clarified.

Requirement No.	User Requirement
UR13780.0043a	If the ERL field is different on the individually submitted Supplemental 03 LSRs when compared to the original bulk ordered LSR, the Supplemental should be auto-clarified
UR13780.0044	If the conditions in Requirement .0043 or .0043a are not met, the following error message shall be returned to the user: &Field Name&can not change from original to supplemental LSR.
UR13780.0045	A new field shall be added to the incoming and outbound transactions to support bulk order LSR packages. **BOPI** (Bulk Order Package Identifier) The field shall allow up to 12 A/N characters and will have the same valid characters as the PON field.
UR13780.0045a	If the conditions in Requirement .0045 are not met, the following error message shall be returned to the user: The BOPI valid values are upper case alpha a thru z, numeric 0 thru 9, and symbols. , - ‘
UR13780.0045b	Requirement Deleted
UR13780.0045c	Requirement Deleted
UR13780.0046	A new field shall be added to the incoming and outbound transactions to support bulk order LSR packages. **BULK VER** The field shall be 2 numeric characters. The field shall be optional on original bulk orders, with values of blank or 00, and required on Supplemental bulk orders, with values of 01 or greater.
UR13780.0046a	Requirement Deleted
UR13780.0046b	If the conditions in Requirement .0046 are not met on a Bulk SUP, the following error message shall be returned to the user: BULK VER must be two numerics-01 or greater for supplemental bulk packages
UR13780.0046c	If the conditions in Requirement .0046 are not met on initial Bulk requests, the following error message shall be returned to the user: BULK VER must be spaces or zeros for initial bulk package
UR13780.0047	If the conditions in Requirement .0046 are not met on a Bulk SUP, the following error message shall be returned to the user: BULK VER required on Supplemental Bulk Order packages
UR13780.0048	Requirement Deleted
UR13780.0049	Requirement Deleted

Requirement No.	User Requirement
UR13780.0050	The initial bulk order LSR package may consist of the following fields, once per account (EATN): PON (Required) VER (Optional) TOS (Optional) DDD (Required) AN (Required) BI1 (Required) BAN1 (Required) BI2 (Conditional) BAN2 (Conditional) ERL (Required) EATN (Required) NAME EU (Required) RESID (Conditional)
UR13780.0060	The bulk order LSR package may consist of the following Line Level fields, once per PORTED TN: LNUM (Required) PORTED TN (Required) CHANPAIR (Conditional) CHANPAIR2 (Conditional) CFA (Conditional) CABLEID (Conditional)
UR13780.0061	If any additional fields other than the fields defined in .0040, .0041 .0050, and .0060 are populated, the solution shall ignore them.
UR13780.0062	The above fields, as documented in .0040, .0050, and .0060, for the bulk order package will be validated based on existing rules for REQTYP B, ACT V, LNA V, except where specifically noted within this document.
UR13780.0064	If the REQTYP/ACT combination conditions in Requirement .0020 are not met, the following error message will be returned to the user: For Bulk Order Requests, only REQTYP B, ACT V, LNA V LSRs are applicable.
UR13780.0065	If a bulk package is received without a required field, the following error message shall be returned: &BOPI&&PON (if applicable) &&field name&&current error message&
UR13780.0066	If any of the individual LSRs cannot be created from the bulk package due to error conditions, the entire bulk package shall be rejected. This applies to both initial and supplemental Bulk Packages.
UR13780.0068	The new field “BOPI” with the value of “BULK” appended shall be mapped to the PROJECT field on the individual LSRs.

Requirement No.	User Requirement
UR13780.0069	The PROJECT field value must match when comparing the supplemental LSR, except for a SUP 01 to cancel, to the original bulk ordered LSR.
UR13780.0069a	If the condition in Requirement .0069 is not met, the following error message shall be returned to the user: For Bulk Ordered LSRs, the PROJECT field on Supplemental LSRs must match Initial LSRs.
UR13780.0070	Requirement Deleted
UR13780.0075	Requirement Deleted
UR13780.0080	Requirement Deleted
UR13780.0085	Requirement Deleted
UR13780.0090	Requirement Deleted
UR13780.0094	The BI2 and BAN2 fields shall be required when the ERL field = Y, otherwise the fields shall be optional.
UR13780.0095	Requirement Deleted
UR13780.0099	If the conditions in Requirement .0094 are not met, the following error message shall be returned to the user: &BOPI&&PON&BI2 and BAN2 required when ERL = Y on Bulk Order LSRs.
UR13780.0100	Requirement Deleted
UR13780.0103	For LNP applications, REQTYP B global processing, the BI2 and BAN2 fields shall be required when the ERL = Y, otherwise the fields shall be optional.
UR13780.0107	If the conditions in Requirement .0103 are not met, the following error message shall be returned to the user: BI2 and BAN2 required when ERL = Y
UR13780.0110	Requirement Deleted
UR13780.0113	The solution shall not allow the BI1 and BI2 fields to be populated with the same data on individually entered Bulk related SUP LSRs.
UR13780.0117	If the condition in Requirement .0113 is met, the following error message shall be returned to the user: BI2 must not equal BI1 on Bulk Ordered LSRs
UR13780.0120	Requirement Deleted
UR13780.0122	The solution shall not allow the BI1 and BI2 fields to be populated with the same data for initial Bulk Package requests.
UR13780.0123	If the condition in Requirement .0122 is met, the following error message shall be returned to the user: &BOPI&&PON&BI2 must not equal BI1 on Bulk Package requests
UR13780.0125	Requirement Deleted
UR13780.0130	Requirement Deleted
UR13780.0132	Requirement Deleted
UR13780.0135	Requirement Deleted
UR13780.0137	Requirement Deleted

Requirement No.	User Requirement
UR13780.0140	Requirement deleted
UR13780.0150	Requirement deleted
UR13780.0160	Requirement deleted
UR13780.0170	The solutions shall compare the first 8 characters of the ACTL with the first 8 characters of the SWC CLLI returned from RSAG for each EATN to ensure all accounts are from same wire center. If any accounts do not match, the solution shall reject the entire package.
UR13780.0175	If the condition in Requirement .0170 is not met, the following error message shall be returned to the user. &BOPI&&PON& Account not found in same serving wire center as Bulk Order ACTL
UR13780.0180	Requirement deleted
UR13780.0190	Requirement deleted
UR13780.0191	Requirement moved to .0587
UR13780.0200	Supplemental requests on original bulk order LSRs shall be accepted on individual LSR basis, as normal processing done today.
UR13780.0203	BOPI is required on SUPs issued on LSRs that are part of an original Bulk order package.
UR13780.0204	If the condition in Requirement .0203 is not met, the following error message shall be returned to the user. BOPI is required on SUPs issued on LSRs that are part of an original Bulk order package.
UR13780.0210	Supplemental Bulk ordering shall be allowed for SUP 01 (cancel). The bulk order SUP request shall apply to all remaining LSRs included in the original bulk order request and the solution shall increment those LSRs VER by 1.
UR13780.0211	Supplemental Bulk ordering for SUP 01 shall consist only of the following fields: CC (Required) SUP (Required) BOPI (Required) BULK VER (Required) D/T SENT. (Required)
UR13780.0211a	If the conditions in Requirement .0211 are not met, the following error message shall be returned to the user. &field name& is required for Bulk Order Supplemental Package
UR13780.0211b	If any additional fields other than the fields defined in .0211 are populated, the solution shall ignore them.
UR13780.0211c	Requirement Deleted
UR13780.0212	SUP 02 (due date changes) and 03 (all other changes) shall be prohibited with bulk order.

