

CASE

NUMBER:

99-133

BellSouth Telecommunications, Inc. 502 582-8219
P. O. Box 32410 Fax 502 582-1573
Louisville, Kentucky 40232 Internet
or Creighton.E.Mershon@bridge.bellsouth.com

Creighton E. Mershon, Sr.
General Counsel - Kentucky

BellSouth Telecommunications, Inc.
601 West Chestnut Street, Room 407
Louisville, Kentucky 40203

September 16, 1999

Helen C. Helton
Executive Director
Public Service Commission
730 Schenkel Lane
P. O. Box 615
Frankfort, KY 40602

RECEIVED
SEP 20 1999
PUBLIC SERVICE
COMMISSION

Re: Approval of the Interconnection Agreement Negotiated by BellSouth Telecommunications, Inc. ("BellSouth") and Supra Telecommunications and Information Systems, Inc., pursuant to Sections 251, 252 and 271 of the Telecommunications Act of 1996 PSC 97-447

and

Petition to Set Aside 12/19/97 Order Approving the Interconnection Agreement Negotiated by BellSouth Telecommunications, Inc. and Supra Telecommunications and Information Systems, Inc.; and to Approve Agreement Actually Entered Into by the Parties Pursuant to Sections 251, 252, and 271 of the Telecommunications Act of 1996

Petition of Supra Telecommunications & Information Systems, Inc. to Initiate Investigation into the Unfair Practices of BellSouth Telecommunications, Inc. in Negotiating Agreements with ALECS and Filing Such Agreements with the Kentucky Public Service Commission PSC 99-133

Dear Helen:

Pursuant to section 252(e) of the Telecommunications Act of 1996, BellSouth and Supra Telecommunications and Information Systems, Inc. are submitting to the Kentucky Public Service Commission their negotiated agreement for the interconnection of their networks, the unbundling of specific network elements, and the resale of BellSouth's telecommunications services to Supra Telecommunications and Information Systems, Inc. The Agreement was negotiated pursuant to sections 251, 252 and 271 of the Act. This Agreement replaces Supra's original Interconnection Agreement with BellSouth. It expires on the same date as the original Agreement, October 22, 1999.

The filing of this Agreement also resolves the issues in Commission Case 99-133.

Six copies of the agreement and eight copies of the transmittal letter are filed. The two extra copies of the letter are provided for Amanda Hale and Becky Dotson.

Please add the following to the service list for this matter: Creighton E. Mershon, Sr., BellSouth Telecommunications, Inc., P. O. Box 32410, Louisville, KY 40232; BellSouth Telecommunications, Inc., CLEC Account Team,

Helen C. Helton
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9th Floor, 600 N. 19th Street, Birmingham, AL 35203; and Supra
Telecommunications and Information Systems, Inc., Kay Ramos, 2620 S.W.
Avenue, Miami, FL 33133.

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

Sincerely,


Creighton E. Mershon, Sr.

Enclosure

cc: Kay Ramos and David V. Dimlich, Esq., Supra Telecommunications and
Information Systems, Inc.

178684



303 Peachtree Street, N.E.
Suite 2000
Atlanta, GA 30308

Telephone 404 222 3000
Fax 404 222 3050

September 10, 1999

Ms. Helen O'Leary
Executive Secretary
Georgia Public Service Commission
47 Trinity Avenue SW
Atlanta, GA 30334

Dear Ms. O'Leary:

BellSouth OSS Testing Engagement - Status Report

Enclosed please find an original and twenty-six (26) copies, as well as an electronic version, of KPMG's *BellSouth OSS Testing - Status Report*, dated September 10, 1999. These documents are provided for official filing with the Georgia Public Service Commission.

Also enclosed please find KPMG's signed Certificate of Service, dated September 10, 1999.

Please contact me if you require additional materials or information. Thank you.

Very truly yours,

KPMG LLP

David Frey
Manager

DF:btr

Enclosures



SEP 10 1999

1.0 Document Objective

In this document, KPMG provides a summary status report on developments related to the BellSouth OSS Testing Project. A brief overview of key developments is provided in section 2.0. A more detailed report on specific test items is provided in the table in section 4.0. Each item presented in the table in section 4.0 includes a reference number that identifies the item in previous or future status reports.

EXECUTIVE SECRETARY
GPSC

2.0 Key Developments

Assignment of Responsibilities

BellSouth, Hewlett-Packard (HP), and KPMG have jointly agreed to a change in the assignment of responsibilities in the testing process. A letter signed by the three parties that outlines the change in responsibilities has been sent to the Georgia Commission for their approval. The responsibilities outlined in the letter are as follows:

1. KPMG will be assigned the responsibilities of Test Manager in addition to the Firm B auditor role they are now fulfilling. These responsibilities will include:
 - a. Preparation and approval of the specific test plans for each of the test domains, including Pre-ordering, Ordering and Provisioning, Billing, Maintenance and Repair, Forecasting and Change Management, as well as all volume testing associated with each of these domains, consistent with the Commission's May 20, 1999 Order and the Master Test Plan.
 - b. Preparation of Local Service Request data, pre-ordering data, billing data, or any similar data required to execute the test plans described in (a).
 - c. Direction of the execution of the test plans, reporting of results, and preparation of the final report for the Commission.
2. KPMG will independently monitor the test by managing the test as an independent third party.
3. HP will be assigned the responsibilities of preparing the Testing Infrastructure which includes (a) preparing interfaces to conduct the test plans developed by KPMG, (b) transmitting and receiving the test data, and (c) collecting and reporting the results to KPMG.
4. HP will further provide professional services as required under the direction of KPMG both to help facilitate a smooth transition of responsibility, and to most effectively leverage HP's assets and expertise in the OSS testing arena.



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5. KPMG will maintain the original Firm B responsibilities assigned by the Commission, including evaluation of the transactional and operational testing, comparison of the testing results to those reported by BellSouth's OSS reporting systems, and the audit of BellSouth's Percent Flow-Through Service Requests.
6. The scope and detail of the testing will be as described in the Master Test Plan as updated August 20, 1999 or as further clarified by approval of KPMG as Test Manager.

This assignment of responsibilities will place KPMG and HP in roles similar to the roles these firms were assigned during the recently concluded test conducted by the NY-PUC of Bell Atlantic's OSS.

Transition Activities

Following the September 2, 1999 meeting to discuss transition of test manager responsibilities, KPMG test leads met with the HP test manager to review the status of the test plans for each evaluation area. Meetings were held to discuss the current status of the pre-test and test activities associated with the billing, pre-order, order & provisioning, maintenance & repair, change management, and volume test areas. Metrics evaluation approaches were discussed within the context of the functional test areas. The technology infrastructure developed and implemented by HP was also reviewed.

KPMG and HP are working in a cooperative manner to transfer work product and knowledge from the HP teams to newly formed KPMG teams. KPMG is currently assessing the usefulness of pre-test work product produced by HP in each of the functional test evaluation areas. KPMG is considering implementation of a front-end test management tool utilized in the New York and Pennsylvania tests.

KPMG submitted a transition plan to BST on September 8, 1999 detailing the activities KPMG and HP will jointly undertake to ensure an effective transition of the test manager role.

Test Developments

- Master Test Plan (MTP). A revised MTP was filed with the Georgia Public Service Commission on August 20, 1999.
- EDI Interface Testing. EDI-PC Testing has completed and the interface is being used for submission of service orders against the billing test bed. Testing for EDI LAN-to-LAN, an interface to be used for order functional testing, is in progress.
- TAG Interface Testing. The first two phases of connectivity and application testing have completed. Pre-order validity testing is in progress and expected to complete by September 13, 1999. Order validity testing will commence once EDI testing is complete.



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- RSIMMS (Volume Testing System) Environment Audit. KPMG has requested detailed information on both the RSIMMS and the production environments for comparison purposes. KPMG has suggested execution of a limited capacity test against the production environment. BellSouth has agreed and issued a change request for the MTP.
- Billing. On Monday, August 30, KPMG received a draft of the detailed test plans for the Invoicing and Daily Usage Feed Functional Tests (BLG-1, BLG-2). Following a joint test plan walk through by KPMG and HP, KPMG agreed that HP could proceed with submission of service orders. These submissions were subsequently initiated via EDI-PC. HP was provided with a list of considerations for inclusion in the next draft of the test plan. These considerations will be incorporated as KPMG assumes management of the test execution.
- Billing. Difficulties have arisen in the creation of the EDI-PC Billing service orders. A plan, now awaiting final concurrence, has been proposed to overcome these problems and minimize the overall impact on the test schedule.

3.0 Key Upcoming Activities

- KPMG will issue a test project schedule based on the transition activities to BellSouth during the week of September 13, 1999.
- BellSouth is scheduling training for new KPMG team members
- KPMG will issue future status reports covering all functional test areas upon achievement of the following test milestones:
 - Initiation of functional transaction testing for pre-order and order & provisioning
 - Initiation of volume testing for pre-order and order & provisioning



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4.0 Specific Item Status

Ref*	Item	Status	Issues	Next Step/Resolution
I-1	Master Test Plan (MTP) Revisions	<ul style="list-style-type: none"> A revised MTP was filed with the Commission on 8/20/99. 	<ul style="list-style-type: none"> KPMG is currently reviewing MTP in new role as Test Manager. Flow-Through Audit description is being revised. 	<ul style="list-style-type: none"> KPMG will provide proposed revisions by 9/17/99.
I-2	Test bed development	<ul style="list-style-type: none"> HP provided BST with an initial count of the number of facilities that need to be available for testing and the number of facilities that need to be provisioned before the start of testing. KPMG is reviewing and revising these requirements. BST has provided a summary of functional testing constraints based on the number of orders that will require manual processing and the number that are carried through to provisioning. 	<ul style="list-style-type: none"> HP's request excluded the number of facilities that need to be provisioned as CLEC accounts at the start of the test. BST transaction processing constraints could result in extension of the transaction test schedule 	<ul style="list-style-type: none"> KPMG is conducting a test bed requirements analysis and will provide test bed specifications to BST by mid-September. KPMG is developing test cases for each UNE scenario in the MTP. Based on the number and diversity of these test cases, KPMG will determine the number of instances to run against each test case. This data will be used to develop the test bed specifications and to arrive at a total number of planned test transactions.
I-6	EDI functional testing	<ul style="list-style-type: none"> EDI-PC interface testing completed on 9/2/99. This interface is being used for submission of LSRs used to establish accounts for the billing evaluation. Transactions sent through this interface are not part of the order functional transaction evaluations. 	<ul style="list-style-type: none"> None. 	<ul style="list-style-type: none"> N/A



**BellSouth OSS Testing Evaluation
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Ref*	Item	Status	Issues	Next Step/Resolution
		<ul style="list-style-type: none">• A Test Agreement for EDI LAN-to-LAN interface testing has been negotiated. The first two phases of testing, Connectivity and Syntax, have completed. End-to-end testing did not complete as scheduled on 9/3/99.• Eleven (11) of 20 end-to-end test cases have been successfully submitted.	<ul style="list-style-type: none">• An addendum to the Test Agreement will be negotiated since end-to-end testing did not complete as initially scheduled.• One of the scenarios (REQ Type A, ACT Type T) planned for interface testing is not currently supported by BST's EDI interface.	<ul style="list-style-type: none">• BST is in the process of validating the remaining end-to-end test cases.• An addendum to the Test Agreement will be developed, if necessary.• A software fix is scheduled to be implemented on 10/8/99 to allow this order type to be processed via EDI.



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Ref*	Item	Status	Issues	Next Step/Resolution
I-7	TAG functional testing	<ul style="list-style-type: none"> A Test Agreement for TAG interface testing has been negotiated. The first two phases of testing, Connectivity and Application, have completed. Validity testing for pre-order transactions did not complete as scheduled on 9/3/99. HP expects pre-order Validity testing to complete by 9/13/99. Order Validity testing will begin when EDI testing is complete. HP anticipates TAG interface testing will finish by 9/17/99. 	<ul style="list-style-type: none"> An addendum to the Test Agreement may have to be negotiated since Validity testing for pre-ordering and ordering did not complete as initially scheduled. 	<ul style="list-style-type: none"> HP will continue submitting pre-order Validity transactions and initiate order Validity testing. An addendum to the Test Agreement will be developed, if necessary.
I-8	BLG-1 CRIS/CABS Invoicing Functional Test	<ul style="list-style-type: none"> On 9/30/99, BST made the Billing test bed available to HP. At this time, HP's comprehensive test plan was not yet developed. KPMG asserted that LSR processing could initiate but HP would bear the risks that future test problems would be incurred. 	<ul style="list-style-type: none"> Considerable problems were encountered in processing the LSRs prepared by HP due to errors by both HP and BellSouth. In order to expedite the order entry and satisfy test schedule requirements, it was agreed to allow BST to assist in preparation of the LSRs, since LSR development and submission are outside the scope of the billing test targets. KPMG agreed to allow this assistance with the condition that firewalls be implemented between the HP billing and ordering teams. 	<ul style="list-style-type: none"> KPMG/HP billing teams will develop revised test plan and transaction schedule



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Ref#	Item	Status	Issues	Next Step/Resolution
		<ul style="list-style-type: none"> On 8/23/99, a BST SME team met with HP at the test site in order to address specific billing questions. The objective of this meeting was to expedite the manual submission of orders to establish the billing accounts. 	<ul style="list-style-type: none"> Billing questions were not received in advance by BST and, therefore, not addressed. The LSRs were populated with BST assistance; HP elected to delay submission of orders (via EDI instead of fax) until the September 5th/7th bill cycles. 	<ul style="list-style-type: none"> BST responded to HP's list of billing questions via email on 8/30. BLG-1 testing will begin according to HP's revised schedule. No additional action required.
		<ul style="list-style-type: none"> On 8/30/99, KPMG received a draft of the detailed test plan for BLG-1 and BLG-2. Upon review, it was determined that testing could start Wednesday, September 1st, although there were a number of recommendations for additions or revisions to the plans. HP began submitting orders via EDI-PC shortly thereafter. Due to submission errors, the targeted bill cycles of 9/5 and 9/7 were missed. 	<ul style="list-style-type: none"> A second draft of the detailed test plan is required and will be developed by KPMG and HP as part of the transition activities. 	<ul style="list-style-type: none"> KPMG to direct development of a revised detailed test plan
	Billing of LNP	<ul style="list-style-type: none"> LNP scenarios cannot be implemented in the initial Billing test transactions due to intervals involved in establishing a valid NPAC registration code. 	<ul style="list-style-type: none"> BST has suggested that, since no LNP indications appear on a bill, requiring two bill cycles for LNP provisioned elements would unnecessarily extend the Billing test. KPMG has concurred, subject to validation of the BST claim during testing. 	<ul style="list-style-type: none"> KPMG will test whether LNP charges appear on bills.



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Ref*	Item	Status	Issues	Next Step/Resolution
II-1	Metrics	<ul style="list-style-type: none">Reporting from the BST system for producing metrics (PMAP) is available monthly. For OSS testing purposes, KPMG/HP believe a more frequent reporting system is necessary.BST has proposed that access to tactical raw data will be provided at more frequent intervals than PMAP for metrics comparison purposes. However, PMAP will serve as the official source of BST metrics for the Performance Results Comparison tests.	<ul style="list-style-type: none">Metrics reporting and delivery procedures need to be developed and approved prior to initiation of functional testing.	<ul style="list-style-type: none">N/A
II-2	Project Plan/Schedule	<ul style="list-style-type: none">KPMG will issue a project plan/schedule on 9/14/99.	<ul style="list-style-type: none">None.	<ul style="list-style-type: none">N/A



**BellSouth OSS Testing Evaluation
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Ref*	Item	Status	Issues	Next Step/Resolution
II-3	Volume Test Audit	<ul style="list-style-type: none"> KPMG will audit the RSIMMS environment and report on whether BST adequately copied its current production environment. BST provided initial detailed information on the RSIMMS environment. KPMG has suggested execution of a limited capacity test in the production environment. 	<ul style="list-style-type: none"> KPMG does not believe that conducting the volume test against a test system environment rather than the production system environment will satisfactorily accomplish the objectives of the volume test. KPMG understands that the GA PSC has approved conducting the volume test against a test system environment, but believes BST may open itself to criticism from interested parties, and that this approach may negatively impact BST's 271 filing. KPMG has agreed to audit the adequacy of the replication of the production system in the test environment. BST has agreed to run a capacity test in the production environment. 	<ul style="list-style-type: none"> KPMG will conduct several walkthroughs and invasive system reviews to audit the system.
II-4	Volume Test	<ul style="list-style-type: none"> KPMG will design test cases and determine the distribution of pre-orders and orders for the volume test. KPMG is reviewing the HP test bed requirements submitted to BST. 	<ul style="list-style-type: none"> None. 	<ul style="list-style-type: none"> BST is determining which pre-orders and orders can be reused during the test and developing a system to reset the systems to allow for greater reuse of the test bed. KPMG will define the volumes needed for the Normal and Peak Tests, and will identify the flow-through pre-orders and orders to be tested. BST will provide a forecasted distribution of pre-orders.



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Ref*	Item	Status	Issues	Next Step/Resolution
II-5	Forecasting & Change Management	<ul style="list-style-type: none"> Electronic Interface Change Control Process (EICCP) Steering Committee meeting held on 8/3/99. Next meeting, scheduled for 9/14/99, will be a follow-up meeting to update the action items status. OSS99 Change Control Process meetings for 8/18/99, 8/25/99, and 9/8/99 were cancelled. A phone meeting was held on 9/1/99. The next weekly meeting is scheduled for 9/15/99. 	<ul style="list-style-type: none"> None. 	<ul style="list-style-type: none"> KPMG will write the formal Forecasting and Change Management test plans.
I-9	M&R Functional Testing: Connectivity	<ul style="list-style-type: none"> TAFI dial-up connectivity has been established. HP/KPMG have decided that the EC-CPM-TA client will be used as the access to ECTA. Reconfiguration to provide T-1 access should be completed by 9/15. 	<ul style="list-style-type: none"> Volume test interface and methodology have not been determined. 	<ul style="list-style-type: none"> A request has been made to BST to re-configure the T1 to access the EC-CPM-TA. KPMG will submit a list of M&R volume-related questions to BST.

*Referencing Methodology: An Issue beginning with I-n indicates that the issue was listed on the July 22, 1999 status report. An Issue beginning with II-n indicates that the issue is new for this report.

CERTIFICATE OF SERVICE

Docket No. 8354-U

This is to certify that I have this day served a copy of the BellSouth OSS Testing Evaluation Status Report, upon known parties of record, as follows:

Jim Hurt, Director
Tammy Stanley, Esq.
Consumers' Utility Counsel
2 MLK, Jr. Drive, Plaza Level East
Atlanta, GA 30334-4600

Newton M. Galloway
Newton Galloway & Associates
Suite 400 First Union Bank Tower
100 South Hill Street
Griffin, GA 30229

Charles A. Hudak, Esq.
Gerry, Friend & Sapronov, LLP
Three Ravinia Drive, Suite 1450
Atlanta, GA 30346-2131

Kent Heyman, General Counsel
MGC Communications
3301 N. Buffalo Drive
Las Vegas, NV 89129

Suzanne W. Ockleberry
AT&T
1200 Peachtree Street, NE
Suite 8100
Atlanta, GA 30309

John M. Stuckey, Jr.
Terri M. Lyndall
Webb, Stuckey & Lindsey
Harris Tower, Peachtree Center
233 Peachtree Street, 14th Floor
Atlanta, GA 30303

Charles V. Gerkin, Jr.
Chorey, Taylor & Feil
Suite 1700, The Lenox Building
3399 Peachtree Road, N.E.
Atlanta, GA 30326

Frank B. Strickland
Wilson, Strickland & Benson
One Midtown Plaza, Suite 1100
1360 Peachtree Street, NE
Atlanta, GA 30309

David I. Adelman
Sutherland, Asbill & Brennan
999 Peachtree Street, N.E.
Atlanta, GA 30309-3996

Carolyn Tatum Roddy
Sprint Communications
3100 Cumberland Circle
Atlanta, GA 30339

John P. Silk
Georgia Telephone Association
1900 Century Boulevard, Suite 8
Atlanta, GA 30345

Scott A. Sapperstein
Sr. Policy Counsel
Intermedia Communications Inc.
3625 Queen Palm Drive
Tampa, FL 33619

Eric J. Branfman
Richard M. Rindler
Swidler & Berlin
3000 K Street, NW, Suite 300
Washington, DC 20007

Robert A. Ganton
Regulatory Law Office
Dept. Army
Suite 700
901 N. Stuart Street
Arlington, VA 22203-1837

Peter C. Canfield
Dow Lohnes & Albertson
One Ravinia Drive, Suite 1600
Atlanta, GA 30346

James M. Tennant
Low Tech Designs, Inc.
1204 Saville Street
Georgetown, SC 29440

Peyton S. Hawes Jr.
127 Peachtree Street, NE
Suite 1100
Atlanta, GA 30303-1810

Tom Bond
Georgia Public Service Commission
47 Trinity Avenue, Room 520
Atlanta, GA 30334

Mark Brown
Director of Legal and Government Affairs
MediaOne, Inc.
2925 Courtyards Drive
Norcross, GA 30071

Martha P. McMillin
MCI WorldCom
6 Concourse Parkway, Suite 3200
Atlanta, GA 30328

James G. Harralson
BellSouth Long Distance
32 Perimeter Center East
Atlanta, GA 30346

Charles F. Palmer
Troutman Sanders LLP
5200 NationsBank Plaza
600 Peachtree Street, NE
Atlanta, GA 30308-2216

Judith A. Holiber
One Market
Spear Street Tower, 32nd Floor
San Francisco, CA 94105

Laureen McGurk Seeger
Morris, Manning & Martin
1600 Atlanta Financial Center
3343 Peachtree Road, NE
Atlanta, GA 30326-1044

Daniel Walsh
Assistant Attorney General
Office of the Attorney General
40 Capitol Square
Atlanta, GA 30334-1300

Special Assistant Attorney General
Georgia Public Service Commission
47 Trinity Avenue, Room 520
Atlanta, GA 30334

Cecil L. Davis Jr.
NEXTLINK Georgia, Inc.
4000 Highlands Parkway
Smyrna, GA 30082

Brian Sulmonetti, Director
MCI WorldCom
6 Concourse Parkway, Suite 3200
Atlanta, GA 30328

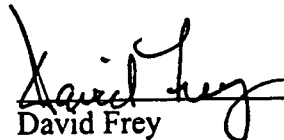
Jeffrey Blumenfeld
Elise P. W. Kiely
Blumenfeld & Cohen
1615 M Street, N.W.
Suite 700
Washington, DC 20036

James A. Schendt
Regulatory Affairs Manager
Interpath Communications, Inc.
P. O. Box 13961
Durham, NC 27709-3961

John McLaughlin
KMC Telecom Inc.
Suite 170
3025 Breckinridge Boulevard
Duluth, GA 30096

Fred McCallum Jr.
125 Perimeter Center West
Room 376
Atlanta, Georgia 30346

This 10th day of September, 1999.


David Frey

KPMG
303 Peachtree Street, N.E.
Suite 2000
Atlanta, GA 30308
(404) 222-3000

Hewlett-Packard Company
11775 Great Oaks Way, Suite 100
Alpharetta, Georgia 30022
404.485.0000



August 25, 1999

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**EXECUTIVE SECRETARY
G.P.S.C.**

Ms. Helen O'Leary
Executive Director
Georgia Public Service Commission
47 Trinity Avenue
Atlanta, Georgia 30334-5701

*Re: In re: Investigation into Development of Electronic Interfaces for BellSouth's
Operational Support Systems; Docket No. 8354-U.*

Dear Ms. O'Leary:

Enclosed please find an original and twenty-six (26) copies of Hewlett-Packard's Section I – Document Control for the BellSouth Georgia OSS Third Party Master Test Plan version 2.0 filed with the Commission on August 20, 1999. Section I – Document Control contains material that is designed to provide the Commission with additional detail about the revisions made to the Plan's appendices. The updated material does not constitute a change in direction with respect to the testing, nor is it in conflict with the Commission's July 2, 1999 order approving BellSouth's Third Party Testing Plan.

Please file this section and return one (1) file-stamped copy of the document to us in the enclosed envelope. Also enclosed is an Electronic Filing Transmittal Sheet and diskette containing the document.

Thank you for your cooperation in this matter.

Sincerely,

Patricia Gill
BS 271 Program Manager

Cc: All Interested Parties

Enclosures

I. Document Control

A. Distribution

<i>Copy No.</i>	<i>Person</i>	<i>Department</i>	<i>Date Sent</i>
	Georgia Public Service Commission		
	To Be Named David Burgess	Georgia Public Service Commissioner	June 1, 1999
	To Be Named Leon Bowles	Georgia Public Service Commission Staff	June 1, 1999
	KPMG LLP		
	Michael Weeks	Third Party OSS Testing Audit Director	June 1, 1999
	Ray Sears	Engagement Partner	June 1, 1999
	Dietmar Nicolai David Frey	Engagement Manager	June 1, 1999
	Hewlett-Packard		
	Dale Hatcher	HP Consulting Partner	
	To Be Named Patricia Gill	Third Party OSS Testing Engagement Director Program Manager 271 Compliance	
	BellSouth		
	William Stacy	ICS Access Certification Program Sponsor	June 1, 1999
	Bennett Ross	BellSouth Legal	June 1, 1999

Figure I - I: Distribution List For Document

B. Approved By

<i>Person</i>	<i>Department</i>	<i>Date</i>
To Be Named David Burgess	Georgia Public Service Commissioner	
To Be Named Leon Bowles	Georgia Public Service Commission Staff	
Michael Weeks	KPMG Third Party OSS Testing Audit Director	

Figure I - II: Approval List For Document

C. Version Control

<i>Version</i>	<i>Date</i>	<i>Reason</i>
Draft 1.0	March 19, 1999	Draft version for project review.
Draft 2.0	May 21, 1999	Working draft for internal review.
Draft 2.1	May 25, 1999	Working draft for KPMG/BellSouth review.
Draft 2.2	May 27, 1999	Working draft for final review.
Final 1.0	May 29, 1999	Final copy for Georgia PSC review.
<u>Version 2.0</u>	<u>August 16, 1999</u>	<u>Revisions for corrections and clarifications.</u>

Figure I - III: Version Control

D. Revision Notes

Version 2.0 08/16/1999	
Global Changes	The following changes were made within each Master Test Plan Section:
	1. References to the <i>exception reporting process</i> were removed from all Entrance Criteria, since this is a global entrance criterion.
	2. <i>Numbered tables</i> were renumbered correctly.
	3. <i>Additions and deletions</i> to the content (listed individually below) are shown as <i>revisions</i> .
	4. <i>Formatting</i> for numbered lists, tables, headings, spacing, paragraphs, italics, bolding, etc., <i>punctuation</i> , and <i>capitalization</i> were standardized to promote consistency and grammatical accuracy throughout the Sections. (These are sometimes seen online as Property Changes in the Revisions.)
	5. <i>Footers</i> were changed to reflect correct Section Title, page, and Version/date.
Document Organization Summary	
	Page ii Appendix D-1, Evaluation Criteria , was added; previous title, Performance Metrics, was deleted.
	Description "performance metrics" was changed to "evaluation criteria."
	Page ii Appendix D-2, Service Quality Measurements Regional Performance Reports and its description were added.
Document Control	
<i>A. Distribution, Page I - 1</i>	Georgia Public Service Commission: David Burgess and Leon Bowles added.
	KPMG LLP: Title, Engagement Partner , added for Ray Sears; Dietmar Nicolai changed to David Frey .
	Hewlett-Packard: Dale Hatcher, HP Consulting Partner , added; Patricia Gill, Program Manager 271 Compliance , added.
<i>B. Approved By, Page I - 1</i>	David Burgess, Georgia Public Service Commissioner , and Leon Bowles, Georgia Public Service Commission Staff , added.
<i>C. Version Control, Page I - 2</i>	Version 2.0 added.

II. Introduction	
<i>A. Background, Page II - 2</i>	<i>Test Manager's Interfaces</i> and text added.
<i>Page II - 3</i>	<i>Functional Testing Environment</i> and text added.
<i>Page II - 3</i>	<i>Volume Testing Environment</i> and text added.
<i>Page II - 3</i>	<i>Other Support Functions</i> and text added.
<i>B. Scope, Page II - 8</i>	<i>EODUF</i> and <i>Description</i> deleted.
<i>F. Document Structure, Page II - 16</i>	<i>Appendices D-1</i> and <i>D-2</i> , titles and descriptions added.
III. Test Framework	
<i>B. Approach, Page III - 2</i>	Text rearranged for clarity.
<i>C. Evaluation & Results, Page III - 6</i>	<i>Evaluation Criteria, Performance Metrics, and Standards of Performance</i> title and text added. <i>Master</i> added to Test Plan under <i>Entrance Criteria</i> .
IV. Pre-Order	
<i>B. Scope, Page IV - 1</i>	<i>Test Cycles PRE-4, 5, and 6</i> added to <i>Figure IV - I</i> .
<i>Page IV - 2</i>	Text added regarding Pre-order scalability.
<i>C. Test Cycles, Page IV - 2</i>	1.1 Description text added.
<i>Page IV - 3</i>	1.3 Entrance Criteria text added, deleted, and rearranged for readability.
<i>Page IV - 4 & 5</i>	Parentheses added to <i>error(s)</i> .
<i>Page IV - 8</i>	1.6 Exit Criteria text added and rearranged for readability.
<i>Page IV - 9</i>	2.3 Entrance Criteria text added and rearranged for readability. <i>Evaluation criteria</i> and <i>Guidelines for measuring variances</i> also added to text.
<i>Page IV - 10</i>	Three items added to <i>Figure IV-II, Pre-Ordering Performance Results Comparison Test Scope</i> . Parentheses added to 2.5 Test Activities , item 6. 2.6 Exit Criteria text added and rearranged for readability.
<i>Page IV - 11</i>	Changes and additions made to 3.1 Description .
<i>Page IV - 12</i>	3.3 Entrance Criteria text added and rearranged for readability. <i>Test Plan</i> and <i>evaluation criteria</i> added to text.
<i>Page IV - 13</i>	Two items added to 3.5 Test Activities . Parentheses added.
<i>Page IV - 14</i>	3.6 Exit Criteria text added for readability.

Pages IV - 14 - 17	<p>4.0 PRE-4: TAG Normal Volume Performance Test title and text added and rearranged for readability.</p> <p>5.0 PRE-5: TAG Peak Volume Performance Test title and text added and rearranged for readability.</p> <p>6.0 PRE-6: Pre-Order Processing Systems Scalability Evaluation title and text added and rearranged for readability.</p>
V. Ordering and Provisioning	
C. Test Cycles, Page V - 2	Text added to and number changed in 1.1 Description .
Page V - 3	1.3 Entrance Criteria text added, deleted, and rearranged.
Page V - 4	1.4 Test Scope Test Functions added and deleted.
Page V - 7	1.6 Exit Criteria text added and rearranged for readability.
Page V - 7	Expedites added to 2.1 Descriptions .
Page V - 8	2.3 Entrance Criteria text added and rearranged for readability. Evaluation criteria added to text.
Page V - 9	2.4 Test Scope text added and deleted.
Page V - 12	2.6 Exit Criteria text added and rearranged for readability.
Page V - 12	3.1 Description text added. Text rearranged for grammar corrections.
Page V - 13	3.3 Entrance Criteria text added and rearranged for readability. Test Plan and evaluation criteria and other text added.
Page V - 15	3.6 Exit Criteria text added for readability.
Page V - 16	Text added and changed in 4.1 Description .
Page V - 17	4.3 Entrance Criteria text added, deleted, and rearranged for corrections and readability.
Page V - 19	4.6 Exit Criteria text added for readability.
Page V - 20	5.3 Entrance Criteria text added and rearranged for corrections and readability. Test Plan and evaluation criteria and other text added.
Page V - 21	One item added and one word deleted in 5.4 Test Scope Figure V-VI: Provisioning Verification Test Scope .
Page V - 22	"Perform joint provisioning activities" deleted from 5.5 Test Activities .
Page V - 22	5.6 Exit Criteria text added for readability; one item deleted.
Page V - 23	Figure VI-VII added to 6.1 Description .
Page V - 23	6.3 Entrance Criteria text added and rearranged for corrections and readability. Test Plan and evaluation criteria and other text added.
Page V - 25	6.6 Exit Criteria text added for readability.
Page V - 26	7.3 Entrance Criteria text added and rearranged for readability. Test Plan and evaluation criteria and other text added.
Page V - 28	7.6 Exit Criteria text added for readability.

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Page V - 28	8.3 Entrance Criteria <i>text</i> added and rearranged for readability. <i>Test Plan and evaluation criteria</i> and several other items added.
Page V - 30	8.6 Exit Criteria <i>text</i> added for readability.
Page V - 30	9.3 Entrance Criteria <i>text</i> added and rearranged for readability. <i>Test Plan and evaluation criteria</i> and several other items added.
Page V - 32	9.6 Exit Criteria <i>text</i> added for readability.
VI. Billing	
B. Scope, Page VI - 1	BLG-3 deleted from <i>Figure VI - I, Billing Test Cycles</i> .
C. Test Cycles, Page VI - 3	Additions and deletions to <i>text</i> in 1.1 Description .
Page VI - 3	1.3 Entrance Criteria <i>text</i> added, deleted, and rearranged.
Page VI - 4	Several items deleted, one item added to 1.4 Test Cycle Scope .
Page VI - 5	Two items added to 1.5 Test Activities .
Pages VI - 5 & 6	1.6 Exit Criteria <i>text</i> added for readability.
Pages VI - 6	Additions and deletions to <i>text</i> in 2.1 Description .
Page VI - 7	2.3 Entrance Criteria <i>text</i> corrected, added, deleted, and rearranged.
Page VI - 8	One item added to 2.4 Test Cycle Scope .
Page VI - 8	Three items added, one corrected in 2.5 Test Activities .
Page VI - 9	2.6 Exit Criteria <i>text</i> added.
Page VI - 9 - 11	3.0 BLG-3 deleted.
Page VI - 12	4.3 Entrance Criteria <i>text</i> added and rearranged for readability. <i>Test Plan and evaluation criteria</i> and several other items added.
Page VI - 13	4.6 Exit Criteria <i>text</i> added for readability.
Page VI - 14	5.3 Entrance Criteria <i>text</i> added and rearranged for readability. <i>Test Plan and evaluation criteria</i> and other items added.
Page VI - 15	5.6 Exit Criteria <i>text</i> added for readability.
Page VI - 16	6.3 Entrance Criteria <i>text</i> added and rearranged for readability. <i>Test Plan and evaluation criteria</i> added.
Page VI - 17	Additions and deletions in 6.4 Test Cycle Scope .
Page VI - 17	Additions and deletions in 6.5 Test Activities .
Page VI - 18	6.6 Exit Criteria <i>text</i> added for readability.
Page VI - 18	Deletions and changes in 7.1 Description .
Page VI - 19	7.3 Entrance Criteria <i>text</i> added and rearranged for readability. <i>Test Plan and evaluation criteria</i> added. Changes in <i>text</i> .
Page VI - 19	7.6 Exit Criteria <i>text</i> added for readability.
Page VI - 20	Deletions and changes in <i>text</i> in 8.0 BLG and 8.1 Description .
Page VI - 20	8.3 Entrance Criteria <i>text</i> added and rearranged for readability. <i>Test Plan and evaluation criteria</i> added.

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<i>Page VI - 21</i>	8.6 Exit Criteria <i>text</i> added for readability.
Maintenance and Repair	
<i>C. Test Cycles, Page VII - 2</i>	Note added.
<i>Page VII - 3</i>	Additions and deletions to <i>text</i> in 1.1 Description.
<i>Page VII - 3</i>	Additions and deletions to <i>text</i> in 1.3 Entrance Criteria.
<i>Page VII - 4</i>	Addition to 1.4 Test Cycle Scope.
<i>Page VII - 5</i>	Additions to 1.5 Test Activities.
<i>Page VII - 6</i>	1.6 Exit Criteria <i>text</i> added for readability.
<i>Page VII - 7</i>	Changes in 2.1 Description.
<i>Page VII - 8 & 9</i>	2.3 Entrance Criteria <i>items</i> and <i>text</i> added and rearranged for readability.
<i>Page VII - 9</i>	Addition and changes in 2.4 Test Cycle Scope.
<i>Page VII - 10</i>	Additions and changes in 2.5 Test Activities.
<i>Page VII - 11</i>	2.6 Exit Criteria <i>text</i> added for readability.
<i>Page VII - 11</i>	Changes in 3.1 Description.
<i>Page VII - 12</i>	3.3 Entrance Criteria <i>items</i> and <i>text</i> added and rearranged for readability.
<i>Page VII - 13</i>	Changes in 3.4 Test Cycle Scope.
<i>Page VII - 14</i>	Two items added, one changed in 3.5 Test Activities.
<i>Page VII - 14 & 15</i>	3.6 Exit Criteria <i>text</i> added for readability.
<i>Page VII - 15</i>	Word changes in 4.1 Description.
<i>Page VII - 16</i>	4.3 Entrance Criteria <i>items</i> and <i>text</i> added.
<i>Page VII - 17</i>	Changes in 4.4 Test Cycle Scope.
<i>Page VII - 18</i>	Two items added, one changed in 4.5 Test Activities.
<i>Page VII - 18</i>	4.6 Exit Criteria <i>text</i> added for readability.
<i>Page VII - 20</i>	5.3 Entrance Criteria <i>items</i> and <i>text</i> added and rearranged for readability.
<i>Page VII - 21</i>	5.6 Exit Criteria <i>text</i> added for readability.
<i>Page VII - 21</i>	6.0 <i>title</i> changed to ECTA Scalability Evaluation
<i>Page VII - 21 & 22</i>	6.3 Entrance Criteria <i>text</i> added and rearranged for readability. <i>Test Plan and evaluation criteria</i> added.
<i>Page VII - 22 & 23</i>	6.6 Exit Criteria <i>text</i> added for readability.
<i>Page VII - 23</i>	7.3 Entrance Criteria <i>items</i> and <i>text</i> added and rearranged for readability.
<i>Page VII - 24</i>	<i>Items</i> added in 7.4 Test Cycle Scope.
<i>Page VII - 25</i>	7.6 Exit Criteria <i>text</i> added for readability.
<i>Page VII - 25</i>	Changes in 8.1 Description.

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<i>Page VII - 26</i>	8.3 Entrance Criteria <i>items and text</i> added and rearranged for readability.
<i>Page VII - 27</i>	8.6 Exit Criteria <i>text</i> added for readability.
<i>Page VII - 27</i>	Changes in 8.1 Description .
<i>Page VII - 27 & 28</i>	9.3 Entrance Criteria <i>items and text</i> added and rearranged for readability.
<i>Page VII - 29</i>	9.6 Exit Criteria <i>text</i> added for readability.
VIII. Forecasting & Change Management	
<i>A. Overview, Page 1</i>	Additional <i>text</i> .
<i>Page VIII - 2</i>	1.3 Entrance Criteria <i>text</i> added and rearranged for readability. <i>Items</i> added.
<i>Page VIII - 2 & 3</i>	<i>Items</i> added and changed in 1.5 Test Activities .
<i>Page VIII - 3</i>	1.6 Exit Criteria <i>text</i> added for readability.
<i>Page VIII - 3</i>	One <i>item</i> deleted in 2.1 Description .
<i>Page VIII - 4</i>	Changes to 2.2 Objective .
<i>Page VIII - 4</i>	2.3 Entrance Criteria <i>text</i> added and rearranged for readability. <i>Items</i> added.
<i>Page VIII - 5</i>	<i>Items</i> added to 2.5 Test Activities .
<i>Page VIII - 5</i>	2.6 Exit Criteria <i>text</i> added for readability.
Appendix A: Product Selection & Description	
<i>Page A - 2</i>	Editorial change in <i>text</i> in Product Selection & Description . Editorial change in <i>text</i> in <i>Figure A - I: Product Categories</i> .
<i>Page A - 5</i>	One <i>item</i> deleted in <i>Figure A - II: Test Product List</i> .
<i>Page A - 6</i>	Omitted word inserted.
<i>Page A - 6</i>	Editorial changes in <i>text</i> in Unbundled Network Elements .
<i>Page A - 9</i>	Grammatical correction in Long Term Number Portability (LNP) .
<i>Page A - 9</i>	Editorial change in 2-Wire and 4-Wire Analog Ports .
<i>Page A - 9</i>	Editorial change in 2-Wire and 4-Wire Digital Ports .
<i>Page A - 10</i>	Editorial changes in Resale Products .
<i>Page A - 12</i>	<i>Figure</i> and <i>Figure Title</i> added.
<i>Page A - 12 & 13</i>	Editorial changes in Integrated Services Digital Network (ISDN) - Basic Rate Interface .
<i>Page A - 13 & 14</i>	Editorial changes in Synchronet® .
<i>Page A - 14</i>	One <i>item</i> deleted in CLEC Services and Features List .

Page A - 16	Deletion in Complete Choice® Service. Deletion in Area Plus* with Complete Choice*. Editorial changes in Vertical Features
Page A - 17	Call Blocking deleted.
Page A - 19	Table created and titled for BellSouth Resale Products. (No text changed.)
Page A - 20	Editorial changes in 1. Basic Class Of Service Equivalency Class.
Page A - 21	Phrases rearranged for consistency in Figure A - V: Basic Class of Service and Figure renumbered for accuracy.
Page A - 21 & 22	Editorial changes to sentence structure in 2. BellSouth Custom Calling Services Equivalency Class.
Page A - 23	Editorial changes in 3. TouchStar* Equivalency Class.
Appendix B1: Pre-Ordering Scenarios	
B. Test Case Definition, Page B1 - 3	1. Query Criteria: editorial change. 2. Sub-Menus: editorial change.
Page B1 - 4	3. Test Errors: change in text.
C. Pre-Ordering Coverage Matrix, Page B1- 5 & 6	Changes and deletions in Figure B1 - IV: Pre-Ordering Coverage Matrix. Table reformatted.
D. Pre-Ordering Scenario Descriptions, Page B1 - 6 & 7	Changes and deletions in Figure B1 - V: Pre-Ordering Scenario Descriptions.
Appendix B2 - Resale Scenarios.	
Page B2 - 5	One item deleted from Resale Ordering Coverage Figure B2 - VI: Resale Ordering Coverage Matrix.
Pages B2 - 6 & 7	Editorial changes to Figure B2 - VI: Resale Ordering Coverage Matrix.
Page B2 - 9	One item deleted from Resale Ordering Scenarios, Figure B2 - VII: Resale Ordering Scenario Description.
Pages B2 - 9 & 10	Editorial changes to Figure B2 - VII: Resale Ordering Scenario Description.
Appendix B3 - UNE Ordering Scenarios	
Page B3 - 2	Editorial changes in Primary Categories Figure B3-I: UNE Scenario Coverage.
Page B3 - 4	Revision in 2. Activity Types, Figure B3-V: UNE REQ TYP and ACT Scenario Coverage.
Page B3 - 5	Editorial changes in 4. Flow-Through, 5. Partial Migration, and 6. UNE Type.

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<i>Pages B3 - 5 & 6</i>	Editorial changes and <i>text</i> changes in B. Test Case Definition (Secondary Requirements) .
<i>Page B3 - 6</i>	<i>Addition in C. UNE Ordering Coverage, Figure B3-VI: UNE Ordering Coverage.</i>
<i>Page B3 - 7 - 11</i>	<i>Text changes, editorial changes, and deletions in Figure B3-VII: UNE Loop Ordering Test Scenarios.</i>
<i>Pages B3 - 12 - 18</i>	<i>Text changes, editorial changes, and deletions in Figure B3-VIII: UNE Loop with INP Ordering Test Scenarios.</i>
<i>Pages B3 - 19 - 25</i>	<i>Text changes, editorial changes, additions and deletions in Figure B3-IX: UNE Loop with LNP Ordering Test Scenarios.</i>
<i>Pages B3 - 26 & 27</i>	<i>Text changes, editorial changes, and one deletion in Figure B3-X: UNE INP Ordering Test Scenarios.</i>
<i>Pages B3 - 28 & 29</i>	<i>Text changes, editorial changes, and deletions in Figure B3-XI: UNE LNP Ordering Test Scenarios.</i>
<i>Page B3 - 30</i>	<i>Text changes in Figure B3-XII: UNE INP to LNP Ordering Test Scenarios.</i>
<i>Pages B3 - 30 - 36</i>	<i>Text changes, editorial changes, and deletions in Figure B3-XIII: UNE Port Ordering Test Scenarios.</i>
<i>Pages B3 - 37 - 41</i>	<i>Text changes, editorial changes, and deletions in Figure B3-XIV: UNE Loop-Port Ordering Test Scenarios.</i>
<i>Pages B3 - 42 & 43</i>	<i>New table, Figure B3-XV: UNE Standalone Directory Listing Test Scenarios, added with all new additions.</i>
<i>Pages B3 - 43 - 56</i>	<i>Text changes, editorial changes, additions and deletions in D. UNE Ordering Test Scenarios Figure B3-XVI: UNE Ordering Test Scenarios. Figure renumbered for accuracy.</i>
Appendix B4: Billing Scenarios	
<i>Page B4 - 2</i>	Editorial changes in A. Primary Categories, Figure B4-I: Billing/Usage Scenario Coverage.
<i>Page B4 - 3</i>	One <i>deletion</i> and editorial changes in 1. Billing/Usage Types, Figure B4-II: Billing/Usage Types.
<i>Page B4 - 3</i>	<i>Text changes, editorial changes, Figure Title added, and deletions in B. Billing/Usage Coverage, Figure B4-III.</i>
Appendix B5 - Maintenance & Repair Scenarios	
<i>Page B5 - 2</i>	Editorial changes in A. Primary Categories, Figure B5-I: Maintenance & Repair Scenario Coverage and 1. Products and Services.
<i>Page B5 - 19 & 22</i>	Editorial changes in C. Maintenance and Repair Coverage, Figure B5-V: Maintenance & Repair Scenarios.

Appendix C - Volume Analysis Methodology	
<i>Page C - 2</i>	<i>Text change in A. Introduction.</i>
<i>Page C - 3</i>	<i>Text addition in C. Volume Basis.</i>
Appendix D1 - Evaluation Criteria	
<i>Pages D1 - 1 & 2</i>	<i>Title changed to Appendix D1: Evaluation Criteria to reflect addition of second D section. Text changed, added, and deleted in Appendix D1: Evaluation Criteria.</i>
<i>Pages D1 - 5 - 7</i>	<i>Item deleted from and text added and changed in Evaluation Measures Table.</i>
<i>Pages D1 - 8 - 15</i>	<i>Items and text added and deleted from HP-PRE-1 Evaluation Criteria in table.</i>
<i>Pages D1 - 16 & 17</i>	<i>Deletions from and text added to HP-PRE-2 Evaluation Criteria Table.</i>
<i>Pages D1 - 18 & 19</i>	<i>Deletions from and text added to HP-PRE-3 Evaluation Criteria Table.</i>
<i>Page D1 - 20</i>	<i>Editorial changes and TAG Peak Volume deletions in Pre-Order Transaction Type Table. <i>Clarity of Information</i> deleted from HP-PRE-4 Evaluation Criteria Table.</i>
<i>Page D1 - 22</i>	<i>Editorial change. Tag Normal Volume deleted from Pre-Order Transaction Type Table.</i>
<i>Pages D1 - 22 & 23</i>	<i>Deletions from HP-PRE-5 Evaluation Criteria Table.</i>
<i>Pages D1 - 25 - 27</i>	<i>Deletions from HP-O&P-1 Evaluation Criteria Table.</i>
<i>Pages D1 - 28 - 30</i>	<i>Additions to and deletions from HP-O&P-2 Evaluation Criteria Table.</i>
<i>Pages D1 - 31 - 32</i>	<i>Additions to and deletions from HP-O&P-3 Evaluation Criteria Table.</i>
<i>Pages D1 - 32 - 33</i>	<i>Deletions from HP-O&P-4 Evaluation Criteria Table.</i>
<i>Page D1 - 34</i>	<i>Additions to and deletions from HP-O&P-5 Evaluation Criteria Table.</i>
<i>Pages D1 - 36 - 39</i>	<i>Editorial changes to 7.0 O&P-7: O&P Performance Results Comparison and deletions from HP-O&P-7 Evaluation Criteria Table.</i>
<i>Pages D1 - 40 - 41</i>	<i>Additions to and deletions from HP-O&P-8 Evaluation Criteria Table.</i>
<i>Pages D1 - 42 - 43</i>	<i>Additions to and deletions from HP-O&P-9 Evaluation Criteria Table.</i>

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<i>Pages D1 - 44 - 47</i>	<i>Additions to and deletions from HP-BLG-1 Evaluation Criteria Table.</i>
<i>Pages D1 - 48 - 49</i>	<i>Text added to 2.0 BLG-2: ODUF/ADUF Usage Functional Test and additions to and deletions from HP-BLG-2 Evaluation Criteria Table.</i>
<i>Page D1 - 50</i>	<i>Additions to and deletions from HP-BLG-4 Evaluation Criteria Table.</i>
<i>Page D1 - 51</i>	<i>Additions to and deletions from HP-BLG-5 Evaluation Criteria Table.</i>
<i>Page D1 - 52</i>	<i>Changes to HP-BLG-6 Evaluation Criteria Table.</i>
<i>Page D1 - 54</i>	<i>Additions to and deletions from HP-BLG-7 Evaluation Criteria Table.</i>
<i>Pages D1 - 56 - 57</i>	<i>Additions to and deletions from HP-BLG-8 Evaluation Criteria Table.</i>
<i>Pages D1 - 58 - 61</i>	<i>Additions to and deletions from HP-M&R-1 Evaluation Criteria Table.</i>
<i>Pages D1 - 62 - 64</i>	<i>Additions to and deletions from HP-M&R-2 Evaluation Criteria Table.</i>
<i>Pages D1 - 66 - 67</i>	<i>Additions to and deletions from HP-M&R-3 Evaluation Criteria Table.</i>
<i>Pages D1 - 68 - 69</i>	<i>Additions to and deletions from HP-M&R-4 Evaluation Criteria Table.</i>
<i>Pages D1 - 72 - 73</i>	<i>Editorial change in 7. M&R Performance Results Comparison and deletions from HP-M&R-7 Evaluation Criteria Table.</i>
<i>Pages D1 - 74 - 75</i>	<i>Additions to and deletions from HP-M&R-8 Evaluation Criteria Table.</i>
<i>Page D1 - 76</i>	<i>Editorial changes, additions to and deletions from HP-M&R-9 Evaluation Criteria Table.</i>
<i>Page D1 - 78</i>	<i>Editorial changes, additions to and deletions from HP-FCM-1 Evaluation Criteria Table.</i>
<i>Page D1 - 78 - 79</i>	<i>Editorial changes, additions to and deletions from HP-FCM-2 Evaluation Criteria Table.</i>
Appendix D2 – Service Quality Measurements Regional Performance Reports 8/10/1999	Section added.
Appendix E: Test Cycles	Title changed to Appendix E: Test Cycles from Appendix F: Test Cycles .
Appendix F: Reference Documents	Title changed to Appendix F: Reference Documents from Appendix E: Reference Documents .