Requirement No.	User Requirement
UR13780.0215	If the conditions in Requirement .0212 are not met, the following error message shall be returned to the user. Only SUP 01 allowed on Bulk order REQTYP B requests.
UR13780.0216	If a Bulk Order Supplemental package is received and the original Bulk Order package was not found, the solution shall reject the Supplemental Bulk Order package.
UR13780.0216a	If the conditions in Requirement .0216 are met, the following error message shall be returned to the user. Can not process. Original Bulk Order Package not found.
UR13780.0216b	If a bulk order supplemental package to cancel is received and all of the associated LSRs are either cancelled or completed, the solution shall reject the package.
UR13780.0216c	If the conditions in Requirement .0216b are met, the following error message shall be returned to the user. Can not process. All LSRs in the bulk package are cancelled or completed.
UR13780.0217	Moved to .0211
UR13780.0218	Moved to .0211a
UR13780.0220	All return transactions, i.e., FOCs, CNs, POS, Rejects, Clarifications and Jeopardies shall be sent to the CLECs in individual transactions for each associated EATN submitted via bulk ordering.
UR13780.0222	A new internal only POS transaction for cancelled service orders shall be submitted by the LNP application to the solution for storage and system retrieval. This new POS shall not be submitted to the CLEC Users.
UR13780.0225	The fields BOPI and BULK VER shall be added to the map for all return transactions, FOCs, CNs, POS, Rejects, Clarifications and Jeopardies.
UR13780.0230	Requirement Deleted
UR13780.0240	The BOPI is prohibited on initial individually entered LSRs.
UR13780.0250	If the conditions in Requirement .0240 are not met, the following error message will be returned to the user: BOPI prohibited on initial individually entered LSRs.
UR13780.0252	The BULK VER is prohibited on any individually entered LSRs.
UR13780.0254	If the conditions in Requirement .0252 are not met, the following error message will be returned to the user: BULK VER prohibited on individually entered LSRs.
UR13780.0260	For all LSRs with BOPI populated, CHC is prohibited.
UR13780.0265	If the conditions in Requirement .0260 are not met, the following error message will be returned to the user: CHC prohibited on Bulk Order LSRs
UR13780.0268	For all LSRs with BOPI populated, DFDT is prohibited.

Requirement No.	User Requirement
UR13780.0270	If the conditions in Requirement .0268 are not met, the following error message will be returned to the user: DFDT prohibited on Bulk Order LSRs
UR13780.0275	For all LSRs with BOPI populated, DNUM is prohibited.
UR13780.0280	Requirement Deleted
UR13780.0285	If the conditions in Requirement .0275 are not met, the following error message will be returned to the user: DNUM prohibited on Bulk Order LSRs
UR13780.0290	Requirement Deleted
UR13780.0300	Requirement Deleted
UR13780.0310	Requirement Deleted
UR13780.0320	Requirement Deleted
UR13780.0330	Requirement Deleted
UR13780.0340	Requirement Deleted
UR13780.0350	Requirement Deleted
UR13780.0500	Requirement deleted
UR13780.0510	Requirement deleted
UR13780.0512	Requirement Deleted
UR13780.0515	Requirement deleted
UR13780.0517	Requirement deleted
UR13780.0520	Manual LSRs (Fax) are not applicable for bulk ordering.
UR13780.0530	For all LSRs with BOPI populated, EUMI of "Y" shall be prohibited.
UR13780.0535	If the conditions in Requirement .0530 are not met, the following error message will be returned to the user: EUMI prohibited on Bulk Order LSRs
UR13780.0536	For all LSRs with BOPI populated, EXP shall be prohibited.
UR13780.0537	If the conditions in Requirement .0536 are not met, the following error message will be returned to the user: EXP Prohibited on Bulk Order LSRs
UR13780.0540	The solution shall accept the bulk order package, break the individual PONs into separate LSRs and populate the remaining **required** LSR fields from the applicable legacy systems prior to sending the individual LSRs downstream to the LNP applications.
UR13780.0550	Requirement deleted
UR13780.0551	For LSRs with the BOPI populated, the class of service on the CSR of each EATN must match Appendix A.
UR13780.0552	If the conditions in Requirement .0551 are not met, the following error message will be returned to the user: Only Port/Loop Combination products can be migrated via Bulk Ordering Process.
UR13780.0560	Requirement Deleted.
UR13780.0570	Requirement Deleted.

Requirement No.	User Requirement
UR13780.0580	Requirement moved to .1000
UR13780.0585	Requirement moved to .1010
UR13780.0587	Requirement moved to .1020
UR13780.0587a	LENS users shall be allowed to submit individual SUPs, types 01, 02, and 03, on LENS bulk order originating LSRs.
UR13780.0588	The solution shall auto-clarify an individual SUP 01 LSR received on a previously cancelled LSR.
UR13780.0589	If the conditions in Requirement .0588 are met, the following error message will be returned to the user: Cannot SUP a previously cancelled LSR/PON
UR13780.0590	The service order processing shall be the same as REQTYP B today, unless specified otherwise in this document.
UR13780.0600	Requirement deleted
UR13780.0601	The solution shall auto-clarify an individual SUP 01 LSR received on a previously completed LSR.
UR13780.0605	If the conditions in Requirement .0601 are met, the following error message will be returned to the user: Invalid SUP, Subscription Version in state that cannot be changed.
UR13780.0610	Requirement Deleted.
UR13780.0620	Requirement Deleted.
UR13780.0630	Requirement Deleted
UR13780.0640	Requirement Deleted
UR13780.0650	Requirement Deleted
UR13780.0660	Requirement Deleted
UR13780.0661	Requirement deleted
UR13780.0662	Requirement deleted
UR13780.0665	The LCSC users shall have the ability, via LENS and LNPGUI, to retrieve a status summary of the bulk order LSRs, regardless of the CLEC interface.
UR13780.0667	The LCSC users shall have the ability, via LENS and LNPGUI, to retrieve the raw data of the bulk order LSRs, regardless of the CLEC interface.
UR13780.0670	The CLEC users, except for EDI users, shall have the ability to retrieve a status summary of the bulk order LSRs, via the interface the CLEC used to submit the bulk order package.
UR13780.0670a	Requirement deleted
UR13780.0670aa	All users, except for EDI users, shall have the ability to submit a raw data query by submitting the BOPI, BULK VER, CC.
UR13780.0670b	The CLEC users, except for EDI users, shall have the ability to retrieve the raw data of the bulk order LSRs, via the interface the CLEC used to submit the bulk order package.

<table>
<tr><th>Requirement No.</th><th>User Requirement</th></tr>
<tr><td>UR13780.0670c</td><td>The CLEC users, except for EDI users, shall have the ability to retrieve a status summary of the individually created LSRs, via the interface the CLEC used to submit the bulk order package.</td></tr>
<tr><td>UR13780.0670z</td><td>All users, except for EDI users, shall have the ability to submit a summary status query by submitting the BOPI and their CC.</td></tr>
<tr><td>UR13780.0671</td><td>All users, except for EDI users, shall have the summary status made up of the following fields:
CC, Bulk Order Package Identifier, Bulk VER
PON, Current PON VER, Current PON Status
Current Service Order Numbers, Current Service Order Status</td></tr>
<tr><td>UR13780.0671a</td><td>The PON status shall consist of the following statuses:
<table>
<tr><th>System process</th><th>PON status</th></tr>
<tr><td>LSR clarified, with the system sending a clarification or autoclarification</td><td>Clarified</td></tr>
<tr><td>LSR cancelled, with FOC sent on SUP 01 sent to the CLEC.</td><td>Cancelled</td></tr>
<tr><td>LSR completed, completion notice sent when all service orders completed and all TNs have gone number ported</td><td>Completed</td></tr>
<tr><td>LSR FOC’d, with FOC sent to the CLEC.</td><td>FOC</td></tr>
<tr><td>LSRs have been accepted by the solution, but they have not been processed enough to be clarified or FOC’d.</td><td>Pending</td></tr>
<tr><td>LSR has a Jeopardy notice returned to the CLEC.</td><td>Jeopardy</td></tr>
<tr><td>LSR has been rejected to the CLEC.</td><td>Rejected</td></tr>
<tr><td colspan="2"></td></tr>
</table></td></tr>
<tr><td>UR13780.0672</td><td>The raw data shall consist of the fields identified in Requirements .0040, .0050, .0060, for initial bulk order packages and .0211 for the bulk SUP 01 packages.</td></tr>
<tr><td>UR13780.0674</td><td>The bulk order status summary shall be created only from information returned to the CLEC by the solution.</td></tr>
<tr><td>UR13780.0679</td><td>If the CLEC submits a bulk order status summary query, and the bulk order package is not found, the solution shall return the following message:
Bulk Order Package does not exist in the database.</td></tr>
</table>

Requirement No.	User Requirement
UR13780.0680	Requirement Deleted
UR13780.0681	The notification messages associated to a bulk order LSRs and Package will be stored and available for system retrieval.
UR13780.0690	Requirement Deleted
UR13780.0700	Requirement Deleted
UR13780.0710	For global LNP processing, the CENT FID on the current EATN shall be used to determine the class of service and Routing code for the Directory Order.
UR13780.0720	TAG and LNP shall not recalculate the DDD on bulk order LSRs.
UR13780.0730	The DDD provided must be greater than or equal to 14 business days after the current system date of the bulk order package. This value shall be a tunable value for BellSouth. Non business days are defined as weekends and days defined by BellSouth.
UR13780.0740	If the conditions in Requirement .0730 are met, the following error message will be returned to the user: DDD must be greater than or equal to 14 business days after the date the Bulk Order Package is submitted.
UR13780.0743	The DDD provided on type 02 or 03 Supplemental LSRs with the BOPI populated must be greater than or equal to 14 business days after the current system date of the Supplemental LSR. This value shall be a tunable value for BellSouth. Non business days are defined as weekends and days defined by BellSouth.
UR13780.0746	If the conditions in Requirement .0743 are met, the following error message will be returned to the user: DDD on bulk ordered Supplemental must be greater than or equal to 14 business days after the date the Supplemental LSR is submitted.
UR13780.0750	Requirement deleted
UR13780.0760	Requirement deleted
UR13780.0770	Moved to .1030
UR13780.0780	Moved to .1040
UR13780.0790	Requirement Deleted
UR13780.0800	Requirement Deleted
UR13780.0810	Requirement deleted
UR13780.0815	Requirement deleted
UR13780.0820	Requirement deleted
UR13780.0825	Requirement deleted
UR13780.0826	Requirement deleted
UR13780.0830	Requirement deleted
UR13780.0840	Requirement deleted
UR13780.0850	When a request is made for changes to an LSR via the View LSR process, the solution shall not retrieve the BULK VER field.
UR13780.0860	Requirement Deleted

Requirement No.	User Requirement
UR13780.0870	For all original and SUP LSRs with the BOPI populated, the LNP GW will always return a clarification, regardless of the error type, i.e., 1st or 2nd level edits.
UR13780.0880	For Supplemental LSRs with the BOPI populated, Directory Listings shall be prohibited.
UR13780.0890	If the conditions in Requirement .0880 are met, the following error message will be returned to the user: Directory Listings prohibited on SUPs of Bulk Ordered LSRs
UR13780.0900	A new outbound reject message for bulk packages shall be used for bulk package rejects and shall consist of the following fields: CC BOPI BULK VER STATUS CODE STATUS MESSAGE ERROR CODE(s) ERROR MESSAGE(s)
UR13780.1000	Requirement Deleted
UR13780.1010	Requirement Deleted
UR13780.1020	Requirement Deleted
UR13780.1030	Requirement Deleted
UR13780.1040	Requirement Deleted

Appendix A

UNE-P USOCS—
Defined for UR13780

UNE USOC
UEPBX
UEPRX
UEPCO
UEPVB
UEPVR

Kentucky Public Service Commission
Docket No. 2003-00379
Surrebuttal Testimony of Ronald M. Pate
Exhibit No. RMP-7

BellSouth
UNE to UNE Bulk Ordering
Specifications for
EDI ELMS 6 Trading Partners

BellSouth

UNE to UNE Bulk Ordering Specifications for EDI ELMS 6 Trading Partners

Publication Date: 07/11/03

Notices

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REVISION HISTORY

Version/ Date	Change #	Release#/ Documentation Defect	Description
1.0 07/11/03	CR# **0687**	Release 14.0	Initial Version

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1 Purpose

This document will provide EDI Trading Partners with detailed specifications necessary for submitting an ELMS 6 bulk order for migrating existing Port/Loop Combination services to Loop with Local Number Portability (LNP) services via a comma-delimited file format. The Data Transformation Group (DTG) at BellSouth handles current EDI TCIF Issue 9 and ELMS 6 local exchange ordering transactions and will be the interface for EDI Trading Partners wishing to submit UNE to UNE bulk migration orders via this non-standard format.

For information concerning detailed specifications for the submission of TCIF Issue 9 bulk order local exchange ordering transactions, refer to the BellSouth UNE to UNE Bulk Ordering Specifications for EDI TCIF Issue 9 Trading Partners.

The rules and guidelines to be followed for successful electronic exchange of ELMS 6 bulk order documents are contained in this specifications guide.

EDI Trading Partners wishing to submit bulk order files should contact their BellSouth Electronic Commerce account team representative for assistance in setting up the appropriate connectivity parameters.

2 Intended Audience

This document is intended for CLECs and Software Vendors who are current EDI ELMS 6 Trading Partners, ordering local exchange products and services from BellSouth via EDI. Although these specifications are provided to allow current EDI ELMS 6 Trading Partners the ability to submit bulk migration orders, this bulk ordering process does not utilize standard EDI ANSI X12 transaction sets. Bulk ordering requires exchange of comma-delimited files as detailed in these specifications.

3 How To Use This Guide

This Guide is designed to assist Trading Partners in developing systems that can send and receive ELMS 6 bulk order related documents. Section 6 details the records that make up this data trading arrangement.

As with regular Local Service Ordering via EDI, Trading Partners must prepare and exchange electronic order documents that follow both the comma-delimited file specifications stated herein and the BellSouth usage rules as detailed in the BellSouth *Local Ordering Handbook*.

4 Assumptions

It is assumed that:

- The CLEC/Software Vendor is a current EDI Trading Partner ordering local services in the ELMS 6 arena.
- The CLEC/Software Vendor will use CONNECT:Direct® as their method of connectivity; VAN (Value Added Network) connectivity and IA (Interactive Agent) connectivity is not supported for UNE to UNE Bulk Orders. Bulk Ordering connectivity must be arranged with BellSouth's DTG group prior to sending orders.
- BellSouth will adhere to a 30-minute Acknowledgment turnaround to Trading Partners upon receipt of a bulk order.
- There will be at least a two-minute interval between bulk order files sent via CONNECT:Direct® to BellSouth.

- The sending party (CLEC/Vendor for initial or supplemental bulk orders; BellSouth for bulk order acknowledgments and reject notices) is responsible for ensuring successful submission of its bulk order data. The BellSouth translation jobs are operational 24 x 7, except during normal scheduled maintenance.
- BellSouth does not expect an Acknowledgment from the Trading Partner for bulk order Reject messages.