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CERTIFICATE OF SERVICE

Docket No. 8354-U

This is to certify that I have this day served a copy of the updated BellSouth - Georgia OSS Evaluation Master Test Plan Version 2.0 Section I - Document Control upon known parties of record, as follows:

Jim Hurt, Director
Tammy Stanley, Esq.
Consumers' Utility Counsel
2 MLK, Jr. Drive, Plaza Level East
Atlanta, GA 30334-4600

Newton M. Galloway
Newton Galloway & Associates
Suite 400 First Union Bank Tower
100 South Hill Street
Griffin, GA 30229

Charles A. Hudak, Esq.
Gerry, Friend & Saprnov, LLP
Three Ravinia Drive, Suite 1450
Atlanta, GA 30346-2131

Kent Heyman, General Counsel
MGC Communications
3301 N. Buffalo Drive
Las Vegas, NV 89129

Suzanne W. Ockleberry
AT&T
1200 Peachtree Street, NE
Suite 8100
Atlanta, GA 30309

John M. Stuckey, Jr.
Terri M. Lyndall
Webb, Stuckey & Lindsey
Harris Tower, Peachtree Center
233 Peachtree Street, 14th Floor
Atlanta, GA 30303

Charles V. Gerkin, Jr.
Chorey, Taylor & Feil
Suite 1700, The Lenox Building
3399 Peachtree Road, N.E.
Atlanta, GA 30326

Frank B. Strickland
Wilson, Strickland & Benson
One Midtown Plaza, Suite 1100
1360 Peachtree Street, NE
Atlanta, GA 30309

David I. Adelman
Sutherland, Asbill & Brennan
999 Peachtree Street, N.E.
Atlanta, GA 30309-3996

Carolyn Tatum Roddy
Sprint Communications
3100 Cumberland Circle
Atlanta, GA 30339

John P. Silk
Georgia Telephone Association
1900 Century Boulevard, Suite 8
Atlanta, GA 30345

Scott A. Sapperstein
Sr. Policy Counsel
Intermedia Communications Inc.
3625 Queen Palm Drive
Tampa, FL 33619

Eric J. Branfman
Richard M. Rindler
Swidler & Berlin
3000 K Street, NW, Suite 300
Washington, DC 20007

Robert A. Ganton
Regulatory Law Office
Dept. Army
Suite 700
901 N. Stuart Street
Arlington, VA 22203-1837

Peter C. Canfield
Dow Lohnes & Albertson
One Ravinia Drive, Suite 1600
Atlanta, GA 30346

James M. Tennant
Low Tech Designs, Inc.
1204 Saville Street
Georgetown, SC 29440

Peyton S. Hawes Jr.
127 Peachtree Street, NE
Suite 1100
Atlanta, GA 30303-1810

Tom Bond
Georgia Public Service Commission
47 Trinity Avenue, Room 520
Atlanta, GA 30334

Mark Brown
Director of Legal and Government Affairs
MediaOne, Inc.
2925 Courtyards Drive
Norcross, GA 30071

Martha P. McMillin
MCI WorldCom
6 Concourse Parkway, Suite 3200
Atlanta, GA 30328

James G. Harralson
BellSouth Long Distance
32 Perimeter Center East
Atlanta, GA 30346

Charles F. Palmer
Troutman Sanders LLP
5200 NationsBank Plaza
600 Peachtree Street, NE
Atlanta, GA 30308-2216

Judith A. Holiber
One Market
Spear Street Tower, 32nd Floor
San Francisco, CA 94105

Lauren McGurk Seeger
Morris, Manning & Martin
1600 Atlanta Financial Center
3343 Peachtree Road, NE
Atlanta, GA 30326-1044

Daniel Walsh
Assistant Attorney General
Office of the Attorney General
40 Capitol Square
Atlanta, GA 30334-1300

Special Assistant Attorney General
Georgia Public Service Commission
47 Trinity Avenue, Room 520
Atlanta, GA 30334

Cecil L. Davis Jr.
NEXTLINK Georgia, Inc.
4000 Highlands Parkway
Smyrna, GA 30082

Brian Sulmonetti, Director
MCI WorldCom
6 Concourse Parkway, Suite 3200
Atlanta, GA 30328

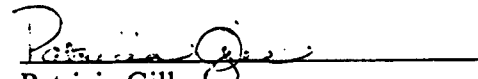
Jeffrey Blumenfeld
Elise P. W. Kiely
Blumenfeld & Cohen
1615 M Street, N.W.
Suite 700
Washington, DC 20036

John McLaughlin
KMC Telecom Inc.
Suite 170
3025 Breckinridge Boulevard
Duluth, GA 30096

James A. Schendt
Regulatory Affairs Manager
Interpath Communications, Inc.
P. O. Box 13961
Durham, NC 27709-3961

Fred McCallum Jr.
125 Perimeter Center West
Room 376
Atlanta, GA 30346

This 25th of August, 1999.


Patricia Gill

Hewlett-Packard Company
11575 Great Oaks Way, Suite 100
Alpharetta, Georgia 30022
(404) 648-6319

BellSouth - Georgia OSS Evaluation Master Test Plan

Version 2.0

August 16, 1999

Hewlett-Packard Company
11575 Great Oaks Way, Suite 100
Alpharetta, Georgia 30022
404/648-0000



August 20, 1999

Ms. Helen O'Leary
Executive Director
Georgia Public Service Commission
47 Trinity Avenue
Atlanta, Georgia 30334-5701

*Re: In re: Investigation into Development of Electronic Interfaces for BellSouth's
Operational Support Systems; Docket No. 8354-U.*

Dear Ms. O'Leary:

Enclosed please find an original and twenty-six (26) copies of Hewlett-Packard's updated BellSouth Georgia OSS Third Party Master Test Plan version 2.0 and flow-through audit plan, filed with the Commission on June 1, 1999. The updated Master Test Plan contains material that is designed to provide the Commission with additional detail about various aspects of the Plan. The updated material does not constitute a change in direction with respect to the testing, nor is it in conflict with the Commission's July 2, 1999 order approving BellSouth's Third Party Testing Plan.

Please file the document and return one (1) file-stamped copy of the document to us in the enclosed envelope. Also enclosed is an Electronic Filing Transmittal Sheet and diskette containing the document.

Thank you for your cooperation in this matter.

Sincerely,

A handwritten signature in cursive script, appearing to read "Patricia Gill".

Patricia Gill
BS 271 Program Manager

Cc: All Interested Parties

Enclosures

CERTIFICATE OF SERVICE

Docket No. 8354-U

This is to certify that I have this day served a copy of the updated BellSouth - Georgia OSS Evaluation Master Test Plan Version 2.0 & Flow-Through Audit Plan upon known parties of record, as follows:

Jim Hurt, Director
Tammy Stanley, Esq.
Consumers' Utility Counsel
2 MLK, Jr. Drive, Plaza Level East
Atlanta, GA 30334-4600

Newton M. Galloway
Newton Galloway & Associates
Suite 400 First Union Bank Tower
100 South Hill Street
Griffin, GA 30229

Charles A. Hudak, Esq.
Gerry, Friend & Saprnov, LLP
Three Ravinia Drive, Suite 1450
Atlanta, GA 30346-2131

Kent Heyman, General Counsel
MGC Communications
3301 N. Buffalo Drive
Las Vegas, NV 89129

Suzanne W. Ockleberry
AT&T
1200 Peachtree Street, NE
Suite 8100
Atlanta, GA 30309

John M. Stuckey, Jr.
Terri M. Lyndall
Webb, Stuckey & Lindsey
Harris Tower, Peachtree Center
233 Peachtree Street, 14th Floor
Atlanta, GA 30303

Charles V. Gerkin, Jr.
Chorey, Taylor & Feil
Suite 1700, The Lenox Building
3399 Peachtree Road, N.E.
Atlanta, GA 30326

Frank B. Strickland
Wilson, Strickland & Benson
One Midtown Plaza, Suite 1100
1360 Peachtree Street, NE
Atlanta, GA 30309

David I. Adelman
Sutherland, Asbill & Brennan
999 Peachtree Street, N.E.
Atlanta, GA 30309-3996

Carolyn Tatum Roddy
Sprint Communications
3100 Cumberland Circle
Atlanta, GA 30339

John P. Silk
Georgia Telephone Association
1900 Century Boulevard, Suite 8
Atlanta, GA 30345

Scott A. Sapperstein
Sr. Policy Counsel
Intermedia Communications Inc.
3625 Queen Palm Drive
Tampa, FL 33619

Eric J. Branfman
Richard M. Rindler
Swidler & Berlin
3000 K Street, NW, Suite 300
Washington, DC 20007

Robert A. Ganton
Regulatory Law Office
Dept. Army
Suite 700
901 N. Stuart Street
Arlington, VA 22203-1837

Peter C. Canfield
Dow Lohnes & Albertson
One Ravinia Drive, Suite 1600
Atlanta, GA 30346

James M. Tennant
Low Tech Designs, Inc.
1204 Saville Street
Georgetown, SC 29440

Peyton S. Hawes Jr.
127 Peachtree Street, NE
Suite 1100
Atlanta, GA 30303-1810

Tom Bond
Georgia Public Service Commission
47 Trinity Avenue, Room 520
Atlanta, GA 30334

Mark Brown
Director of Legal and Government Affairs
MediaOne, Inc.
2925 Courtyards Drive
Norcross, GA 30071

Martha P. McMillin
MCI WorldCom
6 Concourse Parkway, Suite 3200
Atlanta, GA 30328

James G. Harralson
BellSouth Long Distance
32 Perimeter Center East
Atlanta, GA 30346

Charles F. Palmer
Troutman Sanders LLP
5200 NationsBank Plaza
600 Peachtree Street, NE
Atlanta, GA 30308-2216

Judith A. Holiber
One Market
Spear Street Tower, 32nd Floor
San Francisco, CA 94105

Laureen McGurk Seeger
Morris, Manning & Martin
1600 Atlanta Financial Center
3343 Peachtree Road, NE
Atlanta, GA 30326-1044

Daniel Walsh
Assistant Attorney General
Office of the Attorney General
40 Capitol Square
Atlanta, GA 30334-1300

Special Assistant Attorney General
Georgia Public Service Commission
47 Trinity Avenue, Room 520
Atlanta, GA 30334

Cecil L. Davis Jr.
NEXTLINK Georgia, Inc.
4000 Highlands Parkway
Smyrna, GA 30082

Brian Sulmonetti, Director
MCI WorldCom
6 Concourse Parkway, Suite 3200
Atlanta, GA 30328


Jeffrey Blumenfeld
Elise P. W. Kiely
Blumenfeld & Cohen
1615 M Street, N.W.
Suite 700
Washington, DC 20036

John McLaughlin
KMC Telecom Inc.
Suite 170
3025 Breckinridge Boulevard
Duluth, GA 30096

James A. Schendt
Regulatory Affairs Manager
Interpath Communications, Inc.
P. O. Box 13961
Durham, NC 27709-3961

Fred McCallum Jr.
125 Perimeter Center West
Room 376
Atlanta, GA 30346

This 20th of August, 1999.


Patricia Gill

Hewlett-Packard Company
11575 Great Oaks Way, Suite 100
Alpharetta, Georgia 30022
(404) 648-6319

BellSouth-Georgia OSS Evaluation Master Test Plan Document Organization Summary

<i>Section</i>	<i>Section Title</i>	<i>Description</i>
I	Document Control	Defines document version control, distribution, and approval requirements.
II	Introduction	Documents the project background, scope and objectives, assumptions, and limitations.
III	Test Plan Framework	Describes the methodologies for testing BellSouth's OSS systems, interfaces, and processes, including how testing is segmented and organized.
IV	Pre-Ordering Test Section	Describes the tests and methodologies to be applied to the Pre-Ordering process domain.
V	Ordering & Provisioning Test Section	Describes the tests and methodologies to be applied to the Ordering and Provisioning process domains.
VI	Billing Test Section	Describes the tests and methodologies to be applied to the Billing process domain.
VII	Maintenance & Repair Test Section	Describes the tests and methodologies to be applied to the Maintenance & Repair process domain.
VIII	Forecasting & Change Management Test Section	Describes the tests and methodologies to be applied to the Forecasting & Change Management business processes.
Appendix A	Product Selection	Describes the selection process for resale services and UNEs to be addressed in the Test.
Appendix B-1	Pre-Ordering Scenarios	Defines the Pre-Ordering test scenarios for use in functional and volume testing.
Appendix B-2	Resale Ordering Scenarios	Defines the resale services test scenarios for use in resale scenarios used in volume testing.
Appendix B-3	UNE Ordering Scenarios	Defines the UNE test scenarios for use in functional and volume testing.
Appendix B-4	Billing Scenarios	Defines the billing test scenarios for use in functional testing.
Appendix B-5	M&R Scenarios	Defines the maintenance and repair test scenarios for use in functional and volume testing.
Appendix C	Volume Analysis	Describes the volume forecasting methodology and the transaction volumes by product type and activity type to be applied in volume testing.
Appendix D-1	Evaluation Criteria Performance Metrics	Lists the process evaluation criteria performance metrics that will be collected as part of the Test.
Appendix D-2	Service Quality Measurements Regional Performance Reports	BellSouth Service Quality Measurements Regional Performance Report dated 8/10/1999.
Appendix E	Test Cycles	Describes the test cycles that will be executed as part of the Test.
Appendix F	References	Lists the references used in developing this document.

<i>Section</i>	<i>Section Title</i>	<i>Description</i>
Appendix G	Glossary	Lists the terms and definitions used throughout this document.

I. Document Control

A. Distribution

<i>Copy No.</i>	<i>Person</i>	<i>Department</i>	<i>Date Sent</i>
	Georgia Public Service Commission		
	To Be Named <u>David Burgess</u>	Georgia Public Service Commissioner	June 1, 1999
	To Be Named <u>Leon Bowles</u>	Georgia Public Service Commission Staff	June 1, 1999
	KPMG LLP		
	Michael Weeks	Third Party OSS Testing Audit Director	June 1, 1999
	Ray Sears	<u>Engagement Partner</u>	June 1, 1999
	Dietmar Nicolai <u>David Frey</u>	Engagement Manager	June 1, 1999
	Hewlett-Packard		
	<u>Dale Hatcher</u>	<u>HP Consulting Partner</u>	
	To Be Named <u>Patricia Gill</u>	Third Party OSS Testing Engagement Director Program Manager 271 Compliance	
	BellSouth		
	William Stacy	ICS Access Certification Program Sponsor	June 1, 1999
	Bennett Ross	BellSouth Legal	June 1, 1999

Figure I - I: Distribution List For Document

B. Approved By

<i>Person</i>	<i>Department</i>	<i>Date</i>
To Be Named <u>David Burgess</u>	Georgia Public Service Commissioner	
To Be Named <u>Leon Bowles</u>	Georgia Public Service Commission Staff	
Michael Weeks	KPMG Third Party OSS Testing Audit Director	

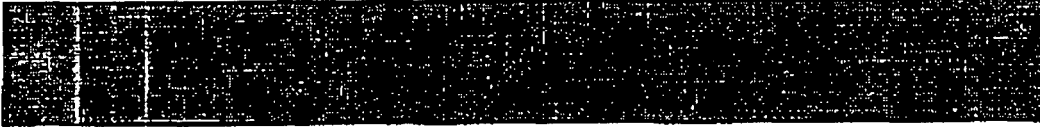
Figure I - II: Approval List For Document

C. Version Control

<i>Version</i>	<i>Date</i>	<i>Reason</i>
Draft 1.0	March 19, 1999	Draft version for project review.
Draft 2.0	May 21, 1999	Working draft for internal review.
Draft 2.1	May 25, 1999	Working draft for KPMG/BellSouth review.
Draft 2.2	May 27, 1999	Working draft for final review.
Final 1.0	May 29, 1999	Final copy for Georgia PSC review.
<u>Version 2.0</u>	<u>August 16, 1999</u>	<u>Revisions for corrections and clarifications.</u>

Figure I - III: Version Control

D. Revision Notes



Global Changes

The following changes were made within each Master Test Plan Section:

1. References to the *exception reporting process* were removed from all Entrance Criteria, since this is a global entrance criterion.
2. *Numbered tables* were renumbered correctly.
3. *Additions and deletions* to the content (listed individually below) are shown as *revisions*.
4. *Formatting* for numbered lists, tables, headings, spacing, paragraphs, italics, bolding, etc., *punctuation*, and *capitalization* were standardized to promote consistency and grammatical accuracy throughout the Sections. (These are sometimes seen online as Property Changes in the Revisions.)

Document Organization Summary

Page ii **Appendix D-1, Evaluation Criteria**, was added; previous title, *Performance Metrics*, was deleted.
Description "performance metrics" was changed to "evaluation criteria."

Page ii **Appendix D-2, Service Quality Measurements Regional Performance Reports** and its description were added.
Footers were changed to reflect correct Section Title, page, and Version/date.

Document Control

A. Distribution, Page I - 1 **Georgia Public Service Commission : *David Burgess* and *Leon Bowles* added.**

KPMG LLP: Title, *Engagement Partner*, added for *Ray Sears*; *Dietmar Nicolai* changed to *David Frey*.

Hewlett-Packard: *Dale Haicher*, *HP Consulting Partner*, added; *Patricia Gill*, *Program Manager 271 Compliance*, added.

B. Approved By, Page I - 1 ***David Burgess*, *Georgia Public Service Commissioner*, and *Leon Bowles*, *Georgia Public Service Commission Staff*, added.**

C. Version Control, Page I - 2 **Version 2.0 added.**

II. Introduction

NOTE: Tables were reformatted, but no text was changed.

A. Background, Page II - 2 ***Test Manager's Interfaces* and text added.**

Page II - 3 ***Functional Testing Environment* and text added.**

Page II - 3 ***Volume Testing Environment* and text added.**

Page II - 3 ***Other Support Functions* and text added.**

08/16/1999

Georgia OSS Evaluation
Master Test Plan
Version 2.0



- B. Scope, Page II - 8* **EODUF** and *Description* deleted.
F. Document Structure, Page II - 16 **Appendices D-1 and D-2, titles and descriptions** added.

III. Test Framework

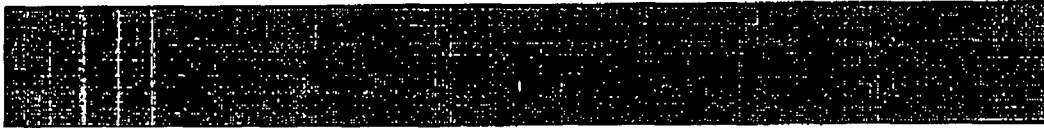
- B. Approach, Page III - 2* Text rearranged for clarity.
C. Evaluation & Results, Page III - 6 **Evaluation Criteria, Performance Metrics, and Standards of Performance** title and text added.
Master added to Test Plan under *Entrance Criteria*.

IV. Pre-Order

- B. Scope, Page IV - 1* **Test Cycles PRE-4, 5, and 6** added to *Figure IV - 1*.
Page IV - 2 Text added regarding Pre-order scalability.
C. Test Cycles, Page IV - 2 **1.1 Description** text added.
Page IV - 3 **1.3 Entrance Criteria** text added, deleted, and rearranged for readability.
Page IV - 4 & 5 Parentheses added to *error(s)*.
Page IV - 8 **1.6 Exit Criteria** text added and rearranged for readability.
Page IV - 9 **2.3 Entrance Criteria** text added and rearranged for readability.
Evaluation criteria and *Guidelines for measuring variances* also added to text.
Page IV - 10 Three items added to *Figure IV-II, Pre-Ordering Performance Results Comparison Test Scope*.
Parentheses added to **2.5 Test Activities**, item 6.
2.6 Exit Criteria text added and rearranged for readability.
Page IV - 11 Changes and additions made to **3.1 Description**.
Page IV - 12 **3.3 Entrance Criteria** text added and rearranged for readability.
Test Plan and *evaluation criteria* added to text.
Page IV - 13 Two items added to **3.5 Test Activities**.
Parentheses added.
Page IV - 14 **3.6 Exit Criteria** text added for readability.
Pages IV - 14 - 17 **4.0 PRE-4: TAG Normal Volume Performance Test** title and text added and rearranged for readability.
5.0 PRE-5: TAG Peak Volume Performance Test title and text added and rearranged for readability.
6.0 PRE-6: Pre-Order Processing Systems Scalability Evaluation title and text added and rearranged for readability.

V. Ordering and Provisioning

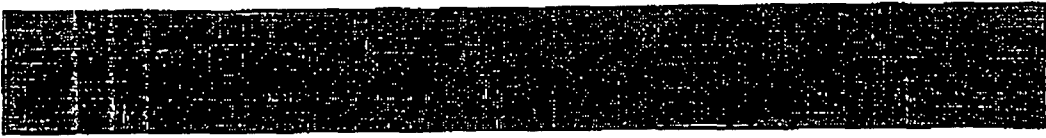
- C. Test Cycles, Page V - 2* Text added to and number changed in **1.1 Description**.
Page V - 3 **1.3 Entrance Criteria** text added, deleted, and rearranged.
Page V - 4 **1.4 Test Scope Test Functions** added and deleted.
Page V - 7 **1.6 Exit Criteria** text added and rearranged for readability.



- Page V - 7* **Expedites** added to **2.1 Descriptions**.
- Page V - 8* **2.3 Entrance Criteria** *text* added and rearranged for readability. *Evaluation criteria* added to text.
- Page V - 9* **2.4 Test Scope** *text* added and deleted.
- Page V - 12* **2.6 Exit Criteria** *text* added and rearranged for readability.
- Page V - 12* **3.1 Description** *text* added. *Text* rearranged for grammar corrections.
- Page V - 13* **3.3 Entrance Criteria** *text* added and rearranged for readability. *Test Plan and evaluation criteria* and other text added.
- Page V - 15* **3.6 Exit Criteria** *text* added for readability.
- Page V - 16* *Text* added and changed in **4.1 Description**.
- Page V - 17* **4.3 Entrance Criteria** *text* added, deleted, and rearranged for corrections and readability.
- Page V - 19* **4.6 Exit Criteria** *text* added for readability.
- Page V - 20* **5.3 Entrance Criteria** *text* added and rearranged for corrections and readability. *Test Plan and evaluation criteria* and other text added.
- Page V - 21* One item added and one word deleted in **5.4 Test Scope** *Figure V-VI: Provisioning Verification Test Scope*.
- Page V - 22* "Perform joint provisioning activities" deleted from **5.5 Test Activities**.
- Page V - 22* **5.6 Exit Criteria** *text* added for readability; one item deleted.
- Page V - 23* *Figure VI-VII* added to **6.1 Description**.
- Page V - 23* **6.3 Entrance Criteria** *text* added and rearranged for corrections and readability. *Test Plan and evaluation criteria* and other text added.
- Page V - 25* **6.6 Exit Criteria** *text* added for readability.
- Page V - 26* **7.3 Entrance Criteria** *text* added and rearranged for readability. *Test Plan and evaluation criteria* and other text added.
- Page V - 28* **7.6 Exit Criteria** *text* added for readability.
- Page V - 28* **8.3 Entrance Criteria** *text* added and rearranged for readability. *Test Plan and evaluation criteria* and several other items added.
- Page V - 30* **8.6 Exit Criteria** *text* added for readability.
- Page V - 30* **9.3 Entrance Criteria** *text* added and rearranged for readability. *Test Plan and evaluation criteria* and several other items added.
- Page V - 32* **9.6 Exit Criteria** *text* added for readability.

VI. Billing

- B. Scope, Page VI - 1* **BLG-3** deleted from *Figure VI - 1, Billing Test Cycles*.
- C. Test Cycles, Page VI - 3* Additions and deletions to *text* in **1.1 Description**.
- Page VI - 3* **1.3 Entrance Criteria** *text* added, deleted, and rearranged.
- Page VI - 4* Several items deleted, one item added to **1.4 Test Cycle Scope**.



- Page VI - 5* Two items added to 1.5 Test Activities.
- Pages VI - 5 & 6* 1.6 Exit Criteria *text* added for readability.
- Pages VI - 6* Additions and deletions to *text* in 2.1 Description.
- Page VI - 7* 2.3 Entrance Criteria *text* corrected, added, deleted, and rearranged.
- Page VI - 8* One item added to 2.4 Test Cycle Scope.
- Page VI - 8* Three items added, one corrected in 2.5 Test Activities.
- Page VI - 9* 2.6 Exit Criteria *text* added.
- Page VI - 9 - 11* 3.0 BLG-3 deleted.
- Page VI - 12* 4.3 Entrance Criteria *text* added and rearranged for readability. *Test Plan and evaluation criteria* and several other items added.
- Page VI - 13* 4.6 Exit Criteria *text* added for readability.
- Page VI - 14* 5.3 Entrance Criteria *text* added and rearranged for readability. *Test Plan and evaluation criteria* and other items added.
- Page VI - 15* 5.6 Exit Criteria *text* added for readability.
- Page VI - 16* 6.3 Entrance Criteria *text* added and rearranged for readability. *Test Plan and evaluation criteria* added.
- Page VI - 17* Additions and deletions in 6.4 Test Cycle Scope.
- Page VI - 17* Additions and deletions in 6.5 Test Activities.
- Page VI - 18* 6.6 Exit Criteria *text* added for readability.
- Page VI - 18* Deletions and changes in 7.1 Description.
- Page VI - 19* 7.3 Entrance Criteria *text* added and rearranged for readability. *Test Plan and evaluation criteria* added. Changes in *text*.
- Page VI - 19* 7.6 Exit Criteria *text* added for readability.
- Page VI - 20* Deletions and changes in *text* in 8.0 BLG and 8.1 Description.
- Page VI - 20* 8.3 Entrance Criteria *text* added and rearranged for readability. *Test Plan and evaluation criteria* added.
- Page VI - 21* 8.6 Exit Criteria *text* added for readability.

Maintenance and Repair

- C. Test Cycles, Page VII - 2* Note added.
- Page VII - 3* Additions and deletions to *text* in 1.1 Description.
- Page VII - 3* Additions and deletions to *text* in 1.3 Entrance Criteria.
- Page VII - 4* Addition to 1.4 Test Cycle Scope.
- Page VII - 5* Additions to 1.5 Test Activities.
- Page VII - 6* 1.6 Exit Criteria *text* added for readability.
- Page VII - 7* Changes in 2.1 Description.
- Page VII - 8 & 9* 2.3 Entrance Criteria *items* and *text* added and rearranged for readability.
- Page VII - 9* Addition and changes in 2.4 Test Cycle Scope.

- Page VII - 10* Additions and changes in **2.5 Test Activities**.
- Page VII - 11* **2.6 Exit Criteria** *text* added for readability.
- Page VII - 11* Changes in **3.1 Description**.
- Page VII - 12* **3.3 Entrance Criteria** *items* and *text* added and rearranged for readability.
- Page VII - 13* Changes in **3.4 Test Cycle Scope**.
- Page VII - 14* Two items added, one changed in **3.5 Test Activities**.
- Page VII - 14 & 15* **3.6 Exit Criteria** *text* added for readability.
- Page VII - 15* Word changes in **4.1 Description**.
- Page VII - 16* **4.3 Entrance Criteria** *items* and *text* added.
- Page VII - 17* Changes in **4.4 Test Cycle Scope**.
- Page VII - 18* Two items added, one changed in **4.5 Test Activities**.
- Page VII - 18* **4.6 Exit Criteria** *text* added for readability.
- Page VII - 20* **5.3 Entrance Criteria** *items* and *text* added and rearranged for readability.
- Page VII - 21* **5.6 Exit Criteria** *text* added for readability.
- Page VII - 21* **6.0 title** changed to **ECTA Scalability Evaluation**
- Page VII - 21 & 22* **6.3 Entrance Criteria** *text* added and rearranged for readability. *Test Plan and evaluation criteria* added.
- Page VII - 22 & 23* **6.6 Exit Criteria** *text* added for readability.
- Page VII - 23* **7.3 Entrance Criteria** *items* and *text* added and rearranged for readability.
- Page VII - 24* *Items* added in **7.4 Test Cycle Scope**.
- Page VII - 25* **7.6 Exit Criteria** *text* added for readability.
- Page VII - 25* Changes in **8.1 Description**.
- Page VII - 26* **8.3 Entrance Criteria** *items* and *text* added and rearranged for readability.
- Page VII - 27* **8.6 Exit Criteria** *text* added for readability.
- Page VII - 27* Changes in **8.1 Description**.
- Page VII - 27 & 28* **9.3 Entrance Criteria** *items* and *text* added and rearranged for readability.
- Page VII - 29* **9.6 Exit Criteria** *text* added for readability.

VIII. Forecasting & Change Management

- A. Overview, Page 1* Additional *text*.
- Page VIII - 2* **1.3 Entrance Criteria** *text* added and rearranged for readability. *Items* added.
- Page VIII - 2 & 3* *Items* added and changed in **1.5 Test Activities**.
- Page VIII - 3* **1.6 Exit Criteria** *text* added for readability.
- Page VIII - 3* One *item* deleted in **2.1 Description**.



Page VIII - 4 Changes to **2.2 Objective**.

Page VIII - 4 **2.3 Entrance Criteria** *text* added and rearranged for readability.
Items added.

Page VIII - 5 *Items* added to **2.5 Test Activities**.

Page VIII - 5 **2.6 Exit Criteria** *text* added for readability.

II. Introduction

A. Background

Section 271 of the Telecommunications Act of 1996 (the Act) stipulates that before BellSouth can offer in-region interLATA services, it must first demonstrate, among other things, compliance with the interconnection, unbundling, and resale obligations that are designed to facilitate competition.¹ An integral part of BellSouth's obligations under the Act is to offer nondiscriminatory access to operations support systems (OSS)² for the resale of its retail telecommunications services and the provision of unbundled network elements (UNEs).

The Georgia Public Service Commission (Georgia PSC) and the Federal Communications Commission (FCC) will evaluate BellSouth's compliance with this obligation by determining the following:

- whether BellSouth has deployed the necessary systems and personnel to provide sufficient access to each of the necessary OSS functions³
- whether the OSS functions that BellSouth has deployed are operationally ready, as established by performance measurements and other evidence of commercial usage.³

The FCC considers actual commercial usage to be the most probative evidence that OSS functions are operationally ready, but will also consider carrier-to-carrier testing, independent third-party testing, and internal testing in the absence of commercial usage.⁴

Compliance with these requirements will provide new entrants with the ability to obtain pre-ordering information, place service orders for their customers, submit trouble reports, and obtain billing information at a level deemed to be nondiscriminatory when compared with BellSouth's retail operations. BellSouth supports a variety of OSS interfaces, including machine-to-machine and terminal-type, which CLECs can use to access BellSouth's OSS and perform these functions.

¹ FCC's Second BellSouth Louisiana Order (LA II), paragraph 3.

² LA II, paragraph 83. The Federal Communications Commission (FCC) has defined OSS to be "the systems, information, and personnel that support network elements or services offered for resale."

³ LA II, paragraph 85.

⁴ LA II, paragraph 86.

In accordance with the direction provided by the Georgia PSC in its Order on Petition for Third Party Testing (Georgia Order), dated May 20, 1999, BellSouth has retained KPMG LLP (KMPG) to audit, monitor, evaluate and report on the testing process and Hewlett-Packard (HP) to conduct feature, function and volume tests using BellSouth's interfaces. This BellSouth-Georgia OSS Evaluation Master Test Plan (MTP) describes the required testing of BellSouth's OSS consistent with the requirements outlined by the Georgia PSC.

Test Manager's Interfaces

BellSouth offers a variety of systems, including both application-to-application interfaces and terminal-type/Web-based systems, that CLECs can use to access BellSouth's OSS to perform pre-order, order, maintenance and repair, and billing tasks. In order to evaluate the functionality and performance of these interfaces, the Test Manager will employ the BellSouth interfaces described in Figure II-IV.

BellSouth offers several options to CLECs wishing to access its OSS interfaces. For some interfaces BellSouth offers a commercially-available software kit (e.g., EDI-PC). BellSouth also offers machine-to-machine interfaces that require CLECs to develop their own application or gateway (e.g. TAG, EDI LAN-to-LAN, ECTA).

BellSouth maintains a variety of test clients to assist CLECs with training and testing activities prior to production transactions. These test tools are also used for internal testing purposes. For certain tests outlined in this plan, due to operational and time constraints of the procedural Order, HP will be utilizing test clients to access interfaces during production. For example, HP will employ the "xst Test Client" for pre-order and order tests using the TAG interface. This application is made available to all CLECs. For maintenance and repair transactions using the ECTA (machine-to-machine) interface, HP will utilize an ECTA test machine. This testing, combined with a review of the interface documentation and business rules, will provide evidence that CLECs are able to utilize the interfaces from the documentation and training BellSouth supplies, and to develop and submit accurate and complete transactions using these interfaces.

Functional testing environment

Following the completion of interface connectivity and system readiness testing, HP will submit all functional test transactions in the regular BellSouth production environment. A series of scenarios designed to test pre-ordering and ordering, billing, maintenance and repair functionality with respect to Unbundled Network Elements (UNE) are outlined in the Appendices of this Master Test Plan. The Test Manager will develop detailed test cases for each scenario and populate specific instances of each test case with accounts from the test bed resources allocated for this test. Instances of each test case will be submitted via the BellSouth interfaces to the back-end OSS. While the high-level test scenarios are described in this plan, BellSouth will not have knowledge of the detailed test cases prior to their submission.

A subset of the test cases will be carried through to provisioning, while others will stop with the generation of a Firm Order Confirmation (FOC). The 'live' accounts will be used for provisioning, billing, and a portion of the maintenance tests.

Volume testing environment

Normal and peak volume tests will be run against a volume test environment (RSIMMS) developed by BellSouth to support the transaction volumes specified in the test. KPMG will evaluate this environment to determine if the hardware and software configurations mirror those of BellSouth's production systems, except where additional hardware or software resources have been created to support the specified test volume. The entire volume test bed except CRIS is a duplicate of the production system. RSIMMS does access production CRIS.

Other support functions

Since HP will be submitting LSRs just as a CLEC, the usual support functions such as the LCSC, the Account Team, and CLEC training will also be utilized by HP. Additionally, since HP's LSRs submitted from functional testing will look just like any other CLEC's, they will be handled like any other CLEC's and will be submitted without prior notification to BellSouth (which is a "blind" test.)

B. Scope

The scope of the BellSouth-Georgia OSS Evaluation Test (Test) was based on the Bell Atlantic - New York (BA-NY) Test Plan and adapted to conform to the Georgia Order to create this MTP.

In summary, the Georgia Order has mandated that the Test specifically address the following elements of BellSouth's OSS infrastructure:

- electronic OSS interfaces (identified below)
- UNE analog loops (w/and w/out number portability - INP/LNP), UNE switch ports and UNE business and residence loop-port combinations
- all five core OSS process domains (pre-ordering, ordering, provisioning, maintenance & repair, and billing)
- normal and peak volume testing of electronic interfaces to the pre-ordering, ordering, and maintenance & repair processes using a representative service mix of resale services and UNE transactions.

The PSC also requires an audit of BellSouth's Flow-Through Service Request report for the latest three months of data. An operational and functional audit of the calculations will be undertaken as part of a separate initiative; the MTP will support that audit by logging transaction data through test monitoring tools as well as BellSouth's transaction reporting system. The resulting comparison will assess the accuracy of BellSouth's performance measurements system, including error analysis.

Although not required by the Georgia Order, the testing will also address the business processes of forecasting for OSS volumes and change management of the electronic interfaces.

Logical Scope

The logical scope of the Test has been broken down into several test domains. Test domains are groupings of organizationally similar concepts that help define the work required to meet the objectives of the Test. Each of these domains will be further defined in Section III and serve as the cornerstones for discussion throughout this MTP. The following four test domains have been defined for the Test:

- Business Processes
- Product Categories
- OSS Interfaces
- Test Objectives

Each test domain is broken down and discussed in greater detail in the sections below. These domains and attributes are the foundation of what must be tested. The scope of the test drives the scope of the test interface build (as specified in Section III-B) and analysis.

Processes

The Process domain describes the primary functions performed by a CLEC in its routine daily operational interaction with BellSouth. These processes have been identified and defined in various FCC, Department of Justice (DoJ), Georgia PSC, CLEC, and BellSouth documents, testimony, and filings.

<i>Process</i>	<i>Description</i>
Pre-Ordering	Pre-Ordering addresses the activities that a CLEC undertakes with a customer to gather and verify the information necessary to construct an accurate local service request. Pre-ordering includes street address validation, telephone number assignment, service and feature availability, customer record information, and appointment or due date availability. ⁵

⁵ LA II, paragraph 94.

<i>Process</i>	<i>Description</i>
Ordering & Provisioning	Ordering begins with the CLEC submission of a local service request and continues through receipt of a Firm Order Confirmation (FOC) or reject message, including any status noticing in between. Provisioning begins with BellSouth's acceptance of a CLEC service order and continues through the activation of end user service and delivery of a Completion Notice (CN), including any validation, design, configuration, dispatch, testing and status noticing (e.g., jeopardy) in between.
Billing	Billing addresses the production and delivery of complete and accurate invoices and customer service usage reports such that CLECs may effectively manage their cash flows and provide accurate and timely bills to their end users. ⁶
Maintenance & Repair	Maintenance & Repair (M&R) addresses the network information and diagnostic tools that allow CLECs to diagnose and solve customer trouble complaints or otherwise assist customers who experience service disruptions. ⁷
Forecasting & Change Management	The Forecasting & Change Management business processes address the procedures, activities and documents relating to the development of volume projections and change control over OSS interfaces and documentation.

Figure II - I: Business Process Descriptions

Product Categories

The Product Categories represent the two principal categories of products and services that BellSouth offers to CLECs in accordance with federal statutes. Each product category encompasses all business processes.

⁶ LA II, paragraph 158.

⁷ LA II, paragraph 145.

<i>Product</i>	<i>Description</i>
Resale	<p>Resale services are those retail telecommunications services that BellSouth offers to CLECs for resale at wholesale rates.⁸ The Georgia PSC mandates in the Georgia Order that resale services be included in the volume testing to ensure the appropriate service mix between UNEs and resale services. The following electronically ordered resale services and features will be included in the volume tests:</p> <ul style="list-style-type: none"> –Simple Resale (as specified in <i>Figure II - III</i>) –ISDN Basic Rate Interface –PBX Trunks –Hunting –Synchronet.
UNEs	<p>UNEs may be characterized as individual components of the BellSouth network made available to CLECs, including local loops, local switching (ports), interoffice transmission facilities, signaling networks and call-related databases, among others.⁹ In the Georgia Order, the Georgia PSC focused the Test on the following UNEs:</p> <ul style="list-style-type: none"> –2-wire analog loops (w/ and w/o number portability) –2-wire analog switch ports –2-wire analog business and residential loop-port combinations –INP/LNP.

Figure II - II: Product Category Descriptions

⁸ LA II, paragraph 306.

⁹ LA II, paragraph 83.

<i>Simple Resale Services & Features</i>	
Flat Rate Residence	RingMaster®
Measured Rate Residence	Message Telephone Service (MTS)
Touchtone	TouchStar® - Call Tracing
Optional Calling Plan (OCP)	TouchStar® - Call Block
Integrated Package - Area Plus® with Complete Choice®, Complete Choice®	TouchStar® - Call Selector
Flat Rate/Basic Local Exchange	TouchStar® - Call Return
Measured Rate Business	TouchStar® - Repeat Dialing
Georgia Community Plan	TouchStar® - Preferred Call Forwarding
Area Plus®	MemoryCall®
Visual Director®	MemoryCall® Answering Service
Custom Calling - Speed Calling 8 & 30	Caller ID
Custom Calling - 3 Way Calling	Call Waiting
Custom Calling - Call Forward Variable	Call Waiting - Deluxe
Custom Calling - Remote Access to CF	Customized Code Restriction
	Enhanced Caller ID
	Remote Call Forwarding (RCF)

Figure II - III: Simple Resale Services and Features

Appendix A contains additional information regarding the resale services and UNEs that will be addressed as part of this Test.

OSS Interfaces

The OSS Interface domain identifies the various electronic gateways available to CLECs for transacting business with BellSouth in each of the above mentioned Process domains. *Figure II-IV* describes the interfaces identified for testing in the Georgia Order and links each to its respective process domain.

<i>Interface</i>	<i>Description</i>	<i>Process</i>
TAG	BellSouth offers the Telecommunications Access Gateway (TAG) with a CORBA-based API as its transaction-based interface between BellSouth's OSS and CLEC clients for pre-ordering and ordering functionality. ¹⁰	Pre-Ordering Ordering & Provisioning
EDI	BellSouth offers the Electronic Data Interchange (EDI) as an application-to-application interface that allows CLECs to exchange local service requests, changes, and acknowledgments with BellSouth. ¹¹	Ordering & Provisioning
TAFI	BellSouth offers the Trouble Analysis Facilitation Interface (TAFI), a proprietary, interactive terminal-type OSS interface that provides CLECs with automated trouble reporting and screening functionality for telephone number assigned resale services and UNEs. ¹²	Maintenance & Repair
ECTA	BellSouth offers the Electronic Communication Trouble Administration (ECTA) standard machine-to-machine interface for local exchange trouble reporting and notification that supports both telephone number assigned and circuit-identified resale services and UNEs. ¹³	Maintenance & Repair

¹⁰ TAG API Programmers Guide, p. 2-5.

¹¹ BellSouth Local Exchange Ordering Implementation Guide, Volume 4, Issue 7d, January, 1999, p. 2-5.

¹² BellSouth CLEC TAFI End User Training and User Guide, Issue 6, September, 1998, p. 3.

¹³ LA II, paragraph 157.

<i>Interface</i>	<i>Description</i>	<i>Process</i>
ODUF	BellSouth offers the Optional Daily Usage File (ODUF) to provide CLECs with customer usage information on billable transactions for resold lines, Interim Number Portability (INP) accounts, and UNE ports. ¹⁴	Billing
EODUF	BellSouth offers the Enhanced Optional Daily Usage File (EODUF) to provide CLECs with customer usage information on local calls originating from lines resold to end users.¹⁵ This usage file has been removed from scope due to its applicability to resale services only.	Billing
ADUF	BellSouth offers the Access Daily Usage File (ADUF) to provide CLECs with customer usage information for interstate access services/calls originating from and terminating to UNE ports. ¹⁶	Billing
CRIS	BellSouth offers the Customer Record Information System (CRIS) as an invoiced billing information delivery vehicle that provides CLECs with call detail records, billable events, and billing charges associated with local and local toll for individual end users.	Billing
CABS	BellSouth offers the Carrier Access Billing System (CABS) as an invoiced billing information delivery vehicle that provides CLECs with bulk billed and call detail access usage as well as billing for designed UNEs.	Billing

Figure II - IV: OSS Interface Descriptions

Test Objectives

The Test Objectives provide a broad characterization of the type of testing to be conducted within each testing event. *Figure II-V* summarizes the Test Objectives that will be addressed in accordance with the Georgia Order:

¹⁴ Stacy LA II Affidavit, paragraph 184-6.

¹⁵ BellSouth Interconnection Services Website, www.interconnection.bellsouth.com/products/billing/eoduf.htm.

¹⁶ LA II, paragraph 160.

<i>Test Objective</i>	<i>Description</i>
Interface	This objective tests the ability of BellSouth to provide nondiscriminatory access to its OSS interfaces in support of the BellSouth-CLEC business relationship. The electronic interfaces tested will include both industry standard machine-to-machine and terminal-type interfaces.
Functionality	This objective tests the ability of BellSouth to provide electronic pre-ordering, ordering, provisioning, maintenance and repair, and billing OSS functionality sufficient to allow CLECs a meaningful opportunity to compete in the local telecommunications services market. In accordance with the Georgia Order, this MTP will address functionality for UNEs only.
Performance	This objective will evaluate the transactional and operational testing conducted through the test facilities to determine whether the results repeated through the test process match the data and the reports generated by BellSouth's performance measurements systems. This Test Objective will include validation of BellSouth's OSS performance measure results to ensure that they are being accurately reported.
Volume & Scalability	This objective tests the ability of BellSouth's electronic OSS interfaces to support reasonably foreseeable transaction volumes.
Documentation	This objective tests the adequacy of BellSouth's OSS interface documentation in describing to CLECs how to implement and use all of the business rules defining the electronic OSS functions available to them.

Figure II - V: Test Objective Descriptions

Deliverable Scope

The following figure describes the primary deliverables for the Test:

<i>Deliverable</i>	<i>Description</i>
BellSouth-Georgia OSS Evaluation Master Test Plan (MTP)	The MTP details the scope of the test, including the definition of test cycles, test scenarios for transactional testing, and the methodologies for test execution.

The Test will verify that BellSouth's electronic pre-ordering, ordering, and maintenance & repair OSS gateways have the ability to process representative normal and peak transaction volumes for the year end 2001 (YE01) time frame. This segment of the Test will address the scalability of the technology and architecture required to support the above mentioned volume forecasts, in addition to transactional testing of projected normal and peak volumes.

- Verify the functionality of BellSouth's electronic OSS gateways.

The Test will verify that BellSouth's electronic OSS gateways support the applicable pre-ordering, ordering, provisioning, maintenance & repair, and billing functionality for UNEs.

D. Document Audience/Vendor Selection

The audience for this document includes those directly responsible for the design, development, execution, and reporting of specific tests and Test results, and parties interested in the scope and results of the Test. The independent third party auditor (KPMG) and tester (HP) were designated and described in the Georgia Order as Firm B and Firm A, respectively. KPMG and HP were selected as a result of their superior qualifications as well as the substantial experience these firms have in similar projects in other states, such as New York. Many of the following stakeholders are referred to throughout this document:

Georgia Public Service Commission

The Georgia PSC will ensure that this document meets the third party testing requirements outlined in the Georgia Order, including validation of test cycles, test scenarios, performance measures, and evaluation criteria. Additionally, the Georgia PSC is responsible for the final evaluation and interpretation of Test results.

KPMG

KPMG is the independent third party auditor responsible for auditing the entire testing process, approving the MTP, and reporting the test results to the Georgia PSC.

Hewlett-Packard (HP)

HP is the independent third party responsible for conducting the feature, function, and volume tests using BellSouth's interfaces consistent with the requirements of the Georgia Order and for reporting the test results to KPMG.

Federal Communications Commission

The FCC may wish to observe the development, execution, and evaluation of the Test in preparation for responding to BellSouth's forthcoming application to provide in-region, interLATA services in the state of Georgia.

Department of Justice (DoJ)

The DoJ may wish to observe the development, execution, and evaluation of the Test in preparation for responding to BellSouth's forthcoming application to provide in-region, interLATA services in the state of Georgia.

CLEC Community

CLECs will use this document to understand the scope (breadth and depth) and results categories of the Test, and to provide their comments as stipulated in the Georgia Order.

BellSouth

BellSouth will use this MTP to understand the testing framework and to prepare the test bed.

E. Assumptions

This section describes the project-level assumptions made in the development of this MTP. Many scope-related assumptions were derived directly from the Georgia Order. Others are based on analysis of regulatory orders, including the results of prior filings by BellSouth and other RBOCs. Additional lower-level assumptions may be discussed within the appropriate sections of this document.

BellSouth Involvement & Support

- BellSouth will provide access to the applicable training courses and documentation in support of the Test.
- BellSouth will provide the necessary resources, facilities, and support to set up the Build and the supporting test bed required to execute the Test (*e.g.*, equipment, identification badges, interface security access, customer account information, test transaction tracking fields, etc.).
- BellSouth will process test transactions as part of normal production activities, including the provisioning of some test cases.
- BellSouth will allow KPMG and HP to observe wholesale processes on-site during applicable evaluation efforts.
- BellSouth will provide KPMG and HP access to historical data and current operational reports, as applicable, to complete the evaluation.
- BellSouth will maintain a stable OSS environment for the duration of the Test.
- All BellSouth tools and documents made available to KPMG and HP are or will be made publicly available.

Test Scope

- The Test will be conducted using a military-style approach. Each test target will be regression tested until all *Severity 1, 2, and 3* test exceptions are eliminated.
- BellSouth's resale telecommunications services will only be addressed in volume testing to ensure a valid mix of transaction types for the targeted OSS interfaces. No functional testing or process evaluation of resale services will be conducted as part of this Test.
- Transaction projections will include volumes across BellSouth's entire nine state region even though the Test is being designed and conducted in support of a Section 271 application for the state of Georgia.
- Transaction volume projections will be developed from actual data trends, CLEC forecasts, and market share loss curve case study analysis for the YE01 time frame.
- Volume testing of BellSouth's OSS interfaces will address normal and peak volumes for electronically submitted transactions.
- Volume testing of the ordering OSS interfaces will include orders that flow through to firm order confirmation (FOC), auto-clarified errors, and a representative sample of service requests and errors that fall out for manual processing.
- Volume testing of the billing and provisioning OSS interfaces is outside the scope of this Test.
- Scalability analyses will be conducted for BellSouth's OSS interfaces that deliver pre-ordering, ordering, provisioning, maintenance and repair, and billing functionality to CLECs.
- All manually submitted OSS process transactions are outside the scope of this Test.
- The Test will require the provisioning of a sample of UNE test cases.
- Testing the billing OSS infrastructure will require the generation of test calls across two consecutive billing cycles.
- Maintenance and repair trouble reporting transactional tests for new installs will be staggered in time such that any gaps between actual customer service activation and completion notice (CN) delivery will be addressed.

- Document analyses will address the information provided to CLECs by BellSouth (including that provided during training classes) for all identified OSS interfaces for both resale services and UNEs.