5 Bulk Ordering Process

Document flows are described below.

5.1 Initial Orders

- Trading Partner sends initial ELMS 6 bulk order package to DTG (comma-delimited format).
- DTG does initial validation of data, checking for correct trading partner information, record identifiers, etc.
  - If invalid data, negative Acknowledgment sent to Trading Partner (comma-delimited format).
    - < No further processing.
  - If valid data, positive Acknowledgment sent to Trading Partner (comma-delimited format).
    - < Processing continues.
- DTG forwards bulk package to BellSouth ordering systems for processing.
  - If invalid data, bulk order package reject notice prepared and sent to DTG for transfer to Trading Partner (comma-delimited format).
  - If valid data, bulk order package is "burst" into individual LSRs for processing.
    - < Processing continues.
- Response documents (FOCs, POS, CNs, etc.) for individual LSRs will be returned to Trading Partners via normal ELMS 6 855/865 transaction sets.
  - Trading Partners will respond to 855/865s with 997s, as normal.

5.2 Supplemental Orders (SUP)

- Trading Partner sends supplemental ELMS 6 bulk order to DTG.
- DTG does initial validation of data, checking for correct trading partner information, record identifiers, etc.
  - If invalid data, negative Acknowledgment sent to Trading Partner (comma-delimited format).
    - < No further processing.
  - If valid data, positive Acknowledgment sent to Trading Partner (comma-delimited format).
    - < Processing continues.
- DTG forwards supplemental bulk package to BellSouth ordering systems for processing.

6 Comma-delimited File Layout

The Order and Response specifications for submitting/receiving the comma-delimited bulk ordering files are described below. Because this service is designed for EDI ELMS 6 Trading Partners, data submitted must follow the same data characteristic rules as detailed in the BellSouth EDI Specifications Guide for ANSI ASC X12 Version 4030.

A comma-delimited "positional" record layout is used at BellSouth for exchanging bulk order data with its Trading Partners. Data in each record is separated by a comma (,). (Note: Because the comma is used as the data separator, the inclusion of a comma in actual data will result in an error condition.) A new record is indicated by a BellSouth-specified record identifier. Each record is terminated by a carriage return/line feed (HEX 0D0A), which is the default for most recent versions of Microsoft Excel.

Files must be transmitted via CONNECT:Direct® in binary mode with no translation.

6.1 Ordering Specifications

Initial Orders

Each initial bulk order file will consist of four record types:

- Bulk Order Envelope Record—once per file
- Bulk Order Package Record—once per file
- Purchase Order Record—multiple times per file
- Purchase Order Line Item Record—multiple times per Purchase Order Record

Supplemental Orders

Each SUP bulk order file will consist of only two record types:

- Bulk Order Envelope Record—once per file
- Bulk Order Package Record—once per file

Bulk Order Envelope Record

The first record is the Bulk Order Envelope Record. Each file will contain a Bulk Order Envelope Record.

Example:

RECID,TP-SENDER-ID,BS-RECEIVER-ID,TEST-PROD-IND,BULK-GEN-DATE,BULK-GEN–TIME

Field	Description
RECID	For the Bulk Order Envelope Record, the value of "**BOEV**"
TP-SENDER-ID	Trading Partner Sender Identification, provided when establishing connectivity
BS-RECEIVER-ID	BellSouth Receiver Identification, provided when establishing connectivity
TEST-PROD-IND	A "T" or a "P", indicating test or production order
BULK-GEN-DATE	The date the bulk order was sent to BellSouth in CCYYMMDD format
BULK-GEN–TIME	The date the bulk order was sent to BellSouth in HH:MM:SS format

Bulk Order Package Record

The second record is the Bulk Order Package Record. Each file may contain one Bulk Order Package Record.

Example:

RECID,BOPI,BULK VER,SUP,CC,REQTYP,ACT,LNA,TOS,CCNA,ACNA,CIC,NNSP,INIT,INIT-TEL-NO,INIT-FAX-NO,IMPCON, IMPCON-TEL-NO,DSGCON, DSGCON-STREET, DSGCON-CITY, DSGCON-STATE, DSGCON-ZIP-CODE,DSGCON-FLOOR, DSGCON-ROOM-MAIL-STOP,DSGCON-TEL-NO, DSGCON-FAX-NO,NC,NCI,SECNCI,ACTL,DRC,D/T SENT

Field	Description
RECID	For the Bulk Order Package Record, the value of "BOPI"
BOPI	Bulk Order Package Identifier
BULK VER	Bulk Package Version
SUP	Supplemental Type
CC	Company Code
REQTYP	Requisition Type
ACT	Activity Type

Field	Description
LNA	Line Activity
TOS	Type of Service
CCNA	Customer Carrier Name Abbreviation
ACNA	Access Customer Name Abbreviation
CIC	Carrier Identification Code
NNSP	New Network Service Provider Identification
INIT	Initiator Identification
INIT-TEL-NO	Initiator Telephone Number
INIT-FAX-NO	Initiator Fax Number
IMPCON	Implementation Contact
IMPCON-TEL-NO	Implementation Contact Telephone Number
DSGCON	Design/Engineering Contact
DSGCON-STREET	Design/Engineering Contact Street
DSGCON-CITY	Design/Engineering Contact City
DSGCON-STATE	Design/Engineering Contact State
DSGCON-ZIP-CODE	Design/Engineering Contact Zipcode
DSGCON-FLOOR	Design/Engineering Contact Floor
DSGCON-ROOM-MAIL-STOP	Design/Engineering Contact Email
DSGCON-TEL-NO	Design/Engineering Contact Telephone Number
DSGCON-FAX-NO	Design/Engineering Contact Fax Number
NC	Network Channel Code
NCI	Network Channel Interface Code
SECNCI	Secondary Network Channel Interface Code
ACTL	Access Customer Terminal Location
DRC	Design Routing Code
D/T SENT	Date Sent

Purchase Order Record

The third record is the Purchase Order Record. For each Bulk Order there may be multiple Purchase Order Records.

Example:

RECID,PON,VER,TOS,DDD,AN,BI1,BAN1,BI2,BAN2,ELT,EATN,NAME,RESID,MI

Field	Description
RECID	For the Purchase Order Record, the value of “BOPO”
PON	Purchase Order Number
VER	Version
TOS	Type of Service
DDD	Desired Due Date
AN	Account Number
BI1	Billing Account Number Identifier 1
BAN1	Billing Account Number 1
BI2	Billing Account Number Identifier 2
BAN2	Billing Account Number 2
ELT	End User Listing Treatment
EATN	Existing Account Telephone Number
NAME	Name
RESID	Response Identifier
MI	Migration Indicator

Purchase Order Line Item Record

The fourth record is the Purchase Order Line Item Record. For each Purchase Order Record, there may be multiple Purchase Order Line Item Records.