F. Document Structure

<i>Section</i>	<i>Section Title</i>	<i>Description</i>
I	Document Control	Defines document version control, distribution, and approval requirements.
II	Introduction	Documents the project background, scope and objectives, assumptions, and limitations.
III	Test Plan Framework	Describes the methodologies for testing BellSouth's OSS systems, interfaces, and processes, including how testing is segmented and organized.
IV	Pre-Ordering Test Section	Describes the tests and methodologies to be applied to the Pre-Ordering process domain.
V	Ordering & Provisioning Test Section	Describes the tests and methodologies to be applied to the Ordering and Provisioning process domains.
VI	Billing Test Section	Describes the tests and methodologies to be applied to the Billing process domain.
VII	Maintenance & Repair Test Section	Describes the tests and methodologies to be applied to the Maintenance & Repair process domain.
VIII	Forecasting & Change Management Test Section	Describes the tests and methodologies to be applied to the Forecasting & Change Management business processes.
Appendix A	Product Selection	Describes the selection process for resale services and UNEs to be addressed in the Test.
Appendix B-1	Pre-Ordering Scenarios	Defines the Pre-Ordering test scenarios for use in functional and volume testing.
Appendix B-2	Resale Ordering Scenarios	Defines the resale services test scenarios for use in resale scenarios used in volume testing.
Appendix B-3	UNE Ordering Scenarios	Defines the UNE test scenarios for use in functional and volume testing.

<i>Section</i>	<i>Section Title</i>	<i>Description</i>
Appendix B-4	Billing Scenarios	Defines the billing test scenarios for use in functional testing.
Appendix B-5	M&R Scenarios	Defines the maintenance and repair test scenarios for use in functional and volume testing.
Appendix C	Volume Analysis	Describes the volume forecasting methodology and the transaction volumes by product type and activity type to be applied in volume testing.
Appendix D-1	<u>Evaluation Criteria</u> Performance Metrics	Lists the process <u>Evaluation Criteria</u> performance metrics that will be collected as part of the Test.
Appendix D-2	<u>Service Quality Measurements Regional Performance Reports</u>	<u>BellSouth Service Quality Measurements Regional Performance Report dated 8/10/1999.</u>
Appendix E	Test Cycles	Describes the test cycles that will be executed as part of the Test.
Appendix F	References	Lists the references used in developing this document.
Appendix G	Glossary	Lists the terms and definitions used throughout this document.

Figure II-VII Document Overview

III. Test Plan Framework

A. Scope

The evaluation of BellSouth's OSS infrastructure in accordance with the Georgia Order requires the development of a test framework. The framework will ensure complete coverage of the Georgia PSC's third party testing targets across the dimensions of test scope defined in Section II - Introduction:

- Business Processes
- OSS Interfaces
- Test Objectives
- Product Categories

<i>Test Framework Dimensions</i>			
<i>Business Processes</i>	<i>Interfaces</i>	<i>Test Objectives</i>	<i>Product Categories</i>
Pre-Ordering	TAG	Functionality	Resale
Ordering & Provisioning	TAG EDI	Performance	UNE
Billing	ODUF/ADUF CRIS/CABS	Interface	
Maintenance & Repair	TAFI ECTA	Volume, Scalability	
Forecasting & Change Management	All	Documentation	

Figure III-I: Test Framework Dimensions

Test objectives were mapped across process domains to form objective-oriented tests. These tests were then refined by applicable interface type and/or product category to form test cycles.

Collectively, the domains define the systems, processes, products, and conditions to be tested, or the "test targets." The test approach, or the techniques and delivery vehicles required to execute the Test, are defined by introducing additional dimensions of test methods. Finally, the dimension of performance metrics serves as the basis for determining whether or not an individual test event met stated objectives and achieved expected results. These concepts are described in greater detail below.

B. Approach

Test Methods

Test methods identify the type of testing required to address the test targets. Test methods fall into the following two broad categories:

- transactional analysis
- operational analysis

While transactional testing and operational analysis test cycles are structured in the same format and are evaluated by the same set of metrics, the approaches used to execute the Test vary significantly.

Transactional Analysis

Transactional analysis is an automated testing process triggered by test transactions that exercise the full range of OSS business rules and load conditions. It is initiated through test cases and may be characterized by the presence of mechanized systems and electronic gateways supporting the exchange of transaction data and collection of performance metrics. ~~This automated testing process will be triggered by test transactions that exercise the full range of OSS business rules and load conditions.~~

Operational Analysis

Operational analysis is a multi-dimensional test method focused on the form, structure, and content of the test target. This method addresses the organizational (people), process, and technology aspects of BellSouth's OSS. It can be further divided into *invasive* analyses, which require entry into BellSouth's back-office operations, and *non-invasive* analyses, which may be conducted without direct involvement from BellSouth resources.

Test Techniques

The test methods can be further broken down into test techniques as follows:

<i>Test Method</i>	<i>Test Technique</i>	<i>Description</i>
Transactional	Transaction Processing	Execute and log test case, then compare to expected results.
	Performance Comparison	Compare performance results logged by HP test facilities against BellSouth's performance measures.
Operational	Inspection*	Conduct physical review of back-office activities, documents and systems.
	Interviews*	Conduct conversations with BellSouth personnel.
	Observation^	Monitor activities and collect information by observing and logging events as they occur.
	Document Review^	Conduct a review and analysis of publications and logs.

* Invasive

^ Non-invasive

Figure III-II: Transactional Analysis Evaluation Techniques

Transactional analysis requires the development of test scenarios and test cases as described below. Operational analysis, by contrast, requires the use of evaluation checklists.

Test Scenarios

Business scenarios will be created to describe the customers, products, and services that will be electronically requested from BellSouth. Test scenarios describe the logical and "typical" conditions applicable to a business process.

The test scenarios included in **Appendix B** of this document address a representative sample of the product, process, and account activity type combinations routinely ordered, billed, and/or repaired by BellSouth.

Test Cases

Each test scenario is applied to multiple test cases. A test case addresses a specific set of test conditions that produce a desired outcome. Each are characterized by a set of

procedures designed to execute a specific segment of test data (i.e. a customer account). Each test case contains a set of test conditions and corresponding expected results that, when satisfied, demonstrate that BellSouth is providing nondiscriminatory access.

Test cases are written such that each of the target conditions/outcomes for a given test scenario takes on all possible values at least once (this is known as condition coverage). Test cases must be repeatable, controllable, and recordable for audit and reporting purposes.

Evaluation Checklists

Detailed and comprehensive evaluation checklists will be developed for all test objectives to be analyzed through operational analysis. These checklists will serve as objective criteria to be applied to inspection, interview, observation, and document review activities.

Test Cycles

Test cycles are the organizational tools that manage the testing process. Every test cycle includes a description of the test, its objectives, scope, entrance criteria, activities, and exit criteria. The full set of test cycles is contained in **Appendix F - Test Cycles**. The results accuracy and reporting phase is required in order to ensure that all test results have been collected, assessed, and documented.

Test Tools

Functional testing of BellSouth's OSS through the TAG, EDI, and ECTA interfaces will be conducted using the xst (TAG) Test Client, PC-EDI, and BAP test tools, respectively. All of these tools are provided to requesting CLECs by BellSouth.

The ability of BellSouth's OSS to handle volumes projected for YE01 will be tested via test transaction generators (TTGs). These TTGs will allow normal and stress volumes to be efficiently sent against BellSouth's OSS through the specified interfaces. Volume tests are based on scaling a statistically and functionally representative sample of scenarios to projected volumes. The preliminary volume projection methodology is attached in **Appendix C - Volume Analysis**.

C. Evaluation & Results

Although transactional testing and operational analysis will generate different results based on their varying approaches, the approach used to gather, assess, and report results against those performance metrics will remain consistent across all test cycles.

Results Assessment

Once the results from each test cycle have been collected, they must be assessed in order to determine the performance of the Test. This activity includes comparing the expected results file with the actual results. Additionally, this activity involves verifying that all test conditions in a test cycle have been adequately exercised. *Severity 1, 2, and 3* failures or defects, as described below, will require retesting.

<i>Defect Class</i>	<i>Definition</i>
<i>Severity 1</i>	An error which causes a program or system interrupt or which causes program execution to abort. AT&T and BELL System personnel refer to this type of error as a "show stopper". This error has the highest severity rating.
<i>Severity 2</i>	A severe error which causes a program not to perform properly or to produce unreliable results. Normally, the user cannot find an appropriate "workaround" for this type of error.
<i>Severity 3</i>	An error for which, while not minor, a "workaround" solution can be found for the user.

Figure III-III: Defect Severity Level Definitions

If a significant number of test conditions fail or are not covered, the test cycle will be rescheduled for execution following implementation of the appropriate corrective measures.

Results Reporting

After assessment, results will be reported. Reporting includes migrating the results data into the pre-determined reporting templates. Additionally, the test cycle logs are included as part of the test cycle report. Each test cycle will have its own summary report and test log to sufficiently disaggregate the test results and provide detailed reporting. KPMG is responsible for providing a final, independent results report at the end of each test cycle.

Upon completion of each transactional analysis test cycle, KPMG will compare the disaggregated performance metrics and raw data collected by the HP test facilities against the metrics collected by BellSouth's own performance measurement systems.

Evaluation Criteria, Performance Metrics, and Standards of Performance
Metrics

Both transactional testing and operational analysis require evaluation criteria, and performance metrics, and standards of performance to assess test results. Test performance metrics provide the basis for determining whether or not an individual test event met stated objectives and achieved expected results. This activity serves to sharpen the test approach and scope by defining the specific criteria required to measure the success of each test event. Evaluation criteria, performance metrics, and standards of performance are described in detail in Appendix D-1 - Performance Metrics. As additional metrics and standards are identified during test design, Appendix D-1 will be updated.

Performance metrics will be developed for each test to determine whether the results deviate from expectations. In those cases where results deviate, statistical analysis will be undertaken to determine the significance of the deviation.

D. Entrance and Exit Criteria

Each test cycle, by nature of its testing objective, interface type, and process domain, mandates specific entrance and exit criteria. However, global entrance and exit criteria span all test cycles.

Entrance Criteria

Entrance criteria must be met before individual tests can commence. The following global entrance criteria apply to every individual test.

<i>Criterion</i>	<i>Responsible Party</i>
MTP must have been filed with the Georgia PSC.	BellSouth
Exception reporting process must be defined.	Georgia PSC, KPMG, HP, BellSouth
The Georgia PSC must have established service quality measurements to be used in the test.	Georgia PSC
All required BST interface capabilities must be operationally ready.	BellSouth

Figure III-IV Global Entrance Criteria

- The Master Test Plan must have been approved.

The Master Test Plan must have been filed with the Georgia PSC.

- **Exception Reporting process must have been defined.**

A defined process must be in place by which test defects are identified, assigned, resolved, and escalated. KPMG, HP and BellSouth must have agreed to this exception reporting process.

- **The Georgia PSC must have established service quality measurements to be used in the test.**

Metrics to be used in Georgia have been set out in the Georgia PSC's Order. Before many portions of the test can begin, these metrics must be agreed to and fully defined. In addition they must be fully functional, tested, and operationally ready. Fully functional BellSouth measurements are required to support collection of test results and to ensure that a method exists to monitor ongoing compliance. With assistance from the independent auditors, the Georgia PSC will assess the operational readiness of all required BellSouth measurements and verify that all requirements have been met.

- **All required BellSouth interface capabilities must be operationally ready.**

Electronic interfaces to all OSS access functions of pre-ordering, ordering, provisioning, maintenance and repair, and billing must be fully tested and operational. All GUI interface capabilities must be operational.

Both global entrance criteria and test-specific entrance criteria (where applicable) must be defined for each test cycle.

Exit Criteria

Exit criteria must be met before the tests defined in the Test Plan can be concluded. Global exit criteria for each test cycle include the following:

<i>Criterion</i>	<i>Responsible Party</i>
All required test activities must be completed.	KPMG, HP
All change control, verification, and confirmation steps must be completed.	KPMG, HP

<i>Criterion</i>	<i>Responsible Party</i>
KPMG must audit the testing process, monitor the performance of the tests, evaluate the test plans, assess the accuracy of reported results, and report to the Georgia PSC.	KPMG

Figure III-V Global Exit Criteria

- **All required test activities must be completed.**

For each test, all fact finding and analysis activities must be completed. All results and test methodologies must have been documented.

- **All change control, verification, and confirmation steps must be completed.**

The results of test activities must be documented and reviewed for accuracy. Any results that require clarification or follow-up must be confirmed.

- **KPMG must validate the reported results.**

KPMG, in its role as an independent auditor, must review test scope, methods, data, and reporting, and assess the accuracy of the results. KPMG must then issue an interim report to the Georgia PSC.

Where applicable, test-specific exit criteria must be defined for each test cycle.

IV. Pre-Ordering Test Section

A. Overview

The purpose of this section is to define the pre-ordering tests needed to prove nondiscriminatory access to BellSouth's OSS in order to comply with the Georgia Order and the Act.

B. Scope

The pre-ordering test scope is defined by the following test dimensions: interface, test objective, product category, and test technique. Test cycles are based on those combinations of test dimensions required within the scope of the Georgia Order.

<i>Test Cycle</i>	<i>Test Dimensions</i>			
	<i>Interface</i>	<i>Primary Test Objective</i>	<i>Product Category</i>	<i>Test Technique</i>
PRE-1: TAG Pre-Ordering Functional Test	TAG	Functionality	Product Independent	Transaction Processing
PRE-2: Pre-Ordering Performance Results Comparison	TAG	Performance	Product Independent	Performance Comparison
PRE-3: TAG Pre-Ordering Documentation Evaluation	TAG	Documentation	Product Independent	Document Review/ Observation
<u>PRE-4: TAG Pre-Ordering Normal Volume Test</u>	<u>TAG</u>	<u>Volume</u>	<u>Resale UNE</u>	<u>Volume Transaction Processing</u>
<u>PRE-5: TAG Pre-Ordering Peak Volume Test</u>	<u>TAG</u>	<u>Volume</u>	<u>Resale UNE</u>	<u>Volume Transaction Processing</u>
<u>PRE-6: Pre-Ordering Processing Systems Scalability Evaluation</u>	<u>TAG</u>	<u>Volume & Scalability</u>	<u>Resale UNE</u>	<u>Inspection Interview</u>

Figure IV-I: Pre-Ordering Test Cycles

Pre-order volume testing is addressed within the O&P normal and peak volume performance tests. Pre-order scalability is addressed in O&P Systems Scalability Evaluation.

C. Test Cycles

1.0 PRE-1: TAG Pre-Ordering Functional Test

1.1 Description

The TAG Pre-Ordering Functional Test will evaluate the functional elements of the pre-ordering process for UNEs as delivered to CLECs by the TAG interface. This test cycle will be executed by submitting standalone pre-order transactions against BellSouth test-bed accounts.

TAG pre-ordering functionality and the documentation addressing its use will be tested in a cycle that will target customer service records, feature/service availability, telephone number assignment, address validation, and appointment availability. Transactions will be submitted using multiple "entry points" (e.g., circuit identifier and telephone number for CSRs, or telephone number and partial address for address validations), request types, customer types (where applicable), and CO switch locations.

This Test will require BellSouth to establish a test bed of customer accounts against which the requisite pre-order service inquiries may be placed. The test scenarios to be used in the TAG Pre-Ordering Functional Test are described in **Appendix B-1: Pre-Ordering Scenarios**.

The Test Cycle Manager will coordinate efforts with BellSouth to ensure that, where appropriate and prior to beginning the Test, BellSouth's and HP's performance measurement systems is-are prepared to track test transaction performance. Test cycle performance data will be collected and delivered to the Pre-Ordering Performance Results Comparison Test (PRE-2) and KPMG as inputs to their respective test execution functions.

1.2 Objective

The objective of the TAG Functional Pre-Ordering Test is to accurately prove the existence of TAG functionality for electronically ordered UNEs in accordance with the TAG documentation.

1.3 Entrance Criteria

- Global Entrance Criteria must be satisfied.
- TAG documentation and training must be obtained.
- Test transaction tracking strategy must be identified.
- Target performance metrics must be identified.
- BellSouth and HP performance measurement tracking systems must be prepared to track test transactions.
- All appropriate SRT activities must be completed.
- xst (TAG) Test Client terminal stations must be configured and installed
- BellSouth test-bed customer account data must be loaded.
- Expected results files must be completed.
- Integrated test management tools must be installed and configured.
- ~~Test scripts (transaction content) completed and~~ cases and test instances must have been developed and loaded.
- Test case execution must be scheduled.
- Test cycle execution checklist must have been created.
- Test logs must have been created and results reporting template completed.
- Account and security access to TAG must be established.
- TAG connectivity must be established.
- Test execution team must be staffed, scheduled, and trained.
- Test Plan and evaluation criteria must have been defined and approved.

1.4 Test Scope

The test scope will address the following sub-processes and functions to evaluate TAG functionality.

<i>Test Objectives: Functionality, Performance, Documentation, and Interface</i> <i>Test Technique: Transaction Processing</i>	
<i>Sub-Process</i>	<i>Function</i>
Validate Address	Create address validation request transaction.
	Send address request using BTN.
	Send address validation request using WTN.
	Send address validation request using partial address.
	Receive match response.
	Receive near-match response.
	Receive no-match response.
	Receive error response.
	Correct error(s).
	Resend address inquiry.
	Receive match response.
	Retrieve CSR
Send CSR request using BTN.	
Send CSR request using WTN.	
Send CSR request using circuit identifier and state code.	
Send CSR request using miscellaneous account number.	
Send request for directory information only.	
Receive match response.	
Receive no-match response.	
Correct error(s).	
Receive error response.	

Test Objectives: Functionality, Performance, Documentation, and Interface
Test Technique: Transaction Processing

<i>Sub-Process</i>	<i>Function</i>
	Resend CSR inquiry.
	Receive match response.
Determine Product / Service Availability	Create service availability request transaction.
	Send service availability (LPIC, PIC, Switch Service Availability) request transaction.
	Receive availability response.
	Receive error response.
	Correct error(s).
	Resend service availability inquiry.
	Receive availability response.
Request Available Telephone Number(s)	Create available telephone number request transaction.
	Send TN request for specific number(s) (Easy, Sequential, Ascending, Vanity, etc.).
	Send TN request for random number(s).
	Send TN request for a range of specific numbers.
	Send TN request for a range of random numbers.
	Receive available numbers response.
	Receive error response.
	Correct error(s).
	Resend available telephone number request.
	Receive available numbers response.
Reserve TN(s)	Create telephone number reservation transaction.

Test Objectives: Functionality, Performance, Documentation, and Interface
Test Technique: Transaction Processing

<i>Sub-Process</i>	<i>Function</i>
	Send reservation request for a single TN.
	Send reservation request for Multi-line Hunt.
	Send reservation request for Direct-In-Dial.
	Receive confirmation response.
	Receive error response.
	Correct error(s).
	Resend TN reservation request.
	Receive confirmation response.
Cancel TN Reservation	Create telephone number reservation cancellation transaction.
	Send cancel reservation request for a single TN.
	Send cancel reservation request for Multi-line Hunt.
	Send cancel reservation request for Direct-In-Dial.
	Receive confirmation response.
	Receive error response.
	Correct error(s).
	Resend cancel TN reservation request.
	Receive confirmation response.
	Receive match response.
Determine Appointment Availability	Create appointment availability request transaction.
	Send request for appointment availability.
	Receive valid response.

<i>Test Objectives: Functionality, Performance, Documentation, and Interface Test Technique: Transaction Processing</i>	
<i>Sub-Process</i>	<i>Function</i>
	Receive error response.
	Correct error(s).
	Resend available due date request.
	Receive valid response.
Calculate Due Date	Create due date calculation request transaction.
	Send request for due date calculation.
	Receive valid response.
	Receive error response.
	Correct error(s).
	Resend due date calculation request.
	Receive valid response.

Figure IV-II: TAG Pre-Ordering Functional Test Scope

1.5 Test Activities

1. Submit TAG test case transactions according to schedule.
2. Log transaction identifier(s) and submission date/time stamp.
3. Receive transaction responses.
4. Log transaction identifier(s) and receipt date/time stamp.
5. Format transaction response for comparator evaluation.
6. Match transaction response to submitted transaction.
7. Verify that transaction response contains expected results.
8. Flag any exceptions or mismatched responses. (If none, go to Step 17.)

9. Review exceptions to identify root cause(s).
10. Report any *Severity 1, 2, and 3* test exceptions.
11. Troubleshoot exceptions and determine resolution procedures.
12. Resolve exceptions in accordance with exception resolution process.
13. Determine if test cycle should continue. (If not, go to Step 18.)
14. Take corrective actions.
15. Increment transaction version numbers and resubmit transaction.
16. Log resubmission transaction identifier(s) and date/time stamp. (Go to step 3.)
17. Review comparator results and identify pending/open transactions.
18. Generate test results reports.
19. Calculate and report performance metrics.

1.6 Exit Criteria

- Global Exit Criteria must be satisfied.
- Where applicable, disaggregated performance metrics report must be completed.
- *Expected versus actual* results report must be completed.
- Exceptions report must be completed.
- Exceptions report due to documentation must be delivered to Document Review Test.
- Post-mortem analysis must be conducted.
- Test cycle results summary report must be completed.
- Results summary and formatted data must be delivered to KPMG.
- Disaggregated performance metrics report and raw electronic data must be delivered to Pre-Ordering Performance Results Comparison Test.

2.0 *PRE-2: Pre-Ordering Performance Results Comparison*

2.1 Description

The Pre-Ordering Performance Results Comparison is a comparative analysis of performance results collected by HP test management tools and by BellSouth's OSS performance measurement system. The source results collected from PRE-1: TAG Functional Test, O&P-3: EDI/TAG Normal Volume Performance Test, and O&P-4: EDI/TAG Peak Volume Performance Test will be compared to BellSouth's performance metrics; accuracy and trends will be identified; and disparities will be analyzed for significance.

2.2 Objective

The objective of the Pre-Ordering Performance Results Comparison is to assess the accuracy of BellSouth's wholesale performance metrics results using test transactions.

2.3 Entrance Criteria

- Global Entrance Criteria must be satisfied.
- Results comparison strategy must be defined.
- TAG Pre-Ordering Functional Tests, including disaggregated performance metrics reports, must be completed.
- TAG Normal and Peak Volume Performance Tests, including disaggregated performance metrics reports, must be completed.
- BellSouth performance measurement system reports must be compiled.
- Test execution must be scheduled.
- Test logs must have been created and results reporting template completed.
- Test execution team must be staffed, scheduled, and trained.
- Test Plan and evaluation criteria must have been defined and approved.
- Guidelines for measuring variances must be defined.

2.4 Test Scope

The test scope will address the following sub-processes and functions to compare performance results.

<i>Test Objective: Performance</i> <i>Test Techniques: Performance Comparison</i>	
<i>Sub-Process</i>	<i>Function</i>
Average OSS Response Interval	Address validation.
	CSR retrieval.
	Switched service availability.
	PIC/LPIC availability.
	Product / Service availability.
	Telephone Number(s) availability.
	<u>TN reservation(s).</u>
	<u>TN reservation cancellation(s).</u>
	<u>Due Date determination</u> / <u>Appointment Availability.</u>

Figure IV-III: Pre-Ordering Performance Results Comparison Test Scope

2.5 Test Activities

1. Acquire and format BellSouth and Testtest performance data files.
2. Compare disaggregated BellSouth performance results with test management tools performance results.
3. Flag any unexplained variance in results comparison. (If none, go to step 11.)
4. Review exceptions to identify root cause.
5. Report any *Severity 1, 2, and 3* test exceptions.

6. Identify and quantify root cause(s) for variances in results.
7. Troubleshoot exceptions and determine resolution procedures.
8. Resolve unexplained variances in accordance with exception resolution process.
9. Determine if test cycle should continue. (If no, go to step 12.)
10. Take corrective actions.
11. Resume results comparison analysis.
12. Generate comparative analysis results reports.

2.6 Exit Criteria

- Global Exit Criteria must be satisfied.
- Comparative analysis report must be completed.
- Results variance findings must be documented.
- Exceptions report must be completed.
- Post-mortem analysis must be conducted.
- Test cycle results summary report must be completed.
- Results summary and formatted data must be delivered to KPMG.

3.0 PRE-3: TAG Pre-Ordering Documentation Evaluation

3.1 Description

The TAG Pre-Ordering Documentation Evaluation is an analysis of the BellSouth-provided documentation used by CLECs to interface and interact with the TAG interface for pre-ordering activities. This evaluation is intended to review the quality, accuracy and completeness of BellSouth's ~~repaired-pre-ordering~~ documentation using a variety of operational analysis techniques. This test will receive exception reports due to documentation as input from the PRE-1: TAG Functional Test, O&P-3: EDI/TAG Normal Volume Performance Test, and O&P-4: EDI/TAG Peak Volume Performance Test. These exceptions reports will address whether system functionality matches that described in the business rules documentation.

3.2 Objective

The objective of TAG Pre-Ordering Documentation Evaluation is to assess whether the documentation provided by BellSouth adequately assists CLECs in understanding how to implement and use all of the TAG pre-ordering functions available to them.

3.3 Entrance Criteria

- Global Entrance Criteria must be satisfied.
- TAG and LEO documentation must be obtained.
- TTG vendor teams must be staffed, scheduled, and trained.
- Interdependent test cycles must be scheduled.
- Exceptions reports due to documentation from PRE-1: TAG Functional Test must have been received.
- Exceptions reports due to documentation must have been received from O&P-3: EDI/TAG Normal Volume Performance Test and O&P-4: EDI/TAG Peak Volume Performance Test.
- Test execution team must be identified, trained, and staffed.
- Test logs must have been created and results reporting template completed.
- Documentation evaluation checklists must be completed.
- Test Plan and evaluation criteria must have been defined and approved.

3.4 Test Scope

The test scope will address the following sub-processes and functions to evaluate TAG documentation.

Test Objective: Documentation
Test Technique: Document Review and Observation

<i>Sub-Process</i>	<i>Function</i>
Pre-Ordering Documentation	LEO Implementation Guides (Pre-Ordering Sections of Volumes 1-4).
	Resale - CLEC Starter Kit (Pre-Ordering Sections).
	Resale CLEC Activation Requirements.
	TAG Programmer's Job Aid.
	TAG Training - Release 2.1.
	TAG API Reference Guide.
	Carrier Notification.

Figure IV-IV: TAG Pre-Ordering Document Review Test Scope

3.5 Test Activities

1. Conduct clarity and completeness reviews.
2. Conduct reviews during development, installation, and testing of interfaces.
3. Conduct reviews during functional and volume test executions.
4. Conduct interviews with BellSouth documentation specialists.
5. Conduct interviews with CLEC documentation users.
6. Flag any exceptions or documentation error(s). (If none, go to step 11.)
7. Review exceptions to identify root cause(s).
8. Report any *Severity 1, 2, and 3* test exceptions.
9. Troubleshoot exceptions and determine resolution procedures.
10. Resolve exceptions in accordance with exception resolution process.
11. Generate test results reports.

3.6 Exit Criteria

- Global Exit Criteria must be satisfied.
- Documentation checklists must be completed.
- Exceptions report must be completed.
- Post-mortem analysis must be completed.
- Test cycle results summary report must be completed.
- Results summary and reports must be delivered to KPMG.

PRE-4: TAG Normal Volume Performance Test

4.1 Description

The TAG Normal Volume Performance Test will evaluate simultaneously the behavior and performance of the TAG interfaces under "normal" YE01 projected transaction load conditions. This test cycle will be executed in a manner consistent with the forecasted daily usage patterns and transaction mix (including error conditions) for each interface by TTGs capable of submitting large volumes of flow-through pre-ordering (TAG only) and resale and UNE service request test cases. Patterns of time within the day and patterns of days within the month will be emulated. [See Section VII O&P-3: EDI/TAG Normal Volume Performance Test for the detailed requirements for this combined test.]

PRE-5: TAG Peak Volume Performance Test

5.1 Description

The TAG Peak Volume Performance Test will evaluate simultaneously the behavior and performance of the TAG interfaces under "peak" YE01 projected transaction load conditions. This test cycle will execute selected flow-thru pre-ordering (TAG only) and resale and UNE test cases, including error conditions. The peak volume forecast will be developed using the peak hourly load identified for the TAG Normal Volume Performance Test, replicating those transaction volumes across an eight-hour period. Alternatively, if BellSouth's normal daily usage patterns are relatively flat, a multiple may be applied to the peak hourly load and the result replicated across an eight-hour day. [See Section VII O&P-4: EDI/TAG Peak Volume Performance Test for the detailed requirements for this combined test.]

PRE-6: Pre-Order Processing Systems Scalability Evaluation

6.1 Description

The Pre-Order Processing Systems Scalability Evaluation is a review of the technical architecture and direct maintenance and support processes for the cluster of pre-ordering applications. The technical review will focus on the modularity of the technology architecture, data architecture, and application architecture to assess scalability. The operational review will focus on the work capacity of existing support resources and the number of resources required to maintain the future technology architecture.

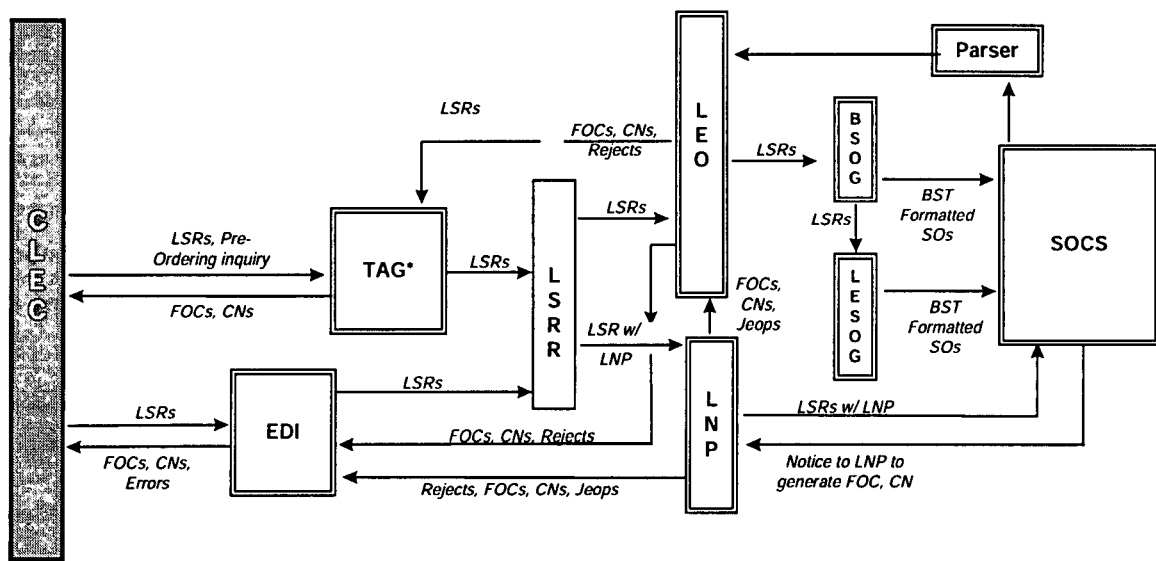


Figure IV-V: BellSouth's Pre-Ordering & Ordering Network Elements

6.2 Objective

The objective of the Pre-Order Processing Systems Scalability Evaluation is to determine the degree to which these applications and associated maintenance and support workforce can scale to accommodate projected YE01 transaction volumes and CLEC users.

6.3 Entrance Criteria

- Global Entrance Criteria must be satisfied.
- TAG technical documentation must be identified and obtained for:

- Subsystem design
- Software architecture
- Technology architecture
- Data model
- Data communication architecture.
- Performance metrics must be defined and approved.
- Scalability evaluation matrix must be completed.
- Interview guide/questionnaire must be completed.
- Technical resources must be identified and scheduled for interviews.
- Test Plan and evaluation criteria must be defined and approved.

6.4 Test Scope

The scope will address the following sub-processes and functions to evaluate TAG scalability.

<i>Test Objective: Volume and Scalability</i> <i>Test Technique: Inspection and Interview</i>	
<i>Sub-Process</i>	<i>Function</i>
TAG Scalability	Technical architecture modularity.
	Operations support resources work capacity.

Figure IV-VI: Pre-Order Processing Systems Scalability Evaluation Test Scope

6.5 Test Activities

1. Identify all system documentation available for review.
2. Conduct structured review of technical documentation.
3. Conduct interviews with key development and support personnel.

4. Document findings.
5. Report any Severity 1, 2, and 3 test exceptions.

6.6 Exit Criteria

- Scalability evaluation matrix must be completed.
- Interviews must be completed and summarized.
- Summary findings document must be completed.
- Technical evaluations must be completed.
- Operational support evaluations must be completed.
- Results summary and reports must be delivered to KPMG.

V. Ordering and Provisioning Test Section

A. Overview

The purpose of this section is to define the specific ordering and provisioning tests needed to prove nondiscriminatory access to BellSouth's OSS in order to comply with the Georgia Order and the Act.

B. Scope

The ordering and provisioning test scope is defined by the following test dimensions: interface, test objective, product category, and test technique. The test cycles are based on those combinations of test dimensions required within the scope of the Georgia Order.

<i>Test Cycle</i>	<i>Test Dimensions</i>			
	<i>Interface</i>	<i>Primary Test Objective</i>	<i>Product Category</i>	<i>Test Technique</i>
O&P-1: EDI Functional Test	EDI	Functionality	UNE	Transaction Processing
O&P-2: TAG Functional Test	TAG	Functionality	UNE	Transaction Processing
O&P-3: EDI/TAG Normal Volume Performance Test	EDI TAG	Volume & Scalability	Resale UNE	Transaction Processing
O&P-4: EDI/TAG Peak Volume Performance Test	EDI TAG	Volume & Scalability	Resale UNE	Transaction Processing
O&P-5: Provisioning Verification Test	TAG	Performance	UNE	Transaction Processing Inspection
O&P-6: Ordering Processing Systems Scalability Evaluation	EDI TAG	Volume & Scalability	Resale UNE	Inspection Interview
O&P-7: O&P Performance Results Comparison	EDI TAG	Performance	Resale UNE	Performance Comparison
O&P-8: EDI Documentation Evaluation	EDI	Documentation	UNE	Document Review Interview

O&P-9: TAG Documentation Evaluation	TAG	Documentation	UNE	Document Review Observation
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Figure V-I: Ordering and Provisioning Test Cycles

C. Test Cycles

1.0 O&P-1: EDI Functional Test

1.1 Description

The EDI Functional Test will evaluate the functional elements of the ordering and provisioning process for UNEs as delivered to CLECs by the EDI interface. This test cycle will be executed by submitting local service requests (LSRs) for UNEs against BellSouth test-bed accounts and allowing the process to continue through the return of either a firm order confirmation (FOC) or reject/error notice. A number of these transactions will be permitted to proceed through the physical provisioning process and the return of an electronic completion notice (CN).

EDI ordering and provisioning functionality will be reviewed along with the documentation addressing its use. This test cycle will address all electronically ordered UNE requisition type and activity type combinations for business and residence customers. Other functional elements of the UNE ordering and provisioning process to be tested include flow-through and non-flow-through orders, full and partial migrations, error conditions, order supplements, directory listings, cancels, dispatch and non-dispatch provisioning, expedites, and jeopardy notices delivered through the EDI.

The EDI ordering and provisioning test will require BellSouth to establish a test bed of customer accounts against which to place the requisite service requests. Additionally, BellSouth must establish the process or triggers by which to drop service requests out of the process following the successful return of an FOC and prior to entering the provisioning process. Finally, the downstream CRIS/CABS Invoicing Functional Test (BLG-1) requires that those transactions allowed to complete through provisioning utilize ~~two~~ three operating company numbers (OCNs). Customer test accounts will be distributed geographically across multiple Georgia COs and switching/transmission equipment configurations.

The test scenarios to be used in the EDI Functional Test are described in **Appendix B-3: UNE Ordering Scenarios**.

The Test Cycle Manager will coordinate efforts with BellSouth to ensure that BellSouth's and HP's performance measurement systems ~~is~~ are prepared to track test transaction performance prior to beginning the Test. Test cycle performance data will also be collected through test management tools and delivered to the O&P Performance Results

Comparison Test (O&P-7) and KPMG as inputs to their respective test execution functions.

1.2 Objective

The objective of the EDI Functional Test is to accurately prove the existence of EDI functionality for electronically ordered UNEs in accordance with EDI documentation.

1.3 Entrance Criteria

- Global Entrance Criteria must be satisfied.
- EDI documentation and training materials must be obtained.
- Test transaction tracking strategy must be identified.
- Three- Five OCNs must be acquired and deployed (~~two- three~~ for provisioning).
- Target performance metrics must be identified.
- BellSouth's and HP's performance measurement tracking systems must be prepared to track test transactions.
- PC-EDI or EDI-LAN-to-LAN must be ~~terminal stations~~ configured and installed.
- All appropriate SRT activities must be completed.
- BellSouth test-bed customer account data must be loaded.
- Expected results files must be completed.
- Integrated test management tools must be installed and configured.
- Test scripts (transaction content) must be completed and loaded.
- Test case execution must be scheduled.
- Test cycle execution checklist must be created.
- Test logs must have been created and results reporting template completed.
- Account and security access to EDI must be established.

- EDI connectivity must be established.
- Test execution team must be staffed, scheduled, and trained.
- Test Plan and evaluation criteria must be defined and approved.

1.4 Test Scope

The scope will address the following sub-processes and functions to evaluate EDI functionality.

<i>Test Objective: Functionality, Performance, Documentation, and Interface</i>	
<i>Test Technique: Transaction Processing</i>	
<i>Sub-Process</i>	<i>Function</i>
Submit an Order	Create order transaction(s).
	Send order in LSR format.
	Receive acknowledgment.
	Receive FOC/ <u>error/reject notification</u> .
	Send transaction response
	<u>Send expedited order transaction</u> .
Submit an Error	Create error transaction(s).
	Send error in LSR format.
	Receive acknowledgment.
	Receive planned error/reject notification.
	Correct error(s).
	Resend order.
	Receive FOC.
	Send transaction response

Test Objective: Functionality, Performance, Documentation, and Interface
Test Technique: Transaction Processing

<i>Sub-Process</i>	<i>Function</i>
Supplement an Order	Create supplement transaction(s).
	Send supplement.
	Receive acknowledgment.
	Receive error/reject notification.
	Correct error(s).
	Resend supplement.
	Determine status of transaction response.
	Receive FOC.
	Send transaction response
	Cancel an Order
	Send cancel.
	Receive acknowledgment.
	Receive FOC.
	Send transaction response
Receive Completion Notice (CN)	Receive CN transaction.
	Send transaction response
Receive Jeopardy Notification	Receive jeopardy notification transaction.
	Send transaction response
<u>Check Service Order Status</u>	<u>Check service order status.</u>

Figure V-II: EDI Functional Test Scope

1.5 Test Activities

1. Submit EDI test case transactions according to schedule.
2. Log transaction identifier(s) and submission date/time stamp.
3. Receive transaction responses.
4. Log transaction identifier(s) and receipt date/time stamp.
5. Format transaction response for comparator evaluation.
6. Match transaction response to submitted transaction.
7. Verify that transaction response contains expected results.
8. Flag any exceptions or mismatched responses. (If none, go to Step 17.)
9. Review exceptions to identify root cause(s).
10. Report any *Severity 1, 2, and 3* test exceptions.
11. Troubleshoot exceptions and determine resolution procedures.
12. Resolve exceptions in accordance with exceptions resolution process.
13. Determine if test cycle should continue. (If not, go to Step 18.)
14. Take corrective actions.
15. Increment transaction version numbers and resubmit transaction.
16. Log resubmission transaction identifier(s) and date/time stamp. (Go to Step 3.)
17. Review comparator results and identify pending/open transactions.
18. Generate test results reports.
19. Calculate and report performance metrics.

1.6 Exit Criteria

- Global Exit Criteria must be satisfied.
- Disaggregated performance metrics report must be completed.
- *Expected versus actual* results report must be completed.
- Exceptions report must be completed.

- Exceptions report due to documentation must be delivered to Document Review Test.
- Post-mortem analysis must be conducted.
- Test cycle results summary report must be completed.
- Results summary and formatted data must be delivered to KPMG.
- Disaggregated performance metrics report and raw electronic data must be delivered to O&P Performance Results Comparison Test.

2.0 O&P-2: TAG Functional Test

2.1 Description

The TAG Functional Test will evaluate the functional elements of the ordering and provisioning process for UNEs as delivered to CLECs via the TAG interface. This test cycle will be executed by submitting LSRs for UNEs against BellSouth test-bed accounts and allowing the process to continue through the return of either an FOC or reject/error notice. A number of these transactions will be permitted to proceed through the physical provisioning process and return an electronic CN.

TAG ordering functionality will be reviewed along with the documentation addressing its use. This test cycle will address all electronically ordered UNE requisition type and activity type combinations for business and residence customers. Other functional elements of the UNE ordering and provisioning process to be tested include flow-through and non-flow-through orders, full and partial migrations, error conditions, order supplements, directory listings, cancels, dispatch and non-dispatch provisioning, , expedites, and jeopardy notices delivered through the TAG interface.

The TAG interface ordering and provisioning test will require BellSouth to establish a test bed of customer accounts against which to place the requisite service requests. Additionally, BellSouth must establish the process or triggers by which to drop service requests out of the process following the successful return of an FOC, and prior to entering the provisioning process. Finally, the downstream CRIS/CABS Invoicing Functional Test (BLG-1) requires that those transactions allowed to complete through provisioning utilize two OCNs. Customer test accounts will be distributed geographically across multiple Georgia COs and switching/transmission equipment configurations.

The test scenarios to be used in the TAG Functional Test are described in **Appendix B-3: UNE Ordering Scenarios**.

The Test Cycle Manager will coordinate efforts with BellSouth to ensure that BellSouth's and HP's performance measurement systems is-are prepared to track test transaction performance prior to beginning the Test. Test cycle performance data will be also be

collected through test management tools and delivered to the O&P Performance Results Comparison Test (O&P-7) and KPMG as inputs to their respective test execution functions.

2.2 Objective

The objective of the TAG Functional Test is to accurately prove the existence of TAG functionality for electronically ordered UNEs in accordance with TAG documentation.

2.3 Entrance Criteria

- Global Entrance Criteria must be satisfied.
- TAG documentation and training materials must be obtained.
- Test transaction tracking strategy must be identified.
- ~~Three~~ Five OCNs must be acquired and deployed (~~two~~ three for provisioning).
- Target performance metrics must be identified.
- BellSouth's and HP's performance measurement tracking systems must be prepared to track test transactions.
- All appropriate SRT activities must be completed.
- xst (TAG) Test Client terminal stations must be configured and installed.
- BellSouth test-bed customer account data must be loaded.
- Expected result files must be completed.
- Integrated test management tools must be installed and configured.
- Test scripts (transaction content) must be completed and loaded.
- Test case execution must be scheduled.
- Test cycle execution checklist must be created.
- Test logs must have been created and results reporting templates completed.
- Account and security access to TAG must be established.

- TAG connectivity must be established.
- Test execution team must be staffed, scheduled, and trained.
- Test Plan and evaluation criteria must be defined and approved.

2.4 Test Scope

The scope will address the following sub-processes and functions to evaluate TAG functionality.

<i>Test Objective: Functionality, Performance, Documentation, and Interface</i>	
<i>Test Technique: Transaction Processing</i>	
<i>Sub-Process</i>	<i>Function</i>
Submit an Order	Create order transaction(s).
	Send order in LSR format.
	Receive acknowledgment.
	Receive FOC/ <u>error/reject/notification.</u>
	Send transaction response Send expedited order transaction.
Submit an Error	Create error transaction(s).
	Send error in LSR format.
	Receive acknowledgment.
	Receive planned error/reject notification.
	Correct error(s).
	Resend order.
	Receive FOC.
	Send transaction response
Supplement an Order	Create supplement transaction(s).

Test Objective: Functionality, Performance, Documentation, and Interface
Test Technique: Transaction Processing

<i>Sub-Process</i>	<i>Function</i>
	Send supplement.
	Receive acknowledgment.
	Receive error/reject notification.
	Correct error(s).
	Resend supplement.
	Receive FOC.
	Send transaction response
Cancel an Order	Create cancel transaction.
	Send cancel.
	Receive acknowledgment.
	Send transaction response
Receive Completion Notice	Receive CN transaction.
	Send transaction response
	Receive transaction response.
Receive Jeopardy Notification	Receive jeopardy notification transaction.
	Send transaction response
<u>Check Service Order Status</u>	<u>Create service order status request.</u>
	<u>Send transaction.</u>
	<u>Receive response.</u>

Figure V-III: TAG Functional Test Scope

2.5 Test Activities

1. Submit TAG test case transactions according to schedule.
2. Log transaction identifier(s) and submission date/time stamp.
3. Receive transaction responses.
4. Log transaction identifier(s) and receipt date/time stamp.
5. Format transaction response for comparator evaluation.
6. Match transaction response to submitted transaction.
7. Verify that transaction response contains expected results.
8. Flag any exceptions or mismatched responses. (If none, go to Step 17.)
9. Review exceptions to identify root cause(s).
10. Report any *Severity 1, 2, and 3* test exceptions.
11. Troubleshoot exceptions and determine resolution procedures.
12. Resolve exceptions in accordance with exception resolution process.
13. Determine if test cycle should continue. (If not, go to Step 18.)
14. Take corrective actions.
15. Increment transaction version numbers and resubmit transaction.
16. Log resubmission transaction identifier(s) and date/time stamp. (Go to Step 3.)
17. Review comparator results and identify pending/open transactions.
18. Generate test results reports.
19. Calculate and report performance metrics.

2.6 Exit Criteria

- Global Exit Criteria must be satisfied.
- Disaggregated performance metrics report must be completed.
- *Expected versus actual* results report must be completed.
- Exceptions count report must be completed.
- Exceptions report due to documentation must be delivered to Document Review Test.
- Post-mortem analysis must be conducted.

- Test cycle summary report must be completed.
- Results summary and formatted data must be delivered to KPMG.
- Disaggregated performance metrics report and raw electronic data must be delivered to O&P Performance Results Comparison Test.

3.0 O&P-3: EDI/TAG Normal Volume Performance Test

3.1 Description

The EDI/TAG Normal Volume Performance Test will evaluate simultaneously the behavior and performance of both the EDI and TAG interfaces under "normal" YE01 projected transaction load conditions. This test cycle will be executed by TTGs in a manner consistent with the forecasted daily usage patterns and transaction mix (including error conditions) for each interface. The TTGs are capable of submitting large volumes of selected flow-through pre-ordering (TAG only), and resale and UNE service request test cases, in a manner consistent with the current forecasted daily usage patterns and transaction mix (including error conditions) for each interface. Patterns of time within the day and patterns of days within the month will be emulated.

The normal volume forecast will be developed across BellSouth's entire nine-state region (not Georgia only) as described in **Appendix C: Volume Analysis**. The test will be executed during two ten-hour periods by modeling the expected normal daily usage pattern (e.g., the off-peak nighttime hour loads will be ignored for the Test). The majority of the transactions submitted in support of this test cycle are expected to flow through BellSouth's OSS electronically and return an error or an FOC. However, a representative sample of transactions will be submitted to test BellSouth's processing capacity for electronically ordered service requests and errors that fall out for manual processing. LSR transaction loads will be distributed geographically across multiple Georgia COs. BellSouth will ensure that customer test accounts are established and configured accordingly.

The test scenarios to be used in the EDI/TAG Normal Volume Performance Test are described in **Appendix B-2: Resale Ordering Scenarios** and **Appendix B-3: UNE Ordering Scenarios**.

TAG and EDI volume tests will be conducted in parallel, using a forecasted order split of 60% - 40% respectively. The PRE-4: TAG Pre Ordering Normal Volume Test will also be conducted in parallel. The Test Cycle Manager will coordinate efforts with BellSouth to ensure that BellSouth's and HP's performance measurement systems is/are prepared to track test transaction performance prior to beginning the Test. Test cycle performance data will also be collected through test management tools and delivered to the O&P Performance Results Comparison Test (O&P-7) and KPMG as inputs to their respective test execution functions.

3.2 Objective

The objective of the EDI/TAG Normal Volume Performance Test is to measure the performance of the EDI and TAG interface under normal projected YE01 transaction loads.

3.3 Entrance Criteria

- Global Entrance Criteria must be satisfied.
- EDI and TAG documentation must be obtained.
- O&P-1: EDI Functional Test and O&P-2: TAG Functional Test must be successfully completed.
- Test transaction tracking strategy must be identified.
- Normal volume level must be defined.
- BellSouth's and HP's performance measurement tracking systems must be prepared to track transactions.
- Certification testing for TTGs must be completed.
- Test scenarios must be selected (refer to Appendix B-3).
- Test cases must be selected.
- BellSouth test-bed customer account data must be loaded.
- Expected result files must be completed.
- Integrated test management tools must be installed and configured.
- Test scripts (transaction content) must be completed and loaded.
- Test case execution must be scheduled.
- Test cycle execution checklist must be created.
- Test logs must have been created and results reporting template completed.
- Account and security access to EDI and TAG must be established.
- EDI and TAG connectivity must be established.

- Test execution team must be staffed, scheduled, and trained.
- Test Plan and evaluation criteria must be defined and approved.

3.4 Test Scope

The scope will address the following sub-processes and functions to evaluate EDI and TAG performance under YE01 normal projected transaction loads.

<i>Test Objective: Volume & Scalability, Performance, and Interface</i> <i>Test Technique: Transaction Processing</i>	
<i>Sub-Process</i>	<i>Function</i>
Submit Orders in Projected Normal Volumes	Create order transaction(s).
	Send order in LSR format.
	Receive acknowledgment.
	Receive FOC or error/reject notification.
	Send transaction response.

Figure V-IV: EDI/TAG Normal Volume Performance Test Scope

3.5 Test Activities

1. Submit EDI/TAG test case transactions according to schedule.
2. Log transaction identifier(s) and submission date/time stamp.
3. Receive transaction responses.
4. Log transaction identifier(s) and receipt date/time stamp.
5. Format transaction response for comparator evaluation.
6. Match transaction response to submitted transaction.
7. Verify that transaction response contains expected results.
8. Flag any exceptions or mismatched responses. (If none, go to step 17.)

9. Review exceptions to identify root cause(s).
10. Report any *Severity 1, 2, and 3* test exceptions.
11. Troubleshoot exceptions and determine resolution procedures.
12. Resolve exceptions in accordance with exception resolution process.
13. Determine if test cycle should continue. (If not, go to step 18.)
14. Take corrective actions.
15. Increment transaction version numbers and resubmit transaction.
16. Log resubmission transaction identifier(s) and date/time stamp. (Go to step 3.)
17. Review comparator results and identify pending/open transaction.
18. Generate test results reports.
19. Calculate and report performance metrics.

3.6 Exit Criteria

- Global Exit Criteria must be satisfied.
- Disaggregated performance metrics report must be completed.
- *Expected versus actual* results report must be completed.
- Exceptions report must be completed.
- Exceptions report due to documentation must be delivered to Document Review Test.
- Post-mortem analysis must be conducted.
- Test cycle results summary report must be created.
- Results summary and formatted data must be delivered to KPMG.
- Disaggregated performance metrics report and raw electronic data must be delivered to O&P Performance Results Comparison Test.

4.0 O&P-4: EDI/TAG Peak Volume Performance Test

4.1 Description

The EDI/TAG Peak Volume Performance Test will evaluate the behavior and performance of both the EDI and TAG interfaces under "peak" YE01 projected transaction load conditions simultaneously. This test cycle will ~~be execute~~ selected flow-through ~~d by TFGs and will utilize a more focused sample of representative pre-ordering (TAG only) and resale and UNE service request test cases, including error conditions.~~ The PRE-5: TAG Pre Ordering Peak Volume Test will be conducted in parallel with this test.

The peak volume forecast will be developed using the peak hourly load identified for the EDI/TAG Normal Volume Performance Test, replicating those transaction volumes across an eight-hour period. Alternatively, if BellSouth's normal daily usage patterns are relatively flat, a multiple may be applied to the peak hourly load and the result replicated across an eight-hour day. The methodology and calculations are discussed further in **Appendix C: Volume Analysis.**

The peak volume test will be executed during two eight-hour periods. LSR loads will again be distributed geographically across multiple Georgia COs to more accurately reflect a realistic peak load operating environment. BellSouth will ensure that customer test accounts are established and configured accordingly.

The test scenarios to be used in the EDI/TAG Peak Volume Performance Test are described in **Appendix B-2: Resale Ordering Scenarios** and **Appendix B-3: UNE Ordering Scenarios.**

The Test Cycle Manager will coordinate efforts with BellSouth to ensure that BellSouth's and HP's performance measurement systems ~~is~~ are prepared to track test transaction performance prior to beginning the Test. Test cycle performance data will also be collected through test management tools and delivered to the O&P Performance Results Comparison Test (O&P-7) and KPMG as inputs to their respective test execution functions.

4.2 Objective

The objective of the EDI/TAG Peak Volume Performance Test is to measure the performance of the EDI and TAG interfaces under peak projected YE01 transaction loads.

4.3 Entrance Criteria

- Global Entrance Criteria must be satisfied.

- EDI and TAG documentation must be obtained.
- ~~O&P 1: EDI Normal Volume Performance Test and O&P 2: TAG Normal Volume Performance Test successfully completed~~ O&P3 EDI/TAG Normal Volume Performance Test must be completed.
- Test transaction tracking strategy must be identified.
- Peak volume level must be defined.
- BellSouth's and HP's performance measurement tracking systems must be prepared to track transactions.
- ~~Certification testing for TTCs completed~~
- Test scenarios must be selected (refer to Appendix B-3).
- Test cases must be selected.
- BellSouth test-bed customer account data must be loaded.
- Expected results files must be completed.
- Integrated test management tools must be installed and configured.
- Test scripts (transaction content) must be completed and loaded.
- Test case execution must be scheduled.
- Test cycle execution checklist must be created.
- Test logs must have been created and results reporting template completed.
- Account and security access to EDI and TAG must be established.
- EDI and TAG connectivity must be established.
- Test execution team must be staffed, scheduled, and trained.
- Test Plan and evaluation criteria must be defined and approved.

4.4 Test Scope

The scope will address the following sub-processes and functions to evaluate EDI/TAG peak performance.

<i>Test Objective: Volume & Scalability, Performance, and Interface</i> <i>Test Technique: Transaction Processing</i>	
<i>Sub-Process</i>	<i>Function</i>
Submit Orders in Projected Peak Volumes	Create order transaction(s).
	Send order in LSR format.
	Receive acknowledgment.
	Receive FOC or error/rejection notification.
	Send transaction response.

Figure V-V: EDI/TAG Peak Volume Performance Test Scope

4.5 Test Activities

1. Submit EDI/TAG test case transactions according to schedule.
2. Log transaction identifier(s) and submission date/time stamp.
3. Receive transaction responses.
4. Log transaction identifier(s) and receipt date/time stamp.
5. Format transaction response for comparator evaluation.
6. Match transaction response to submitted transaction.
7. Verify that transaction response contains expected results.
8. Flag any exceptions or mismatched responses. (If none, go to Step 17.)
9. Review exceptions to identify root cause(s).
10. Report any *Severity 1, 2, and 3* test exceptions.
11. Troubleshoot exceptions and determine resolution procedures.
12. Resolve exceptions in accordance with exceptions resolution process.
13. Determine if test cycle should continue. (If not, go to Step 18.)
14. Take corrective actions.

15. Increment transaction version numbers and resubmit transaction.
16. Log resubmission transaction identifier(s) and date/time stamp. (Go to Step 3.)
17. Review comparator results and identify pending/open transactions.
18. Determine next steps in exceptions resolution process.
19. Generate test results reports.
20. Calculate and report performance metrics.

4.6 Exit Criteria

- Global Exit Criteria must be satisfied.
- Disaggregated performance metrics report must be completed.
- *Expected versus actual* results report must be completed.
- Exceptions report must be completed.
- Exceptions report due to documentation must be delivered to Document Review Test.
- Post-mortem analysis for test cycle must be conducted.
- Test cycle results summary report must be created.
- Results summary and formatted data must be delivered to KPMG.
- Disaggregated performance metrics report and raw electronic data must be delivered to O&P Performance Results Comparison Test.

5.0 O&P-5: Provisioning Verification Test

5.1 Description

The Provisioning Verification Test will evaluate BellSouth's ability to accurately and expeditiously complete the provisioning of service requests placed in both the O&P-1: EDI Functional Test and O&P-2: TAG Functional Test. This analysis will focus on electronically ordered UNEs and involves the physical inspection of BellSouth's provisioning process. In order to test the full functionality of BellSouth's provisioning process, orders will be supplemented and canceled, require outside dispatch, and address customer coordination.

The test scenarios to be used in the Provisioning Verification Test are described in Appendix B-3: UNE Ordering Scenarios.

Test cycle performance data will be collected by an on-site observer and those results will be delivered to the O&P Performance Results Comparison Test (O&P-7) and KPMG as inputs to their respective test execution functions.

5.2 Objective

The objective of the Provisioning Evaluation Test is to evaluate BellSouth's performance in the provisioning of UNEs as described in the Georgia Order.

5.3 Entrance Criteria

- Global Entrance Criteria must be satisfied.
- O&P-1, EDI Functional Test and O&P-2, TAG Functional Test must have been successfully executed.
- LEO Implementation Guides (Volumes 1-4), Local Number Portability Ordering Guide, TAG API Programmers Guide, and Georgia SGAT must have been obtained.
- Test transaction tracking strategy must be identified.
- BellSouth performance measurement tracking system must be prepared to track transactions.
- ~~Two~~ Three carrier OCNs must be obtained for provisioning.
- Test scenarios must be selected. (Refer to Appendix B-3).
- Test transaction tracking data elements must be identified.
- Expected result files must be completed.
- BellSouth test bed must be prepared and customer account data loaded.
- BellSouth test facilities must be available.
- Test management tools must be installed and fully configured.
- Test scripts (transaction content) must be completed and loaded.
- Test case execution must be scheduled.

- Detailed test cycle execution checklist must have been created.
- Test logs must have been created and results reporting templates completed.
- Test execution team must be identified, trained, and scheduled.
- Test Plan and evaluation criteria must be defined and approved.

5.4 Test Scope

The scope will address the following sub-processes and functions to evaluate UNE provisioning.

<i>Test Objective: Functionality and Performance</i> <i>Test Technique: Transaction Processing, Inspection</i>	
<i>Sub-Process</i>	<i>Function</i>
BellSouth Provisioned Service	Receive design documents.
	Establish provisioning date and time.
	Perform joint provisioning activities <u>Perform provisioning activities.</u>
	Perform joint-testing activities.
	Turn up service.

Figure V-VI: Provisioning Verification Test Scope

5.5 Test Activities

1. Analyze FOC for provisioning information.
2. Log all provisioning notifications.
3. Verify provisioning appointment date/time.
4. Meet BellSouth provisioners for appointment.
~~Perform joint provisioning activities.~~

5. Log interactions in provisioning checklist.
6. Perform testing on provisioned services.
7. Log activity completion date/time for provisioning event.
8. Record results in appropriate provisioning log.
9. Flag any exceptions or mismatched responses.
10. Review any exceptions to identify source.
11. Report any *Severity 1, 2, and 3* test exceptions.
12. Generate test results reports.
13. Calculate and report performance metrics.

5.6 Exit Criteria

- Disaggregated performance metrics report and raw electronic data must be delivered to O&P Performance Results Comparison Test.
- Disaggregated performance metrics report must be completed.
- *Expected versus actual* results report must be completed.
- Exceptions count report must be completed.
- Post-mortem analysis for test cycle must be conducted.
- Test cycle summary report must be created.
- Results summary and formatted data must be delivered to KPMG.

~~Disaggregated performance metrics report delivered to O&P Performance Results Comparison Test.~~

6.0 O&P-6: Order Processing Systems Scalability Evaluation

6.1 Description

The Order Processing Systems Scalability Evaluation is a review of the technical architecture and direct maintenance and support processes for the cluster of ordering applications. The technical review will focus on the modularity of the technology architecture, data architecture, and application architecture to assess scalability. The operational review will focus on the work capacity of existing support resources and the number of resources required to maintain the future technology architecture.

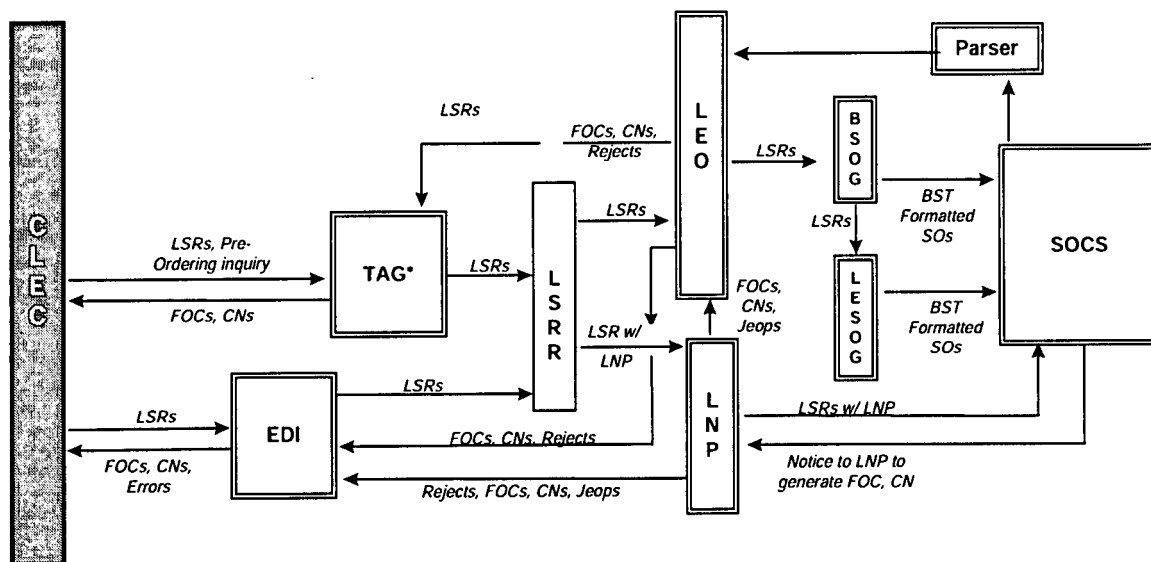


Figure VI-VII: BellSouth's Ordering Network Elements

6.2 Objective

The objective of the Order Processing Systems Scalability Evaluation is to determine the degree to which these applications and associated maintenance and support workforce can scale to accommodate projected YE01 transaction volumes and CLEC users.

6.3 Entrance Criteria

- EDI/TAG technical documentation must be identified and obtained.
- Subsystem design
- Software architecture
- Technology architecture
- Data model
- Data communication architecture.
- Performance metrics must be defined and approved.
- Scalability evaluation matrix must be completed.
- Interview guide/questionnaire must be completed.

- Technical resources must be identified and scheduled for interviews.
- Test Plan and Evaluation criteria must be defined and approved.
- LEO documentation must be obtained.

6.4 Test Scope

The scope will address the following sub-processes and functions to evaluate EDI/TAG scalability.

<i>Test Objective: Volume & Scalability</i> <i>Test Technique: Inspection and Interview</i>	
<i>Sub-Process</i>	<i>Function</i>
EDI/TAG Scalability	Technical architecture modularity
	Operations support resources work capacity

Figure V-VIII: Order Processing Systems Scalability Evaluation Test Scope

6.5 Test Activities

1. Identify all system documentation available for review.
2. Conduct structured review of technical documentation.
3. Conduct interviews with the key development and support personnel.
4. Document findings.
5. Report any *Severity 1, 2, and 3* test exceptions.

6.6 Exit Criteria

- Scalability evaluation matrix must be completed.
- Interviews must be completed and summarized.
- Summary findings documents must be completed.
- Technical evaluations must be completed.
- Operational support evaluations must be completed.

- Results summary and reports must be delivered to KPMG.

7.0 O&P-7: O&P Performance Results Comparison

7.1 Description

The O&P Performance Results Comparison is a comparative analysis of O&P performance results collected by the Test through test management tools and by BellSouth's performance measurement system. The source results collected from O&P-1: EDI Functional Test, O&P-2: TAG Functional Test, O&P-3: EDI/TAG Normal Volume Performance Test, and O&P-4: EDI/TAG Peak Volume Performance Test will be compared to BellSouth's performance measurement systems; variances and trends will be identified; and disparities will be analyzed for significance.

7.2 Objective

The objective of the O&P Performance Results Comparison is to assess the accuracy of BellSouth's wholesale performance metrics results using test transactions.

7.3 Entrance Criteria

- Target O&P performance metrics must be identified.
- The lowest level of BellSouth O&P performance measure tracking must be identified.
- Keys required for BellSouth to separate test transactions must be identified.
- EDI/TAG Functional Tests must be completed with disaggregated performance metrics reports (including raw data in electronic form).
- EDI/TAG Normal and Peak Volume Performance Tests must be completed with disaggregated performance metrics reports (including raw data in electronic form)'
- Performance Metrics must be defined and approved.
- Exceptions reporting process must be defined.
- Exceptions reporting template must have been created.
- Test Plan and evaluation criteria must be defined and approved.
- Guidelines for measuring variances must be defined.

7.4 Test Scope

The scope will address the following sub-processes and functions to compare performance results.

<i>Test Objective: Performance</i> <i>Test Technique: Performance Comparison</i>	
<i>Sub-Process</i>	<i>Function</i>
Percent Rejected Service Requests	Mechanized
Reject Interval	Mechanized
Firm Order Confirmation Timeliness	Mechanized
Percentage of Subsequent Reports	UNE Designed
	UNE Non-Designed
Average Completion Interval	UNE Dispatch
	UNE Non-Dispatch
Order Completion Interval Distribution	UNE Dispatch
	UNE Non-Dispatch
Held Order Interval Distribution and Mean Interval	UNE Dispatch
	UNE Non-Dispatch
Average Jeopardy Notice Interval	UNE Dispatch
	UNE Non-Dispatch
Percentage of Orders Given Jeopardy Notices	UNE Dispatch
	UNE Non-Dispatch
Percent Provisioning Troubles within 30 Days	UNE Dispatch
	UNE Non-Dispatch

<i>Test Objective: Performance</i> <i>Test Technique: Performance Comparison</i>	
<i>Sub-Process</i>	<i>Function</i>
Percent Service Order Accuracy	UNE Dispatch
	UNE Non-Dispatch
Average Completion Notice Interval	UNE Dispatch
	UNE Non-Dispatch

Figure V-IX: O&P Performance Results Comparison Test Scope

7.5 Test Activities

1. Acquire and format BellSouth and test management tools performance data files.
2. Compare disaggregated BellSouth performance results with test management tools performance results.
3. Flag any exceptions in results comparison.
4. Log exceptions in exceptions reporting template.
5. Identify and quantify root cause(s) for variances in results.
6. Troubleshoot exceptions and determine resolution procedure.
7. Resolve exceptions in accordance with the exceptions resolution process.
8. Determine if test cycle should continue.
9. Take corrective action and continue the test cycle.
10. Generate comparative analysis results reports.
11. Report any *Severity 1, 2, and 3* test exceptions.

7.6 Exit Criteria

- Comparative analysis report must be completed.
- Measure variance findings must be documented.
- Test cycle results summary report must be created.

- Results summary and reports must be delivered to KPMG.

8.0 O&P-8: EDI Documentation Evaluation

8.1 Description

The EDI Documentation Evaluation is an analysis of the BellSouth-provided documentation used by CLECs to interface and interact with the EDI interface for ordering and provisioning activities. This evaluation is intended to review the availability, accuracy, and completeness of BellSouth's ordering and provisioning documentation using a variety of operational analysis techniques. This test will receive as input from the O&P-1: EDI Functional Test an exceptions report due to documentation which addresses whether system functionality matches that described in the business rules documentation.

8.2 Objective

The objective of EDI Documentation Evaluation is to assess whether the documentation provided by BellSouth adequately assists CLECs in understanding how to implement and use all of the EDI functions available to them.

8.3 Entrance Criteria

- EDI documentation must be obtained.
- Documentation evaluation checklist must be completed.
- Exception report due to documentation from O&P-1: EDI Functional Test must be obtained.
- Team must be identified, trained, and staffed.
- Test Plan and evaluation criteria must be defined and approved.
- Interview guide/questionnaire must be completed.
- BST and CLEC documentation Order Specialist and User contact information must be provided.
- Process for logging exceptions must be defined and accepted.

8.4 Test Scope

The scope will address the following sub-processes and functions to evaluate EDI documentation.

<i>Test Objective: Documentation</i> <i>Test Technique: Document Review and Interview</i>	
<i>Sub-Process</i>	<i>Function</i>
O&P Documentation	LEO Implementation Guides (Volumes 1-4).
	PC-EDI Training Document.
	Carrier Notifications off the BellSouth website.
	Resale CLEC Activation Requirements.
	Local Number Portability Ordering Guide.

Figure V-X: EDI Documentation Evaluation Test Scope

8.5 Test Activities

1. Obtain relevant documentation needed to carry out business processes related to O&P.
2. Conduct documentation evaluation using documentation evaluation checklist.
3. Conduct interviews with BellSouth documentation specialists.
4. Conduct interviews with CLEC documentation users.
5. Log exceptions noted during Build and Certification Testing.
6. Compile results.
7. Report any *Severity 1 and 2* test exceptions.
8. Report *Severity 3*.

8.6 Exit Criteria

- Documentation checklists must be completed.
- Interview summaries must be completed.

- Exceptions log must be completed.
- Summary evaluation report must be completed.
- Results summary and reports must be delivered to KPMG.

9.0 O&P-9: TAG Documentation Evaluation

9.1 Description

The TAG Documentation Evaluation is an analysis of the BellSouth-provided documentation used by CLECs to interface and interact with the TAG interface for ordering and provisioning activities. This evaluation is intended to review the availability, accuracy and completeness of BellSouth's ordering and provisioning documentation using a variety of operational analysis techniques. This test will receive as input from the O&P-2: TAG Functional Test an exceptions report due to documentation which addresses whether system functionality matches that described in the business rules documentation.

9.2 Objective

The objective of TAG Documentation Evaluation is to assess whether the documentation provided by BellSouth adequately assists CLECs in understanding how to implement and use all of the TAG functions available to them.

9.3 Entrance Criteria

- TAG documentation must be obtained.
- Documentation evaluation checklist must be completed.
- Exceptions report due to documentation from O&P-2 TAG Functional Test must be obtained.
- Team must be identified, trained, and staffed.
- Test Plan and evaluation criteria must be defined and approved.
- Interview guide/questionnaire must be completed for BST & CLEC.
- BST and CLEC documentation Order Specialist and User contact information must be provided.
- Process for logging exceptions must be defined and accepted.

9.4 Test Scope

The scope will address the following sub-processes and functions to evaluate TAG documentation.

<i>Test Objective: Documentation</i> <i>Test Technique: Document Review and Interview</i>	
<i>Sub-Process</i>	<i>Function</i>
O&P Documentation	LEO Implementation Guides (Volumes 1-4).
	TAG API Programmers Guide.
	Carrier Notifications off the BellSouth website.
	Resale CLEC Activation Requirements.
	Local Number Portability Ordering Guide.

Figure V-XI: TAG Documentation Evaluation Test Scope

9.5 Test Activities

1. Obtain relevant documentation needed to carry out business processes related to O&P.
2. Conduct documentation evaluation using documentation evaluation checklist
3. Conduct interviews with BellSouth documentation specialists
4. Conduct interviews with CLEC documentation users
5. Log exceptions noted during Build and Certification Testing.
6. Compile results.
7. Report any *Severity 1, 2, and 3* test exceptions.

9.6 Exit Criteria

- Documentation checklists must be completed.

- Interview summaries must be completed.
- Exceptions log must be completed.
- Summary evaluation report must be complete.
- Results summary and reports must be delivered to KPMG.

VI. Billing Test Section

A. Overview

The purpose of this section is to define the billing tests needed to prove nondiscriminatory access to BellSouth's OSS in order to comply with the Georgia Order and the Act.

B. Scope

The billing test scope is defined by the following test dimensions: interface, test objective, product category, and test technique. The test cycles are based upon those combinations of test dimensions that are required within the scope of the Georgia Order.

<i>Test Cycles</i>	<i>Test Dimensions</i>			
	<i>Interface</i>	<i>Primary Test Objective</i>	<i>Product Category</i>	<i>Test Technique</i>
BLG-1: CRIS/CABS Invoicing Functional Test	CRIS CABS	Functionality	UNE	Transaction Processing
BLG-2: ODUF/ADUF Usage Functional Test	ODUF ADUF	Functionality	UNE	Transaction Processing
BLG-3: Billing Usage Returns Evaluation	ODUF	Functionality	UNE	Inspection
	ADUF		Resale	Interview
				Observation
BLG-4: CRIS/CABS Invoicing Scalability Evaluation	CRIS CABS	Volume & Scalability	UNE	Inspection Interview
BLG-5: ODUF/ADUF Usage Scalability Evaluation	ODUF ADUF	Volume & Scalability	UNE_Resale	Inspection
				Interview

BLG-6: Billing Performance Results Comparison	CRIS CABS ODUF ADUF	Performance	UNE Resale	Performance Comparison
BLG-7: CRIS/CABS Invoicing Documentation Evaluation	CRIS CABS	Documentation	UNE	Document Review
BLG-8: ODUF/ADUF Documentation Evaluation	ODUF ADUF	Documentation	UNE Resale	Document Review

Figure VI-I: Billing Test Cycles

Note: When an interface type or product category is not specified in the test cycle title, it is assumed that all types are incorporated into that particular test cycle.

C. Test Cycles

1.0 BLG-1: CRIS/CABS Invoicing Functional Test

1.1 Description

The CRIS/CABS Invoicing Functional Test will evaluate the functional elements of the carrier invoicing process for UNEs as delivered to CLECs by the CRIS/CABS interface. This test cycle will be executed by placing test calls on those UNE scenarios selected for provisioning as part of the EDI/TAG functional tests (O&P-1 and O&P-2). ~~The calls made on the provisioned lines will generate a detailed invoice.~~ HP or the Test Manager will place calls on provisioned lines to generate usage and invoice detail. The functional elements of UNE invoicing to be specifically targeted by this test include usage and measured rate billing, recurring and non-recurring charges, pro-ration of charges, recording of account configuration changes, adjustments, and accuracy of invoice line-item details delivered by both the CABS/CRIS systems. HP will use process walk-throughs/interviews to ensure quality of internal processes.

The invoicing test cycle will require BellSouth to establish an initial test bed of billed accounts for two OCNs prior to the execution of the O&P functional tests in order to generate a baseline set of invoices. By generating provisioned orders with different OCNs, the test will be able to generate calls between OCNs, thereby creating additional scope coverage for the overall Test, which will be verifiable within BLG-7. Given the long lead times associated with this test, execution will be limited to two billing cycles following the baseline run. This duration should be adequate to drive the applicable test cases through the front-end systems and assess the accuracy and consistency of BellSouth's OSS functionality. BLG-2 will be executed simultaneously to ensure an

accurate comparison between the daily usage feeds and the carrier invoices. BellSouth advises CLECs that daily usage files should not be used to calculate invoices for CLECs.

The Test Cycle Manager will coordinate efforts with BellSouth to ensure that BellSouth's and HP's performance measurement systems ~~is~~ are prepared to track CLECs test transaction performance prior to beginning the Test. Performance data will be collected through test management tools and delivered to the Billing Performance Results Comparison Test (BLG-68) as input to the test execution function report.

All provisioned LSRs will be billed.

The test scenarios associated with the CRIS/CABS Invoicing functional test may be found in **Appendix B-4: Billing Test Scenarios.**

1.2 Objective

The objective of the CRIS/CABS Invoicing Functional Test is to validate the completeness and accuracy of the CRIS/CABS carrier billing and invoicing process in accordance with BellSouth's published specifications.

1.3 Entrance Criteria

- Global Entrance Criteria must be satisfied.
- Detailed Billing guidelines must be obtained from BellSouth.
- Billing invoice delivery mechanisms must be established.
- Test scenarios and cases must be provisioned.
- Test-bed databases ~~loaded~~, including all required previously provisioned accounts in the CRIS/CABS and other related systems must be loaded for Billing.
- BellSouth's and HP's performance measurement tracking systems must be prepared to track test transactions.
- Test case execution must be scheduled.
- Detailed test cycle checklist must have been created.
- Exception reporting process must be defined.
- Test logs must have been created and results reporting template completed.

- Test execution team must be identified, scheduled, and trained before the first bill receipt.
- A portion of the billing scenarios in O&P-1 and O&P-2 must be completed.
- Test Plan and evaluation criteria must be defined and approved.

1.4 Test Cycle Scope

The scope will address the following sub-processes and functions to evaluate CRIS/CABS functionality.

<i>Objective: Functionality</i> <i>Test Technique: Transaction Processing</i>	
<i>Sub Process</i>	<i>Function</i>
Collect Payment	Receive payment.
	Track payment.
	Handle mismatches.
Adjustment	Enter adjustments.
	Track adjustments.
Maintain Bill Balance	Carry balance forward.
	Define billing schedule.
	Define restart and recovery rules.
	Initiate the bill cycle.
Review Bills	Select billing accounts.
	Verify normal recurring charges.
	Verify one-time charges.
	Verify prorated recurring charges.

<i>Objective: Functionality</i> <i>Test Technique: Transaction Processing</i>	
<i>Sub Process</i>	<i>Function</i>
	Verify usage charges.
	Verify adjustments (debits and credits).
	Verify late charges.
	<u>Convert to BDT format.</u>
Balance Cycle	Define balancing and reconciliation procedures.
	Produce control reports.
	Release cycle.
Deliver Bill	Conduct connect direct <u>Deliver bill media.</u>
	<u>Create magnetic tape cartridge.</u>
Maintain Bill History	Maintain billing information.
	Access billing information.
Request resend	<u>Deliver bill media.</u>

Figure VI-II: CRIS/CABS Invoicing Functional Test Scope

1.5 Test Activities

1. Review BellSouth Billing documentation.
2. Using test cases derived from the test scenarios found in **Appendix B.4A**, perform each function listed in the test scope.
3. Assess accuracy of each system function as documented.
4. After executing orders, receive and validate the bills.
5. Capture results.
6. Compare actual results with the expected results.
7. Interview BellSouth Subject Matter Experts to ensure quality of internal processes.
8. Report any *Severity 1, 2, and 3* test exceptions.

1.6 Exit Criteria

- Test activities must be completed.
- Change control must be completed.
- Verification must be completed.
- Data must be captured by testing tool and stored in Data Capture Database.
- Expected results versus actual test case results must be reported.
- Confirmation steps must be completed.
- Test report must be generated.
- Call logs must be completed.

2.0 *BLG-2: ODUF/ADUF Usage Functional Test*

2.1 Description

The Daily Usage File Test will evaluate the functional elements of daily message/usage processing for UNE ports as delivered to CLECs by the ADUF/ODUF interfaces. This test cycle will be executed by HP placing test calls on those UNE port or loop port scenarios selected for provisioning as part of the EDI/TAG functional tests (O&P-1 and O&P-2). The functional elements of daily message/usage processing for UNE ports to be specifically targeted by this test include the completeness and accuracy of the call details across a variety of incoming and outgoing call types, changes in account disposition/configuration, and CO switch types.

The message/usage processing test cycle will require BellSouth to establish an initial test bed of billed accounts prior to the execution of the O&P functional tests in order to generate BellSouth retail customer usage. This test will take place across two billing cycles in order to capture daily usage events that can be compared to the carrier invoices delivered via the CRIS/CABS interfaces.

The Test Cycle Manager will coordinate efforts with BellSouth to ensure that BellSouth's and HP's performance measurement systems is-are prepared to track test transaction performance prior to beginning the test. Test cycle performance data will be collected and delivered to the Billing Performance Results Comparison Test (BLG-86) and the CRIS/CABS Invoicing Functional Test as input to the test execution function.

The test scenarios associated with the Daily Usage File Functional Test may be found in Appendix B-4: Billing Test Scenarios.

2.2 Objective

The objective of the ODUF/ADUF Usage functional test is to assess the accuracy and completeness of the daily usage file message processing capability as described in BellSouth's published specifications.

2.3 Entrance Criteria

- Global Entrance Criteria must be satisfied.
- Detailed Billing guidelines must be obtained from BellSouth.
- Billing usage data delivery mechanisms must be established.
- Test scenarios and cases must be provisioned.
- Test-bed databases, ~~loaded~~ including all required previously provisioned accounts in CRIS/CABS and other related systems must be loaded for Billing.
- BellSouth's and HP's performance measurement tracking systems must be prepared to track test transactions.
- Test case execution must be scheduled.
- Detailed test cycle checklist must have been created.
- ~~Exception reporting process defined.~~
- Test logs must have been created and results reporting template completed.
- Test execution team must be identified, trained and scheduled.
- A portion of the billing scenarios in O&P-1 and O&P-2 must be completed.
- Test Plan and evaluation criteria must be defined and approved.
- Exception reporting process must be defined and developed.
- A list of BST personnel to be interviewed must be acquired.

2.4 Test Cycle Scope

<i>Objective: Functionality</i> <i>Test Technique: Transaction Processing</i>	
<i>Sub-Process</i>	<i>Function</i>
Receipt of Usage by BellSouth	Receive switch records at data center.
	Verify DUF data.
Daily Usage Feed	Create usage feed.
	Define balancing and reconciliation procedures.
	Route usage.
Deliver Usage to CLECs	Send direct connect.
	Acknowledge arrival.
Maintain Usage History	Create usage backup.
	Request backup data.
Status Tracking and Reporting	Track valid usage.
	Account for no usage.
	Account for missing usage (gaps).

Figure VI-IV: ODUF/ADUF Usage Functional Test

2.5 Test Activities

1. Review BellSouth billing documentation.
2. Using test cases derived from the test scenarios found in **Appendix B.4A**, perform each function listed in the test scope.
3. Assess accuracy of each system function as documented. Verify that each system function behaves as documented.
4. Capture results in integrated management tool.
5. Compare actual results with expected results.

6. Interview BellSouth Subject Matter Experts to ensure quality of internal processes.
7. Report any *Severity Level 1, 2, and 3* test exceptions.

2.6 Exit Criteria

- Test activities must be complete.
- Change control must be complete.
- Verification must be completed.
- Data must be captured by Testing Tool and stored in the Data Capture Database.
- Expected results versus actual test case results must be reported.
- Confirmation steps must be completed.
- Call Logs must be completed.
- Test Report must be generated.

3.0 ~~BLC 3: Billing Usage Returns Evaluation~~

3.1 Description

~~The billing usage returns evaluation is an analysis of the procedures and related documentation used by BellSouth to process usage disputes. Returning usage refers to an action taken by a CLECs when usage records received are in dispute.~~

~~When a CLECs believes usage items contain errors, it may initiate a usage claim. ILECs are obligated to resolve the claim by correcting the usage, issuing an adjustment, or rejecting the claim.~~

3.2 Objective

The objective of the billing usage returns evaluation is to evaluate the process by which usage returns are processed and to test the BellSouth processing of test usage returns.

3.3 Entrance Criteria

- ~~—Global entrance criteria satisfied~~
- ~~—Detailed billing guidelines recieved from BellSouth~~
- ~~—Test execution team identified, trained and scheduled~~
- ~~—BLG 1: CRIS/CABS Invoicing Functional Test completed~~
- ~~—BLG 2: ODUF/ADUF Invoicing Functional Test completed~~

3.4 Test Cycle Scope

The scope will address the following sub processes and functions to evaluate billing usage returns.

Objective: Functionality
Test Technique: Inspection and Interview

<i>Sub-Process</i>	<i>Function</i>
Usage Return Process—Usage dispute	BellSouth receives usage record in dispute
	BellSouth sends corrections when necessary
	BellSouth provides item status for all returned records
Usage Return Process—Charge dispute	BellSouth receives usage record in dispute
	BellSouth sends corrections when necessary
	BellSouth provides item status for all returned records

Figure VI V: Billing Usage Returns Evaluation

3.5 Test Activities

1. ~~Conduct interviews for usage returns process analysis~~
2. ~~Execute retrieval of ADUF/ODUF from BellSouth.~~
3. ~~Review usage reports and identify errors to return to BellSouth~~
4. ~~Send returns notification to BellSouth according to required notification procedure~~
5. ~~Request status of usage returns from BellSouth~~
6. ~~Review corrections made by BellSouth:~~
 - ~~—Creation of Cancel Unrated Message Record~~
 - ~~—Creation of Corrected Unrated Message Record~~
 - ~~—Creation of Cancel Billable Message Record~~
 - ~~—Creation of Corrected Billable Message Record~~
7. ~~Escalate returns claim through proper channel and review BellSouth processing~~
8. ~~Review BellSouth reject process~~
9. ~~Report any Severity Level 1, 2, and 3 test exceptions~~

3.6 Exit Criteria

- ~~—Interviews summarized~~
- ~~—Summary findings and conclusions Test activities completed~~
- ~~—Change control completed~~
- ~~—All evaluations completed~~
- ~~—Outputs documented, reviewed and approved~~

- ~~Results summary and formatted data delivered to KPMG~~

4.0 BLG-4: CRIS/CABS Invoicing Scalability Test

4.1 Description

The CRIS/CABS Invoicing Scalability Test is a review of the technical architecture and direct maintenance and support processes for the CRIS/CABS applications. The technical review will focus on the modularity of the technology architecture, data architecture, and application architecture to assess scalability. The operational review will focus on the work capacity of existing support resources and the number of resources required to maintain the future CRIS/CABS technology architecture.

4.2 Objective

The objective of the CRIS/CABS Invoicing Scalability Evaluation is to determine the degree to which the CRIS/CABS applications and associated billing workforce can scale to accommodate projected YE01 transaction volumes.

4.3 Entrance Criteria

- Global Entrance Criteria must be satisfied.
- Detailed billing guidelines must be received from BellSouth.
- Test execution team must be identified, trained, and scheduled.

~~Billing scenarios in O&P 1 and O&P 2 completed.~~

- ~~Receive CRIS/CABS system performance input~~ Input from CRIS/CABS system performance must have been received.
- Test Plan and evaluation criteria must be defined and approved.
- CRIS/CABS YE01 volumes must be defined.

4.4 Test Cycle Scope

The scope will address the following sub-processes and functions to evaluate CRIS/CABS scalability.

<i>Objective: Volume & Scalability</i> <i>Test Technique: Inspection and Interview</i>	
<i>Sub-Process</i>	<i>Function</i>
CRIS/CABS Scalability	Evaluate event collection.
	Evaluate manual processes.
	Evaluate systems.
Manage Capacity Planning	Identify capacity planning procedures.
	Evaluate capacity planning procedures.
	Review staffing plans.

Figure IX-VI: CRIS/CABS Invoicing Scalability Test

4.5 Test Activities

1. Identify all system documentation available for review.
2. Conduct structured review of documentation.
3. Conduct interviews with key development and support personnel.
4. Document findings.
5. Report *Severity 1, 2, and 3* test exceptions.

4.6 Exit Criteria

- Scalability evaluation matrix must be completed.
- Interviews must be summarized.
- Summary findings and conclusions test activities must be completed.
- Change control must be completed.
- All evaluations must be completed.
- Outputs must be documented, reviewed, and approved.
- Results summary and formatted data must be delivered to KPMG.

5.0 *BLG-5: ODUF/ADUF Daily Usage Scalability Evaluation*

5.1 Description

The ODUF/ADUF Daily Usage Scalability Test is a review of the technical architecture and direct maintenance and support processes for the ODUF/ADUF reporting applications. The technical review will focus on the modularity of the technology architecture, data architecture, and application architecture to assess scalability. The operational review will focus on the work capacity of existing support resources and the number of resources required to maintain the future ODUF/ADUF reporting technology architecture.

5.2 Objective

The objective of the ODUF/ADUF Daily Usage Scalability Evaluation is to determine the degree to which the ODUF/ADUF reporting applications and associated billing workforce can scale to accommodate projected YE01 transaction volumes.

5.3 Entrance Criteria

- Global Entrance Criteria must be satisfied.
- Detailed billing guidelines must have been received from BellSouth.
- Test execution team must be identified, trained, and scheduled.

~~Billing scenarios in O&P 1 and O&P 2 completed~~

- CRIS/CABS system performance input must have been received.
- Test Plan and evaluation criteria must have been defined and approved.
- CRIS/CABS YE01 volumes must be defined.

5.4 Test Cycle Scope

The scope will address the following sub-processes and functions to access the feasibility of ODUF/ADUF scalability.

<i>Objective: Volume & Scalability</i> <i>Test Technique: Inspection and Interview</i>	
<i>Sub-Process</i>	<i>Function</i>
ODUF/ADUF Reporting Scalability	Evaluate event collection.
	Receive CRIS/CABS input.
	Evaluate manual processes.
	Evaluate systems.
Manage Capacity Planning	Identify capacity planning procedures.
	Evaluate capacity planning procedures.
	Review staffing plans.

Figure IX-VII: ODUF/ADUF Daily Usage Scalability Evaluation

5.5 Test Activities

1. Identify all system documentation available for review.
2. Conduct structured review of documentation.
3. Conduct interviews with key development and support personnel.
4. Document findings.
5. Report any *Severity 1, 2, and 3* test exceptions

5.6 Exit Criteria

- Interviews must be summarized.
- Summary findings and concluding test activities must be completed.
- Change control must be completed.
- All evaluations must be completed.
- Outputs must be documented, reviewed, and approved.
- Results summary and formatted data must be delivered to KPMG.

6.0 *BLG-6: Billing Performance Results Comparison*

6.1 Description

The Billing Performance Results Comparison is a comparative analysis of billing performance results collected by the test through test management tools and those collected by BellSouth's performance measurement system from BellSouth's OSS. The source results collected from BLG-1: CRIS/CABS Invoicing Functional Test and BLG-2: ODUF/ADUF Usage Functional Test will be compared to performance measures metrics, accuracy and trends will be identified, and disparities will be analyzed for significance. Overall, for consistency testing, four test results sources will be used and compared to ensure BellSouth accuracy:

- Daily usage files ODUF/ADUF
- CRIS/CABS test invoices
- BellSouth's performance measurement system data collected
- Test Call Log.

6.2 Objective

The objective of the billing performance results comparison is to assess the accuracy of BellSouth's wholesale performance metrics results using test transactions.

6.3 Entrance Criteria

- Global Entrance Criteria must be satisfied.
- Detailed billing guidelines must be received from BellSouth.
- Test execution team must be identified, trained, and scheduled.
- Test scenarios in O&PBLG-1 and O&PBLG-2 provisioned must be completed.
- Test Plan and evaluation criteria must be defined and approved.

6.4 Test Cycle Scope

The scope will address the following sub-processes and functions to compare performance results.

<i>Objective: Performance</i> <i>Test Technique: Performance Comparison</i>	
<i>Sub-Process</i>	<i>Function</i>
Invoicing Accuracy	Resale (billed through CRIS) Non-Designed UNE (billed through CRIS). Designed UNE (billed through CABS). Port Usage (billed through CABS).
Invoice Timeliness	Resale (billed through CRIS) Non-Designed UNE (billed through CRIS). Designed UNE (billed through CABS). Port Usage (billed through CABS).
Usage Data Delivery Timeliness	Port Usage Designed UNE (billed through CABS).
Usage Data Delivery Completeness	Port Usage Designed UNE (billed through CABS).
Usage Data Delivery Accuracy	Port Usage Designed UNE (billed through CABS).

Figure VI-VIII: Billing Performance Results Comparison

6.5 Test Activities

1. Acquire and format BellSouth and ~~Build~~ performance data files.
2. Compare disaggregated BellSouth performance results with actual~~Build~~ performance results.
3. Flag any unexplained variance in results comparison.
4. Log any unexplained variance in exceptions reporting template.
5. Identify and quantify root cause(s) for variances in results.
6. Troubleshoot unexplained variances and determine resolution procedure
7. Resolve unexplained variance(s) in accordance with the exception resolution process.
8. Determine if test cycle should continue.
9. Take corrective action and continue the test cycle.
10. Generate comparative analysis results reports.

11. Report any *Severity 1, 2, and 3* test exceptions.

6.6 Exit Criteria

- Comparative analysis report must be completed.
- Measure variance findings must be documented.
- Test cycle results summary report must be created.
- Results summary and formatted data must be delivered to KPMG.

7.0 BLG-7: CRIS/CABS Invoicing Document Evaluation

7.1 Description

The CRIS/CABS Invoicing Documentation Evaluation is an analysis of the documentation used by CLECs to interact with BellSouth's invoicing systems when conducting billing activities. This high level evaluation is intended to review the accuracy and completeness of BellSouth's documentation using a variety of operational analysis techniques. ~~This test will not determine whether system functionality matches functionality described in the documentation.~~ Since there is no direct system interaction with CRIS/CABS, this documentation evaluation will be concerned with analyzing the accuracy of documentation with respect ~~to connectivity to gather reports/invoices; delivery of reports-invoices; and the overall format and contents of the invoices delivered.~~

7.2 Objective

The CRIS/CABS Invoicing Document Evaluation should analyze all aspects of the ability of a CLECs to interact with BellSouth's billing function based on review of the available invoicing process documentation. This evaluation will assess the overall quality and availability of documentation from BellSouth.

7.3 Entrance Criteria

- Global Entrance Criteria must be satisfied.
- Detailed billing guidelines must have been received from BellSouth.
- Test execution team must be identified, trained, and scheduled.
- Billing scenarios in ~~O&P~~PBLG-1 and PBLG-2 must be completed.

- Test Plan and evaluation criteria must be defined and approved.

7.4 Test Cycle Scope

The scope will address the following sub-processes and functions to evaluate CRIS/CABS documentation.

<i>Objective: Documentation</i> <i>Test Technique: Document Review</i>	
<i>Sub-Process</i>	<i>Function</i>
Billing Invoicing Documentation	All BellSouth invoicing standards and procedures documentation.
	Resale Handbook (Billing Sections).
	CLEC Training Guide (Billing Sections).
	Invoicing Online Help.
	Carrier Notification on BellSouth Website.

Figure VI-IX: CRIS/CABS Invoicing Document Evaluation

7.5 Test Activities

1. Obtain relevant documentation needed to carry out business processes related to billing/invoicing.
2. Conduct documentation evaluation using documentation evaluation checklist.
3. Deliver results summary and formatted data to KPMG.
4. Report any *Severity 1, 2, and 3* test exceptions.

7.6 Exit Criteria

- Checklists must be completed.
- Summary evaluation report must be prepared and delivered to KPMG.

8.0 *BLG-78: ODUF/ADUF Documentation Evaluation*

8.1 Description

The ODUF/ADUF Documentation Evaluation is an analysis of the documentation used by CLECs to interact with BellSouth's usage reporting systems when conducting billing activities. This high level evaluation is intended to review the accuracy and completeness of BellSouth's documentation using a variety of operational analysis techniques. ~~This Test will not determine whether system functionality matches functionality described in the documentation.~~ Since there is no direct system interaction with BellSouth's systems in this process, this documentation evaluation will be concerned with analyzing the accuracy of documentation with respect pertaining to connectivity to gather reports usage records; delivery of reports usage records; and the overall format and contents of the daily usage files delivered.

8.2 Objective

The ODUF/ADUF Documentation Evaluation should analyze all aspects of the ability of a CLECs to interact with BellSouth's billing function based on review of the available usage reporting process documentation. This evaluation will assess the overall accuracy and availability of documentation from BellSouth.

8.3 Entrance Criteria

- Global Entrance Criteria must be satisfied.
- Detailed billing guidelines must have been received from BellSouth.
- Test execution team must be identified, trained, and scheduled.
- Billing scenarios in ORD-1 and ORDBLG-2 must be completed.
- Test Plan and evaluation criteria must be defined and approved.

8.4 Test Cycle Scope

The scope will address the following sub-processes and functions to evaluate ODUF/ADUF documentation.

<i>Objective: Documentation</i> <i>Test Technique: Document Review</i>	
<i>Sub-Process</i>	<i>Function</i>
Billing Usage Reporting Documentation	All BellSouth usage reporting standards and procedures documentation.
	Resale Handbook (Billing Sections).
	CLEC Training Guide (Billing Sections).
	Daily Usage File Online Help.
	Carrier Notification on BellSouth Website.

Figure VI-X: ODUF/ADUF Usage Document Evaluation

8.5 Test Activities

1. Obtain relevant documentation needed to carry out business processes related to Billing/Usage reporting.
2. Conduct documentation evaluation using documentation evaluation checklist.
3. Assess the accuracy of results summary.
4. Report and *Severity 1, 2, and 3* test exceptions.

8.6 Exit Criteria

- Checklists must be completed.
- Summary evaluation report must be delivered to KPMG.

VII. Maintenance and Repair Test Section

A. Overview

The purpose of this section is to define the maintenance and repair tests needed to prove nondiscriminatory access to BellSouth's OSS in order to comply with the Georgia Order and the Act.

B. Scope

The maintenance and repair test scope is defined by the following test dimensions: interface, test objective, product category, and test technique. The test cycles are based on those combinations of test dimensions required within the scope of the Georgia Order.

<i>Test Cycle</i>	<i>Test Dimensions</i>			
	<i>Interface</i>	<i>Primary Test Objective</i>	<i>Product Category</i>	<i>Test Technique</i>
M&R-1: TAFI Functional Test	TAFI	Functionality	UNE	Transaction Processing
M&R-2: ECTA Functional Test	ECTA	Functionality	UNE	Transaction Processing
M&R-3: ECTA Normal Volume Performance Test	TAFI	Volume & Scalability	Resale UNE	Transaction Processing
M&R-4: ECTA Peak Volume Performance Test	ECTA	Volume & Scalability	Resale UNE	Transaction Processing
M&R-5: TAFI Scalability Evaluation	TAFI	Volume & Scalability	Resale UNE	Observation Scale
M&R-6: ECTA Scalability Evaluation	ECTA	Volume & Scalability	Resale UNE	Inspection Interview
M&R-7: M&R Performance Results Comparison	TAFI/ ECTA	Performance	Resale UNE	Performance Comparison
M&R-8: TAFI Documentation Evaluation	TAFI	Documentation	Resale UNE	Document Review Interview

<i>Test Cycle</i>	<i>Test Dimensions</i>			
	<i>Interface</i>	<i>Primary Test Objective</i>	<i>Product Category</i>	<i>Test Technique</i>
M&R-9: ECTA Documentation Evaluation	ECTA	Documentation	Resale UNE	Document Review Interview

Note: Since TAFI is in large volume production in BellSouth's retail environment, no volume or peak tests are planned.

Figure VII-I: Maintenance & Repair Test Cycles

C. Test Cycles

1.0 M&R-1: TAFI Functional Test

1.1 Description

The TAFI Functional Test will evaluate the functional elements of the trouble reporting and screening process for telephone number assigned UNEs as delivered to CLECs via the TAFI interface in BellSouth's production environment. This test cycle will be executed by submitting trouble reports against two varieties of test bed accounts (both of which are addressed in Appendix B-5: M&R Scenarios):

- electronically ordered UNE scenarios selected for provisioning as part of the EDI and TAG Functional Tests (O&P-1 and O&P-2), and
- test accounts established by BellSouth primarily for manually ordered UNEs in accordance with scenario descriptions

TAFI functionality will be reviewed along with the documentation addressing its use. The functional elements of TN-based UNE trouble reporting and screening to be specifically targeted by this Test include the entry and resolution of trouble reports, query and receipt of status reports, access to test capabilities, access to trouble history, and error conditions.

This test cycle will address these functions for the full complement of from trouble types as well as for newly installed (primarily) and embedded base customers found in the test cases. As a result, BellSouth will be required to identify or establish a test bed of existing TN-based UNE customer accounts that have been stable (active and without trouble) for a minimum of 30 days prior to initiating the embedded base M&R test cases.

The Test ~~execution~~ Cycle Manager will be coordinated with BellSouth to ensure that BellSouth's and HP's performance measurement systems ~~is-are~~ prepared to track test transaction performance prior to beginning the Test. Test cycle performance data will also be collected through test management tools -and delivered to the M&R Performance Results Comparison Test (M&R-7) and KPMG as inputs to their respective test execution functions.

1.2 Objective

The objective of the TAFI Functional Test is to validate the existence of TAFI trouble reporting and screening functionality for telephone number-assigned UNE customers in accordance with the CLEC TAFI End User Training and User Guide.