Example:
RECID,LNUM,PORTED_NBR,CHAN/PAIR,CHAN/PAIR2,CFA,CABLEID

Field	Description
RECID	For the Purchase Order Line Item Record, the value of "BOPL"
LNUM	Line Number
PORTED_NBR	Ported Number
CHAN/PAIR	Channel Pair
CHAN/PAIR2	Channel Pair 2
CFA	Connecting Facility Assignment
CABLEID	Cable ID

6.1.1 Example Bulk Order Files

The format of an ***initial*** file is illustrated below:

BOEV,TP-SENDER-ID,BS-RECEIVER-ID,TEST-PROD-IND,BULK-GEN-DATE,BULK-GEN–TIME
BOPI,BOPI,BULK VER,,CC,REQTYP,ACT,LNA,TOS,CCNA,ACNA,CIC,NNSP,INIT,INIT-TEL-NO,INIT-FAX-NO,IMPCON,IMPCON-TEL-NO,DSGCON,DSGCON-STREET,DSGCON-CITY,DSGCON-STATE,DSGCON-ZIP-CODE,DSGCON-FLOOR,DSGCON-ROOM-MAIL-STOP,DSGCON-TEL-NO,DSGCON-FAX-NO,NC,NCI,SECNCI,ACTL,DRC,D/T SENT
BOPO,PON,VER,TOS,DDD,AN,BI1,BAN1,BI2,BAN2,ELT,EATN,NAME,RESID,MI
BOPL,LNUM,PORTED_NBR,CHAN/PAIR,CHAN/PAIR2,CFA,CABLEID
BOPL,LNUM,PORTED_NBR,CHAN/PAIR,CHAN/PAIR2,CFA,CABLEID
BOPL,LNUM,PORTED_NBR,CHAN/PAIR,CHAN/PAIR2,CFA,CABLEID
BOPL,LNUM,PORTED_NBR,CHAN/PAIR,CHAN/PAIR2,CFA,CABLEID
BOPL,LNUM,PORTED_NBR,CHAN/PAIR,CHAN/PAIR2,CFA,CABLEID
BOPL,LNUM,PORTED_NBR,CHAN/PAIR,CHAN/PAIR2,CFA,CABLEID
BOPO,PON,VER,TOS,DDD,AN,BI1,BAN1,BI2,BAN2,ELT,EATN,NAME,RESID,MI
BOPL,LNUM,PORTED_NBR,CHAN/PAIR,CHAN/PAIR2,CFA,CABLEID
BOPL,LNUM,PORTED_NBR,CHAN/PAIR,CHAN/PAIR2,CFA,CABLEID
BOPL,LNUM,PORTED_NBR,CHAN/PAIR,CHAN/PAIR2,CFA,CABLEID
BOPL,LNUM,PORTED_NBR,CHAN/PAIR,CHAN/PAIR2,CFA,CABLEID
BOPO,PON,VER,TOS,DDD,AN,BI1,BAN1,BI2,BAN2,ELT,EATN,NAME,RESID,MI
BOPL,LNUM,PORTED_NBR,CHAN/PAIR,CHAN/PAIR2,CFA,CABLEID
BOPL,LNUM,PORTED_NBR,CHAN/PAIR,CHAN/PAIR2,CFA,CABLEID
BOPL,LNUM,PORTED_NBR,CHAN/PAIR,CHAN/PAIR2,CFA,CABLEID
BOPL,LNUM,PORTED_NBR,CHAN/PAIR,CHAN/PAIR2,CFA,CABLEID
BOPO,PON,VER,TOS,DDD,AN,BI1,BAN1,BI2,BAN2,ELT,EATN,NAME,RESID,MI
BOPL,LNUM,PORTED_NBR,CHAN/PAIR,CHAN/PAIR2,CFA,CABLEID
BOPL,LNUM,PORTED_NBR,CHAN/PAIR,CHAN/PAIR2,CFA,CABLEID
BOPL,LNUM,PORTED_NBR,CHAN/PAIR,CHAN/PAIR2,CFA,CABLEID
BOPL,LNUM,PORTED_NBR,CHAN/PAIR,CHAN/PAIR2,CFA,CABLEID
BOPO,PON,VER,TOS,DDD,AN,BI1,BAN1,BI2,BAN2,ELT,EATN,NAME,RESID,MI
BOPL,LNUM,PORTED_NBR,CHAN/PAIR,CHAN/PAIR2,CFA,CABLEID
BOPL,LNUM,PORTED_NBR,CHAN/PAIR,CHAN/PAIR2,CFA,CABLEID
BOPL,LNUM,PORTED_NBR,CHAN/PAIR,CHAN/PAIR2,CFA,CABLEID
BOPL,LNUM,PORTED_NBR,CHAN/PAIR,CHAN/PAIR2,CFA,CABLEID
BOPL,LNUM,PORTED_NBR,CHAN/PAIR,CHAN/PAIR2,CFA,CABLEID

The format of a ***supplemental*** file is illustrated below:

BOEV,TP-SENDER-ID,BS-RECEIVER-ID,TEST-PROD-IND,BULK-GEN-DATE,BULK-GEN–TIME
BOPI,BOPI,BULK VER,SUP,CC,,,

Field	Description
BULK-GEN–TIME	The date the bulk order was sent to BellSouth in HH:MM:SS format
TRANSACTION-TYPE	"A" for Positive Acknowledgment "N" for Negative Acknowledgment "R" for Reject

Bulk Order Package Record

The second record is the Bulk Order Package Record. Each file will contain a Bulk Order Package Record.

Example:

RECID,BOPI,BULK VER

Field	Description
RECID	For the Bulk Order Package Record, the value of "**BOPI**"
BOPI	Bulk Order Package Identifier
BULK VER	Bulk Package Version

Bulk Order Message Record

The third record is the Bulk Order Message Record. Each file will contain a Bulk Order Message Record.

Example:

RECID,MESSAGE CODE,MESSAGE

Field	Description
RECID	For the Bulk Order Message Record, the value of "**BOMS**"
MESSAGE CODE	An Acknowledgment, Status, or Error Code
MESSAGE	An Acknowledgment, Status, or Error Message

6.2.1 Example Response Files

The format of a *response* file is illustrated below:

BOEV,TP-SENDER-ID,BS-RECEIVER-ID,TEST-PROD-IND,BULK-GEN-DATE,BULK-GEN–TIME,TRANSACTION-TYPE
BOPI,BOPI,BULK VER
BOMS,MESSAGE CODE,MESSAGE
BOMS,MESSAGE CODE,MESSAGE
BOMS,MESSAGE CODE,MESSAGE
BOMS,MESSAGE CODE,MESSAGE
BOMS,MESSAGE CODE,MESSAGE
BOMS,MESSAGE CODE,MESSAGE

7 Glossary

ANSI	American National Standards Institute
ASC	Accredited Standards Committee
CLEC	Competitive Local Exchange Carrier
CN	Completion Notice
DTG	Data Transformation Group
ELMS 6	EDI Local Service Order Guideline Mechanization Specifications, Version 6
EDI	Electronic Data Interchange
FOC	Firm Order Confirmation
LNP	Local Number Portability
LSR	Local Service Request
POS	Pending Order Status
SUP	Supplemental Order
TCIF Issue 9	Telecommunications Industry Forum, Version 9
Trading Partner	CLEC or Software Vendor exchanging documents with DTG
UNE	Unbundled Network Services
VAN	Value Added Network

Kentucky Public Service Commission
Docket No. 2003-00379
Surrebuttal Testimony of Ronald M. Pate
Exhibit No. RMP-8

BellSouth
UNE to UNE Bulk Migrations

UNE to UNE Bulk Migrations

You can now process bulk orders for LSRs that migrate existing port/loop combinations services to Loop w/LNP services (REQTYP B, ACT V, all LNA V). You can also request and receive the status and image of a single REQTYP B LSR or a REQTYP B bulk order.