1.3 Entrance Criteria

- Global Entrance Criteria must be satisfied.
- A portion of the provisioning ~~billing~~ scenarios in O&P-1 and O&P-2 for the obtrusive, fault introduction portion of the scenarios must be completed.
- CLEC TAFI End-User Training and User Guide must be obtained.
- Test transaction tracking data elements identified. Legacy systems and trouble ticket process flows must be mapped.
- BellSouth's and HP's performance measurements tracking systems tested must be ~~and~~ prepared to track test transactions.
- Test scenarios must be selected. (Refer to Appendix B-5.)
- BellSouth test-bed customer account data must be loaded and verified by Test Manager.
- Expected result files must be completed.
- Test management tools must be installed and fully configured with test account data.
- Integrated test management tools must be installed and configured.
- Test scripts (transaction content) must be completed and loaded.
- Test case execution must be scheduled.
- Detailed test cycle checklist must be created.

- Test logs must have been created and results reporting template completed.
- Account and security access to TAFI must be established .
- TAFI terminal stations must be established and configured.
- TAFI connectivity must be established and tested following BST access and security guidelines.
- Test execution team must be identified, scheduled, and trained (including TAFI trouble resolution process and M&R test tools).
- Test Plan and Evaluation criteria must be defined and approved.
- BST's TAFI system/process documentation for trouble resolution must be obtained.
- Location for TAFI testing must be determined.
- ID's and terminals must be assigned to test team for training and testing.

1.4 Test Cycle Scope

The test scope will address the following sub-processes and functions to evaluate TAFI functionality.

<i>Objective: Functionality, Documentation, Interface</i> <i>Test Technique: Transaction Processing</i>	
<i>Sub-Process</i>	<i>Function</i>
<u>Introduce fFaults</u>	<u>Create faults where appropriate.</u>
Trouble Reports	Create trouble report.
	Modify trouble report.
	Create repeat report.
	Create subsequent report.
	Retrieve LMOS recent status report.

<i>Objective: Functionality, Documentation, Interface</i> <i>Test Technique: Transaction Processing</i>	
<i>Sub-Process</i>	<i>Function</i>
Access to Test Capability	Initiate port and loop-port test.
	View port and loop-port test results.
	Obtain customer line record.
	Obtain predictor results.
	View DLR (Display Line Record).
	View SOCS pending order (open issue).
	Close trouble report.
	Cancel trouble report.
Access Error Reports	Reset communications.
	Host request errors.
Trouble History	Retrieve trouble history.
Trouble Status	View pending ticket status.

Figure VII-II: TAFI Functional Test Scope

1.5 Test Activities

1. Review detailed test cycle checklist to ensure that all activities are addressed.
2. Assign TAFI Ids and assign terminals for testing.
3. Submit TAFI test case transactions according to schedule.
4. Log transaction identifier(s) and submission date/time stamp.
5. Receive transaction responses.
6. Log transaction identifier(s) and receipt date/time stamp.
7. Format transaction response for comparator evaluation.

8. Match transaction response to original transaction.
9. Verify that transaction response contains expected results.
10. Flag any exceptions or mismatched responses.
11. Review any exceptions to identify source.
12. Report any *Severity 1, 2, and 3* test exceptions.
13. Log exceptions in exception reporting template.
14. Troubleshoot exceptions and determine resolution procedures.
15. Resolve exceptions in accordance with the exception resolution process.
16. Determine if test cycle should continue. (If not, go to step 20.)
17. Take corrective actions, resubmit transaction(s) and update test scenario and/or test case documents.
18. Increment transaction version numbers and resubmit transaction.
19. Log resubmission transaction identifier(s) and submission date/time stamp.
20. Review comparator results and identify pending/open transactions.
21. Determine next steps in exception resolution process.
22. Generate test results reports.
23. Calculate and report performance metrics.

1.6 Exit Criteria

- Global Exit Criteria must be satisfied.
- Disaggregated performance metrics report must be completed.
- *Expected versus actual* results report must be completed.
- Exceptions count report must be completed.
- Exception report due to documentation must be delivered to TAFI Documentation Evaluation Test.
- Post-mortem analysis for test cycle must be conducted.
- Test cycle summary report must be created.
- Results summary and formatted data must be delivered to KPMG.
- Disaggregated performance metrics report and raw electronic data must be delivered to M&R Performance Results Comparison Test.

2.0 M&R-2: ECTA Functional Test

2.1 Description

The ECTA Functional Test will evaluate the functional elements of the trouble reporting and screening process for both telephone number assigned and circuit identified UNEs as delivered to CLECs via the ECTA interface. This test cycle will be executed by submitting trouble reports against two varieties of test-bed accounts (both of which are addressed in Appendix B-5: M&R Scenarios):

- electronically ordered UNE scenarios selected for provisioning as part of the EDI and TAG Functional Tests (O&P-1 and O&P-2), and
- test accounts established by BellSouth primarily for manually ordered UNEs in accordance with scenario descriptions

ECTA functionality will be reviewed ~~along in conjunction with~~ of the documentation addressing its use. The functional elements of TN-based and circuit identified UNE trouble reporting and screening to be specifically targeted by this test include the entry and resolution of trouble reports, the query and receipt of status reports, and error conditions. The ECTA Functional Test will be conducted against BellSouth's production environment system.

This test cycle will address these functions ~~for the full complement of~~ from trouble types ~~as well as for newly installed (primarily) and embedded base customers found in the test cases.~~ As a result, BellSouth will be required to identify or establish a test bed of existing TN-based and circuit-identified UNE customer accounts that have been stable (active and without trouble) for a minimum of 30 days prior to initiating the embedded base M&R test cases.

The ~~Test Team Cycle Manager~~ will coordinate efforts with BellSouth to ensure that BellSouth's and HP's performance measurement systems ~~is~~ are prepared to track Build test transaction performance prior to beginning the Test. Test cycle performance data will be collected at the Build and delivered to the M&R Performance Results Comparison Test (M&R-7) and the Approval Team as inputs to their respective test execution functions.

2.2 Objective

The objective of the ECTA Functional Test is to validate the existence of ECTA trouble reporting and screening functionality for both telephone number assigned and circuit identified UNE customers in accordance with BellSouth's published specifications.

2.3 Entrance Criteria

- Global Entrance Criteria must be satisfied.

- A portion of the provisioning scenarios in O&P-1 and O&P-2 for the obtrusive, fault introduction portion of the scenarios must be completed.
- ECTA documentation must be obtained.
- Test transaction tracking data elements identified. Legacy systems and trouble ticket process flows must be mapped.
- BellSouth's and HP's performance measurements tracking systems tested must be prepared to track test transactions.
- Test scenarios must be selected. (Refer to **Appendix B-5**.)
- BellSouth test-bed customer account data must be loaded and verified by Test Manager.
- Expected result files must be completed.
- Test management tools must be installed and fully configured with test account data.
- Integrated test management tool must be installed and configured.
- Test scripts (transaction content) must be completed and loaded.
- Test case execution must be scheduled.
- Detailed test cycle checklist must be created.
- Test logs must have been created and results reporting template completed.
- Account and security access to ECTA must be established.
- ECTA terminals must be established and configured.
- ECTA connectivity must be established and tested following BST access and security guidelines.
- Test execution team must be identified, scheduled, and trained (including ECTA trouble resolution process and M&R test tools:).
- Test Plan and evaluation criteria must be defined and approved.
- BST's ECTA system/process documentation for trouble resolution must be obtained.

- Location for ECTA testing must be determined.
- IDs and terminal must be assigned to test team for training and testing.

2.4 Test Cycle Scope

The test scope will address the following sub-processes and functions to evaluate ECTA functionality.

<i>Objective: Functionality</i> <i>Test Technique: Transaction Processing</i>	
<i>Sub-Process</i>	<i>Function</i>
<u>Introduce Faults</u>	<u>Create faults where appropriate.</u>
Trouble Reports	Create trouble report.
	Modify trouble report.
	Create repeat report.
	Create subsequent report.
	Retrieve LMOS recent status report: TN troubles (<u>WFALMOS</u>).
	Retrieve <u>LMOS-WFA</u> recent status report : ckt id (<u>LMOSWFA</u>).
Access to Test Capability	Initiate port and loop-port test.
	View port and loop-port test results.
	Close trouble report.
	Cancel trouble report.
Error Reports	Receive error response.
	Reset communications.
	Host request errors.
Trouble Status	Retrieve pending ticket status.

Figure VII-III: ECTA Functional Test Scope

2.5 Test Activities

1. Review detailed test cycle checklist to ensure that all activities are addresses.
2. Assign ECTA Ids and assign terminals for testing.
3. Submit ECTA test case transactions according to schedule.
4. Log transaction identifier(s) and submission date/time stamp.
5. Receive transaction responses.
6. Log transaction identifier(s) and receipt date/time stamp.
7. Format transaction response for comparator evaluation.
8. Match transaction response to original transaction.
9. Verify that transaction response contains expected results.
10. Flag any exceptions or mismatched responses.
11. Review any exceptions to identify source.
12. Report any *Severity 1, 2, and 3* test exceptions.
13. Log exceptions in exception reporting template.
14. Troubleshoot exceptions and determine resolution procedures.
15. Resolve exceptions in accordance with exception resolution process.
16. Determine if test cycle should continue. (If not, go to step 20.)
17. Take corrective actions, resubmit transaction(s), and update test scenario and/or test case documents.
18. Increment transaction version numbers and resubmit transaction.
19. Log resubmission transaction identifier(s) and submission date/time stamp
20. Review comparator results and identify pending/open transactions.
21. Determine next steps in exception resolution process.
22. Generate test results reports.
23. Calculate and report performance metrics.

2.6 Exit Criteria

- Global Exit Criteria must be satisfied.
- Disaggregated performance metrics report must be completed.
- *Expected versus actual* results report must be completed.
- Exceptions count report must be completed.
- Exceptions report due to documentation must be delivered to ECTA Documentation Evaluation Test.
- Post-mortem analysis for test cycle must be conducted.
- Test cycle summary report must be created.
- Results summary and formatted data must be delivered to KPMG.
- Disaggregated performance metrics report and raw data must be delivered to M&R Performance Results Comparison Test.

3.0 M&R-3: ECTA Normal Volume Performance Test

3.1 Description

The ECTA Normal Volume Performance Test will evaluate the behavior and performance of the ECTA interface under "normal" YE01 projected transaction load conditions. This test cycle will be executed by a test transaction generator capable of submitting large volumes of ~~selected flow-thru~~ resale services and UNE trouble test cases in a manner consistent with ECTA's current and forecasted daily usage patterns and transaction mix, including error conditions.

The normal volume forecast will be developed across BellSouth's entire nine-state region (not Georgia only) as described in **Appendix C: Volume Analysis**. The Test will be executed during two ten-hour periods by modeling the expected normal daily usage (e.g., the off-peak nighttime hour loads will be ignored for the Test). Trouble transaction loads will be distributed geographically across multiple Georgia COs to more accurately reflect a realistic operating environment. BellSouth will ensure that customer test accounts are established and configured accordingly.

The test scenarios to be used in the ECTA Normal Volume Performance Test are described in **Appendix B-5: M&R Scenarios**.

The Test Cycle Manager will coordinate efforts with BellSouth to ensure that BellSouth's and HP's performance measurement systems ~~is~~ are prepared to track Build test

transaction performance prior to beginning the Test. Test cycle performance data will be collected at the Build and delivered to the M&R Performance Results Comparison Test (M&R-7) and the Approval Team as inputs to their respective test execution functions.

3.2 Objective

The objective of the ECTA Normal Volume Performance Test is to measure the performance of the ECTA interface under normal projected YE01 transaction loads.

3.3 Entrance Criteria

- Global Entrance Criteria must be satisfied.
- M&R-2: ECTA Functional Test must be successfully completed.
- Test transaction tracking data elements must be identified.
- Normal volume level must be defined.
- BellSouth's and HP's performance measurements tracking systems must be prepared to track transactions.
- ~~100% successful~~ Successful certification testing for TTG must be completed.
- Test scenarios must be selected. (Refer to Appendix B-5.)
- BellSouth test-bed customer account data must be loaded and verified by Test Manager.
- Expected result files must be completed.
- Test management tools must be installed and fully configured with test account data.
- Integrated test management tool must be installed and configured.
- Test scripts (transaction content) must be completed and loaded.
- Test case execution must be scheduled.
- Detailed test cycle checklist must be created.
- Test logs must have been created and results reporting template completed.
- Account and security access to ECTA must be established.

- ECTA test tools must be configured.
- ECTA connectivity must be established and tested following BST access and security guidelines.
- Test execution team must be identified, scheduled, and trained (including ECTA trouble resolution process and M&R test tools:).
- Test Plan and evaluation criteria must be defined and approved.
- BST's ECTA system/process documentation for trouble resolution must be obtained.
- Exception reporting process must have been completed and forms must be developed.
- Location for ECTA testing must be determined.
- IDs and terminal must be assigned to test team for training and testing.

3.4 Test Cycle Scope

The test scope will address the following sub-processes and functions to evaluate ECTA normal performance.

<i>Objective: Functionality, Volume & Scalability, and Interface</i> <i>Test Technique: Transaction Processing</i>	
<i>Sub-Process</i>	<i>Function</i>
Submit Trouble Transactions in Projected Normal Volumes	Create trouble report.
	Modify trouble report.
	Retrieve LMOS recent status report: -TN troubles (<u>WFALMOS</u>).
	Retrieve LMOS-WFA recent status report: -CKT ID troubles (<u>LMOSWFA</u>).
	Receive error response.

<i>Objective: Functionality, Volume & Scalability, and Interface</i>	
<i>Test Technique: Transaction Processing</i>	
<i>Sub-Process</i>	<i>Function</i>
	Reset communications.
	Host request errors.
	Retrieve pending ticket status.

Figure VII-IV: ECTA Normal Volume Performance Test Scope

3.5 Test Activities

1. Review detailed test cycle checklist to ensure that all activities are addressed.
2. Assign ECTA Ids and assign terminals for testing.
3. Submit ECTA test case transactions according to schedule.
4. Log transaction identifier(s) and submission date/time stamp.
5. Receive transaction responses.
6. Log transaction identifier(s) and receipt date/time stamp.
7. Format transaction response for comparator evaluation.
8. Match transaction response to original transaction.
9. Verify that transaction response contains expected results.
10. Flag any exceptions or mismatched responses.
11. Review any exceptions to identify source.
12. Report any *Severity 1, 2, and 3* test exceptions.
13. Log exceptions in exception reporting template.
14. Troubleshoot exceptions and determine resolution procedures.
15. Resolve exceptions in accordance with exception resolution process.
16. Determine if test cycle should continue. (If not, go to step 20.)
17. Take corrective actions and resubmit transaction(s), resubmit transaction(s) and update test scenario and/or test case documents.
18. Increment transaction version numbers and resubmit transaction.
19. Log resubmission transaction identifier(s) and submission date/time stamp.

20. Review comparator results and identify pending/open transactions.
21. Determine next steps in exception resolution process.
22. Generate test results reports.
23. Calculate and report performance metrics.

3.6 Exit Criteria

- Global Exit Criteria must be satisfied.
- Disaggregated performance metrics report must be completed.
- *Expected versus actual* results report must be completed.
- Exceptions count report must be completed.
- Exceptions report due to documentation must be delivered to ECTA Documentation Evaluation Test.
- Post-mortem analysis for test cycle must be conducted.
- Test cycle summary report must be created.
- Results summary and formatted data must be delivered to KPMG.
- Disaggregated performance metrics report and raw electronic data must be delivered to M&R Performance Results Comparison Test.

4.0 M&R-4: ECTA Peak Volume Performance Test

4.1 Description

The ECTA Peak Volume Performance Test will evaluate the behavior and performance of the ECTA interface under peak YE01 projected transaction load conditions. This test cycle will be run following the execution of the ECTA Normal Volume Performance Test (M&R-3) and will utilize a ~~more focused sample of representative~~ resale services and UNE trouble test cases, including error conditions.

The peak volume forecast will be developed using the peak hourly load identified for the ECTA Normal Volume Performance Test and replicating those transaction volumes across an eight-hour period. Alternatively, if BellSouth's normal daily usage patterns are relatively flat, a multiple may be applied to the peak hourly load and the result replicated across an eight-hour day. The methodology and calculations are discussed further in **Appendix C: Volume Analysis**.

The peak volume test will be executed during two separate eight-hour periods. Trouble transaction loads will again be distributed geographically across multiple Georgia COs to more accurately reflect a realistic peak load operating environment. BellSouth will ensure that customer test accounts are established and configured accordingly.

The test scenarios to be used in the ECTA Peak Volume Performance Test are described in **Appendix B-5: M&R Scenarios**.

The Test Cycle Manager will coordinate efforts with BellSouth to ensure that BellSouth's and HP's performance measurement systems ~~is~~ are prepared to track Build test transaction performance prior to beginning the Test. Test cycle performance data will be collected at the Build and delivered to the M&R Performance Results Comparison Test (M&R-7) and the Approval Team as inputs to their respective test execution functions.

4.2 Objective

The objective of the ECTA Peak Volume Performance Test is to measure the performance of the ECTA interface under peak projected YE01 transaction loads.

4.3 Entrance Criteria

- Global Entrance Criteria must be satisfied.
- M&R-23: ECTA ~~Functional~~ Normal Volume Test must be successfully completed.
- Test transaction tracking data elements must be identified.
- Peak level volume must be defined.
- BellSouth's and HP's performance measurements tracking systems must be prepared to track transactions.
- 100% sSuccessful certification testing for ECTA test tools must be completed.
- Test scenarios must be selected. (Refer to **Appendix B-5**.)
- BellSouth test-bed customer account data must be loaded and verified by the Test Manager.
- Expected result files must be completed.
- Test management tools must be installed and fully configured with test account data.

- Integrated test management tool must be installed and configured.
- Test scripts (transaction content) must be completed and loaded.
- Test case execution must be scheduled.
- Detailed test cycle checklist must be created.
- Test logs must have been created and results reporting template completed.
- Account and security access to ECTA must be established.
- ECTA test tools must be configured and tested following BST access and security guidelines.
- ECTA connectivity must be established.
- Test execution team must be identified, scheduled, and trained (including ECTA trouble resolution process and M&R test tools:).
- Test Plan and evaluation criteria must be defined and approved.
- BST's ECTA system/process documentation for trouble resolution must be obtained.
- Location for ECTA testing must be determined.
- IDs and terminal must be assigned to test team for training and testing.

4.4 Test Cycle Scope

The test scope will address the following sub-processes and functions to evaluate ECTA peak performance.

<i>Objective: Functionality, Volume & Scalability, and Interface</i>	
<i>Test Technique: Transaction Processing</i>	
<i>Sub-Process</i>	<i>Function</i>
Submit Trouble Transactions in Projected Normal Volumes	Create trouble report.

<i>Objective: Functionality, Volume & Scalability, and Interface Test Technique: Transaction Processing</i>	
<i>Sub-Process</i>	<i>Function</i>
	Modify trouble report.
	Retrieve LMOS recent status report: TN troubles (WFA)(LMOS).
	Retrieve LMOS-WFA recent status report: CKT ID troubles (LMOS)(WFA).
	Receive error response.
	Reset communications.
	Host request errors.
	Retrieve pending ticket status.

Figure VII-V: ECTA Peak Volume Performance Test Scope

4.5 Test Activities

1. Review detailed test cycle checklist to ensure that all activities are addressed.
2. Assign ECTA Ids and assign terminals for testing.
3. Submit ECTA test case transactions according to schedule.
4. Log transaction identifier(s) and submission date/time stamp.
5. Receive transaction responses.
6. Log transaction identifier(s) and receipt date/time stamp.
7. Format transaction response for comparator evaluation.
8. Match transaction response to original transaction.
9. Verify that transaction response contains expected results.
10. Flag any exceptions or mismatched responses.
11. Review any exceptions to identify source.
12. Report any *Severity 1, 2, and 3* test exceptions.

13. Log exceptions in exception reporting template.
14. Troubleshoot exceptions and determine resolution procedures.
15. Resolve exceptions in accordance with exception resolution process.
16. Determine if test cycle should continue. (If not, go to step 20.)
17. Take corrective actions and resubmit transaction(s), resubmit transaction(s), and update test scenario and/or test scenario and/or test case documents.
18. Increment transaction version numbers and resubmit transaction.
19. Log resubmission transaction identifier(s) and submission date/time stamp.
20. Review comparator results and identify pending/open transactions.
21. Determine next steps in exception resolution process.
22. Generate test results reports.
23. Calculate and report performance metrics.

4.6 Exit Criteria

- Global Exit Criteria must be satisfied.
- Disaggregated performance metrics report must be completed.
- *Expected versus actual* results report must be completed.
- Exceptions count report must be completed.
- Exceptions report due to documentation must be delivered to ECTA Documentation Evaluation Test.
- Post-mortem analysis for test cycle must be conducted.
- Test cycle summary report must be created.
- Results summary and formatted data must be delivered to KPMG.
- Disaggregated performance metrics report and raw electronic data must be delivered to M&R Performance Results Comparison Test.

5.0 M&R-7: TAFI Scalability Evaluation

5.1 Description

The TAFI Scalability Evaluation is a review of the technical architecture and direct maintenance and support processes for the TAFI application. The technical review will focus on the modularity of the technology architecture, data architecture, and application architecture to assess scalability. The operational review will focus on the work capacity of existing support resources and the number of resources required to maintain the future TAFI technology architecture.

5.2 Objective

The objective of the TAFI Scalability Evaluation is to determine the degree to which the TAFI application and the associated maintenance and support workforce can scale to accommodate projected YE01 transaction volumes and CLEC users.

5.3 Entrance Criteria

- Global Entrance Criteria must be satisfied.
- TAFI technical documentation must be identified and obtained:
 - Subsystem design
 - Software architecture
 - Technology architecture
 - Data model
 - Data communication architecture.
- Scalability evaluation matrix must be completed.
- Interview guide/questionnaire must be completed.
- Technical resources must be identified and scheduled for interviews.
- Test Plan and evaluation criteria must be defined and approved.

5.4 Test Cycle Scope

The test scope will address the following sub-processes and functions to evaluate TAFI scalability.

<i>Objective: Volume & Scalability</i> <i>Test Technique: Inspection and Interview</i>	
<i>Sub-Process</i>	<i>Function</i>
TAFI Scalability	Evaluate technical architecture.
	Evaluate operations support resources.

Figure VI-VI: TAFI Scalability Test Scope

5.5 Test Activities

1. Identify all system documentation available for review.
2. Conduct structured review of technical documentation.
3. Conduct interviews with key development and support personnel.
4. Document findings.
5. Report all *Severity 1, 2, and 3* test exceptions.

5.6 Exit Criteria

- Global Exit Criteria must be satisfied.
- Scalability evaluation matrix must be completed.
- Interviews must be completed and summarized.
- Summary findings document must be completed.
- Technical evaluations must be completed.
- Operational support evaluations must be completed.
- Results summary and reports must be delivered to KPMG.

6.0 M&R-6: ECTA Volume & Scalability Evaluation

6.1 Description

The ECTA Scalability Evaluation is a review of the technical architecture and direct maintenance and support processes for the ECTA application. The technical review will focus on the modularity of the technology architecture, data architecture, and application architecture to assess scalability. The operational review will focus on the work capacity

of existing support resources and the number of resources required to maintain the future ECTA technology architecture.

6.2 Objective

The objective of the ECTA Scalability Evaluation is to determine the degree to which the ECTA application and the associated maintenance and support workforce can scale to accommodate projected YE01 transaction volumes and CLEC users.

6.3 Entrance Criteria

- Global Entrance Criteria must be satisfied.
- ECTA technical documentation must be identified and obtained:
 - Subsystem design
 - Software architecture
 - Technology architecture
 - Data model
 - Data communication architecture
- Scalability evaluation matrix must be completed.
- Interview guide/questionnaire must be completed.
- Technical resources must be identified and scheduled for interviews.
- Test Plan and evaluation criteria must be defined and approved.

6.4 Test Cycle Scope

The test scope will address the following sub-processes and functions to evaluate ECTA scalability.

<i>Objective: Volume & Scalability</i> <i>Test Technique: Inspection and Interview</i>	
<i>Sub-Process</i>	<i>Function</i>
ECTA Scalability	Evaluate technical architecture.

<i>Objective: Volume & Scalability</i> <i>Test Technique: Inspection and Interview</i>	
<i>Sub-Process</i>	<i>Function</i>
	Evaluate operations support resources.

Figure VII-VII: ECTA Scalability Evaluation Test Scope

6.5 Test Activities

1. Identify all system documentation available for review.
2. Conduct structured review of technical documentation.
3. Conduct interviews with key development and support personnel.
4. Document reviews.
5. Report all *Severity 1, 2, and 3* test exceptions.

6.6 Exit Criteria

- Global Exit Criteria must be satisfied.
- Scalability evaluation matrix must be completed.
- Interviews must be completed and summarized.
- Summary findings document must be completed.
- Technical evaluations must be completed.
- Operational support evaluations must be completed.
- Results summary and reports must be delivered to KPMG.

7.0 M&R-7: M&R Performance Results Comparison

7.1 Description

The M&R Performance Results Comparison is a comparative analysis of M&R performance results collected by the Test at the Build and those collected by BellSouth's performance measurement systems from BellSouth's OSS. The source results collected from M&R-1: TAFI Functional Test, M&R-2: ECTA Functional Test, M&R-3: ECTA Normal Volume Performance Test, and M&R-4: ECTA Peak Volume Performance Test

will be compared to BellSouth's performance measurement systems metrics; variances and trends will be identified; and disparities will be analyzed for significance.

7.2 Objective

The objective of the M&R Performance Results Comparison is to assess the accuracy of BellSouth's wholesale performance metrics results using Build test transactions.

7.3 Entrance Criteria

- Global Entrance Criteria must be satisfied.
- Target M&R performance metrics must be identified.
- The lowest level of BellSouth M&R performance measure tracking must be identified.
- Keys required for BellSouth to separate Build transactions must be identified.
- TAFI/ECTA Functional Tests must be completed with disaggregated performance metrics reports (including raw data in electronic form).
- Functional tests will include faults.
- ECTA Normal and Peak Volume Performance Tests must be completed with disaggregated performance metrics reports (including raw data in electronic form)
- Test Plan and evaluation criteria must be defined and approved.

7.4 Test Cycle Scope

The test scope will address the following sub-processes and functions to compare performance results.

<i>Objective: Performance</i> <i>Test Technique: Performance Comparison</i>	
<i>Sub-Process</i>	<i>Function</i>
Missed Repair Appointment	UNE Designed.
	UNE Non-Designed.

<i>Objective: Performance</i> <i>Test Technique: Performance Comparison</i>	
<i>Sub-Process</i>	<i>Function</i>
Percentage of Subsequent Reports	UNE Non-Designed.
Maintenance Average Duration	UNE Designed.
Out of Service > 24 Hours	UNE Non-Designed.
Repeat Troubles within 30 Days	UNE Designed.
OSS Response Interval	UNE Non-Designed.
Average Answer Time	UNE Designed.
	UNE Non-Designed.

Figure VII-VIII: M&R Performance Results Comparison Test Scope

7.5 Test Activities

1. Acquire and format BellSouth performance data files.
2. Compare disaggregated BellSouth performance results with Build performance results.
3. Flag any unexplained variance(s) in results comparison.
4. Log unexplained variances in exceptions reporting template.
5. Identify and quantify root cause(s) for variances in results.
6. Report any *Severity 1, 2, and 3* test exceptions.
7. Troubleshoot unexplained variances and determine resolution procedure.
8. Resolve unexplained variances in accordance with the exception resolution process.

9. Determine if test cycle should continue.
10. Take corrective action and continue the test cycle.
11. Generate comparative analysis results reports.

7.6 Exit Criteria

- Global Exit Criteria must be satisfied.
- Comparative analysis report must be completed.
- Measure variance findings must be documented.
- Test cycle results summary report must be created.
- Results summary and reports must be delivered to KPMG.

8.0 M&R-8: TAFI Documentation Evaluation

8.1 Description

The TAFI Documentation Evaluation is an analysis of the BellSouth-provided documentation used by CLECs to interface and interact with the TAFI interface for maintenance and repair activities. This evaluation is intended to review the quality, accuracy, and completeness of BellSouth's maintenance and repair documentation using a variety of operational analysis techniques. This Test uses records of observations from M&R-1: TAFI Functional Test and CLEC TAFI End User Training Manuals to identify exceptions in documentation and functionality will receive as input from the M&R-1: TAFI Functional Test an exceptions report due to documentation which addresses whether system functionality matches that described in the business rules documentation.

8.2 Objective

The objective of TAFI Documentation Evaluation is to assess whether the documentation provided by BellSouth adequately assists CLECs to understand how to implement and use all of the TAFI functions available to them.

8.3 Entrance Criteria

- Global Entrance Criteria must be satisfied.
- TAFI documentation must be obtained.
- Documentation evaluation checklist must be completed.

- Exceptions report due to documentation from M&R-1: TAFI Functional Test must be obtained.
- Execution team must be identified, trained, and staffed.
- Test Plan and evaluation criteria must be defined and approved.

8.4 Test Cycle Scope

The test scope will address the following sub-processes and functions to evaluate TAFI documentation

<i>Objective: Documentation</i>	
<i>Test Technique: Document Review and Interview</i>	
<i>Sub-Process</i>	<i>Function</i>
M&R Documentation	CLEC TAFI End-User Training and User Guide.
	CLEC Training Guide (M&R Sections).
	TAFI Online Help.
	Carrier Notifications on BellSouth's website.

Figure VII-IX: TAFI Documentation Evaluation Test Scope

8.5 Test Activities

1. Obtain relevant documentation needed to carry out business processes related to M&R.
2. Conduct documentation evaluation using documentation evaluation checklist.
3. Conduct interviews with BellSouth documentation specialists.
4. Conduct interviews with CLEC documentation users.
5. Log exceptions noted during test tool implementation and Certification Testing.
6. Compile results.

8.6 Exit Criteria

- Global Exit Criteria must be satisfied.

- Documentation checklists must be completed.
- Interview summaries must be completed.
- Exception log must be completed.
- Summary evaluation report must be completed.
- Results summary and reports must be delivered to KPMG.

9.0 M&R-9: ECTA Documentation Evaluation

9.1 Description

The ECTA Documentation Evaluation is an analysis of the BellSouth-provided documentation used by CLECs to interface and interact with the ECTA interface for maintenance and repair activities. This evaluation is intended to review the quality, accuracy and completeness of BellSouth's maintenance and repair documentation using a variety of operational analysis techniques. This Test will use records of observations from receive as input from the M&R-2: ECTA Functional Test, M&R-3: ECTA Normal Volume Performance Test, and M&R-4: ECTA Peak Volume Performance Test and CLEC ECTA End User Joint Implementation Agreement (JIA) to identify exceptions in documentation and functionality described in ~~exceptions reports due to documentation which address whether system functionality matches that described in the~~ the business rules documentation.

9.2 Objective

The objective of the ECTA Documentation Evaluation is to assess whether the documentation provided by BellSouth adequately assists CLECs to understand how to implement and use all of the ECTA functions available to them.

9.3 Entrance Criteria

- Global Entrance Criteria must be satisfied.
- ECTA documentation must be obtained.
- Documentation evaluation checklist must be completed.
- Exceptions report due to documentation from M&R-2: ECTA Functional Test must be obtained.
- Execution team must be identified, trained, and staffed.
- Test Plan and evaluation criteria must be defined and approved.

9.4 Test Cycle Scope

The test scope will address the following sub-processes and functions to evaluate ECTA documentation.

<i>Objective: Documentation</i> <i>Test Technique: Document Review and Interview</i>	
<i>Sub-Process</i>	<i>Function</i>
M&R Documentation	CLEC ECTA End-User Training and User Guide.
	CLEC Training Guide (M&R Sections).
	ECTA Online Help.
	Carrier Notifications.

Figure VII-X: ECTA Documentation Evaluation Test Scope

9.5 Test Activities

1. Obtain relevant documentation needed to carry out business processes related to M&R.
2. Conduct documentation evaluation using documentation evaluation checklist.
3. Conduct interviews with BellSouth documentation specialists.
4. Conduct interviews with CLEC documentation users.
5. Log exceptions noted during test tool implementation and Certification Testing.
6. Compile results.

9.6 Exit Criteria

- Global Exit Criteria must be satisfied.
- Documentation checklists must be completed.
- Interview summaries must be completed.
- Exception log must be completed.

- Summary evaluation report must be completed.
- Results summary and reports must be delivered KPMG.

VIII. Forecasting & Change Management Test Section

A. Overview

The purpose of this section is to define the Forecasting and Change Management tests needed to prove nondiscriminatory access to BellSouth's OSS in order to comply with the Georgia PSC's Order.

B. Scope

The forecasting and change management test scope is based on the following test dimensions: interface, test objectives, product categories, and test techniques. The test cycles are based on those combinations of test dimensions that are required within the scope of the Georgia Order.

<i>Test Cycles</i>	<i>Process Domains</i>			
	<i>Interface</i>	<i>Primary Test Objective</i>	<i>Product Category</i>	<i>Test Techniques</i>
FCM-1: Forecasting Review	TAG, EDI, TAFI, ECTA, ODUF/ADUF	Documentation	Resale UNE	Interview Document Review Observation
FCM-2: Change Management Practices Review	TAG, EDI, TAFI, ECTA, ODUF/ADUF	Documentation	Resale UNE	Interview Document Review Observation

Figure VIII-I: Forecasting & Change Management (FCM) Test Cycles

C. Test Cycles

1.0 FCM-1: Forecasting Process Review

1.1 Description

The Forecasting Process Review will evaluate key aspects of BellSouth's ability to forecast future line/UNE growth for CLECs. The results of this Test will depend on checklists and inspections.

1.2 Objective

The objectives of this Test are to determine the existence and functionality of key procedures for developing, publicizing, conducting, and monitoring forecasting efforts, and to ensure that the overall forecasting process has appropriate and effective management oversight.

1.3 Entrance Criteria

- Global Entrance Criteria must be satisfied.
- Process evaluation checklist must be completed.
- Interview guides must be completed.
- Test Plan and evaluation criteria must be defined and approved.
- BST personnel to be interviewed for the forecasting functions must be identified.
- BST forecasting function documentation relative to forecasting line/UNE growth for CLECS must be provided.
- Copies of recent forecasts must be obtained for review to measure adherence to guidelines/processes.

1.4 Test Scope

The test scope will address the following sub-processes and functions to evaluate BellSouth's forecasting process

<i>Sub-Process</i>	<i>Function</i>
Forecasting	Forecast development
	Forecast publication and confirmation

Figure VIII-II: Forecasting Process Review

1.5 Test Activities

1. Obtain and review BST forecasting Gather documentation.

2. Arrange interviews with BST forecasting personnel.
3. Perform interviews and documentation reviews.
4. Complete evaluation checklists and interview summaries.
5. Report *Severity Level 1, 2 and 3* test exceptions.
6. Develop and document findings.

1.6 Exit Criteria

- Global exit criteria must be satisfied.
- Evaluation checklists and interview summaries must be completed.
- Summary report must be completed.
- Post-mortem analysis for test cycle must be conducted.
- Results summary and formatted data must be delivered to KPMG.

2.0 FCM-2: Change Management Practices Review

2.1 Description

This Test evaluates the overall policies and practices for managing change in the procedures and systems necessary for establishing and maintaining effective relationships between BellSouth and CLECs. The results of this Test will rely upon checklists and inspections.

The Test will evaluate the current BellSouth process used to manage requested changes to the BellSouth's OSS interfaces. The interfaces in question include the following:

- EDI
- TAG
- TAFI
- ECTA
- CRIS/CABS

- ADUF/ODUF

2.2 Objective

The objective of this Test is to assess the adequacy and completeness of procedures for developing, publicizing, conducting, and monitoring change management.

The Test will evaluate BellSouth's ability to:

- Migrate and adhere to thosethe industry standards that impact electronic interfaces relative to order, pre-order, and maintenance.
- Ensure continuity of business processes and systems operations.
- Establish and adhere to processes for communicating and managing changes.
- Allow for mutual impact assessment and resource planning to manage and schedule changes.
- Appropriately prioritize requested changes.

2.3 Entrance Criteria

- Electronic Interface Change Control Process (EICCP) Forms and Documents must be obtained.
- Global entrance criteria must be satisfied.
- Process evaluation checklist must be created.
- Interview guidelines must be created.
- Other procedural and technical documentation must be obtained.
- Test Plan and evaluation criteria must be defined and approved.
- BST personel to be interviewed for the change management functions must be identified.
- BST documentation on its change management functions must be provided.
- Copies of recent change management documents must be obtained for review to measure adherence to guidelines/processes.

2.4 Test Scope

The test scope will address the following sub-processes and functions to evaluate BellSouth's change management process.

<i>Sub-Process</i>	<i>Function</i>
Change Management	Developing change proposals.
	Evaluating change proposals.
	Implementing change.
	Intervals.
	Documentation.
	Tracking change proposals.

Figure VIII-IV: Change Management Practices Review Scope

2.5 Test Activities

1. Obtain and review BST Change Management Gather documentation.
2. Arrange interviews with BST Change Management personnel.
3. Perform interviews and documentation reviews
4. Complete evaluation checklists and interview summaries
5. Report all *Severity 1, 2, and 3* test exceptions.
6. Develop and document findings.

2.6 Exit Criteria

- Global exit criteria must be satisfied.
- Evaluation checklists and interview summaries must be completed.
- Summary report must be completed.

- Postmortem analysis for test cycle must be conducted.
- Results summary and formatted data must be delivered to KPMG.

Appendix A: Product Selection & Description

This Appendix describes the network elements, services and features to be electronically tested for the pre-ordering, ordering, provisioning, billing and maintenance and repair (M&R) domains of the Test.

The process of selecting products and services for testing is driven by the following set of product categories:

- Unbundled Network Elements (UNEs)
- Resale Services (Volume testing only for pre-ordering, ordering and maintenance and repair)
 - Simple
 - Complex

The definitions of Unbundled Network Elements, Simple Resale services, and Complex Resale services are contained below:

Unbundled Network Elements	UNEs are components of the BellSouth network that have been unbundled so that they can be sold individually. UNEs are offered to facilities based CLECs so that they can provide telecommunications services to their end users. The CLEC will only purchase the elements that they need to provide complete service, leveraging their existing network and facilities to deliver competitive service to end users. Examples include loops, number portability, ports, and loop-port combinations.
Simple Resale	Simple resale services are those plain old telephone service (POTS) offerings that residential customers require and smaller businesses tend to favor. Examples include measured or flat rates, Caller ID, Call Forwarding, Call Return, etc.
Complex Resale	Complex resale services are high end business products and services for voice and data. They require specific switch configurations and/or specialized routing in order to provide service. Examples include Synchronet, ISDN BRI, and DS-1 services.

Figure A - I: Product Categories

In addition to UNE and resale services, BellSouth also offers general features and services that underlie both categories. These features and services will be covered in detail in a later section.

Since the pre-ordering, ordering, provisioning, billing and M&R activities evaluate BellSouth's OSS systems, only electronic orders are in scope.¹

In the case of simple resale, all products and features for all order activity types are available electronically. Figure A-II lists all products and services that are included in the Test.

¹ Electronic orders are defined as those orders that can be submitted electronically. Certain electronic orders may require manual intervention.

Product Name	Process Domain		
	Ordering & Provisioning	Billing	Maintenance & Repair
Unbundled Network Elements			
UNE Loops			
2-Wire Analog Designed Loops	X	X	X
2-Wire Analog Non-Designed Loops	X	X	X
4-Wire Analog Design Loops			X
4-Wire Analog Non-Designed Loops			X
2-Wire ISDN Loops			X
4-Wire DS-1 Loops			X
Number Portability			
INP	X	X	
LNP	X	X	X
UNE Ports			
2-Wire Analog Ports	X	X	X
2-Wire Digital Port			X
4-Wire Digital Port			X
UNE Loop-Port Combination			
2-Wire Analog Loop-Port Combinations	X	X	X
4-Wire Analog Loop-Port Combinations			X
2-Wire Digital Loop-Port Combinations			X
4-Wire Digital Loop-Port Combinations			X
Loop-Dedicated Interoffice Transport Combination			X
Resale			
Simple Resale	X	X	X
ISDN-BRI	X		X
PBX Trunks	X		X
Synchronet			X
General Features and Services			
Basic Class of Service			
Flat Rate Line	X		X
Measured Rate Line	X (resale only)	X	X
Area Plus [®] Service	X (resale only)		X
Business Plus Calling Plan Option 1	X (resale only)		X
Complete Choice [®] Service	X (resale only)		X
Area Plus [®] with Complete Choice	X (resale only)		X
Custom Calling Features			
Call Forwarding	X	X	X

Call Waiting	X	X	X
Speed Calling	X	X	X
Three Way Calling	X	X	X
TouchStar[®] Features			
Caller ID with Name and Number (Enhanced Caller ID)	X		X
Call Return	X		X
Distinctive Ringing	X		X
Custom Calling Features			
Call Blocking	X	X	X
Call Restriction	X	X	X

Figure A - II: Test Product List

The following sections describe each product and the selection process used (where applicable) UNE and resale services.

Unbundled Network Elements

UNEs have been under review by the FCC due to an accelerating trend among CLECs demonstrating increasing demand for these services. This Test focuses primarily on UNEs, in accordance with the Georgia Order.

BellSouth offers over 80 UNEs; however, only a subset with the highest potential volumes can be ordered electronically. As a result, the UNE list is composed of five specific types of UNEs which can be electronically ordered via TAG and EDI, as listed in the following section.

CLEC UNE List

The following UNEs will be tested for ordering, provisioning and billing activities:

Unbundled Voice Loops (UVL)²

- 2-Wire Analog Designed Loops
- 2-Wire Analog Non-Designed Loops

Number Portability

- INP
- LNP

Unbundled Local Switching

- 2-Wire Analog Ports

UNE Combinations

- 2-Wire Analog Loop - Port Combinations

² Loops can be ordered both with either INP or LNP.

The following UNEs will be tested for maintenance and repair activities:

Unbundled Voice Loops (UVL) ³

- 2-Wire Analog Designed Loops
- 2-Wire Analog Non-Designed Loops
- 4-Wire Analog Designed Loops
- 4-Wire Analog Non-Designed Loops

Unbundled Digital Loops (UDL)

- 2-Wire ISDN Loops
- 4-Wire DS-1 Loops

Unbundled Ports

- Analog
- Digital

Unbundled Combinations

- 2-Wire and 4-Wire Analog Loop-Port Combinations
- 2-Wire and 4-Wire Digital Loop-Port Combination
- Loop-Dedicated Interoffice Transport Combinations

Unbundled Loops

Unbundled loops, or the “last mile,” refers to the infrastructure from the Main Distribution Frame (MDF) to the customer’s premises. CLECs most frequently order this type of UNE due to the high infrastructure costs associated with building out a network to the customer’s premises.

2-Wire and 4-Wire Analog Designed Loops

2-Wire and 4-Wire Analog Designed Loops, also known as Unbundled Voice Loops (UVLs), are dedicated analog transmission facilities from BST’s Main Distribution Frame (MDF) to a customer’s premises.

UVLs can be configured as 2-wire or 4-wire facilities offered as Service Level 2 (SL2). SL2 is a designed circuit that can be provided on 2 or 4-wire circuits. A UVL consists of two components:

- Wire and/or tie cable(s) – connects the MDF to either the CLEC termination or other BST equipment.
- Loop facility – connects the MDF to the customer’s premises. The loop can be a metallic facility or a universal Digital Loop Carrier (DLC) linked together with cable and/or wire.

³ Ibid.

2-Wire Analog Non-Designed Loops

2-Wire Analog Non-Designed Loops or Unbundled Voice Loop (UVL) are very similar to 2-Wire Analog Designed Loops. However, they are *shared* analog transmission facility from BST's Main Distribution Frame (MDF) to a customer's premise. It is primarily associated with residential POTS.

2-Wire Analog Non-Designed Loops may be configured as a 2-wire facility offered as Service Level 1 (SL1). An SL1 loop is a non-designed circuit that can only be provided on 2-wire circuits. It consists of the following two components:

- Wire and/or tie cable(s) – connects the MDF to either the CLEC termination or other Bellsouth equipment.
- Loop facility – connects the MDF to the customer's premises. The loop can be a metallic facility or a universal Digital Loop Carrier (DLC) linked together with cable and/or wire.

2-Wire ISDN Loops

2-Wire ISDN Loops are dedicated transmission facilities that connect Bellsouth's MDF to an end user's premises. This facility allows the end user to send and receive via Basic Rate Interface (BRI).

4-Wire DS-1 Loops

4-Wire DS-1 Loops are dedicated high capacity transmission facilities that connect Bellsouth's MDF to an end user's premises. This facility allows the end user to send and receive traffic that is connected to the proper packet/circuit switch.

Number Portability

Interim Number Portability (INP)

Interim Number Portability provides an interim solution that enables CLECs to provide Service Provider Local Number Portability until Long Term Service Provider Local Number Portability is deployed.

The only type of INP that will be tested in the Test is remote call forwarding (RCF). When RCF is used to provide number portability, calls to the ported number will first route to the BellSouth switch to which the ported number was previously assigned. The BellSouth switch will then forward the call to a number with an NXX associated with the CLEC operated switch to which the original number is ported.

Long Term Number Portability (LNP)

All ILECs were required to complete implementation of LNP in the top 100 metropolitan statistical areas (MSAs) by December 31, 1998. BellSouth has completed implementation of LNP in all scheduled metropolitan areas. LNP will be available to test in the Atlanta area for this Test.

BellSouth complies with the Location Routing Number method of number portability. This method utilizes the SS7 architecture and the AIN 0.1 platform to perform call processing queries in order to reroute calls to their new switch provider if they have ordered local number portability.

Unbundled Local Switching

2-Wire and 4-Wire Analog Ports

2-Wire and 4-Wire Analog Ports are designed to provide a CLEC with the ability to offer end office switching capabilities to their customers for analog loops. This product is available to all certified CLECs.

2-Wire Analog Ports can be handled electronically for ordering, provisioning, billing and M&R while 4-Wire Analog Ports can only be handled electronically for M&R.

2-Wire and 4-Wire Digital Ports

2-Wire and 4-Wire Digital Ports are designed to provide a CLEC with the ability to offer end office switching capabilities to their customers with digital loops. This product is available to all certified CLECs.

2-Wire and 4-Wire Digital Ports can only be handled electronically for M&R. Digital Ports are out of scope for ordering, provisioning and billing.

UNE Combinations

2-Wire and 4-Wire Analog Loop-Port Combinations

2-Wire and 4-Wire Analog Loop-Port Combinations combine to 2-Wire and 4-Wire Analog Loops with 2-Wire and 4-Wire Ports respectively for a particular customer.

2-Wire Analog Loop-Port Combinations can be handled electronically for ordering, provisioning, billing and M&R while 4-Wire Analog Loop-Port Combinations can only be handled electronically for M&R.

2-Wire and 4-Wire Digital Loop-Port Combinations

2-Wire and 4-Wire Digital Loop-Port Combinations combine 2-Wire and 4-Wire Digital Loops with 2-Wire and 4-Wire Ports respectively for a particular customer. This would be desirable for a facilities-based CLEC that wants to offer service in an area where it has not yet deployed switching facilities.

2-Wire and 4-Wire Digital Loop-Port Combinations are only handled electronically for M&R. Digital Loop-Port Combinations are out of scope for ordering, provisioning and billing.

Loop-Dedicated Interoffice Transport Combinations

Loop-Dedicated Interoffice Transport Combinations combine a loop with dedicated interoffice transport. This combination connects the customer to the CLEC switch through a BellSouth loop and BellSouth interoffice transport.

Loop-Dedicated Interoffice Transport Combinations can only be handled electronically for M&R purposes. These are out of scope for ordering, provisioning and billing.

Resale Products

Resale products fall into two categories: Simple Resale and Complex Resale.

Simple Resale services are plain old telephone service (POTS) offerings that residential customers require and smaller businesses tend to favor. All thirty of BellSouth's Simple Resale products and features can be ordered electronically. Rather than test all 30 simple resale products in volume, the simple resale product portion of the list utilizes a carefully selected subset of the BellSouth resale product offerings. This list is derived from the BellSouth Product Guide with products selected from equivalency classes. The process used to develop the product list is described in the Simple Resale Selection Process at the end of this appendix.

Complex Resale services are high end business products and services for voice and data. They require specific switch configurations and/or specialized routing in order to provide service. Due to their need for manual intervention, only four of the twentyone complex products can be ordered electronically. In addition, these four products can be electronically ordered and flow-through for one activity type, Migrate "as is." Therefore, the scope of the complex resale products testing is four products.

CLEC Resale Product List

The following Resale products will be tested for ordering and M&R activities:

- Simple Resale
- Complex Resale
 - Hunting
 - ISDN-BRI
 - PBX trunks
 - Synchronet

Simple Resale

Simple resale services are those Plain Old Telephone Service (POTS) offerings that residential customers require and smaller businesses tend to favor. Examples include measured or flat rates, Caller ID, Call Forwarding, and Call Return.

Hunting

Hunting Service is a feature offered to residential and business customers who have more than one line arranged for incoming calls at the same location. When an incoming call is generated to a line that is busy, the call overflows to the next number in the Hunting Group. Hunting provides maximum utilization of lines to handle incoming calls and prevent unnecessary busy signals.

There are two basic types of hunting service:

- Series Completion Hunting - requires each line to have a unique telephone number (TN). This arrangement is typically offered to customers with 5 lines or less.
- Multiline Hunting - describes one telephone number for the entire group. Each line in a Multiline Hunting Group is assigned a group identifier and a Terminal Number along with the Telephone Number to provide a unique combination (identifier). This arrangement is usually offered to customers with six or more lines.

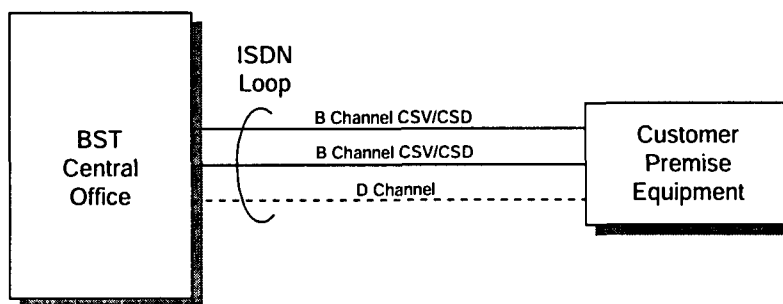
Integrated Services Digital Network (ISDN) - Basic Rate Interface

ISDN Basic Rate Interface (BRI) service is an integrated service for residence and business users. It provides an architecture supporting simultaneous transmission of voice, data and packet services over the same exchange access line.

For ISDN-BRI, the physical line is “parsed” into 3 logical channels, referred to as ‘2B+D’. These channels consist of:

- 2 “B” bearer channels, each rated to 64kbps
- 1 “D” signaling channel, rated at 16kbps

The diagram below illustrates this arrangement:



Each channel supports either one of two formats:

1. Circuit Switched Voice/Data (CSV/D)
2. Packet Switched Data

Whether a “B” channel is provisioned for CSV/D or whether it is provisioned for packet switched data, it is limited to that format once provisioning is completed.

There are 4 options that must be determined for each ISDN order submitted to BellSouth. These options are:

1. Basic Class of Service (COS)
2. The Basic Rate Interface. This provides the end user with the digital subscriber loop (DSL) from the CO required for ISDN service as well as the ISDN port service in the CO.
3. Channel activation. This determines of the type of traffic that is offered over the B and the D channels.
4. User profile services. These are the services that are associated with each channel. The customer must subscribe to at least one user profile service for at least one channel (B or D). Additionally a maximum of 8 user profile services can be ordered for a given DSL. For BellSouth, Called/Calling Number Delivery and Call Hold are provided with IRS/IBS with additional features available.

If these services are provisioned in a CO other than the one serving the customer, an interoffice DSL will also be required.

PBX Trunks

Trunk lines are a common group of central office lines (pooled) that terminate in Private Branch Exchange (PBX) systems, automatic call distributors, or any system in which the customer's premises equipment selects and seizes a vacant line for incoming and outgoing calls. Trunk lines do not terminate directly to a telephone set, but rather in PBX common equipment or an attendant position.

Trunk lines may be provisioned and billed as flat rate, message rate, measured rate, or usage based pricing service. Some dial-type PBXs may terminate only on combination trunk lines. Others terminate a mixture of one-way incoming, combination, and outdial only trunk lines. The calling patterns of the PBX users determine the proper trunk line mix.

Synchronet®

Synchronet® is a dedicated, synchronous service for customers that require high reliability for two way transmission of data using time division multiplexing. It allows an end user to transmit data in digital format over digital facilities routed through a central office node. Additionally, Synchronet® is private line and IntraLATA based nodal service capable of the following transmission bit rates:

- 2.4 kbps
- 4.8 kbps
- 9.6 kbps
- 19.2 kbps

- 56.0 kbps
- 64.0 kbps

There are a number of arrangements available with Synchronet[®]. They are point-to-point, multi-point, and secondary channel capability.

General Services and Features

General services and features include those features and services that are ordered on either UNE and/or resale lines. The descriptions below specify on which line type the particular services and features can be ordered.

CLEC Services and Features List

Basic Class of Service

- Flat Rate Line
- Measured Rate Line
- Area Plus[®]
- Business Plus Calling Plan Option 1
- Complete Choice[®] Service
- Area Plus[®] with Complete Choice[®]

Features

- Caller ID with Name and Number (Enhanced Caller ID)
- Call Return
- Call Waiting
- Distinctive Ringing (Call Selector)
- Speed Calling
- Three Way Calling
- Call Forwarding Remote Access

Control Services

- Call Blocking
- Selective Call Restriction

Basic Class of Service

Basic Class of Service codes are grouped for rate distinction. The codes distinguish between business and residence, between flat and measured rate, and between restricted and extended area service.⁴ A Basic Class of Service is required to process a UNE or simple resale order. UNEs will be tested on Measured Rate Lines while simple resale will be tested on all types of service.

⁴ Newton's Telecom Dictionary, 14th Edition, Harry Newton, 1998

Flat Rate Line

Flat rate service is an industry-wide billing method for local phone calls. It offers unlimited calling to both residential and business customers in a specified local area for a fixed monthly recurring charge. This service applies to UNE and Simple Resale orders.

Measured Rate Line

Measured rate service is another industry-wide billing method for local phone calls. A customer (either residential or business) is charged a monthly fee for unlimited incoming calls and a fixed number of outgoing local calls. Each additional local call beyond the specified limit costs an additional call fee. The price of the additional calls depends on the call distance, time of day, day of week and company tariffs.⁵

Area Plus[®] Service

Area Plus[®] offers residential customers unlimited calling for an expanded local area. The expanded area includes all access lines within the serving exchanges and the associated Basic and Expanded LATA wide Calling Plan (BLCA and ELCA)⁶. Subscribers also receive a discount on the intraLATA intrastate Message Telecommunications Service (MTS) rates.

Business Plus Calling Plan Option 1

Business Plus offers business customers a flat rate per month for calling in the BLCA and ELCA (out to LATA boundary) up to a *predefined number of minutes-of-use per line*.⁷

Complete Choice[®] Service

Complete Choice[®] Service offers residential customers with a Touchtone line unlimited calling to all exchanges in the customer's basic service area and usage to the expanded service area. In addition, Complete Choice[®] Service also includes the customer's choice of any Custom Calling, TouchStar[®], ~~Call Blocking~~ and Ringmaster[®] services.⁸

Area Plus[®] with Complete Choice[®]

Area Plus[®] with Complete Choice[®] offers residential customers with a Touchtone line an expanded local calling area. In addition, it offers a calling card and Complete Choice[®] options. Complete Choice[®] includes the customer's choice of any Custom Calling, TouchStar[®], ~~Call Blocking~~ and RingMaster[®] services.

Vertical Features

Vertical features are options that a customer can add or change on their basic telephone service. Vertical features apply to all types of service.

⁵ Ibid.

⁶ Section 7.1 LEO Guide Volume II, February 1999.

⁷ Section 7.6, LEO Guide Volume II, February 1999.

⁸ Section 14.0, LEO Guide Volume II, February 1999.

Caller ID with Name and Number (Enhanced Caller ID)

Among the several variations of Caller ID, the Test product list includes Caller ID with Name and Number. This version of Caller ID enables a customer to identify the calling party's name and number before answering the call via their customer premise equipment (CPE). Depending on the CPE unit, the caller's name, the area code plus the 7 digit telephone number, the month, day and time of the call may be displayed.

Call Forwarding

BellSouth offers many variations of Call Forwarding (CF) including

- CF Busy Line
- CF Don't Answer
- CF Multipath
- CF Variable
- Flexible CF
- Preferred CF
- Remote CF
- Remote Access to CF

In its most basic form, Call Forwarding allows a user to have incoming calls forwarded to a different telephone number. Users do so by dialing a two digit access code and the telephone number to which calls are to be forwarded. The customer controls the activation and deactivation process. The Test includes Call Forwarding Variable as well as Remote Access to Call Forwarding. Remote Access to Call Forwarding includes the basic feature, Call Forwarding Variable and provides the user the ability to activate and deactivate the feature either from the provisioned line or remotely from a location equipped with Touchtone signaling.

Call Return

Call Return is an advanced custom calling feature that allows a customer to automatically dial the number of the last caller, regardless of whether the customer answered the phone or not. It is activated by dialing *69.

Call Waiting

Call Waiting enables a customer to know when another call is waiting by providing an audible signal. It allows the waiting call to be answered without disconnecting from the existing call and enables switching between the calls as desired.

Distinctive Ringing (Call Selector)

Distinctive Ringing provides a unique ringing pattern (i.e. short, long, short) for specific numbers on a customer programmable screening list.

Speed Calling

Speed Calling allows customers quick dialing access to either 8 or 30 telephone numbers through a pre-programmed two digit code .

Three Way Calling

Three Way Calling enables another calling party to be added to a call already in progress. The added party may be either local or long distance. This feature is available on either a per use or flat, monthly fee basis. Scenarios will include Three Way Calling with a flat, monthly fee.

Call Control Services

Call Blocking

~~Call Blocking enables customers to block access to specific, customer designated types of incoming local and long distance calls.~~

Customized Code Restriction

The Customized Code Restriction option restricts billable outgoing calls to direct dialed, operator handled and 900, 976 numbers. Customers who attempt to make an outgoing call to blocked numbers will hear a prerecorded message.

Basic Class of Service and Features Selection Process

The Basic Class of Service and Features used for the product list is a subset of those BellSouth products that are ordered electronically. Rather than incorporate every possible product into the Product Test List, the Test selected a comprehensive representation of BellSouth's simple resale product list. This List represents all major equivalency classes of BellSouth's service offerings. The selection process consisted of:

- Reviewing the FCC's response to BellSouth's second application in Louisiana for specific resale product references. Although the FCC details requirements with respect to particular categories, it does not consistently highlight specific products and services in each category.
- Identifying BellSouth's simple resale product offerings
- Conducting an equivalency analysis of the simple products
- Analyzing external research regarding popular residential calling features

BellSouth offers thirty simple resale products and services, all of which are supported electronically. The following list contains those simple resale products supported by BellSouth:

- Flat Rate Residence
- Measured Rate Residence
- Flat Rate/Basic Local Exchange (Flat Rate Business)
- Measured Rate Business
- Touchtone
- Optional Calling Plan (OCP)
- Integrated Package - Area Plus[®] with Complete Choice[®], Complete Choice[®]
- Georgia Community Plan
- Area Plus[®]
- Visual Director[®]
- Custom Calling - Speed Calling 8 & 30
- Custom Calling - 3 Way Calling
- Custom Calling - Call Forward Variable
- Custom Calling - Remote Access to CF
- RingMaster[®]
- Message Telephone Service (MTS)
- TouchStar[®] - Call Tracing
- TouchStar[®] - Call Block
- TouchStar[®] - Call Selector
- TouchStar[®] - Call Return
- TouchStar[®] - Repeat Dialing
- TouchStar[®] - Preferred Call Forwarding
- MemoryCall[®]
- MemoryCall[®] Answering Service
- Caller ID
- Call Waiting
- Call Waiting - Deluxe
- Customized Code Restriction
- Enhanced Caller ID
- Remote Call Forwarding (RCF)

Equivalency Analysis

The BellSouth simple resale product list was divided into groups based on similar functionality or technology. These groups, or equivalency classes, are:

1. Basic Class of Service
2. BellSouth Custom Calling Services
3. BellSouth TouchStar[®] Services
4. Integrated Packages

In each of the following sections, the specific products and services in each equivalency class are identified and those selected for the Test are highlighted.

1. Basic Class Of Service Equivalency Class

Basic Classes of Service are codes that group services for rate incentives and/or discounts. The BellSouth simple resale product list includes the following Basic Classes of Service:

- Flat Rate Residence
- Measured Rate Residence
- Flat Rate/Basic Local Exchange
- Measured Rate Business
- Touchtone
- Optional Calling Plan (OCP)
- Georgia Community Plan
- Message Telephone Service (MTS)
- Area Plus^{®9} with Complete Choice^{®10}
- Complete Choice^{®11}
- Area Plus^{®12}
- Visual Director^{®13}

The Test selected representative offerings from the flat rate services, measured rate services, extended calling area and calling plans for both business and residential customers for inclusion.

The following table highlights the services that the Test product list selected and how each represent both flat and measured rates for residential and business customers.

⁹ Area Plus[®], Area Plus[®] with Complete Choice[®], Complete Choice[®] and Visual Director[®] are listed in both the Basic Class of Service and Integrated Package equivalency classes due to their functionality.

¹⁰ Ibid.

¹¹ Ibid.

¹² Ibid.

¹³ Ibid..

<i>Basic Class of Service</i>	<i>Rate</i>		<i>Cust Type</i>		<i>USOC</i>
	<i>Flat</i>	<i>Meas</i>	<i>Res</i>	<i>Bus</i>	
Flat rate line with Touchtone, residence	X		X		14R
Flat rate line, business, two way	X			X	1FB
Measured rate line, residence, two-way, non-hunting		X	X		1MS
Measured rate line, business		X		X	B1M
Area Plus [®] Service, residence	X		X		VRI
Area Plus [®] with Complete Choice [®]	X		X		VR4, ACO
Complete Choice [®] Service, individual line	X		X		VR3, VR0
Business Plus Service, option 1, flat rate plan	X			X	BG1 (GA)

Figure A - III: Basic Class of Service

2. BellSouth Custom Calling Services Equivalency Class

Custom Calling Services is a group of features available from the central office switching system which offers benefits without adding telephone customer premise equipment. BellSouth offers the following Custom Calling Services on a resale basis:

- Call Forwarding Busy Line
- Customer Controlled Call Forward Busy Line
- Call Forwarding Multipath
- Call Forwarding Multiple Simultaneous
- Call Forwarding Don't Answer
- Customer Controlled Call Forwarding Don't Answer
- Call Forwarding Don't Answer - Ring Control
- Call Forwarding Variable
- Remote Access - Call Forwarding
- Call Waiting
- Call Waiting Deluxe
- Speed Calling
- Three Way Calling
- Flexible Call Forwarding
- Flexible Call Forwarding Plus

Of these Custom Calling Services, the Test will use

- Call Waiting,
- Three Way Calling,
- Call Forwarding Variable, and
- Speed Calling.

These services were selected based on IDC research considered in an effort to create the most representative product list for a CLEC. In an August 1998 report¹⁴ of residential telecommunications customers, these were reported to be the most widely popular features.

3. TouchStar[®] Equivalency Class

TouchStar[®] service is a BellSouth grouping of central office Call Management features that are offered in addition to basic telephone service. Most TouchStar[®] features fall under the CLASS category. CLASS is an industry acronym for Custom Local Area Signaling Services. TouchStar[®] service includes:

- Call Return
- Repeat Dialing
- Call Selector
- Preferred Call Forwarding
- Call Block (incoming calls)
- Call Tracing
- Caller ID - Basic
- Caller ID - Deluxe
- Calling Number Delivery Blocking - Permanent
- Anonymous Call Rejection
- Call Tracking - Bulk Calling Line Identification
- Enhanced Caller ID (Busy Line and Idle Line Name and Number Delivery)
- Enhanced Caller ID with Call Management

Of the TouchStar[®] features, the Test will use

- Caller ID,
- Call Return, and
- Call Selector (Distinctive Ringing)

Caller ID, Call Return, and Call Selector have been selected because they are popular features supported by Advanced Intelligent Networks (AIN) which vary from an ordering and functional perspective.

4. Integrated Package Equivalency Class

BellSouth offers the following integrated packages for resale:

- Area Plus[®]
- Area Plus[®] with Complete Choice[®]

¹⁴ There's No Place Like Home: 1998 U.S. Residential Telecommunications Survey, IDC Report, August 1998

- Complete Choice®
- Visual Director®

The Test will incorporate Area Plus®, Area Plus® with Complete Choice® and Complete Choice® into the Test List as integrated packages. Visual Director® is not available in all BellSouth states, so we have chosen the universally available Area Plus® and Complete Choice® packages as the most appropriate representative packages.

Appendix B1: Pre-Ordering Scenarios

Pre-Ordering Scenarios

A. Primary Categories

Pre-Ordering Scenarios were generated by applying BellSouth's OSS electronic ordering business rules, and logical business requirements across the following primary categories:

<i>Primary Categories</i>	<i>Definition</i>
Pre-Ordering Transaction Types	The type of pre-ordering transaction
Customer Types	The type of end user account linked to an order.

Figure B1 - I: Pre-Ordering Scenario Coverage

1. Pre-Ordering Transaction Types

Figure B1 - II lists the individual pre-ordering transaction types per Telecommunication Access Gateway Training - Release 2.1.

<i>Pre-Ordering Transaction Types</i>
Service Availability
Address Validation
Telephone Number Assignment
Customer Record
Appointment Availability

Figure B1 - II: Pre-Ordering Transaction Types

2. Customer Type

The Customer Type category addresses only business and residential end users. The Master Test Plan excludes government.

B. Test Case Definition (Secondary Requirements)

Additional requirements or variables will be introduced below the Test Scenario level in order to define individual Test Cases. These secondary categories include:

<i>Secondary Categories</i>	<i>Definition</i>
Query Criteria	Specific fields used for querying.
Sub Menus	Menus contained within transaction types.
Test Errors	Errors used to test TAG response functionality
TAG Responses	Messages generated by the TAG interface in response to particular transactions

Figure B1 - III: Pre-Ordering Test Case Coverage

1. Query Criteria

For many functions, the user may query for a piece of information in several ways. For example, to validate an address, the user may query either by telephone number or by address. This distinction merits unique test cases.

2. Sub Menus

The functions listed at the scenario level are at a high level and often include several sub-options. These sub-options translate into individual test cases. For example, within the telephone number reservation function there are several options that each need to be tested. These options include: "None," "Easy," "Sequential," "Ascending Line Digits," "Descending Line Digits," and "Identical Line Digit." The Telephone Assignment function also includes sub menus. The user may reserve, extend and/or cancel a telephone reservation for either a Telephone Number, Direct-in-Dial and Multi-line Hunt number. Combinations of these variables will form multiple test cases.

3. Test Errors

Errors will be introduced into the testing process to ensure that the TAG interface handles errors properly. For every error that will occur, there must be two test cycles: one to test that the particular function works correctly and the other to test that error handling and response works properly.

4. TAG Responses

In many cases, TAG has the ability to respond with different messages based on user input. Test cases will test each response to ensure that they function properly. Address

validation, for example, responds to the user query with one of thirteen messages. Each message must be tested, thereby creating thirteen additional test cases.

C. Pre-Ordering Coverage Matrix

The following table illustrates coverage of the pre-ordering scenarios along the two primary categories described above.

Scen #	Scenario Description	Pre-Order Transaction Type						Customer Type		
		Service Availability	Address Validation	TN Assignment	Customer Record	Apptmt Availability	Due Date Calculation	Bus	Res	UNE
101	Address validation		X					X	X	X
102	CSR Inquiry for CLEC residential customer				X			X		X
103	CSR Inquiry for small CLEC business customer				X				X	X
104	Deferred CSR Inquiry for a large CLEC business customer				X				X	X
1051 02	CSR Inquiry for BellSouth residential customer who is a potential CLEC customer				X			X		X
1061 03	CSR Inquiry for small BellSouth business customer who is a potential CLEC customer				X				X	X
1071 04	Deferred CSR Inquiry for a large BellSouth business customer who is a potential CLEC customer				X				X	X
1081 05	Feature availability lookup	X						X	X	X (port)
1091 06	Appointment Availability					X	X	X	X	X (loop-port combo)
1101 07	TN Inquiry			X				X	X	X (port)
1111 08	Reserve, extend and cancel TN			X				X	X	X (port)
1121 09	Available PIC Inquiry	X						X	X	X
1131 10	Due Date Calculation						X	X	X	X

Figure B1 - IV: Pre-Ordering Coverage Matrix

D. Pre-Ordering Scenario Descriptions

The following list is a summarization of the pre-ordering scenarios.

<i>Scenario #</i>	<i>Pre-Ordering Scenario Description</i>
101	Address validation
102	CSR Inquiry for CLEC residential customer
103	CSR Inquiry for small CLEC business customer
104	Deferred CSR Inquiry for a large CLEC business customer
105102	CSR Inquiry for BellSouth residential customer who is a potential CLEC customer
106103	CSR Inquiry for small BellSouth business customer who is a potential CLEC customer
107104	Deferred CSR Inquiry for a large BellSouth business customer who is a potential CLEC customer
108105	Feature availability lookup
109106	Appointment Availability
110107	TN Inquiry
111108	Reserve, extend and cancel TN
112109	Available PIC Inquiry
113110	Due Date Calculation

Figure B1 - V: Pre-Ordering Scenario Descriptions

Scenario #101: Address validation.

Scenario Description:

This pre-ordering scenario will test the ability of CLEC to validate customer's address.

Address validation will be queried by either the TN or address.

Test cases will include variations of customer type (Business, Residential, UNE) query criteria (TN or address), address validation response messages (thirteen options) and "resend" orders.

Network Configuration:

NA

Scenario #102: CSR Inquiry for CLEC residential customer.

Scenario Description:

CLEC residential customer inquires about information on their Customer Service Request.

This scenario will generate multiple test cases based on customer type (Resale, UNE) desired information (billing or services) and query criteria (TN (Resale, Loop and Port Combo), Circuit ID and State code (SL2 UNE) or Miscellaneous Account Number (SL Loop)).

Network Configuration:

NA

Scenario #103: CSR Inquiry for small CLEC business customer.

Scenario Description:

A small CLEC customer inquires about information on their Customer Service Request.

This scenario will generate multiple test cases based on customer type (Resale, UNE) and desired information (billing or services) and query criteria (TN (Resale, Loop and Port Combo), Circuit ID and State code (SL2 UNE) or Miscellaneous Account Number (SL Loop)).

Network Configuration:

NA

Scenario #104: Deferred CSR Inquiry for a large CLEC business customer.

Scenario Description:

A large CLEC customer inquires about information on their Customer Service Request. This is a deferred CSR inquiry for a large business.

This scenario will generate multiple test cases based on customer type (Resale, UNE) desired information (billing or services) and query criteria (TN (Resale, Loop and Port Combo), Circuit ID and State code (SL2 UNE) or Miscellaneous Account Number (SL Loop)).

Network Configuration:

NA

Scenario #105: CSR Inquiry for BellSouth residential customer who is a potential CLEC customer.

Scenario Description:

BellSouth residential customer wants to switch from BellSouth to CLEC. After obtaining authorization, CLEC rep queries TAG for potential customer's service at BellSouth.

This scenario will generate multiple test cases based on customer type (Resale, UNE) desired information (billing or services) and query criteria (TN (Resale, Loop and Port Combo), Circuit ID and State code (SL2 UNE) or Miscellaneous Account Number (SL Loop)).

Network Configuration:

NA

Scenario #106: CSR Inquiry for small BellSouth business customer who is a potential CLEC customer.

Scenario Description:

Small BellSouth business customer wants to switch from BellSouth to CLEC. After obtaining authorization, CLEC rep queries TAG for potential customer's service at BellSouth.

This scenario will generate multiple test cases based on customer type (Resale, UNE) desired information (billing or services) and query criteria (TN (Resale, Loop and Port Combo), Circuit ID and State code (SL2 UNE) or Miscellaneous Account Number (SL Loop)).

Network Configuration:

NA

Scenario #107: CSR Inquiry for a large BellSouth business customer who is a potential CLEC customer.

Scenario Description:

Large BellSouth business customer wants to switch from BellSouth to CLEC. After obtaining authorization, CLEC rep queries TAG for potential customer's service at BellSouth.

This scenario will generate multiple test cases based on customer type (Resale, UNE) desired information (billing or services) and query criteria (TN (Resale, Loop and Port Combo), Circuit ID and State code (SL2 UNE) or Miscellaneous Account Number (SL Loop)).

Network Configuration:

NA

Scenario #108: Feature availability lookup.

Scenario Description:

This scenario will test the ability of CLEC to lookup the feature availability on particular LEC switches during the pre-order process.

Service availability will be queried for by NPA-NXX, CLLI and PIC Service Offerings.

This scenario will generate multiple test cases based on customer type (Business, Residential, UNE), NPA-NXX, CLLI and PIC Service Offerings.

Network Configuration:

NA

Scenario #109: Appointment Availability.

Scenario Description:

This pre-ordering scenario will test the ability of CLEC to view BellSouth's Central Office and Installation and Maintenance Calendars.

Appointment availability will be request by NPA-NXX. Response will include weekday availability, install intervals and scheduled holiday and close out dates.

This scenario will generate multiple test cases based on customer type (Business, Residential, UNE) and product type.

Network Configuration:

NA

Scenario #110: TN Inquiry.

Scenario Description:

A potential CLEC customer inquires about the availability of a vanity TN.

This scenario will generate multiple test cases based on customer type (Business, Residential, UNE), product type (simple resale line, DID, or Multiline Hunt) and TN option values (Random, Specific Number, Vanity Number, Easy, Sequential Line, Ascending Line Digits, Descending Line Digits, Identical Line Digits, Exception Numbers).

Network Configuration:

NA

Scenario #111: Reserve, extend and cancel TN.

Scenario Description:

This scenario will test the ability of CLEC to reserve, extend and release telephone numbers during pre-order negotiations.

This scenario will generate multiple test cases based on customer type (Business, Residential, UNE), product type (telephone line, DID, or Multiline Hunt), cancellation or extend options, and TN option values (Random, Specific Number, Vanity Number, Easy, Sequential Line, Ascending Line Digits, Descending Line Digits, Identical Line Digits, Exception Numbers).

Network Configuration:

NA

Scenario #112: Available PIC Inquiry.

Scenario Description:

This pre-ordering scenario will test the ability of CLEC to query for PICs. CLECs need to know which Interexchange Carriers are accessible from the customer's central office.

This scenario will generate multiple test cases based on customer type (Business, Residential, UNE).

Network Configuration:

NA

Scenario #113: Due Date Calculation.

Scenario Description:

This pre-ordering scenario will test due date calculation for new products & services.

This scenario will generate multiple test cases based on customer type (Business, Residential, UNE) and product type.

Network Configuration:

NA

Appendix B2: Resale Ordering Scenarios

Resale Ordering Scenarios

A. Primary Categories

Resale Ordering Scenarios were generated by applying BellSouth's OSS electronic ordering business rules and logical business requirements across the following primary categories:

<i>Primary Categories</i>	<i>Definition</i>
1. Products and Services	The resale products being ordered, configured, or operated upon by the CLEC.
2. Activity Types	The valid account level Activity Types (ACT) for the Requisition Type (REQTYP) of the different resale products being ordered. ¹ The Activity Type also defines the initial and final LSP for the transaction.
3. Customer Types	The type of end user account linked to an order. Customer Type is defined by the first character of the Type of Service (TOS) data element. ²
4. Flow-Through	A determination of whether or not an electronically submitted order will be processed by BellSouth's OSS without manual intervention through return of FOC.

Figure B2 - I: Resale Ordering Scenario Coverage

1. Products and Services

Figure B2 - II lists the individual resale products covered in the Test as a result of the Product Selection analysis described in Appendix A of this MTP.

<i>Resale Products</i>
Simple Resale
Analog PBX Trunk
ISDN-BRI
Hunting
Synchronet

Figure B2 - II: Resale Products

2. Activity Types

¹ LEO Implementation Guide - Volume 1, Issue 7F, March, 1999.

Figure B2 - III describes the Resale Product Requisition Type (REQTYP) and Figure B. II - IV describes the account level RESALE Activity Type (ACT) codes defined by BellSouth and referenced throughout this Appendix.²

<i>REQTYP</i>	<i>Description</i>
E	Resale
J	Directory Listings

Figure B2 - III: Resale Ordering Requisition Types

<i>ACT</i>	<i>Description</i>
A	Add (New Install)
C	Change
D	Disconnect
M	Inside Move
T	Outside Move
R	Record (Administrative)
V	Migrate As-Specified
W	Migrate As-Is
SS	Suspend Service
RS	Restore Service

Figure B2 - IV: Resale Ordering Activity Types

Figure B2 - V summarizes the electronic flow-through resale REQTYP and ACT combinations as defined by BellSouth.

<i>Products and Services</i>	<i>REQTYP</i>	<i>Activity Type</i>									
		<i>A</i>	<i>C</i>	<i>D</i>	<i>M</i>	<i>T</i>	<i>R</i>	<i>V</i>	<i>W</i>	<i>SS</i>	<i>RS</i>
Simple Resale	E	x	x	x	x	x	x	x	x	x	x
Analog PBX Trunk	E								x		
ISDN-BRI	E								x		
Hunting	E								x		
Synchronet	E								x		

Figure B2 - V: Resale Product REQTYP and ACT Scenario Coverage

3. Customer Type

² LEO Implementation Guide - Volume 1, Issue 7F, March, 1999.

The Customer Type category addresses only business and residential end users. The Master Test Plan excludes government.

B. Test Case Definition (Secondary Requirements)

Additional requirements or variables will be introduced below the Test Scenario level in order to define individual test cases. These secondary requirements will address directory listings (e.g., change in company name or adding telephone numbers) quantity of lines, features,), designed errors (e.g., invalid entries), and cancels.

Test scenarios contain customers that have a specific number of lines. Test scenarios specify the number of lines for a given customer account. This number is subject to change when the BellSouth test data is obtained. The potential change in the number of customer lines will not affect the flow-through status. For example, a flow-through test scenario has a business customer with 8 lines and BellSouth's test data only offers an account with 12 or 20 lines. The account with 12 lines will be used as a test scenario equivalent.

C. Resale Ordering Coverage

The following table illustrates coverage of the resale ordering scenarios along the five primary categories described above.

BST #	Scenario Description	Product/Service		Carrier Disposition		BST Activity Types (Account)										Customer Type		Order Flow Thru		
		From	To	Init	Final	A	C	D	M	T	R	V	W	SS	RS	Bus	Res			
201	Migrate "As Is" of a business customer from BellSouth with POTS lines to CLEC.	POTS	POTS	BST	CLEC										X			X		X
202	Migrate "As Is" of a residential customer with POTS line from BellSouth to CLEC.	POTS	POTS	BST	CLEC										X				X	X
203	Migrate "As Specified" of a business customer with POTS lines from BellSouth to CLEC.	POTS	POTS	BST	CLEC										X			X		X
204	A business customer partially migrates POTS lines from BellSouth to CLEC on a trial basis.	POTS	POTS	BST	CLEC										X			X		X
205	Migrate "As Specified" of a residential POTS customer from BellSouth to CLEC.	POTS	POTS	BST	CLEC										X				X	X
206	A residential customer partially migrates their second POTS line from BellSouth to CLEC.	POTS	POTS	BST	CLEC										X				X	X
207	A new company starts up and needs POTS lines.		POTS		CLEC	X												X		X
208	A resident is building a new house and needs POTS line.		POTS		CLEC	X													X	X
209	An existing CLEC customer, a small business, adds five more POTS lines.		POTS		CLEC		X											X		X
210	Existing residential CLEC customer adds POTS line.		POTS		CLEC		X												X	X

BST #	Scenario Description	Product/Service		Carrier Disposition		BST Activity Types (Account)										Customer Type		Order Flow-Thru
		From	To	Init	Final	A	C	D	M	T	R	V	W	SS	RS	Bus	Res	
211	Outside move for CLEC business customer with POTS lines.	POTS	POTS	CLEC	CLEC					X						X		X
212	Outside move for CLEC residential customer with POTS line.	POTS	POTS	CLEC	CLEC					X							X	X
213	A residential customer wants to suspend phone service on POTS line for their summer cabin during the winter months.	POTS	POTS	CLEC	CLEC								X				X	X
214	CLEC residential customer wants to restore phone service on their POTS line for their summer cabin.	POTS	POTS	CLEC	CLEC									X			X	X
215	Inside move for CLEC business customer with POTS lines.	POTS	POTS	CLEC	CLEC				X							X		X
216	Inside move for CLEC residential customer with POTS line.	POTS	POTS	CLEC	CLEC				X								X	X
217	An existing CLEC business customer changes class of service on POTS line.	POTS	POTS	CLEC	CLEC	X										X		X
218	Change TN of CLEC residential customer with POTS line.	POTS	POTS	CLEC	CLEC	X											X	X
219	CLEC residential customer with two POTS lines requests a telephone number change on ancillary line.	POTS	POTS	CLEC	CLEC	X											X	X
220	CLEC residential customer with a POTS line changes Long Distance Service Providers.	POTS	POTS	CLEC	CLEC	X											X	X
221	CLEC business customer with a POTS line changes Long Distance Service Providers.	POTS	POTS	CLEC	CLEC	X											X	X
222	Business CLEC customer disconnects four of their six POTS lines.	POTS		CLEC		X											X	X
223	A CLEC business customer disconnects all five POTS lines.	POTS		CLEC			X										X	X
224	A residential CLEC customer disconnects both POTS lines.	POTS		CLEC			X										X	X
225	A residential customer with POTS line changes information in directory listing.	POTS	POTS	CLEC	CLEC												X	X
226	CLEC residential customer with POTS line changes information on DL.	POTS	POTS	CLEC	CLEC												X	X
227	Migration "As-Is" of a BST business customer with PBX Trunks service to CLEC.	PBX Trunks	PBX Trunks	BST	CLEC							X					X	X
228	Migration "As-Is" of a BST business customer with Analog PBX trunk service to CLEC customer.	Analog PBX Trunks	Analog PBX Trunks	BST	CLEC							X					X	X
229	Migrate "As-Is" a BST business customer's ISDN-BRI service to CLEC.	ISDN-BRI	ISDN-BRI	BST	CLEC							X					X	X
230	Migration "As-Is" of a BST business customer with point to point Synchronet service to CLEC.	Synchronet (pt to pt)	Synchronet (pt to pt)	BST	CLEC							X					X	X
231	Migration "As-Is" of a BST business customer with POTS service in a hunting configuration to CLEC.	Hunting	Hunting	BST	CLEC							X					X	X

Figure B2 - VI: Resale Ordering Coverage Matrix

C. Resale Ordering Scenarios

The following scenarios test resale orders for the above mentioned activity types.

<i>Scenario #</i>	<i>Order Description</i>
201	Migrate "As Is" of a business customer from BellSouth with POTS lines to CLEC.
202	Migrate "As Is" of a residential customer with POTS line from BellSouth to CLEC.
203	Migrate "As Specified" of a business customer with POTS lines from BellSouth to CLEC.
204	A business customer partially migrates POTS lines from BellSouth to CLEC on a trial basis.
205	Migrate "As Specified" of a residential POTS customer from BellSouth to CLEC.
206	A residential customer partially migrates their second POTS line from BellSouth to CLEC.
207	A new company starts up and needs POTS lines.
208	A resident is building a new house and needs POTS line.
209	An existing CLEC customer, a small business, adds five more POTS lines.
210	Existing residential CLEC customer adds POTS line.
211	Outside move for CLEC business customer with POTS lines.
212	Outside move for CLEC residential customer with POTS line.
213	A residential customer wants to suspend phone service on POTS line for their summer cabin during the winter months.
214	CLEC residential customer wants to restore phone service on their POTS line for their summer cabin.
215	Inside move for CLEC business customer with POTS lines.
216	Inside move for CLEC residential customer with POTS line.
217	An existing CLEC business customer changes class of service on POTS line.
218	Change TN of CLEC residential customer with POTS line.
219	CLEC residential customer with two POTS lines requests a telephone number change on ancillary line.
220	CLEC residential customer with a POTS line changes Long Distance Service Providers.
221	CLEC business customer with a POTS line changes Long Distance Service Providers.
222	Business CLEC customer disconnects four of their six POTS lines.
223	A CLEC business customer disconnects all five POTS lines.
224	A residential CLEC customer disconnects both POTS lines.
225	A residential customer with POTS line changes information in directory listing.
226	CLEC residential customer with POTS line changes information on CSR.
227	Migration "As-Is" of a BST business customer with PBX Trunks service to CLEC.
228	Migration "As-Is" of a BST business customer with Analog PBX Trunks service to CLEC.
229	Migrate "As-Is" a BST business customer's ISDN-BRI service to CLEC.
230	Migration "As-Is" of a BST business customer with point to point Synchronet service to CLEC.
231	Migration "As-Is" of a BST business customer with POTS service in a hunting configuration to CLEC.

Figure B2 - VII: Resale Ordering Scenario Description

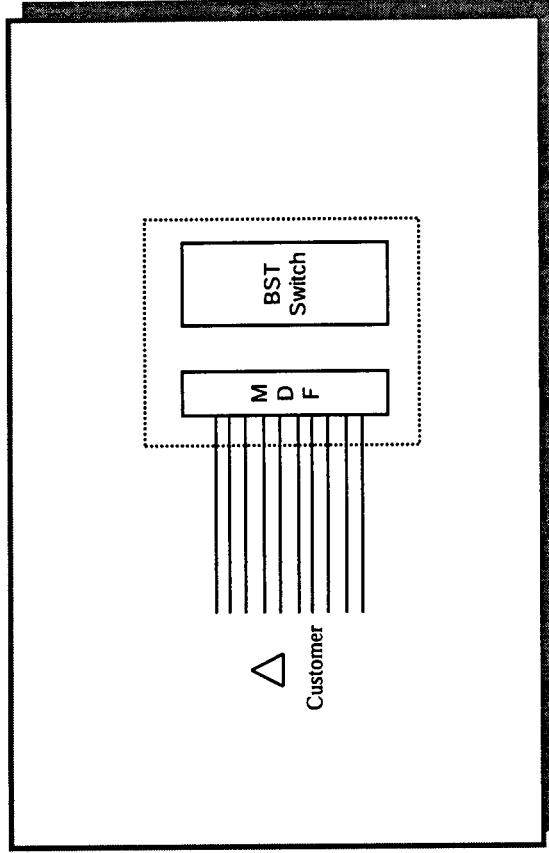
Scenario #201: Migrate "As Is" of a business customer from BellSouth with POTS lines to CLEC.

Scenario Description:

A business customer changes local service providers from BellSouth to CLEC. Products and services remain the same.

Test cases will include variations of line quantity, class of service, calling plans and features.

Network Configuration:



Scenario Summary:

REQTYPE	E
ACT TYPE	W
Partial Migration	
Flow-Through	X

Scenario Characteristics:

Provisioning	
Normal Volume	X
Peak Volume	X
EDI	X
TAG	X

Test Case Requirements:

Supplement	
Errors	X
Cancel	
Directory Listing	X

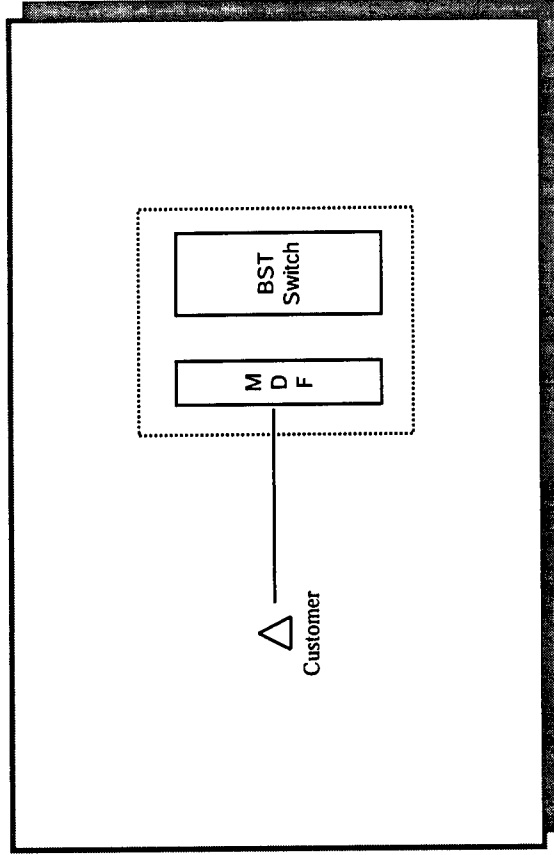
Scenario # 202: Migrate "As Is" of a residential customer with POTS line from BellSouth to CLEC.

Scenario Description:

A residential customer changes local service providers from BellSouth to CLEC, keeping service and features the same.

Test cases will include variations of class of service, calling plans and features.

Network Configuration:



Scenario Summary:

REQTYPE	E
ACT TYPE	W
Partial Migration	
Flow-Through	X

Scenario Characteristics:

Provisioning	
Normal Volume	X
Peak Volume	X
EDI	X
TAG	X

Test Case Requirements:

Supplement	
Errors	
Cancel	
Directory Listing	X

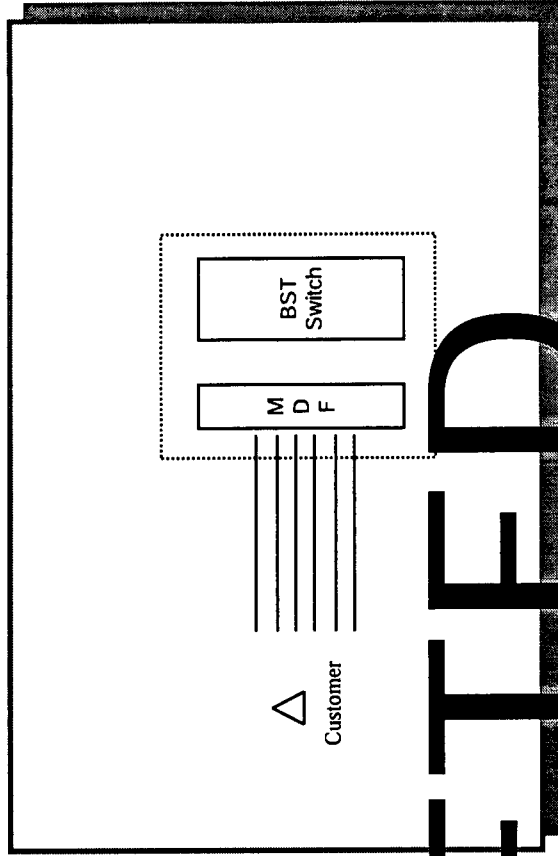
Scenario #203: Migrate "As Specified" of a business customer with POTS lines from BellSouth to CLEC.

Scenario Description:

A business customer switches service providers from BellSouth to CLEC. The customer wants to keep existing service and in addition wants to add a sixth line.

Test cases will include variations of class of service, calling plans and features.

Network Configuration:



DELETED

Scenario Summary:

REQTYPE	E
ACT TYPE	V
Partial Migration	
Flow-Through	X

Scenario Characteristics:

Provisioning	
Normal Volume	X
Peak Volume	X
EDI	X
TAG	X

Test Case Requirements:

Supplement	
Errors	
Cancel	
Directory Listing	

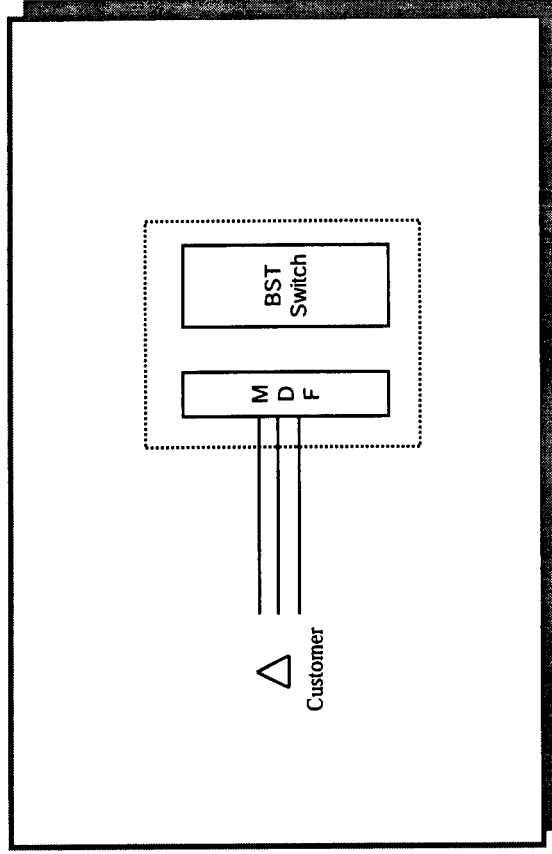
Scenario #204: A business customer partially migrates POTS lines from BellSouth to CLEC on a trial basis.

Scenario Description:

A business customer wants to compare the service and price between BellSouth and CLEC so they decide to transfer three of their six POTS lines over to CLEC.

Test cases will include variations of class of service, calling plans and features.

Network Configuration:



Scenario Summary:

REQTYPE	E
ACT TYPE	V
Partial Migration	
Flow-Through	X

Scenario Characteristics:

Provisioning	
Normal Volume	X
Peak Volume	X
EDI	X
TAG	X

Test Case Requirements:

Supplement	
Errors	X
Cancel	
Directory Listing	

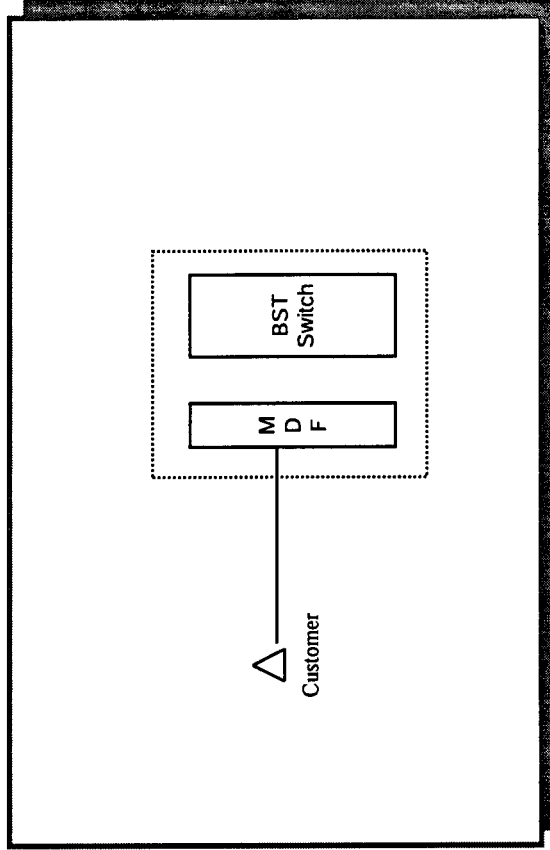
Scenario #205: Migrate "As Specified" of a residential POTS customer from BellSouth to CLEC.

Scenario Description:

A residential customer switches local service providers from BellSouth to CLEC. The customer wants to keep the same telephone number, but change class of service and features.

Test cases will include variations of class of service, calling plans and features.

Network Configuration:



Scenario Summary:

REQTYPE	E
ACT TYPE	V
Partial Migration	
Flow-Through	X

Scenario Characteristics:

Provisioning	
Normal Volume	X
Peak Volume	X
EDI	X
TAG	X

Test Case Requirements:

Supplement	
Errors	
Cancel	
Directory Listing	

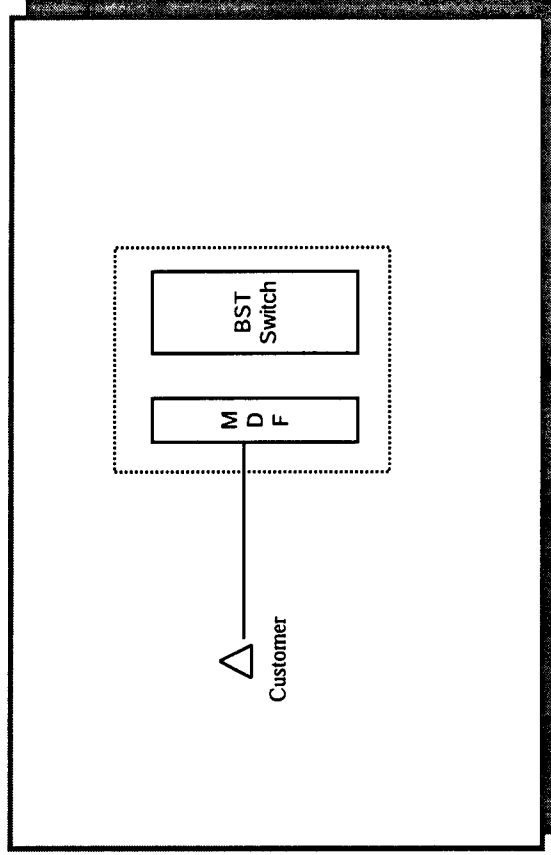
Scenario #206: A residential customer partially migrates their second POTS line from BellSouth to CLEC.

Scenario Description:

A residential customer wants to transfer their second POTS line, used primarily for internet connection, over from one CLEC to another due to competitive prices.

Test cases will include variations of class of service, calling plans and features.

Network Configuration:



Scenario Summary:

REQTYPE	E
ACT TYPE	V
Partial Migration	
Flow-Through	X

Scenario Characteristics:

Provisioning	
Normal Volume	X
Peak Volume	X
EDI	X
TAG	X

Test Case Requirements:

Supplement	
Errors	
Cancel	
Directory Listing	

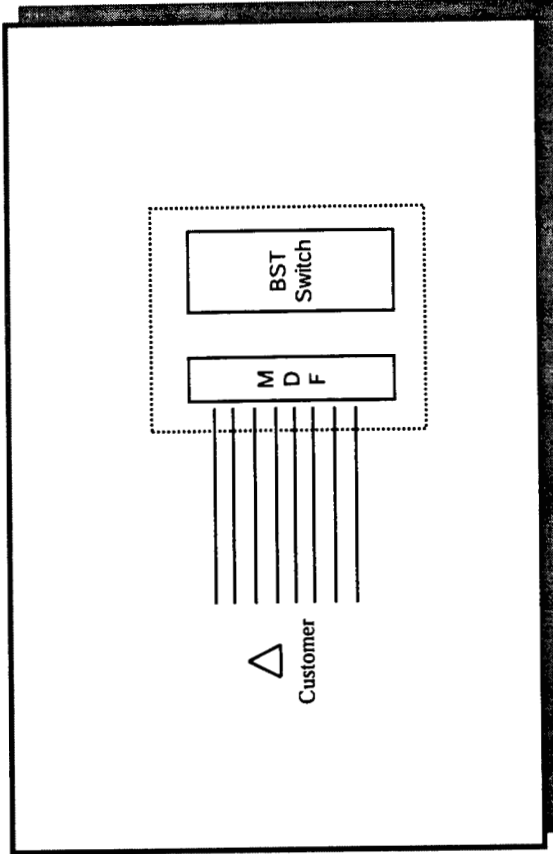
Scenario #207: A new company starts up and needs POTS lines.

Scenario Description:

A new small business moves into a building and requires local service. Their requirements are as follows: 8 POTS lines with TouchStar® and Custom Calling features.

Test cases will include variations of line quantity, class of service, calling plans and features.