Area of Impact	
State / MSA	All BST States
TOS (Type of Service)	All Applicable
REQTYP	B
ACT / LNA*	ACT= V, LNA = V

Applicable Port/Loop Combination Products

- The bulk order LSRs apply only to migrating existing non-complex Port/Loop Combination services to Loop w/LNP LSRs, REQTYP B, with ACT of V, all LNA of V. If the REQTYP/ACT combination conditions are not met, the message *For Bulk Order Requests, only REQTYP B, ACT V, LNA V LSRs are applicable* will be returned to the user.
- The specific applicable Port/Loop Combination products are listed below. For LSRs with the BOPI populated, the class of service on the CSR of each EATN must match one of these USOCs. If not, the user receives the message *Only Port/Loop Combination products can be migrated via Bulk Ordering Process.*

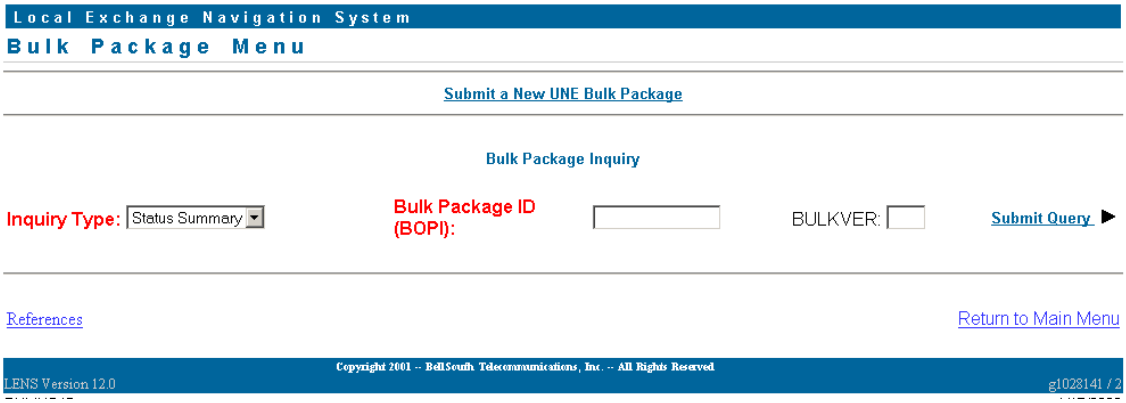
UNE USOC			
UEPAA	**UEPBC**	**UEPWA**	**UEPWB**
UEPAB	**UEPBL**	**UEPA1**	**UEPWD**
UEPAC	**UEPBM**	**UEPA8**	**UEPWP**
UEPAD		**UEPA9**	**UEPWF**
UEPAE	**UEPBO**	**UEPWC**	**UEPWH**
UEPAF	**UEPRC**	**UEPWQ**	**UEPBA**
UEPAG	**UEPRL**	**UEPWR**	**UEPWK**
UEPAH		**UEPWE**	**UEPWM**
UEPAJ	**UEPRM**	**UEPWG**	**UEPBB**
UEPAK	**UEPRO**	**UEPRQ**	**UEPWO**
UEPAL		**UEPWJ**	**UEPB2**
UEPAM		**UEPWL**	**UEPB3**
UEPAN		**UEPRS**	**UEPBE**
UEPAO		**UEPWN**	
UEPAP		**UEPRR**	
UEPB1		**UEPRT**	

Submitting Bulk Orders Manually

To submit bulk orders manually, follow the steps below.

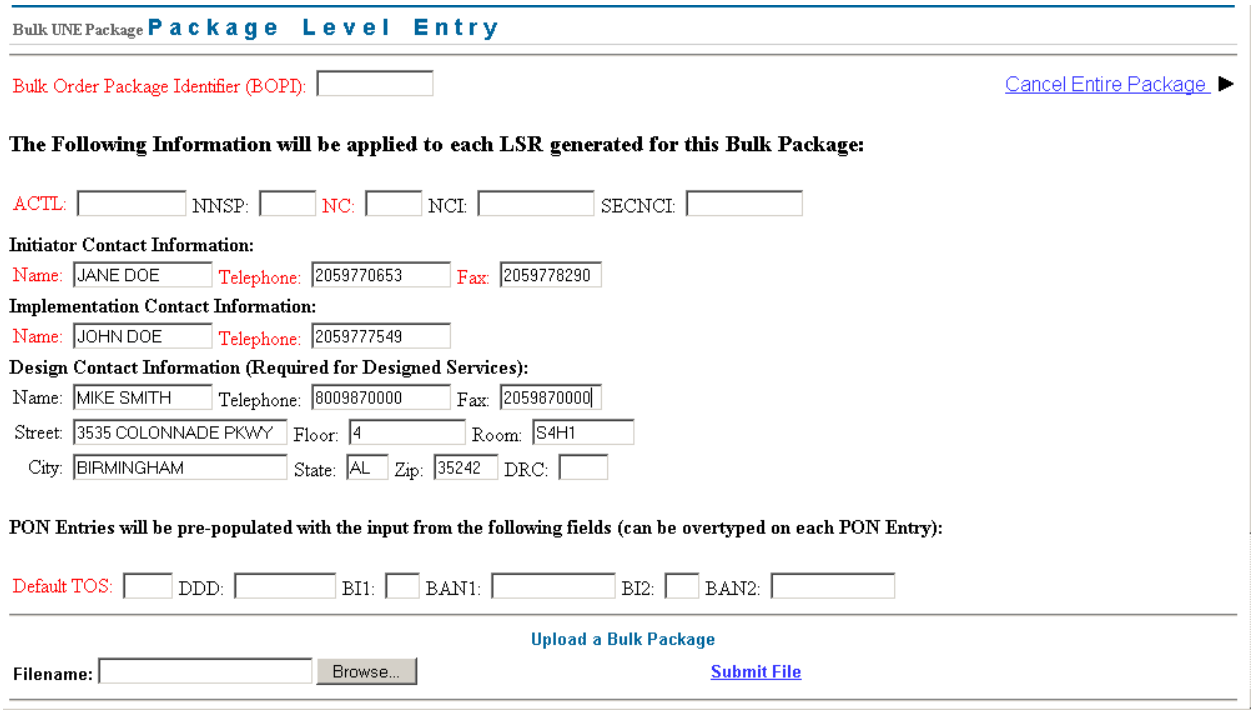
1. From the Main menu, click **Bulk UNE Packages**.

   The Bulk Package Menu screen appears (see below).



2. Click **Submit a New UNE Bulk Package**.

   The Package Level Entry screen appears (see below).



3. Enter the following information. It will be applied to each LSR generated for this bulk package.

Field	Description
Bulk Order Package Identifier (BOPI)	Required. • This field allows up to 12 A/N characters and has the same valid characters as the PON field. If the conditions are not met, the following error message is displayed: *The BOPI valid values are upper case alpha a thru z, numeric 0 thru 9, and symbols, - '.* • When *BULK* is appended to this field, it is mapped to the *Project* field on the individual LSRs.
ACTL	Required. The first 8 characters of the ACTL must match the first 8 characters of the SWC CLLI to ensure all accounts are from same wire center. If any accounts do not match, the entire package is rejected with the message *<BOPI> & <PON> & Account not found in same serving wire center as Bulk Order ACTL.*
NNSP	Optional
NC	Required
NCI	Conditional. Enter if required.
SECNCI	Conditional. Enter if required.

4. Enter the following Initiator Contact Information.

Field	Description
Name	Required
Telephone	Required
Fax	Required

5. Enter the following Implementation Contact Information.

Field	Description
Name	Required
Telephone	Required

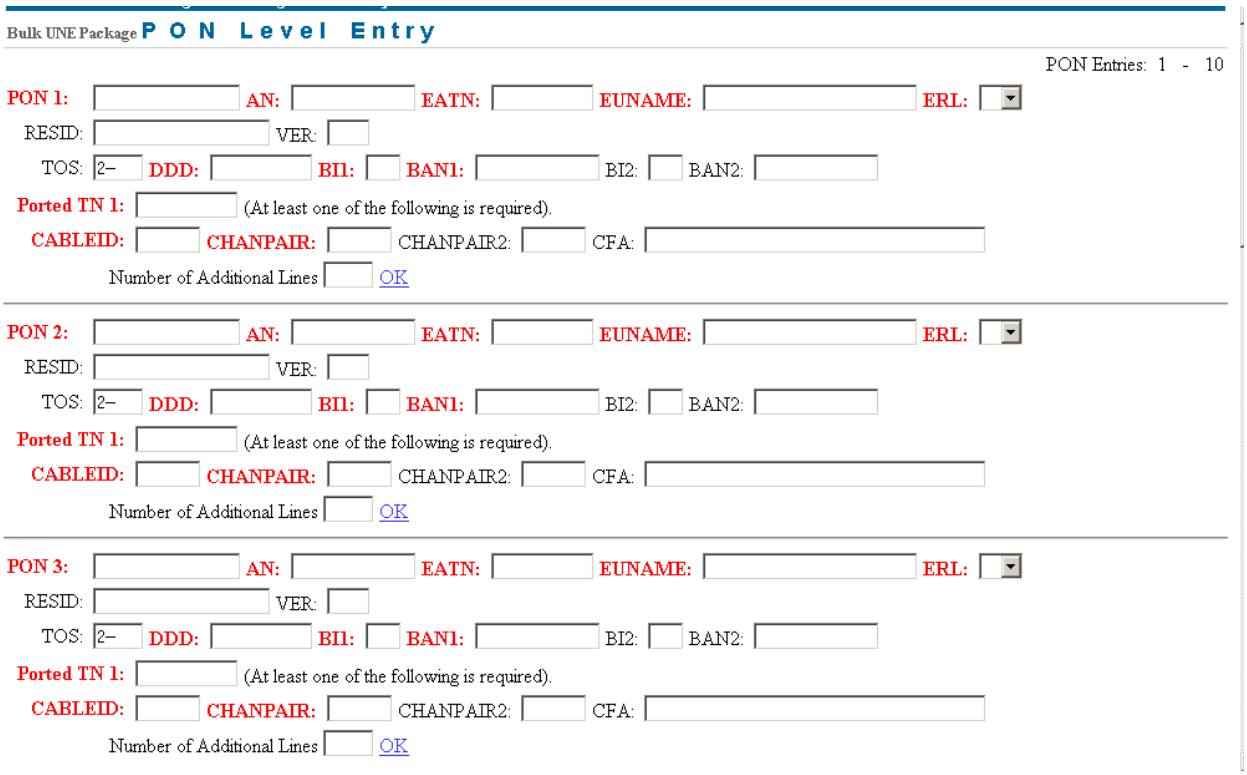
6. If the bulk order package is for designed services, enter the following Design Contact Information.

Field	Description
Name	Enter if required
Telephone	Enter if required
Fax	Optional
Street	Enter if required
Floor	Enter if required
Room	Optional
City	Enter if required
State	Optional
Zip	Optional
DRC	Optional

7. Enter the following fields if you want them pre-populated on the bulk order PONs. See Step 9 for field descriptions.
   - Default TOS
   - DDD
   - BI1
   - BAN1
   - BI2
   - BAN2

8. Click **Continue**.

   The PON Level Entry screen appears (see below).



9. Enter the following fields for each account (EATN)

Note: The bulk order LSR package must consist of a minimum of 2 and a maximum of 99 EATNs. Otherwise, LENS returns the message *Bulk Order Package must be a minimum of 2 and a maximum of 99 EATNs*.

Field	Description
PONx	Required
AN	Required
EATN	Required
EUNAME	Required
ERL	Required. Valid values are *A* or *B*.
RESID	Conditional. Enter if required.
VER	Optional on original bulk orders with values of blank or 00. If the conditions are not met on initial Bulk requests, the message *BULK VER must be spaces or zeros for initial bulk package* is returned to the user. •
TOS	Optional
DDD	Required. The DDD provided must be greater than or equal to 14 business days after the current system date of the bulk order package. If not, the following error message will be returned to the user: *DDD must be greater than or equal to 14 business days after the date the Bulk Order Package is submitted*
BI1	Required

Field	Description
BAN1	Required
BI2	• Required when the ERL field = Y, otherwise the fields is optional. If not met, the user receives the message *<BOPI> <PON> <BI2> and BAN2 required when ERL = Y on Bulk Order LSRs*. • For LNP applications, REQTYP B global processing, the BI2 and BAN2 fields are required when the ERL = Y, otherwise the fields are optional. If the conditions are not met, the following error message is returned to the user *BI2 and BAN2 required when ERL = Y*
BAN2	• Required when the ERL field = Y, otherwise the fields is optional. If not met, the user receives the message *<BOPI> <PON> <BI2> and BAN2 required when ERL = Y on Bulk Order LSRs*. • For LNP applications, REQTYP B global processing, the BI2 and BAN2 fields are required when the ERL = Y, otherwise the fields are optional. If the conditions are not met, the following error message is returned to the user *BI2 and BAN2 required when ERL = Y*

10. Enter the following fields for each ported TN if required.

Field	Description
LNUM	
PORTED TN 1	
CHANPAIR	Conditional
CHANPAIR2	Conditional
CFA	Conditional
CABLEID	Conditional

11. Enter the following additional fields if required.

Field	Description
Appointment Code	Enter *L* for Bulk Ordered LSRs.
NPT	Enter *D* for Bulk Ordered LSRs.

12. If you are entering more than 10 orders, click **Next** to display a new page.
13. When you have completed the final order, click **Submit Package**.

Uploading Bulk Order Files

If you do not want to type each bulk order manually, you can upload them in a file. See the sections that follow for details.

Creating a UNE-to-UNE Bulk Package File

Follow the steps below to create a bulk package file.

1. Open Microsoft Excel.
2. Create a row for each Ported TN (Line) using the rules below:
   - For a PON with multiple Lines, the first row (LNUM=1) should contain the PON, Line Details and PON Level Information for this PON. The rows for the additional Lines should contain only the PON, LNUM (=2, 3, 4, etc) and Line Details (Ported TN and either cable designation or CFA). An error will be generated if the PON Level Information (PON VER, EATN, Name EU, RESID, TOS, etc.) are populated on the rows for additional Lines for a PON.
   - LNUM is optional for a PON with a single Line.
   - The Default Values provided on the LENS upload page will be applied for each PON unless the corresponding field is populated. For example, the DDD populated on the LENS upload page will be used to populate the DDD for each PON unless a DDD is provided for a PON in this file. DDD must be populated on each PON in this file unless a Default DDD is provided via the LENS upload page.
   - EATN, Name EU and ERL are required for each PON. Ported TN is required on each row in this file. Either CFA or a Chan/Pair and Cable ID combination is required on each row in this file depending upon the NC/NCI/SECNCI value(s) provided on the LENS upload page.
3. Save the file as a Tab delimited text file (.txt) for upload.
4. Save the file also (Save As) in Microsoft Excel format so that future modifications can be made easily.

Uploading a UNE-to-UNE Bulk Package File

Follow the steps below to upload a bulk package file.

1. From the Bulk Package Menu, click **Submit a new UNE Bulk Package**.
2. Type the name and location of your file in the *Filename* field (for example, c:\orders\bulkorders\order7.txt).
   OR
   Click **Browse** to retrieve the file from your computer or company network. When the File Open dialog box appears, highlight the file and click Open. The file name will be populated in the *Filename* field.
3. Click **Submit File**.

   If all required fields are complete, an Acknowledgement is given indicating that the order was successfully completed and submitted to BellSouth.