Network Configuration:



Scenario Summary:

REQTYPE	E
ACT TYPE	A
Partial Migration	
Flow-Through	X

Scenario Characteristics:

Provisioning	
Normal Volume	X
Peak Volume	X
EDI	X
TAG	X

Test Case Requirements:

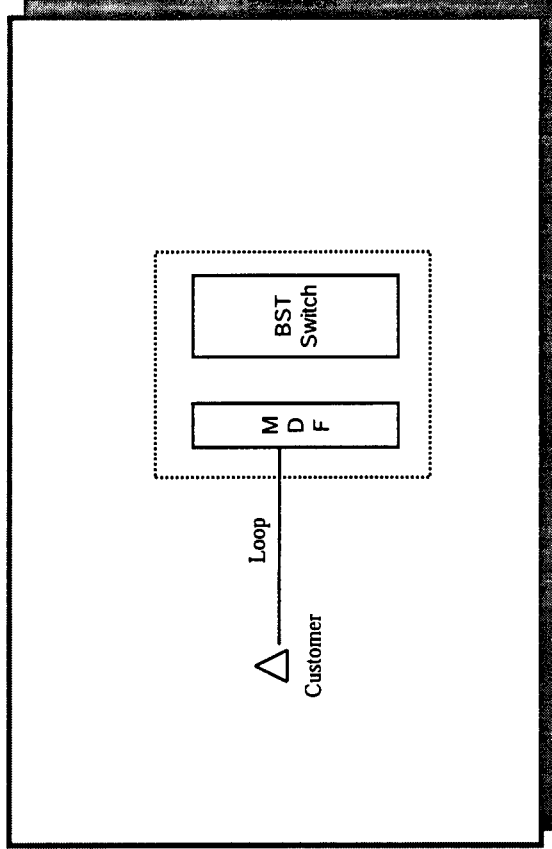
Supplement	
Errors	
Cancel	
Directory Listing	X

Scenario #208: A resident is building a new house and needs a POTS line.

Scenario Description:

A resident is building a house and needs immediate telephone service. The customer places an expedite order for a POTS line. This order requires inside wire. Test cases will include variations of class of service, calling plans and features.

Network Configuration:



Scenario Summary:

REQTYPE	E
ACT TYPE	A
Partial Migration	
Flow-Through	X

Scenario Characteristics:

Provisioning	
Normal Volume	X
Peak Volume	X
EDI	X
TAG	X

Test Case Requirements:

Supplement	
Errors	X
Cancel	
Directory Listing	X

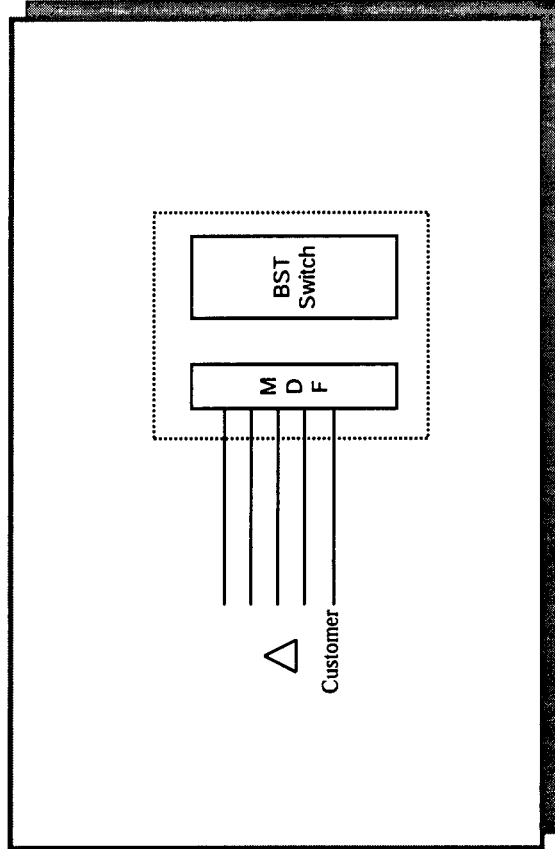
Scenario #209: An existing CLEC customer, a small business, adds five more POTS lines.

Scenario Description:

As their business is rapidly expanding, a small business orders five more POTS lines. The only feature on the line is Call Waiting.

Test cases will include variations of class of service, calling plans and features.

Network Configuration:



Scenario Summary:

REQTYPE	E
ACT TYPE	C
Partial Migration	
Flow-Through	X

Scenario Characteristics:

Provisioning	
Normal Volume	X
Peak Volume	X
EDI	X
TAG	X

Test Case Requirements:

Supplement	
Errors	
Cancel	
Directory Listing	X

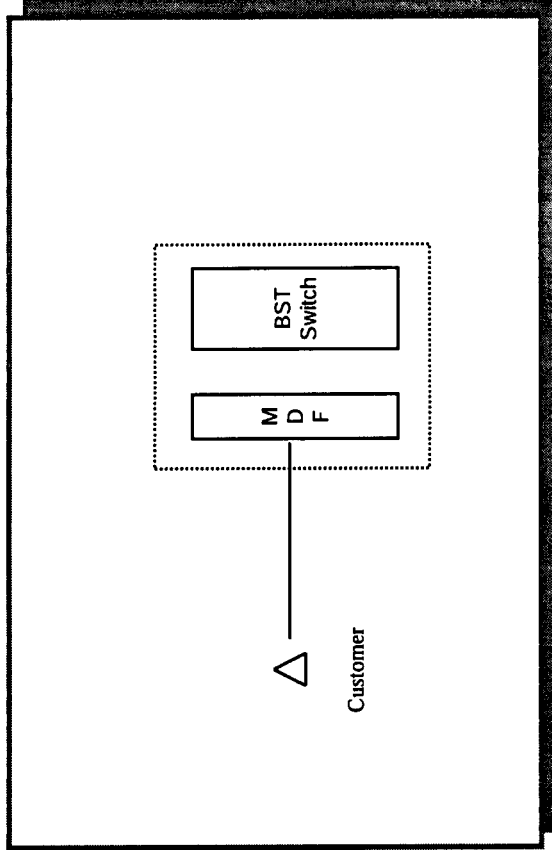
Scenario #210: Existing residential CLEC customer adds a POTS line.

Scenario Description:

An existing residential CLEC customer adds a third POTS line with one Custom Calling feature.

Test cases will include variations of class of service, calling plans and features.

Network Configuration:



Scenario Summary:

REQTYPE	E
ACT TYPE	C
Partial Migration	
Flow-Through	X

Scenario Characteristics:

Provisioning	
Normal Volume	X
Peak Volume	X
EDI	X
TAG	X

Test Case Requirements:

Supplement	
Errors	X
Cancel	
Directory Listing	X

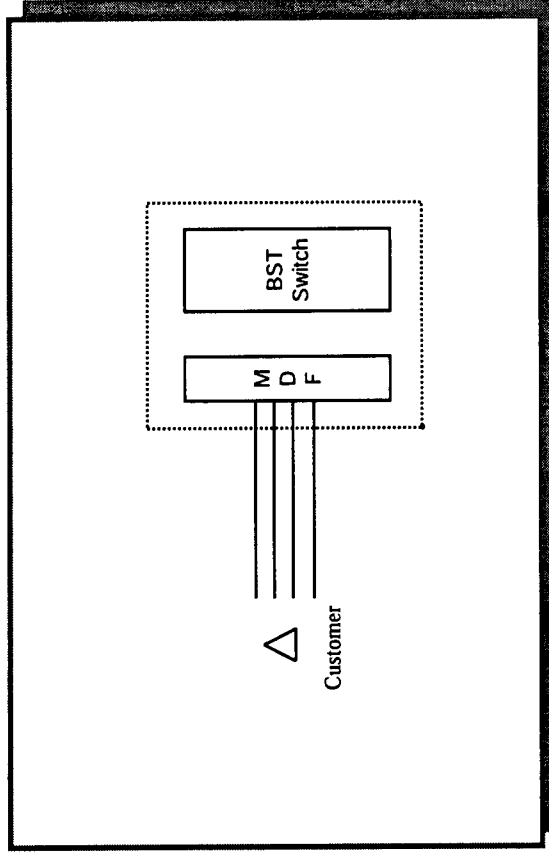
Scenario #211: Outside move for CLEC business customer with POTS lines.

Scenario Description:

A business CLEC customer with four lines moves across the street. They want to keep all services and features on the POTS line the same.

Test cases will include variations of class of service, calling plans and features.

Network Configuration:



Scenario Summary:

REQTYPE	E
ACT TYPE	T
Partial Migration	
Flow-Through	X

Scenario Characteristics:

Provisioning	
Normal Volume	X
Peak Volume	X
EDI	X
TAG	X

Test Case Requirements:

Supplement	
Errors	
Cancel	
Directory Listing	X

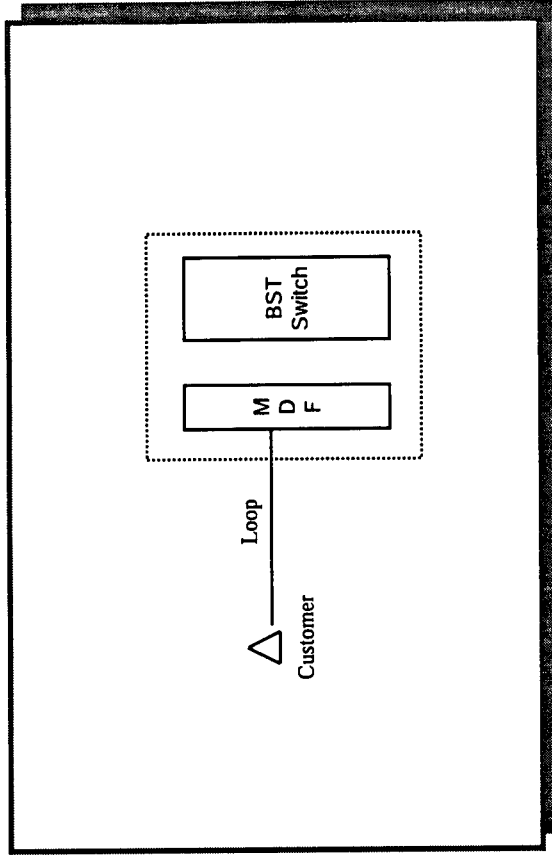
Scenario #212: Outside move for CLEC residential customer with POTS line..

Scenario Description:

A residential CLEC customer moves across town, keeping their features and services on POTS line the same.

Test cases will include variations of class of service, calling plans and features.

Network Configuration:



Scenario Summary:

REQTYPE	E
ACT TYPE	T
Partial Migration	
Flow-Through	X

Scenario Characteristics:

Provisioning	
Normal Volume	X
Peak Volume	X
EDI	X
TAG	X

Test Case Requirements:

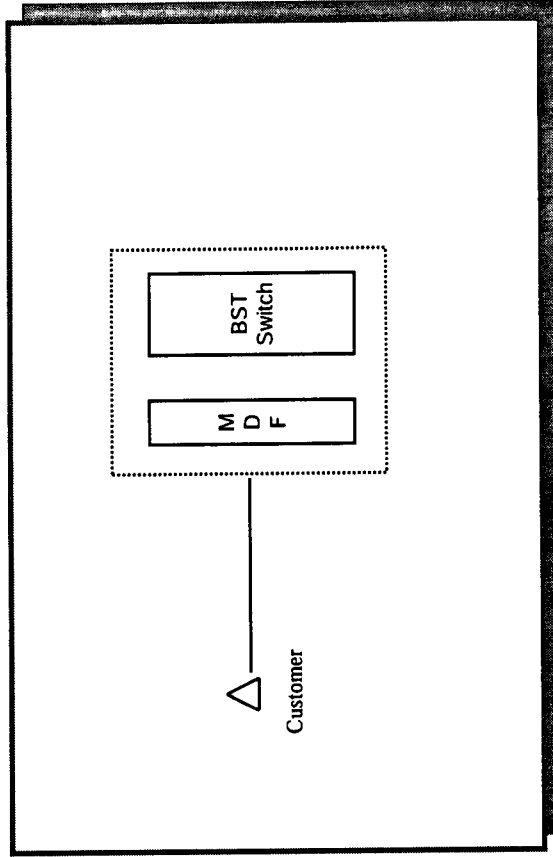
Supplement	
Errors	X
Cancel	
Directory Listing	X

Scenario #213: A residential customer wants to suspend phone service on POTS line for their summer cabin during the winter months.

Scenario Description:

A residential customer with a POTS lines wants to suspend phone service for their summer cabin during the winter months.

Network Configuration:



Scenario Summary:

REQTYPE	E
ACT TYPE	SS
Partial Migration	
Flow-Through	X

Scenario Characteristics:

Provisioning	
Normal Volume	X
Peak Volume	X
EDI	X
TAG	X

Test Case Requirements:

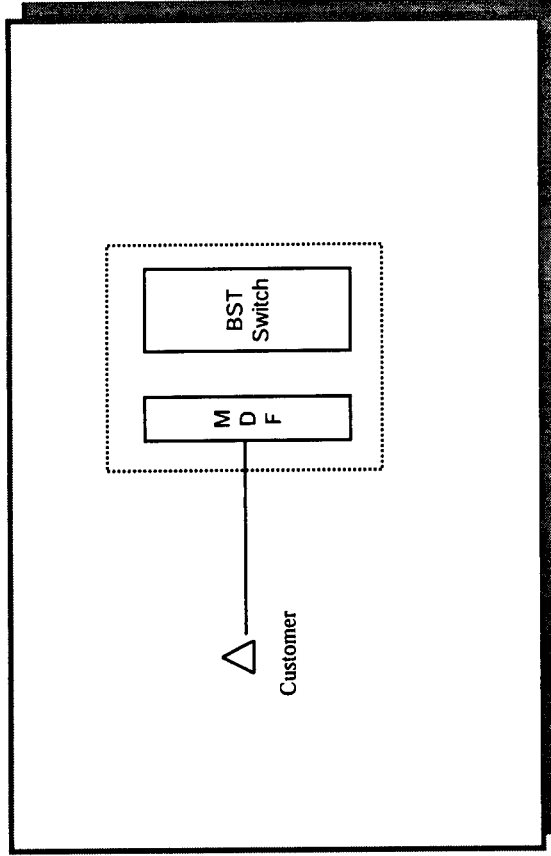
Supplement	
Errors	
Cancel	
Directory Listing	X

Scenario #214: CLEC residential customer wants to restore phone service on POTS line for their summer cabin.

Scenario Description:

CLEC residential customer with a POTS line wants to restore phone service for their summer cabin.

Network Configuration:



Scenario Summary:

REQTYPE	E
ACTTYPE	RS
Partial Migration	
Flow-Through	X

Scenario Characteristics:

Provisioning	
Normal Volume	X
Peak Volume	X
EDI	X
TAG	X

Test Case Requirements:

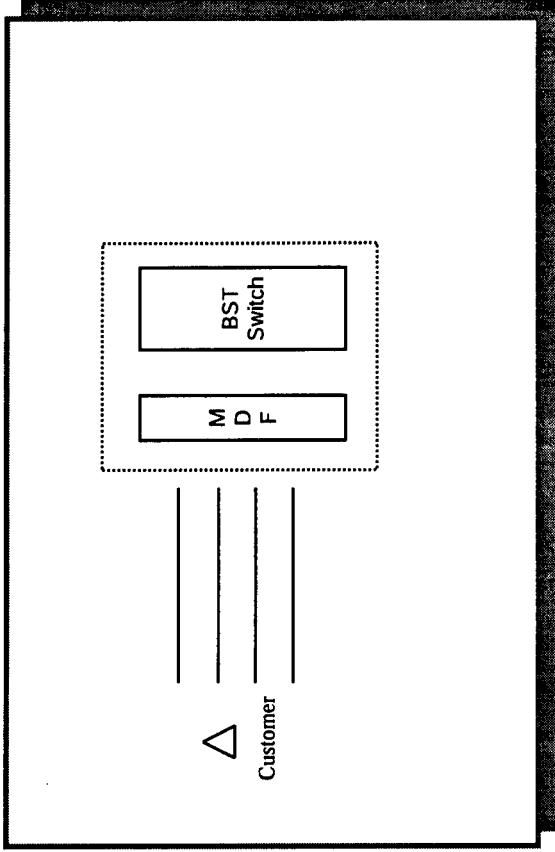
Supplement	
Errors	
Cancel	
Directory Listing	X

Scenario #215: Inside move for CLEC business customer with POTS lines.

Scenario Description:

CLEC business customer moves from the fifth floor to the thirty eighth floor of an office building, keeping services and features on POTS lines the same.

Network Configuration:



Scenario Summary:

REQTYPE	E
ACT TYPE	M
Partial Migration	
Flow-Through	X

Scenario Characteristics:

Provisioning	
Normal Volume	X
Peak Volume	X
EDI	X
TAG	X

Test Case Requirements:

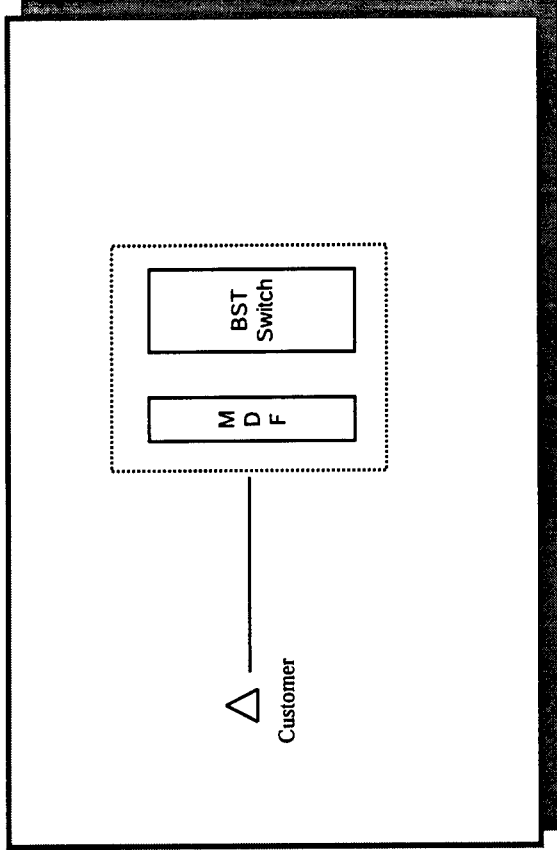
Supplement	
Errors	
Cancel	
Directory Listing	X

Scenario #216: Inside move for CLEC residential customer with POTS line .

Scenario Description:

CLEC residential customer moves apartments within the same apartment building, keeping all products and services on POTS line the same.

Network Configuration:



Scenario Summary:

REQTYPE	E
ACT TYPE	M
Partial Migration	
Flow-Through	X

Scenario Characteristics:

Provisioning	
Normal Volume	X
Peak Volume	X
EDI	X
TAG	X

Test Case Requirements:

Supplement	
Errors	
Cancel	
Directory Listing	X

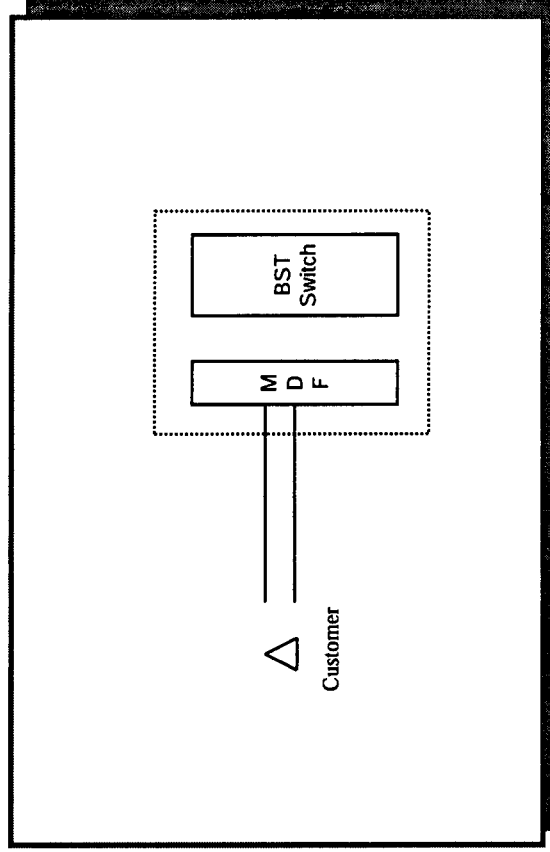
Scenario #217: An existing CLEC business customer changes class of service on POTS line.

Scenario Description:

An existing CLEC business customer changes class of service on POTS line.

Test cases will include variations of class of service.

Network Configuration:



Scenario Summary:

REQTYPE	E
ACT TYPE	C
Partial Migration	
Flow-Through	X

Scenario Characteristics:

Provisioning	
Normal Volume	X
Peak Volume	X
EDI	X
TAG	X

Test Case Requirements:

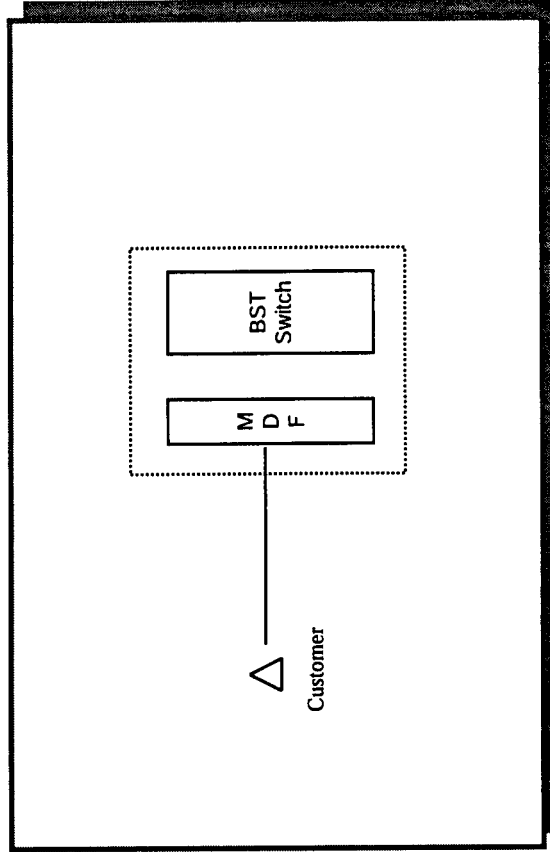
Supplement	
Errors	
Cancel	
Directory Listing	X

Scenario #218: Change TN of CLEC residential customer with POTS line.

Scenario Description:

A residential CLEC customer requests telephone number change for POTS line.

Network Configuration:



Scenario Summary:

REQTYPE	E
ACTTYPE	C
Partial Migration	
Flow-Through	X

Scenario Characteristics:

Provisioning	
Normal Volume	X
Peak Volume	X
EDI	X
TAG	X

Test Case Requirements:

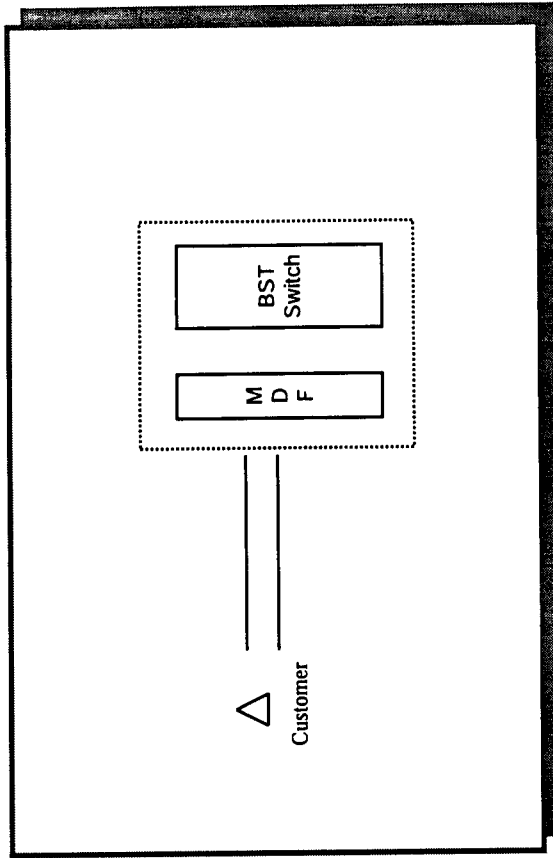
Supplement	
Errors	X
Cancel	
Directory Listing	X

Scenario #219: CLEC residential customer with two POTS lines requests a telephone number change on ancillary line.

Scenario Description:

Due to harassing phone calls, CLEC residential customer with two POTS lines requests a telephone number change on ancillary line. The customer requests that the line is unlisted and there is no referral number on the discontinued number.

Network Configuration:



Scenario Summary:

REQTYPE	E
ACT TYPE	C
Partial Migration	
Flow-Through	X

Scenario Characteristics:

Provisioning	
Normal Volume	X
Peak Volume	X
EDI	X
TAG	X

Test Case Requirements:

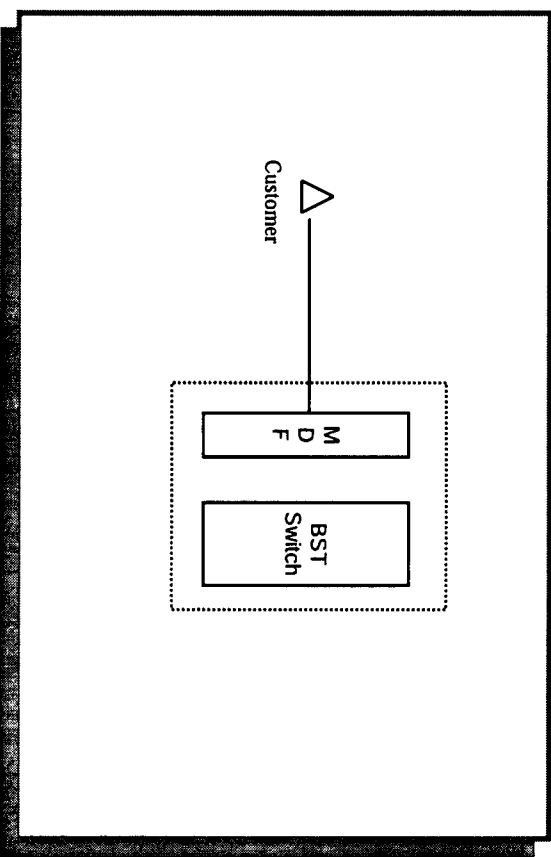
Supplement	
Errors	
Cancel	
Directory Listing	X

Scenario #220: CLEC residential customer with a POTS line changes Long Distance Service Providers.

Scenario Description:

CLEC residential customer with a POTS line decides to switch Long Distance Service Providers.

Network Configuration:



Scenario Summary:

REQTYPE	E
ACT TYPE	C
Partial Migration	
Flow-Through	X

Scenario Characteristics:

Provisioning	
Normal Volume	X
Peak Volume	X
EDI	X
TAG	X

Test Case Requirements:

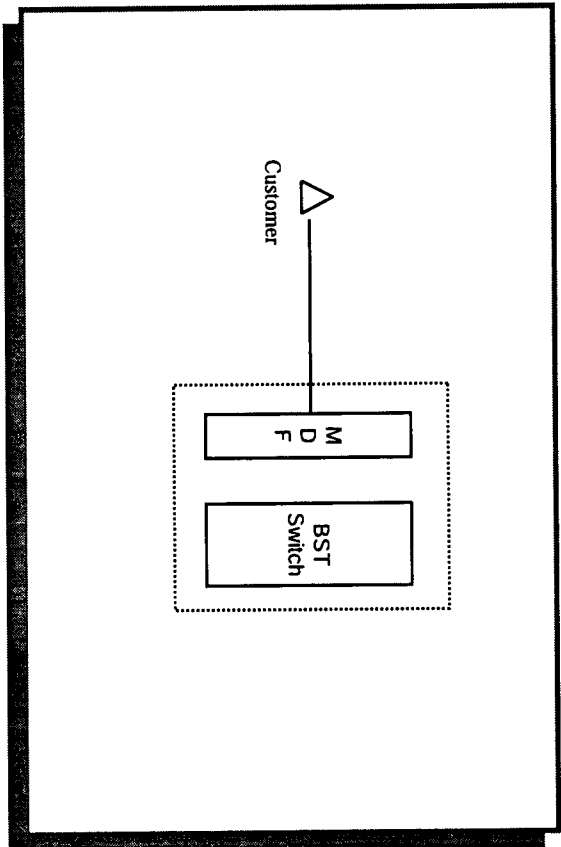
Supplement	
Errors	
Cancel	
Directory Listing	

Scenario #221: CLEC business customer with a POTS line changes Long Distance Service Providers.

Scenario Description:

CLEC business customer with POTS line changes Long Distance Service Providers.

Network Configuration:



Scenario Summary:

REQTYPE	E
ACT TYPE	C
Partial Migration	
Flow-Through	X

Scenario Characteristics:

Provisioning	
Normal Volume	X
Peak Volume	X
EDI	X
TAG	X

Test Case Requirements:

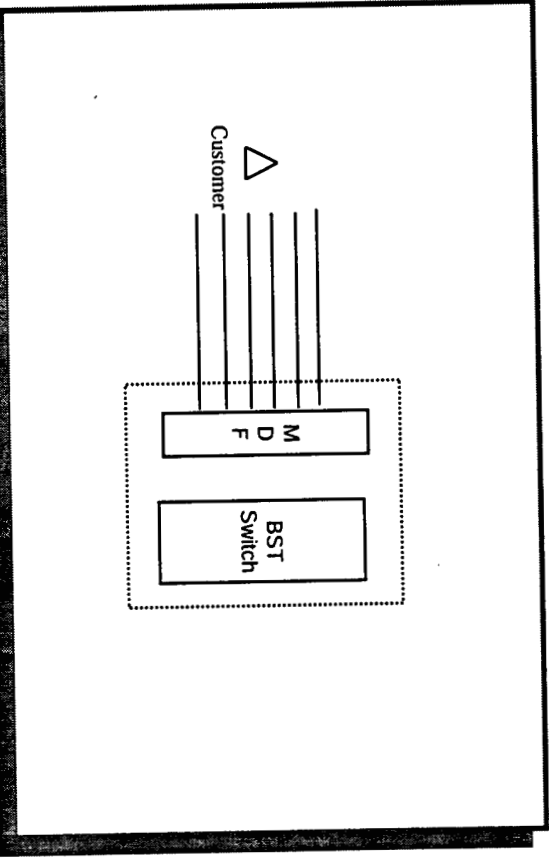
Supplement	
Errors	
Cancel	
Directory Listing	

Scenario #222: Business CLEC customer disconnects four of their six POTS lines.

Scenario Description:

A business CLEC customer disconnects four of their six POTS lines.

Network Configuration:



Scenario Summary:

REQTYPE	E
ACT TYPE	C
Partial Migration	
Flow-Through	X

Scenario Characteristics:

Provisioning	
Normal Volume	X
Peak Volume	X
EDI	X
TAG	X

Test Case Requirements:

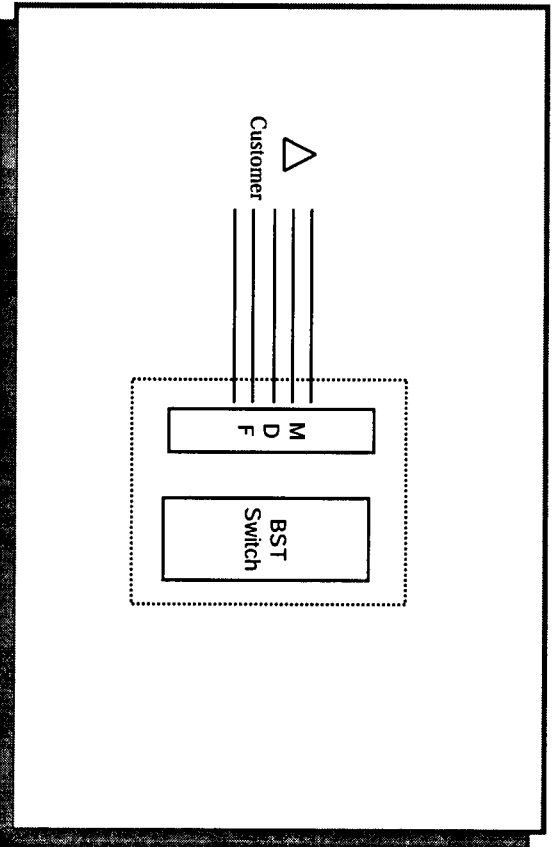
Supplement	
Errors	
Cancel	
Directory Listing	

Scenario #223: A CLEC business customer disconnects all five POTS lines.

Scenario Description:

A CLEC business customer disconnects all five POTS lines.

Network Configuration:



Scenario Summary:

REQTYPE	E
ACT TYPE	D
Partial Migration	
Flow-Through	X

Scenario Characteristics:

Provisioning	
Normal Volume	X
Peak Volume	X
EDI	X
TAG	X

Test Case Requirements:

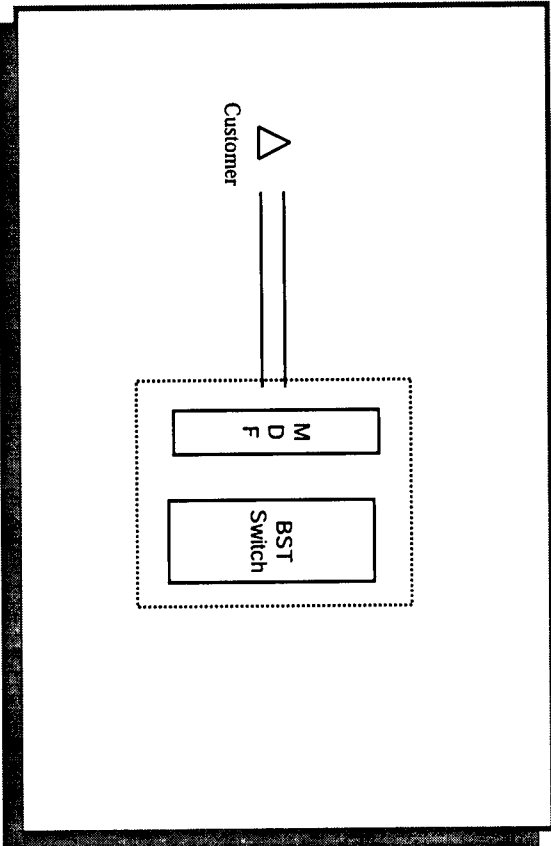
Supplement	
Errors	
Cancel	
Directory Listing	

Scenario #224: A residential CLEC customer disconnects both POTS lines.

Scenario Description:

A residential CLEC customer disconnects both POTS lines.

Network Configuration:



Scenario Summary:

REQTYPE	E
ACT TYPE	D
Partial Migration	
Flow-Through	X

Scenario Characteristics:

Provisioning	
Normal Volume	X
Peak Volume	X
EDI	X
TAG	X

Test Case Requirements:

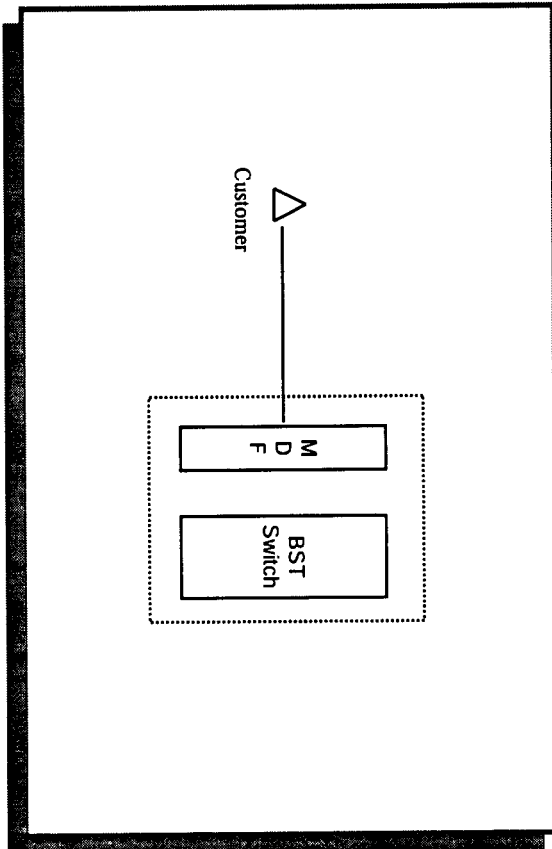
Supplement	
Errors	
Cancel	
Directory Listing	

Scenario #225: A residential customer with POTS line changes information in directory listing.

Scenario Description:

A residential customer changes name in directory listing.

Network Configuration:



Scenario Summary:

REQTYPE	J
ACT TYPE	R
Partial Migration	
Flow-Through	X

Scenario Characteristics:

Provisioning	
Normal Volume	X
Peak Volume	X
EDI	X
TAG	X

Test Case Requirements:

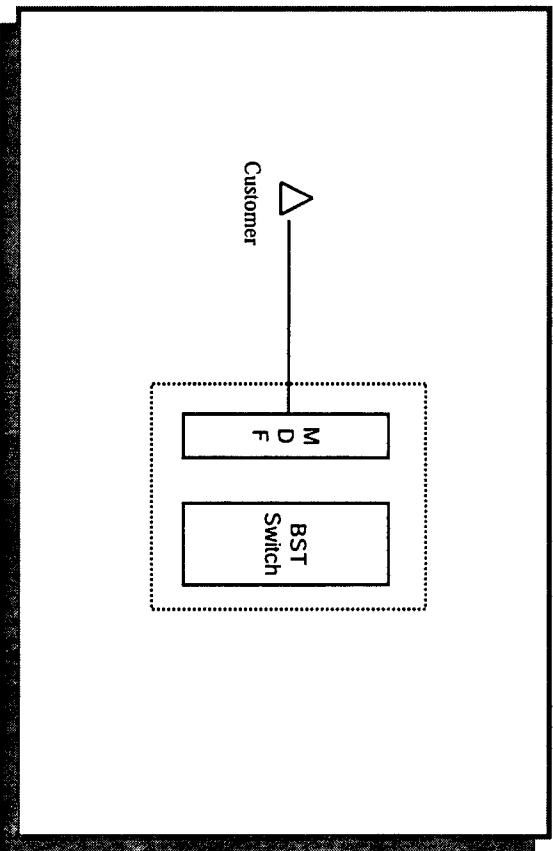
Supplement	
Errors	
Cancel	
Directory Listing	

Scenario #226: CLEC residential customer with POTS line changes information on Directory Listing.

Scenario Description:

CLEC residential customer with POTS line changes customer information on Directory Listing, including billing name and email address.
 Test cases will include variations of Directory Listing change.

Network Configuration:



Scenario Summary:

REQTYPE	NA
ACT TYPE	NA
Partial Migration	
Flow-Through	X

Scenario Characteristics:

Provisioning	
Normal Volume	X
Peak Volume	X
EDI	X
TAG	X

Test Case Requirements:

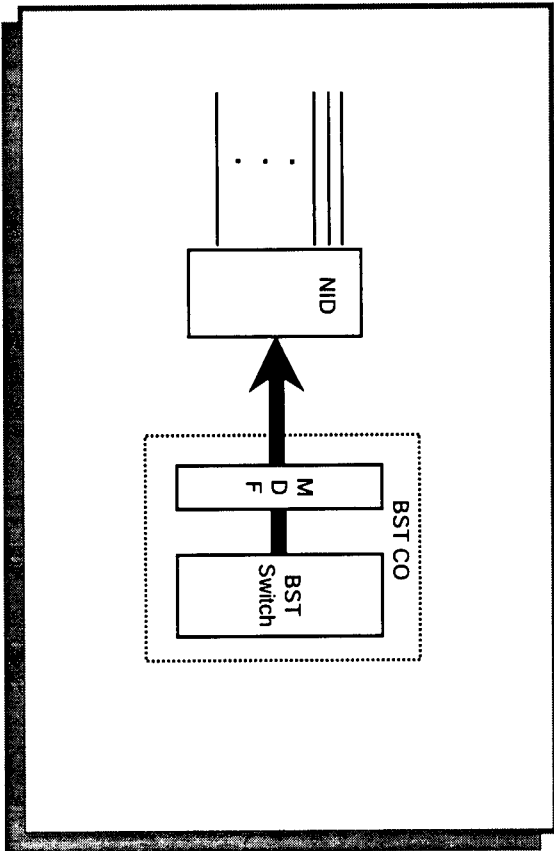
Supplement	
Errors	
Cancel	
Directory Listing	X

Scenario # 227: Migration "As-Is" of a BST business customer with PBX Trunk service to CLEC customer.

Scenario Description:

Business customer with existing BST provided PBX Trunks, orders identical service from CLEC. Migrate customer "as-is" with no change in features or service to CLEC.

Network Configuration:



Scenario Summary:

REQTYPE	E
ACT TYPE	W
Partial Migration	
Flow-Through	X

Scenario Characteristics:

Provisioning	
Normal Volume	X
Peak Volume	X
EDI	X
TAG	X

Test Case Requirements:

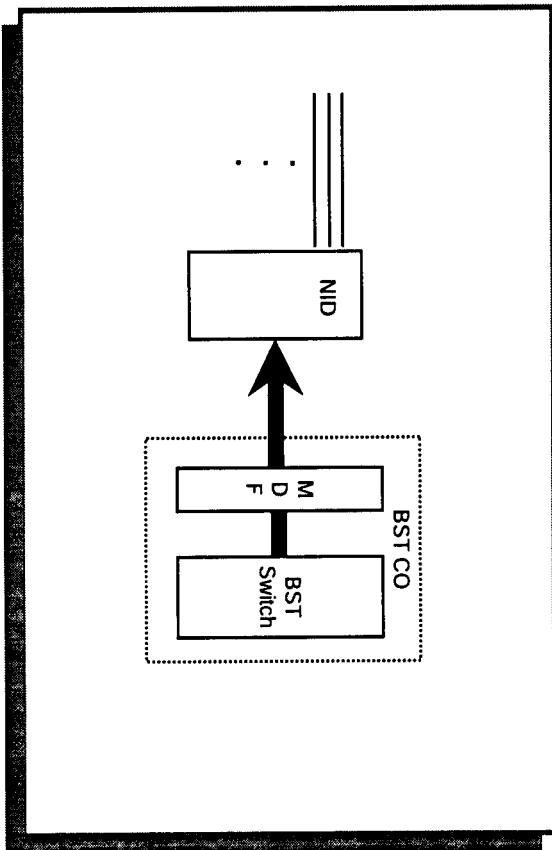
Supplement	
Errors	X
Cancel	
Directory Listing	X

Scenario # 228: Migration "As-Is" of a BST business customer with Analog PBX trunk service to CLEC customer.

Scenario Description:

Business customer with existing BST provided Analog PBX Trunk service orders identical service from CLEC. Migrate customer "as-is" with no change in features or service to CLEC.

Network Configuration:



Scenario Summary:

REQTYPE	E
ACT TYPE	W
Partial Migration	
Flow-Through	X

Scenario Characteristics:

Provisioning	
Normal Volume	X
Peak Volume	X
EDI	X
TAG	X

Test Case Requirements:

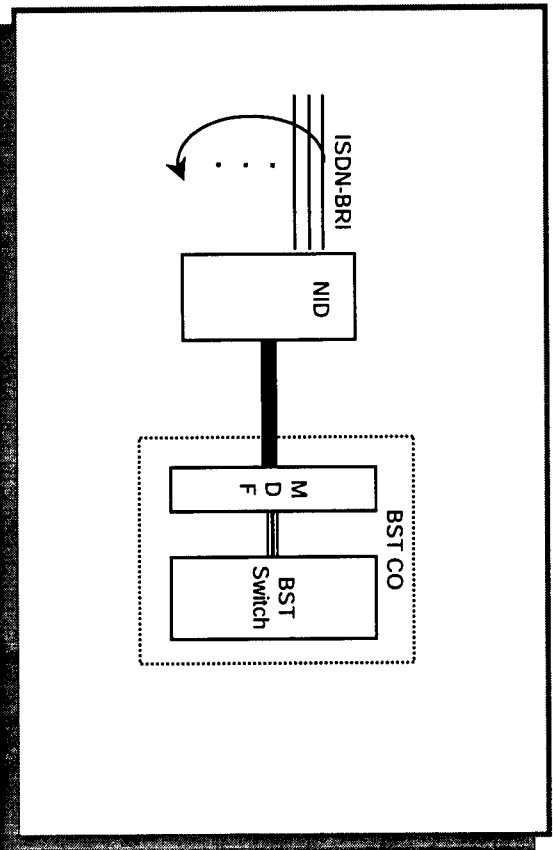
Supplement	
Errors	
Cancel	
Directory Listing	

Scenario # 229: Migrate "As-Is" a BST business customer's ISDN-BRI service to CLEC.

Scenario Description:

Business BST customer wants to migrate their single ISDN-BRI service to CLEC. No changes are required, migrate customer "as-is."

Network Configuration:



Scenario Summary:

REQTYPE	E
ACT TYPE	W
Partial Migration	
Flow-Through	X

Scenario Characteristics:

Provisioning	
Normal Volume	X
Peak Volume	X
EDI	X
TAG	X

Test Case Requirements:

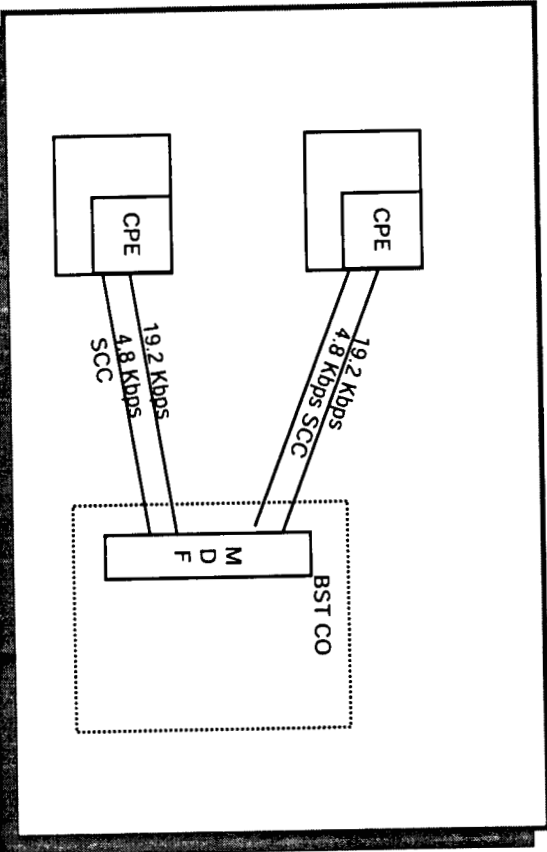
Supplement	
Errors	X
Cancel	
Directory Listing	

Scenario # 230: Migration "As-Is" of a BST business customer with point to point Synchronet service to CLEC.

Scenario Description:

CLEC business customer with Synchronet service wants migrate to a CLEC with no changes in service. Customer currently has network design of dedicated transport between 2 of their offices, both of which reside in the same CO region. Customer wants to keep its current 19.2 Kbps service and its 4.8 Kbps Secondary Channel Capability (SCC) service.

Network Configuration:



Scenario Summary:

REQTYPE	E
ACT TYPE	W
Partial Migration	
Flow-Through	X

Scenario Characteristics:

Provisioning	
Normal Volume	X
Peak Volume	X
EDI	X
TAG	X

Test Case Requirements:

Supplement	
Errors	
Cancel	
Directory Listing	

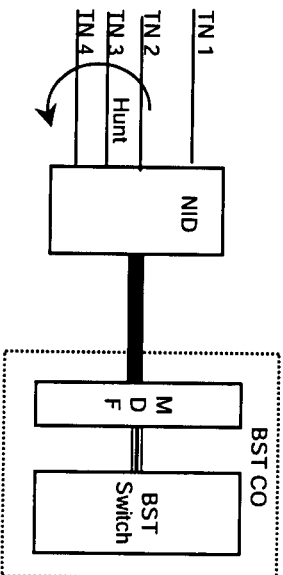
Scenario # 231: Migrate "As Is" of a BST business customer with POTS service in a hunting configuration to CLEC.

Scenario Description:

Business customer with 4 POTS lines wants to change service providers from BellSouth to CLEC. Customer wants to keep services and features the same. Current service includes a sequential hunt group on three of the four lines.

Test cases will include variations on hunting group configuration and features.

Network Configuration:



Scenario Summary:

REQTYPE	E
ACT TYPE	W
Partial Migration	
Flow-Through	X

Scenario Characteristics:

Provisioning	
Normal Volume	X
Peak Volume	X
EDI	X
TAG	X

Test Case Requirements:

Supplement	
Errors	X
Cancel	
Directory Listing	

Appendix B3: UNE Scenarios

UNE Ordering Scenarios

A. Primary Categories

UNE Ordering Scenarios were generated by applying BellSouth's OSS Electronic Ordering business rules and logical business requirements across the following primary categories:

<i>Primary Categories</i>	<i>Definition</i>
1. Product and Services	The UNEs being ordered, configured, or operated upon by the CLEC.
2. Activity Types	The valid account level Activity Types (ACT) for the Requisition Type (REQTYP) of the different UNEs being ordered. ¹ The Activity Type also defines the initial and final LSP for the transaction.
3. Customer Type	The Customer Type category addresses only business and residential end users. The Master Test Plan excludes government type.
4. Flow-Through	A determination of whether or not an electronically submitted order will be processed by BellSouth's OSS without manual intervention through return of FOC.
5. Partial Migration	A determination of whether or not a customer with a multi-line account migrates some of the lines to a new LSP while at least one line remains with the RBOC.
6. UNE Type	The type of UNE that a CLEC can order are Non-Designed (SL1) and Designed (SL2) UNE loops.

Figure B3-I: UNE Scenario Coverage

1. Products and Services

Figure B3-II lists the individual UNEs covered in the Test as a result of the product selection analysis described in Appendix A of this Master Test Plan.

<i>UNE Products</i>
2-Wire Analog Designed Loop
2-Wire Analog Non-Designed Loop
INP
LNP
2-Wire Analog Line Port
2-Wire Analog Loop-Port Combination

¹ LEO Implementation Guide - Volume 1, Issue 7F, March, 1999.

Figure B3-II: UNE Products

2. Activity Types

Figure B3-III describes the UNE Requisition Type (REQTYP) and Figure B3-IV describes the account level UNE Activity Type (ACT) codes defined by BellSouth and referenced throughout this Appendix.²

<i>REQTYP</i>	<i>Description</i>
A	Loop
B	Loop w/ NP
C	NP
F	Port
M	Loop-Port Combination

Figure B3-III: UNE Requisition Types

<i>ACT</i>	<i>Description</i>
A	Add (New Install)
C	Change
D	Disconnect
M	Inside Move
T	Outside Move
R	Record (Administrative)
V	Migrate As-Specified
W	Migrate As-Is
SS	Suspend Service
RS	Restore Service

Figure B3-IV: UNE Activity Types

Figure B3-V summarizes the allowable UNE REQTYP and ACT combinations as defined by BellSouth.