FOCs, NCs, POS, Rejects, Clarifications, and Jeopardies

- All return transactions (FOCs, CNs, POS, Rejects, Clarifications and Jeopardies) will be sent to the CLECs in individual transactions for each associated EATN submitted via bulk ordering.
- The fields BOPI and BULK VER are displayed on all return transactions.
- If any of the individual LSRs cannot be created from the bulk package due to error conditions, the entire bulk package will be rejected. This applies to both initial and supplemental Bulk Packages.
- A new outbound reject message for bulk packages will be used for bulk package rejects and will consist of the following fields:

CC
BOPI
BULK VER
STATUS CODE
STATUS MESSAGE
ERROR CODE(s)
ERROR MESSAGE

PON Status

The PON status consists of the following statuses:

System Process	PON Status
LSR clarified, with the system sending a clarification or autoclarification	Clarified
LSR cancelled, with FOC sent on SUP 01 sent to the CLEC.	Cancelled
LSR completed, completion notice sent when all service orders completed and all TNs gone number ported	Completed
LSR FOC'd, with FOC sent to the CLEC.	FOC
LSRs have been accepted, but they have not been processed enough to be clarified or FOC'd.	Pending

Supplements

- SUP
  For initial bulk order LSR packages, SUP is prohibited. The error message *SUP prohibited on initial Bulk Order Package* will be returned to the user.
- BOPI (Bulk Order Package Identifier)
  BOPI is required on SUPs issued on LSRs that are part of an original Bulk order package. If not populated, the message *BOPI is required on SUPs issued on LSRs that are part of an original Bulk order package* will be returned to the user.
- BULK VER
  Required on Supplemental bulk orders, with values of 01 or greater. If condition not met on a Bulk SUP, the messages *BULK VER must be two numerics-01 or greater for supplemental bulk packages*
  and
  BULK VER required on Supplemental Bulk Order packages are returned to the user.
  - PROJECT
    The Project field value must match when comparing the supplemental LSR (except for a SUP 01 to cancel) to the original bulk ordered LSR. Otherwise, the message *For Bulk Ordered LSRs, the PROJECT field on Supplemental LSRs must match Initial LSRs* is returned to the user.
- ORIGINAL BULK ORDER PACKAGE NOT FOUND
  If a Bulk Order Supplemental package is received and the original Bulk Order package is not found, the Supplemental Bulk Order package will be rejected and the message *Cannot process. Original Bulk Order Package not found* is returned to the user.
- DIRECTORY LISTINGS
  For Supplemental LSRs with the BOPI populated, Directory Listings is prohibited. If populated, the following error message will be returned to the user: *Directory Listings prohibited on SUPs of Bulk Ordered LSRs*

SUP 01

- Supplemental Bulk ordering is allowed for SUP 01 (cancel). The bulk order SUP request applies to all remaining LSRs included in the original bulk order request and the LSRs VERs are incremented by 1.
- SUP01 Bulk Order Fields
  Supplemental Bulk ordering for SUP 01 consists of the following fields only. If the required values are not supplied, the message *<field name> is required for Bulk Order Supplemental Package.*

Field	Description
CC	Required
SUP	Required
BOPI	Required
BULK VER	Required
D/T SENT.	Required

- If a bulk order supplemental package to cancel is received and all of the associated LSRs are either cancelled or completed, the package will be rejected and the message *Can not process. All LSRs in the bulk package are cancelled or completed* will be returned to the user.

SUP 02 and SUP 03

- SUP 02 (due date changes) and 03 (all other changes) are prohibited with bulk order. If attempted, the user receives the message *Only SUP 01 allowed on Bulk order REQTYP B requests*.
- DESIRED DUE DATE
  The DDD provided on type 02 or 03 Supplemental LSRs with the BOPI populated must be greater than or equal to 14 business days after the current system date of the Supplemental LSR. If not, the following error message will be returned to the user: *DDD on bulk ordered Supplemental must be greater than or equal to 14 business days after the date the Supplemental LSR is submitted.*

Individual SUPS

- LENS users can submit individual SUPs, types 01, 02, and 03, on LENS bulk order originating LSRs.
- An individual SUP 01 LSR received on a previously cancelled LSR will be auto-clarified. The user will receive the message *Cannot SUP a previously cancelled LSR/PON*.
- An individual SUP 01 LSR received on a previously completed LSR will be auto-clarified. The user will receive the message *Invalid SUP, Subscription Version in state that cannot be changed.*
- ERL
  If the ERL field is different on the individually submitted Supplemental 03 LSRs

when compared to the original bulk ordered LSR, the Supplemental will be auto-clarified. The error message *<Field Name> cannot change from original to supplemental LSR* will be returned to the user.

- FIELD NAMES
  If any of the bulk order fields, with the exception of Bulk Ver, D/T Sent, or DRC, are different on the individually submitted Supplemental 02 and 03 LSRs when compared to the original LSR, the Supplemental will be auto-clarified. The error message *<Field Name> cannot change from original to supplemental LSR* will be returned to the user.

Manual LSRs

Manual LSRs (Fax) are not applicable for bulk ordering.

Performing Bulk Order Inquiries

LENS allows you to perform the following bulk order inquiries:

- Status Summary
- Raw Data

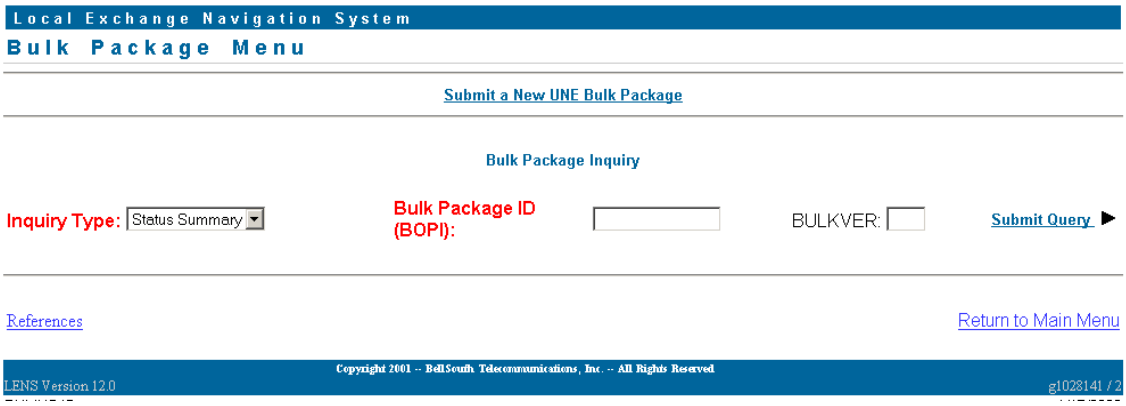
See the sections that follow for details.

Bulk Order Status Summary

To retrieve a bulk order status summary, follow the steps below.

1. From the Main menu, click **Bulk UNE Packages**.

   The Bulk Package Menu screen appears (see below).



2. Select **Status Summary** from the *Inquiry Type* pull down menu.
3. Enter the Bulk Package ID in the *Bulk Package ID (BOPI)* field.
4. Click **Submit Query**.

   The following fields are displayed (see below).

Summary Status Fields
CC
Bulk Order Package Identifier
Bulk VER
PON
Current PON VER
Current PON Status
Current Service Order Numbers
Current Service Order Status

   If a bulk order status summary query is submitted and the bulk order package is not found, you receive the message *Bulk Order Package has either been rejected or does not exist in the database*.

Raw Data Summary

To retrieve a raw data summary, follow the steps below.

1. Display the Bulk Package Menu.
2. Select **Raw Data** from the *Inquiry Type* pull down menu.
3. Enter the Bulk Package ID in the *Bulk Package ID (BOPI)* field and the version in the *Bulkver* field.
4. Click **Submit Query**.

   Package level and PON level entry pages will be displayed with the data you entered when you created your bulk order package.