<i>Products and Services</i>	<i>REQTYP</i>	<i>Activity Type</i>									
		<i>A</i>	<i>C</i>	<i>D</i>	<i>M</i>	<i>T</i>	<i>R</i>	<i>V</i>	<i>W</i>	<i>SS</i>	<i>RS</i>
2-Wire Analog Voice Grade Loop	A	x	x	x	x	x	*	x			
2-Wire Analog Voice Grade Loop w/ Number	B		*	*	*	*	*	x			

² Ibid.

Products and Services	REQTYP	Activity Type									
		A	C	D	M	T	R	V	W	SS	RS
Portability											
Number Portability	C		x	x			x	x			
2-Wire Analog Line Port	F	x	x	x			x	x	x	x	x
2-Wire Analog Loop/Port Combination	M	x	x	x	x	x	x	x		x	x

Figure B3-V: UNE REQ TYP and ACT Scenario Coverage

3. Customer Type

The Customer Type category addresses only business and residential end users. The Master Test Plan excludes government.

4. Flow-Through

Flow-Through is defined as orders that have less than 25 lines. Those scenarios which will test flow-through are marked in a checklist box on the description. Since it is not feasible for a residential customer to order over 25 lines, there will only be flow-through scenarios for residential customers

5. Partial Migration

A partial migration occurs when a customer has a multi-line account and migrates some of their lines to a new Local Service Provider (LSP) while at least one line remains with the initial LSP. Only REQTYPE B, C, and F have the option of being partially migrated. Those scenarios which will test flow-through are marked in a "partial migration" checklist box on the description.

6. UNE Type

The type of UNE that a CLEC can order are Non-Designed (SL1) and Designed (SL2) UNE loops.

B. Test Case Definition (Secondary Requirements)

Additional requirements or variables will be introduced below the test scenario level in order to define individual test cases. These secondary requirements will address the following:

- DLR (for 2 wire analog non-designed loops only)
- Coordination (for 2 wire analog non-designed loops only)
- Time-specific coordination (for 2 wire analog non-designed loops only)
- Vertical features (for UNE ports and loop-port combos)
- Directory Listing (for Activity Types A, M, T, and V)

- e.g., change in company name or adding telephone numbers
- Order supplements (for all UNE types)
 - e.g., changes to in-process orders
- Designed errors (for all UNE types)
 - e.g., invalid entries
- Cancels (for all UNE types)

Test scenarios specify the number of lines for a given customer account. This number is subject to change on a test case level based on limitations of the BellSouth test data. The potential change in the number of customer lines will not affect the flow-through status. (Flow-through occurs on orders of up to 15 lines of up to 25 lines.) For example, when a flow-through test scenario requires a business customer account with 8-10 lines and BellSouth's test data only offers an account with either 12-2 or 20-26 lines, the account with 12-2 lines will be used as in the test scenario.

C. UNE Ordering Coverage

The following table illustrates coverage of the UNE ordering test scenarios along the six primary categories described above.

UNE Test Scenario Type	Scenario Numbers
UNE Loop Ordering Test Scenarios	301-324
UNE Loop with INP Ordering Test Scenarios	325-348
UNE Loop with LNP Ordering Test Scenarios	349-372
UNE INP Ordering Test Scenarios	373-382
UNE LNP Ordering Test Scenarios	383-392
UNE INP to LNP Ordering Test Scenarios	393-394
UNE Port Ordering Test Scenarios	395-419
UNE Loop-Port Ordering Test Scenarios	420-445
UNE Standalone Directory Listing Scenarios	450-456

Figure B3-VI: UNE Ordering Coverage

UNE Loop Ordering Test Scenarios

BST No.	Scenario Description	Product/Service		Carrier Disposition		Flow Through		BST Activity Types (Account)												UNE Type		
		From	To	Initial	Final	Y	N	A	C	D	M	T	R	V	W	SS	RS	SL1	SL2			
301	A CLEC orders 492 new SL1 unbundled analog loops from BST in support of a customer's service request.	None	UNE Loop	N/A	CLEC	X		X												X		
302	A CLEC orders 3026 new SL1 unbundled analog loops from BST in support of a new customer's service request.	None	UNE Loop	N/A	CLEC		X	X													X	
303	A CLEC orders 102 new SL2 unbundled analog loops from BST in support of a new customer's service request.	None	UNE Loop	N/A	CLEC	X		X														X
304	A CLEC orders 3026 new SL2 unbundled analog loops from BST in support of a customer's service request.	None	UNE Loop	N/A	CLEC		X	X														X
305	A CLEC orders 102 SL1 unbundled analog loops to support of a full migration service request from an existing BST customer. The customer lines are migrated "as-specified" to the CLEC.	Simple	UNE Loop	BST	CLEC	X														X		
306	A CLEC orders 3026 SL1 unbundled analog loops in support of a full migration service request from an existing BST customer. The customer lines are migrated "as-specified" to the CLEC.	Simple	UNE Loop	BST	CLEC		X														X	
307	A CLEC orders 102 SL2 unbundled analog loops in support of a full migration service request from an existing BST customer. The customer lines are migrated "as-specified" to the CLEC.	Simple	UNE Loop	BST	CLEC	X														X		
308	A CLEC orders 3026 SL2 unbundled analog loops in support of a full migration service request from an existing BST customer. The customer	Simple	UNE Loop	BST	CLEC		X													X		

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BST No.	Scenario Description	Product/Service		Carrier Disposition		Flow Through		BST Activity Types (Account)											UNE Type		
		From	To	Initial	Final	Y	N	A	C	D	M	T	R	V	W	SS	RS	SL1	SL2		
319	An existing CLEC customer moves across town. The CLEC orders an outside move on all 10 both of its customer's SL1 unbundled analog loops from BST.	UNE Loop	UNE Loop	CLEC	CLEC	X	X													X	
320	An existing CLEC customer moves across town. The CLEC orders an outside move on all 10 both of its customer's SL2 unbundled analog loops from BST.	UNE Loop	UNE Loop	CLEC	CLEC	X	X					X									X
321	A CLEC orders a record change on 10 SL1 unbundled analog loops.	UNE Loop	UNE Loop	CLEC	CLEC	X						X								X	
322	A CLEC orders a record change on 10 SL2 unbundled analog loops.	UNE Loop	UNE Loop	CLEC	CLEC	X						X									X
323	An existing CLEC customer is moving to another state. The CLEC orders BST to disconnect all 10 both of its customer's SL1 unbundled analog loops.	UNE Loop	None	CLEC	N/A	X						X								X	
324	An existing CLEC customer is moving to another state. The CLEC orders BST to disconnect all 10 both of its customer's SL2 unbundled analog loops.	UNE Loop	None	CLEC	N/A	X						X									X

Figure B3-VII: UNE Loop Ordering Test Scenarios

UNE Loop with INP Ordering Test Scenarios

BST No.	Scenario Description	Product/Service		Carrier Disposition		Flow Through		BST Activity Types (Account)											UNE Type		Partial Migration	
		From	To	Initial	Final	Y	N	A	C	D	M	T	R	V	W	SS	RS	SL1	SL2	Y	N	
325	A CLEC orders 102 SL1 unbundled analog loops with INP in support of a partial migration service request from an existing BST customer. The customer currently has 146 lines, 4 of	Simple	UNE Loop	BST	CLEC	X	X														X	X

BST No.	Scenario Description	Product/Service		Carrier Disposition		Flow-Through		BST Activity Types (Account)							UNE Type		Partial Migration							
		From	To	Initial	Final	Y	N	A	C	D	M	T	R	V	W	SS	RS	SL1	SL2	Y	N			
326	which stay with BST and 102 are migrated "as-specified" to the CLEC. A CLEC orders 102 SL1 unbundled analog loops with INP in support of a full migration service request from an existing BST customer. The customer lines are migrated "as-specified" to the CLEC.	Simple	UNE Loop	BST	CLEC	X													X				X	
327	A CLEC orders 302 SL1 unbundled analog loops with INP in support of a partial migration service request from an existing BST customer. The customer currently has 3531 lines, 5 of which stay with BST and 3026 are migrated "as-specified" to the CLEC.	Simple	UNE Loop	BST	CLEC		X												X				X	
328	A CLEC orders 302 SL1 unbundled analog loops with INP in support of a full migration service request from an existing BST customer. The customer lines are migrated "as-specified" to the CLEC.	Simple	UNE Loop	BST	CLEC		X												X					X
329	A CLEC orders 102 SL2 unbundled analog loops with INP in support of a partial migration service request from an existing BST customer. The customer currently has 146 lines, 4 of which stay with BST and 102 are migrated "as-specified" to the CLEC.	Simple	UNE Loop	BST	CLEC	X	X												X				X	
330	A CLEC orders 102 SL2 unbundled analog loops with INP in support of a full migration service request from an existing BST customer. The customer lines are migrated "as-specified" to the CLEC.	Simple	UNE Loop	BST	CLEC		X												X					X
331	A CLEC orders 302 SL2 unbundled analog loops with INP in support of a partial migration service request from an existing BST customer. The customer currently has 3531 lines, 5 of which stay with BST and 3026 are migrated "as-specified" to the CLEC.	Simple	UNE Loop	BST	CLEC		X												X				X	

	From	To	Initial	Final	Y	N	A	C	D	M	T	R	V	W	SS	RS	Y	N
373	A CLEC orders INP for 146 partially migrated lines from BST. The customer currently has 146 lines, 4 of which stay with BST and 142 are migrated "as-specified" to the CLEC.	Simple	INP	CLEC	X								X				X	
374	A CLEC orders INP for 142 fully migrated lines from BST.	Simple	INP	CLEC	X								X					X
375	A CLEC orders INP for 30-26 partially migrated lines from BST. The customer currently has 30-31 lines, 5 of which stay with BST and 30-26 are migrated "as-specified" to the CLEC.	Simple	INP	CLEC		X							X				X	
376	A CLEC orders INP for 30-26 fully migrated lines from BST.	Simple	INP	CLEC		X							X					X
377	A CLEC orders INP for 142 lines in support of an existing resale customer being migrated to CLEC facilities.	Resale	INP	CLEC	X								X					
378	A CLEC orders INP for 30-26 lines in support of an existing resale customer being migrated to CLEC facilities.	Resale	INP	CLEC		X							X					
379	A CLEC orders a change on INP for 142 lines in response to a CLEC customer complaint.	INP	INP	CLEC	X	X												
380	A CLEC orders a change on INP for 30-26 lines in response to a CLEC customer complaint.	INP	INP	CLEC		X							X					
381	A CLEC orders a record change on INP for 14 lines.	INP	INP	CLEC	X							X						
382	An existing CLEC customer is moving to another state. The CLEC orders BST to disconnect INP for all 146 of its customer's lines.	INP	None	CLEC	X				X									

Figure B3-X: UNE INP Ordering Test Scenarios

UNE INP Ordering Test Scenarios

BST No.	Scenario Description	Product/Service		Carrier Disposition		Flow Through		BST Activity Types (Account)												Partial Migration	
		From	To	Initial	Final	Y	N	A	C	D	M	T	R	V	W	SS	RS	Y	N		
383	A CLEC orders LNP for 102 partially migrated lines from BST. The customer currently has 146 lines, 4 of which stay with BST and 102 are migrated "as-specified" to the CLEC.	Simple	LNP	BST	CLEC	X	X													X	
384	A CLEC orders LNP for 102 fully migrated lines from BST.	Simple	LNP	BST	CLEC	X															X
385	A CLEC orders LNP for 30-26 partially migrated lines from BST. The customer currently has 35-31 lines, 5 of which stay with BST and 30-26 are migrated "as-specified" to the CLEC.	Simple	LNP	BST	CLEC		X														X
386	A CLEC orders LNP for 30-26 fully migrated lines from BST.	Simple	LNP	BST	CLEC		X														X
387	A CLEC orders LNP for 102 lines in support of an existing resale customer being migrated to CLEC facilities.	Resale	LNP	CLEC	CLEC	X															X
388	A CLEC orders LNP for 30-26 lines in support of an existing resale customer being migrated to CLEC facilities.	Resale	LNP	CLEC	CLEC		X														X
389	A CLEC orders a change on LNP for 10 lines in response to a CLEC customer complaint.	LNP	LNP	CLEC	CLEC	X			X												
390	A CLEC orders a change on LNP for 30 lines in response to a CLEC customer complaint.	LNP	LNP	CLEC	CLEC		X		X												
391	A CLEC orders a record change on LNP for 10 lines.	LNP	LNP	CLEC	CLEC	X															X
392	An existing CLEC customer is moving to another state. The CLEC orders BST to disconnect LNP for all 14 of its customer's lines.	LNP	None	CLEC	N/A	X				X											

Figure B3-XI: UNE LNP Ordering Test Scenarios

UNE LNP to LNP Ordering Test Scenarios

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UNE Loop-Port Ordering Test Scenarios

BST No.	Scenario Description	Product/Service		Carrier Disposition		Flow Through		BST Activity Types (Account)										Customer Type			
		From	To	Initial	Final	Y	N	A	C	D	M	T	R	V	W	SS	RS	Bus	Res		
420	A CLEC orders 102 new business unbundled analog loop - port combinations from BST in support of a new business customer's service request.	None	UNE Loop-Port	N/A	CLEC	X		X												X	
421	A CLEC orders 30-26 new business unbundled analog loop - port combinations from BST in support of a new business customer's service request.	None	UNE Loop-Port	N/A	CLEC		X	X													X
422	A CLEC orders 2 new residential unbundled analog loop - port combinations from BST in support of a new residential customer's service request.	None	UNE Loop-Port	N/A	CLEC	X		X													X
423	A CLEC orders 102 business unbundled analog loop - port combinations in support of a full migration service request from an existing BST business customer. The business customer lines are migrated "as-specified" to the CLEC.	Simple	UNE Loop-Port	BST	CLEC	X														X	
424	A CLEC orders 30-26 business unbundled analog loop - port combinations in support of a full migration service request from an existing BST business customer. The business customer lines are migrated "as-specified" to the CLEC.	Simple	UNE Loop-Port	BST	CLEC		X													X	
425	A CLEC orders 2 residential unbundled analog loop - port combinations in support of a full migration service request from an existing BST residential customer. The residential customer lines are	Simple	UNE Loop-Port	BST	CLEC	X														X	

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BST No.	Scenario Description	Product/Service		Carrier Disposition		Flow-Through		BST Activity Types (Account)											Customer Type	
		From	To	Initial	Final	Y	N	A	C	D	M	T	R	V	W	SS	RS	Bus	Res	
	unbundled loop-port combinations.																			

Figure B3-XIV: UNE Loop-Port Ordering Test Scenarios

BST No.	Scenario Description	Product/Service		Carrier Disposition		Flow-Through		BST Activity Types (Account)											Customer Type	
		From	To	Initial	Final	Y	N	A	C	D	M	T	R	V	W	SS	RS	Bus	Res	
450	A facilities-based CLEC orders a directory listing (only) for a new business customer.	N/A	Dir. Lstg.	N/A	CLEC	Y													X	
451	A facilities-based CLEC orders a residential directory listing (only) for a new residential customer.	N/A	Dir. Lstg.	N/A	CLEC	Y													X	X
452	A CLEC orders an additional directory listing in support of a service request from an existing business loop port combination customer.	UNE loop/port	UNE loop/port w/addl Lstgs	CLEC	CLEC	Y													X	
453	A CLEC orders an additional directory listing in support of a service request from an existing residential loop port combination customer.	UNE loop/port	UNE loop/port w/addl Lstgs	CLEC	CLEC	Y													X	X
454	An existing CLEC residential loop port combination customer requests a directory listing change.	UNE loop/port	UNE loop/port w/a Chg Lstg	CLEC	CLEC	Y													X	X

BST No.	Scenario Description	Product/Service		Carrier Disposition		Flow-Through		BST Activity Types (Account)										Customer Type	
		From	To	Initial	Final	Y	N	A	C	D	M	T	R	V	W	SS	RS	Bus	Res
455	An existing CLEC business loop port combination customer requests a directory listing change.	UNE loop/port	UNE loop/port w/a Chg	CLEC	CLEC	Y												X	
456	An existing CLEC multiline business loop port combination customer requests an additional main directory listing.	UNE loop/port	UNE loop/port w/addl Lstg	CLEC	CLEC	Y												X	

Figure B3-XV: UNE Standalone Directory Listing Test Scenarios

D. UNE Ordering Test Scenarios

Scenario #	Order Description
UNE Loop Ordering Test Scenarios	
301	A CLEC orders 102 new SL1 unbundled analog loops from BST in support of a customer's service request.
302	A CLEC orders 30-26 new SL1 unbundled analog loops from BST in support of a new customer's service request.
303	A CLEC orders 102 new SL2 unbundled analog loops from BST in support of a new customer's service request.
304	A CLEC orders 30-26 new SL2 unbundled analog loops from BST in support of a customer's service request.
305	A CLEC orders 102 SL1 unbundled analog loops to support of a full migration service request from an existing BST customer. The customer lines are migrated "as-specified" to the CLEC.
306	A CLEC orders 30-26 SL1 unbundled analog loops in support of a full migration service request from an existing BST customer. The customer lines are migrated "as-specified" to the CLEC.
307	A CLEC orders 102 SL2 unbundled analog loops in support of a full migration service request from an existing BST customer. The customer lines are migrated "as-specified" to the CLEC.
308	A CLEC orders 30-26 SL2 unbundled analog loops in support of a full migration service request from an existing BST customer. The customer lines are migrated "as-specified" to the CLEC.
309	A CLEC orders 102 SL1 unbundled analog loops from BST for one of its resale customers.
310	A CLEC orders 30-26 SL1 unbundled analog loops from BST for one of its resale customers.
311	A CLEC orders 102 SL2 unbundled analog loops from BST for one of its resale customers.
312	A CLEC orders 30-26 SL2 unbundled analog loops from BST for one of its resale customers.
313	A CLEC orders a change on 10 SL1 unbundled analog loops in response to a CLEC customer complaint.
314	A CLEC orders a change on 30 SL1 unbundled analog loops in response to a CLEC customer complaint.
315	A CLEC orders a change - add a loop to an existing account - on 102 SL2 unbundled analog loops in response to a CLEC customer complaint.
316	A CLEC orders a change - add a loop to an existing account - on 30-26 SL2 unbundled analog loops in response to a CLEC customer complaint.
317	An existing CLEC customer moves from the 3rd to the 5th floor. The CLEC orders an inside move on all 10 both of its customer's SL1 unbundled analog loops from BST.

Scenario #	Order Description
318	An existing CLEC customer moves from the 3rd to the 5th floor. The CLEC orders an inside move on all-10 <u>both</u> of its customer's SL2 unbundled analog loops from BST.
319	An existing CLEC customer moves across town. The CLEC orders an outside move on all-10 <u>both</u> of its customer's SL1 unbundled analog loops from BST.
320	An existing CLEC customer moves across town. The CLEC orders an outside move on all-10 <u>both</u> of its customer's SL2 unbundled analog loops from BST.
321	A CLEC orders a record change on 10 SL1 unbundled analog loops.
322	A CLEC orders a record change on 10 SL2 unbundled analog loops.
323	An existing CLEC customer is moving to another state. The CLEC orders BST to disconnect all-10 <u>both</u> of its customer's SL1 unbundled analog loops.
324	An existing CLEC customer is moving to another state. The CLEC orders BST to disconnect all-10 <u>both</u> of its customer's SL2 unbundled analog loops.
UNE Loop with INP Ordering Test Scenarios	
325	A CLEC orders 10 <u>2</u> SL1 unbundled analog loops with INP in support of a partial migration service request from an existing BST customer. The customer currently has 14 <u>6</u> lines, 4 of which stay with BST and 10 <u>2</u> are migrated "as-specified" to the CLEC.
326	A CLEC orders 10 <u>2</u> SL1 unbundled analog loops with INP in support of a full migration service request from an existing BST customer. The customer lines are migrated "as-specified" to the CLEC.
327	A CLEC orders 30 <u>26</u> SL1 unbundled analog loops with INP in support of a partial migration service request from an existing BST customer. The customer currently has 35 <u>31</u> lines, 5 of which stay with BST and 30 <u>26</u> are migrated "as-specified" to the CLEC.
328	A CLEC orders 30 <u>26</u> SL1 unbundled analog loops with INP in support of a full migration service request from an existing BST customer. The customer lines are migrated "as-specified" to the CLEC.
329	A CLEC orders 10 <u>2</u> SL2 unbundled analog loops with INP in support of a partial migration service request from an existing BST customer. The customer currently has 14 <u>6</u> lines, 4 of which stay with BST and 10 <u>2</u> are migrated "as-specified" to the CLEC.
330	A CLEC orders 10 <u>2</u> SL2 unbundled analog loops with INP in support of a full migration service request from an existing BST customer. The customer lines are migrated "as-specified" to the CLEC.
331	A CLEC orders 30 <u>26</u> SL2 unbundled analog loops with INP in support of a partial migration service request from an existing BST customer. The customer currently has 35 <u>31</u> lines, 5 of which stay with BST and 30 <u>26</u> are migrated "as-specified" to the CLEC.
332	A CLEC orders 30 <u>26</u> SL2 unbundled analog loops with INP in support of a full migration service request from an existing BST customer. The customer lines are migrated "as-specified" to the CLEC.
333	A CLEC orders 10 <u>2</u> SL1 unbundled analog loops with INP from BST for one of its

Scenario #	Order Description
	resale customers.
334	A CLEC orders 30 <u>26</u> SL1 unbundled analog loops with INP from BST for one of its resale customers.
335	A CLEC orders 10 <u>2</u> SL2 unbundled analog loops with INP from BST for one of its resale customers.
336	A CLEC orders 30 <u>26</u> SL2 unbundled analog loops with INP from BST for one of its resale customers.
337	A CLEC orders a change on 10 SL1 unbundled analog loops with INP in response a CLEC customer complaint.
338	A CLEC orders a change on 30 SL1 unbundled analog loops with INP in response a CLEC customer complaint.
339	A CLEC orders a change on 10 SL2 unbundled analog loops with INP in response a CLEC customer complaint.
340	A CLEC orders a change on 30 SL2 unbundled analog loops with INP in response a CLEC customer complaint.
341	An existing CLEC customer moves from the 3rd to the 5th floor. The CLEC orders an inside move on all 10 of its customer's SL1 unbundled analog loops with INP from BST.
342	An existing CLEC customer moves from the 3rd to the 5th floor. The CLEC orders an inside move on all 10 of its customer's SL2 unbundled analog loops with INP from BST.
343	An existing CLEC customer moves across town. The CLEC orders an outside move on all 10 of its customer's SL1 unbundled analog loops with INP from BST.
344	An existing CLEC customer moves across town. The CLEC orders an outside move on all 30 of its customer's SL2 unbundled analog loops with INP from BST.
345	A CLEC orders a record change on 10 SL1 unbundled analog loops with INP.
346	A CLEC orders a record change on 10 SL2 unbundled analog loops with INP.
347	An existing CLEC customer is moving to another state. The CLEC orders BST to disconnect all 10 of its customer's SL1 unbundled analog loops with INP.
348	An existing CLEC customer is moving to another state. The CLEC orders BST to disconnect all 10 of its customer's SL2 unbundled analog loops with INP.
UNE Loop with LNP Ordering Test Scenarios	
349	A CLEC orders 10 <u>2</u> SL1 unbundled analog loops with LNP in support of a partial migration service request from an existing BST customer. The customer currently has 146 lines, 4 of which stay with BST and 10 <u>2</u> are migrated "as-specified" to the CLEC.
350	A CLEC orders 10 <u>2</u> SL1 unbundled analog loops with LNP in support of a full migration service request from an existing BST customer. The customer lines are migrated "as-specified" to the CLEC.
351	A CLEC orders 30 <u>26</u> SL1 unbundled analog loops with LNP in support of a partial migration service request from an existing BST customer. The customer currently has 3531 lines, 5 of which stay with BST and 30 <u>26</u> are migrated "as-specified" to the CLEC.

<i>Scenario #</i>	<i>Order Description</i>
352	A CLEC orders 30-26 SL1 unbundled analog loops with LNP in support of a full migration service request from an existing BST customer. The customer lines are migrated "as-specified" to the CLEC.
353	A CLEC orders 102 SL2 unbundled analog loops with LNP in support of a partial migration service request from an existing BST customer. The customer currently has 146 lines, 4 of which stay with BST and 102 are migrated "as-specified" to the CLEC.
354	A CLEC orders 102 SL2 unbundled analog loops with LNP in support of a full migration service request from an existing BST customer. The customer lines are migrated "as-specified" to the CLEC.
355	A CLEC orders 30-26 SL2 unbundled analog loops with LNP in support of a partial migration service request from an existing BST customer. The customer currently has 3531 lines, 5 of which stay with BST and 3026 are migrated "as-specified" to the CLEC.
356	A CLEC orders 30-26 SL2 unbundled analog loops with LNP in support of a full migration service request from an existing BST customer. The customer lines are migrated "as-specified" to the CLEC.
357	A CLEC orders 102 SL1 unbundled analog loops with LNP from BST for one of its resale customers.
358	A CLEC orders 30-26 SL1 unbundled analog loops with LNP from BST for one of its resale customers.
359	A CLEC orders 102 SL2 unbundled analog loops with LNP from BST for one of its resale customers.
360	A CLEC orders 30-26 SL2 unbundled analog loops with LNP from BST for one of its resale customers.
361	A CLEC orders a change on 10 SL1 unbundled analog loops with LNP in response a CLEC customer complaint.
<u>361</u>	A CLEC orders a full migration of 2 retail business lines with listings "as is" to 2 SL1 unbundled analog loops with LNP.
362	A CLEC orders a change on 30 SL1 unbundled analog loops with LNP in response a CLEC customer complaint.
363	A CLEC orders a change on 10 SL2 unbundled analog loops with LNP in response a CLEC customer complaint.
364	A CLEC orders a change on 30 SL2 unbundled analog loops with LNP in response a CLEC customer complaint.
365	An existing CLEC customer moves from the 3rd to the 5th floor. The CLEC orders an inside move on all 10 of its customer's SL1 unbundled analog loops with LNP from BST.
366	An existing CLEC customer moves from the 3rd to the 5th floor. The CLEC orders an inside move on all 10 of its customer's SL2 unbundled analog loops with LNP from BST.
367	An existing CLEC customer moves across town. The CLEC orders an outside move on all 10 of its customer's SL1 unbundled analog loops with LNP from BST.

Scenario #	Order Description
368	An existing CLEC customer moves across town. The CLEC orders an outside move on all 30 of its customer's SL2 unbundled analog loops with LNP from BST.
369	A CLEC orders a record change on 10 SL1 unbundled analog loops with LNP.
370	A CLEC orders a record change on 10 SL2 unbundled analog loops with LNP.
371	An existing CLEC customer is moving to another state. The CLEC orders BST to disconnect all 10 of its customer's SL1 unbundled analog loops with LNP.
372	An existing CLEC customer is moving to another state. The CLEC orders BST to disconnect all 10 of its customer's SL2 unbundled analog loops with LNP.
UNE INP Ordering Test Scenarios	
373	A CLEC orders INP for 402 partially migrated lines from BST. The customer currently has 446 lines, 4 of which stay with BST and 402 are migrated "as-specified" to the CLEC.
374	A CLEC orders INP for 402 fully migrated lines from BST.
375	A CLEC orders INP for 3026 partially migrated lines from BST. The customer currently has 3531 lines, 5 of which stay with BST and 3026 are migrated "as-specified" to the CLEC.
376	A CLEC orders INP for 3026 fully migrated lines from BST.
377	A CLEC orders INP for 402 lines in support of an existing resale customer being migrated to CLEC facilities.
378	A CLEC orders INP for 3026 lines in support of an existing resale customer being migrated to CLEC facilities.
379	A CLEC orders a change on INP for 402 lines in response to a CLEC customer complaint.
380	A CLEC orders a change on INP for 3026 lines in response to a CLEC customer complaint.
381	A CLEC orders a record change on INP for 10 lines.
382	An existing CLEC customer is moving to another state. The CLEC orders BST to disconnect INP for all 446 of its customer's lines.
UNE LNP Ordering Test Scenarios	
383	A CLEC orders LNP for 402 partially migrated lines from BST. The customer currently has 446 lines, 4 of which stay with BST and 402 are migrated "as-specified" to the CLEC.
384	A CLEC orders LNP for 402 fully migrated lines from BST.
385	A CLEC orders LNP for 3026 partially migrated lines from BST. The customer currently has 3531 lines, 5 of which stay with BST and 3026 are migrated "as-specified" to the CLEC.
386	A CLEC orders LNP for 3026 fully migrated lines from BST.
387	A CLEC orders LNP for 402 lines in support of an existing resale customer being migrated to CLEC facilities.
388	A CLEC orders LNP for 3026 lines in support of an existing resale customer being migrated to CLEC facilities.
389	A CLEC orders a change on LNP for 10 lines in response to a CLEC customer complaint.

Scenario #	Order Description
390	A CLEC orders a change on LNP for 30 lines in response to a CLEC customer complaint.
391	A CLEC orders a record change on LNP for 10 lines.
392	An existing CLEC customer is moving to another state. The CLEC orders BST to disconnect LNP for all 14 of its customer's lines.
UNE INP to LNP Ordering Test Scenarios	
393	A CLEC orders a change from INP to LNP for 102 lines.
394	A CLEC orders a change from INP to LNP for 30-26 lines.
UNE Port Ordering Test Scenarios	
395	A CLEC orders 102 new business unbundled analog ports from BST in support of a new business customer's service request.
396	A CLEC orders 30-26 new business unbundled analog ports from BST in support of a new business customer's service request.
397	A CLEC orders 2 new residential unbundled analog ports from BST in support of a new business customer's service request.
398	A CLEC orders 102 business unbundled analog ports in support of a partial migration service request from an existing BST business customer. The business customer currently has 146 lines, 4 of which stay with BST and 102 are migrated "as-specified" to the CLEC.
399	A CLEC orders 102 business unbundled analog ports in support of a full migration service request from an existing BST business customer. The business customer lines are migrated "as-specified" to the CLEC.
400	A CLEC orders 30-26 business unbundled analog ports in support of a partial migration service request from an existing BST business customer. The business customer currently has 3531 lines, 5 of which stay with BST and 3026 are migrated "as-specified" to the CLEC.
401	A CLEC orders 30-26 business unbundled analog ports in support of a full migration service request from an existing BST business customer. The business customer lines are migrated "as-specified" to the CLEC.
402	A CLEC orders 2 residential unbundled analog ports in support of a partial migration service request from an existing BST residential customer. The residential customer currently has 3 lines, 1 of which stay with BST and 2 are migrated "as-specified" to the CLEC.
403	A CLEC orders 2 residential unbundled analog ports in support of a full migration service request from an existing BST residential customer. The residential customer lines are migrated "as-specified" to the CLEC.
404	A CLEC orders 102 business unbundled analog ports from BST for one of its resale business customers.
405	A CLEC orders 30-26 business unbundled analog ports from BST for one of its resale business customers.
406	A CLEC orders 3 residential unbundled analog ports from BST for one of its resale residential customers.
407	A CLEC orders a change - add call waiting - on 102 business unbundled analog

<i>Scenario #</i>	<i>Order Description</i>
	ports in response to a CLEC customer complaint.
408	A CLEC orders a change on 30-26 business unbundled analog ports in response to a CLEC customer complaint.
409	A CLEC orders a change - add call waiting - on 2 residential unbundled analog ports in response to a CLEC customer complaint.
410	A CLEC orders a record change on 10 business unbundled analog ports.
411	A CLEC orders a record change on 1 residential unbundled analog port.
412	A CLEC orders a suspend on 102 business unbundled analog ports.
413	A CLEC orders a suspend on 30-26 business unbundled analog ports.
414	A CLEC orders a suspend on 2 residential unbundled analog ports.
415	A CLEC orders a restore on 102 business unbundled analog ports.
416	A CLEC orders a restore on 30-26 business unbundled analog ports.
417	A CLEC orders a restore on 2 residential unbundled analog ports.
418	An existing CLEC business customer is going out of business. The CLEC orders BST to disconnect all 10 both of its customer's unbundled analog ports.
419	An existing CLEC residential customer is moving to another state. The CLEC orders BST to disconnect both of its customer's unbundled analog ports from BST.
UNE Loop-Port Ordering Test Scenarios	
420	A CLEC orders 102 new business unbundled analog loop - port combinations from BST in support of a new business customer's service request.
421	A CLEC orders 30-26 new business unbundled analog loop - port combinations from BST in support of a new business customer's service request.
422	A CLEC orders 2 new residential unbundled analog loop - port combinations from BST in support of a new residential customer's service request.
423	A CLEC orders 102 business unbundled analog loop - port combinations in support of a full migration service request from an existing BST business customer. The business customer lines are migrated "as-specified" to the CLEC.
424	A CLEC orders 30-26 business unbundled analog loop - port combinations in support of a full migration service request from an existing BST business customer. The business customer lines are migrated "as-specified" to the CLEC.
425	A CLEC orders 2 residential unbundled analog loop - port combinations in support of a full migration service request from an existing BST residential customer. The residential customer lines are migrated "as-specified" to the CLEC.
426	A CLEC orders 102 business unbundled analog loop - port combinations from BST for one of its resale business customers.
427	A CLEC orders 30-26 business unbundled analog loop - port combinations from BST for one of its resale business customers.
428	A CLEC orders 2 residential unbundled analog loop - port combinations from BST for one of its resale residential customers.
429	A CLEC orders a change on 102 business unbundled analog loop - port combinations in response to a CLEC customer complaint.
430	A CLEC orders a change on 30-26 business unbundled analog loop - port combinations in response to a CLEC customer complaint.

<i>Scenario #</i>	<i>Order Description</i>
431	A CLEC orders a change on 1 residential unbundled analog loop - port combination in response to a CLEC customer complaint.
432	An existing CLEC business customer moves from the 3rd to the 5th floor in an office complex. The CLEC orders an inside move on all 10 both of its customer's unbundled analog loop - port combinations from BST.
433	An existing CLEC residential customer moves from the 2 nd to the 3rd floor in an apartment building. The CLEC orders an inside move on its customer's unbundled analog loop - port combination from BST.
434	An existing CLEC business customer moves from the 3rd to the 5 th floor in an office complex. The CLEC orders an outside move on all 10 both of its customer's unbundled analog loop - port combinations from BST.
435	An existing CLEC residential customer moves across town. The CLEC orders an outside move on its customer's unbundled analog loop - port combination from BST.
436	A CLEC orders a record change on 10 business unbundled analog loop - port combinations.
437	A CLEC orders a record change on 1 residential unbundled analog loop - port combination.
438	A CLEC orders a suspend on 102 business unbundled analog loop - port combinations.
439	A CLEC orders a suspend on 30-26 business unbundled analog loop - port combinations.
440	A CLEC orders a suspend on 2 residential unbundled analog loop - port combinations.
441	A CLEC orders a restore on 102 business unbundled analog loop - port combinations.
442	A CLEC orders a restore on 30-26 business unbundled analog loop - port combinations.
443	A CLEC orders a restore on 2 residential unbundled analog loop - port combinations.
444	An existing CLEC customer is moving to another state. The CLEC orders BST to disconnect all 10 both of its unbundled loop-port combinations.
445	An existing CLEC customer is moving to another state. The CLEC orders BST to disconnect both of its unbundled loop-port combinations.
UNE Standalone Directory Listing Scenarios	
450	A facilities-based CLEC orders a directory listing (only) for a new business customer.
451	A facilities-based CLEC orders a directory listing (only) for a new residential customer.
452	A CLEC orders an additional directory listing in support of a service request from an existing business loop port combination customer.
453	A CLEC orders an additional directory listing in support of a service request from an existing residential loop port combination customer.

<i>Scenario #</i>	<i>Order Description</i>
<u>454</u>	<u>An existing CLEC residential loop port combination customer requests a directory listing change.</u>
<u>455</u>	<u>An existing CLEC business loop port combination customer requests a directory listing change.</u>
<u>456</u>	<u>An existing CLEC multiline business loop port combination customer requests an additional main directory listing.</u>

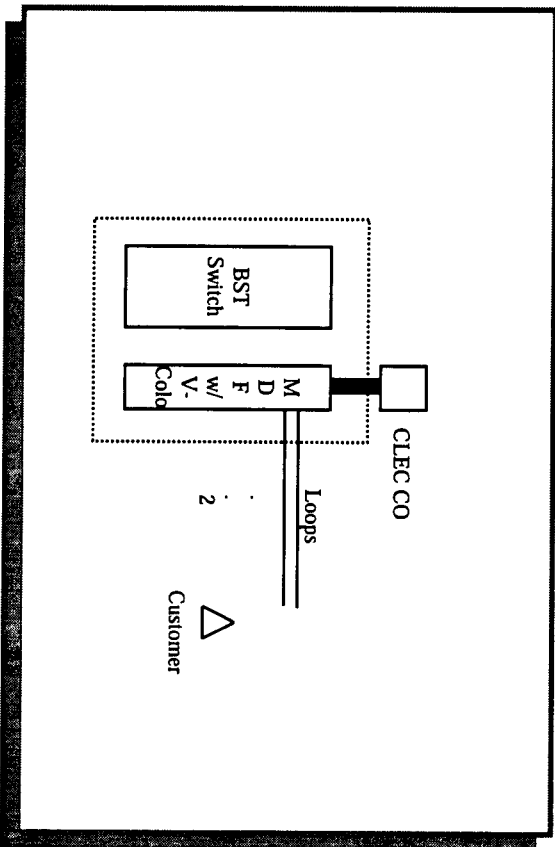
Figure B3-XVI: UNE Ordering Test Scenarios

Scenario # 301: A CLEC orders 2 new SL 1 unbundled analog loops from BST.

Scenario Description:

A CLEC orders 2 new SL 1 unbundled analog loops from BST in support of a customer's service request.

Network Configuration:



Scenario Summary:

REQTYPE	A
ACT TYPE	A
Partial Migration	
Flow-Through	X

Scenario Characteristics:

Provisioning	X
Normal Volume	X
Peak Volume	X
EDI	X
TAG	X

Test Case Requirements:

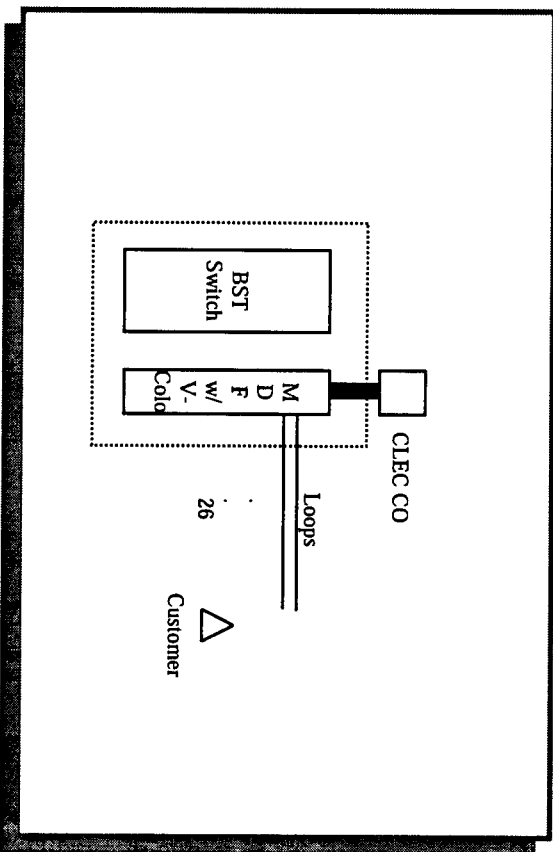
Supplement	X
Errors	X
Cancel	
Directory Listing	X

Scenario # 302: A CLEC orders 26 new SL 1 unbundled analog loops from BST.

Scenario Description:

A CLEC orders 26 new SL 1 unbundled analog loops from BST in support of a new customer's service request.

Network Configuration:



Scenario Summary:

REQTYPE	A
ACT TYPE	A
Partial Migration	
Flow-Through	

Scenario Characteristics:

Provisioning	
Normal Volume	X
Peak Volume	X
EDI	X
TAG	X

Test Case Requirements:

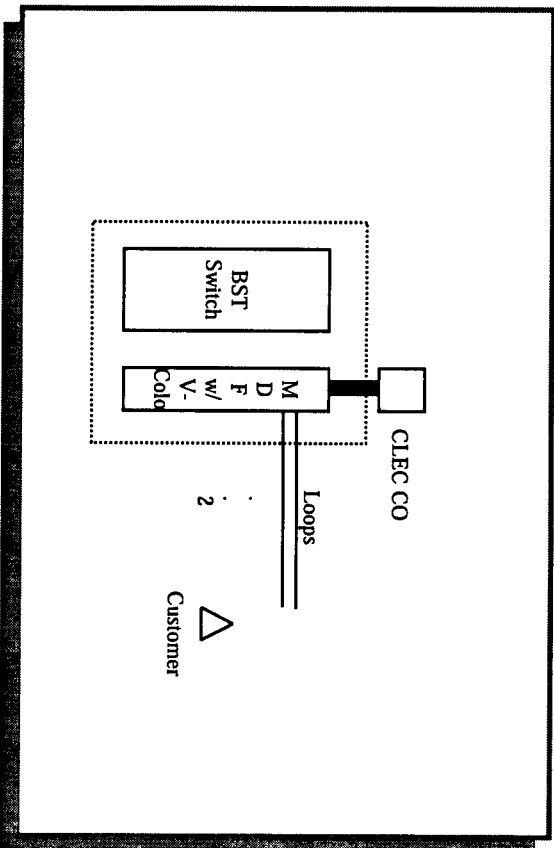
Supplement	X
Errors	X
Cancel	
Directory Listing	X

Scenario # 303: A CLEC orders 2 new SL2 unbundled analog loops from BST.

Scenario Description:

A CLEC orders 2 new SL2 unbundled analog loops from BST in support of a new customer's service request.

Network Configuration:



Scenario Summary:

REQTYPE	A
ACT TYPE	A
Partial Migration	
Flow-Through	X

Scenario Characteristics:

Provisioning	X
Normal Volume	X
Peak Volume	X
EDI	X
TAG	X

Test Case Requirements:

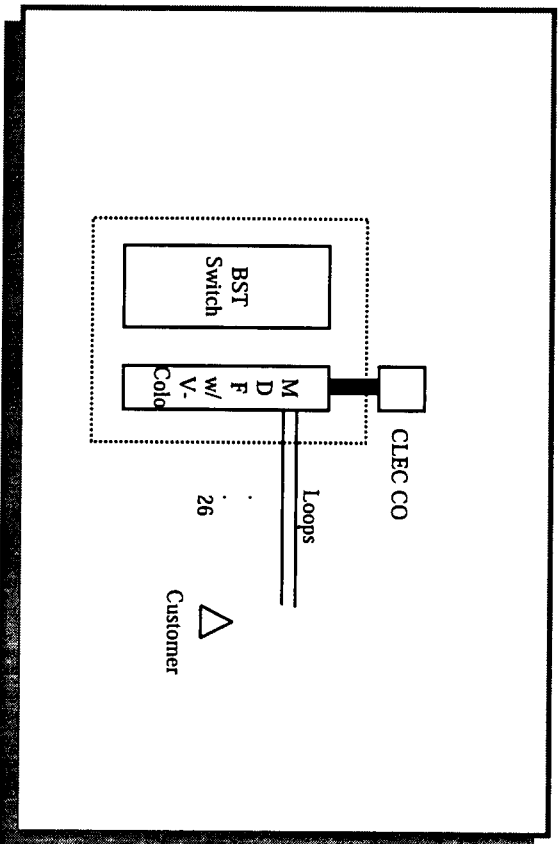
Supplement	X
Errors	X
Cancel	X
Directory Listing	X

Scenario # 304: A CLEC orders 26 new SL2 unbundled analog loops from BST.

Scenario Description:

A CLEC orders 26 new SL2 unbundled analog loops from BST in support of a customer's service request.

Network Configuration:



Scenario Summary:

REQTYPE	A
ACT TYPE	A
Partial Migration	
Flow-Through	

Scenario Characteristics:

Provisioning	
Normal Volume	X
Peak Volume	X
EDI	X
TAG	X

Test Case Requirements:

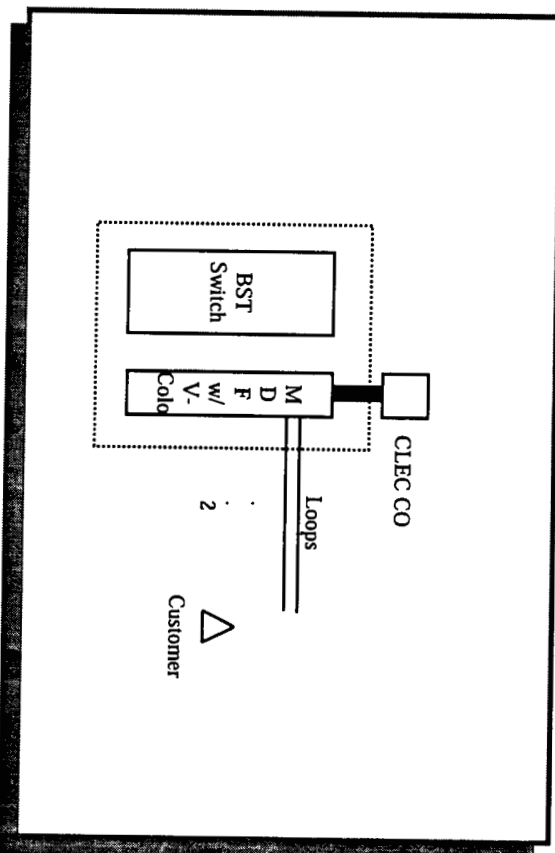
Supplement	X
Errors	X
Cancel	
Directory Listing	X

Scenario # 305: A CLEC orders 2 SL 1 unbundled analog loops in support of a full migration service request from an existing BST customer.

Scenario Description:

A CLEC orders 2 SL 1 unbundled analog loops to support of a full migration service request from an existing BST customer. The customer lines are migrated "as-specified" to the CLEC.

Network Configuration:



Scenario Summary:

REO TYPE	A
ACT TYPE	V
Partial Migration	
Flow-Through	X

Scenario Characteristics:

Provisioning	X
Normal Volume	X
Peak Volume	X
EDI	X
TAG	X

Test Case Requirements:

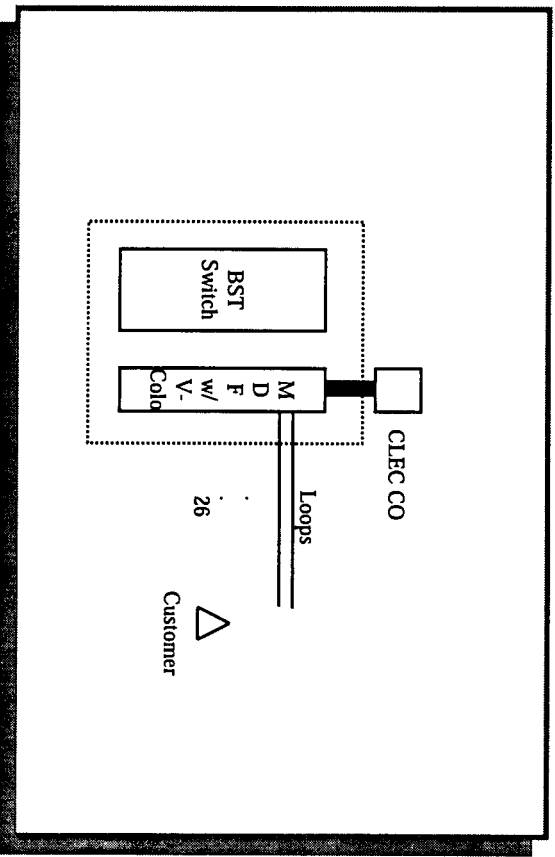
Supplement	X
Errors	X
Cancel	
Directory Listing	X

Scenario # 306: A CLEC orders 26 SL1 unbundled analog loops in support of a full migration service request from an existing BST customer.

Scenario Description:

A CLEC orders 26 SL1 unbundled analog loops in support of a full migration service request from an existing BST customer. The customer lines are migrated "as-specified" to the CLEC.

Network Configuration:



Scenario Summary:

REQTYPE	A
ACT TYPE	V
Partial Migration	
Flow-Through	

Scenario Characteristics:

Provisioning	
Normal Volume	X
Peak Volume	X
EDI	X
TAG	X

Test Case Requirements:

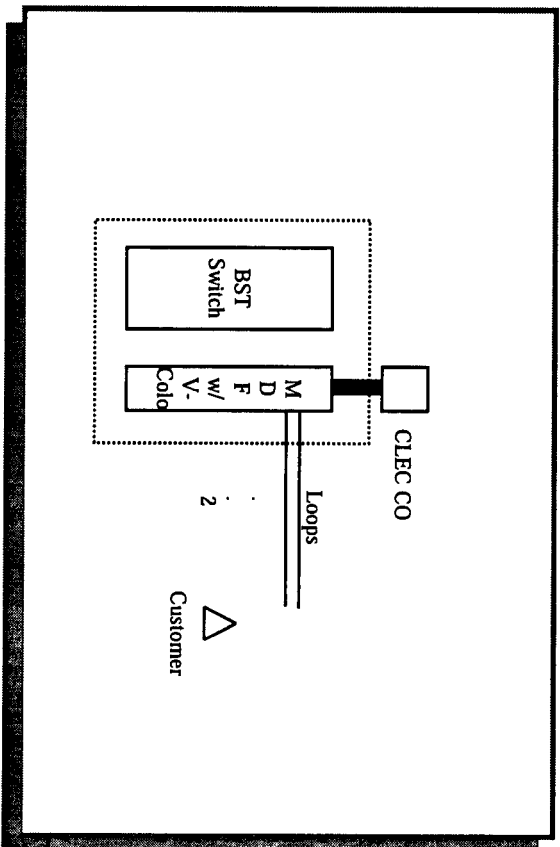
Supplement	X
Errors	X
Cancel	X
Directory Listing	X

Scenario # 307: A CLEC orders 2 SL2 unbundled analog loops in support of a full migration service request from an existing BST customer.

Scenario Description:

A CLEC orders 2 SL2 unbundled analog loops in support of a full migration service request from an existing BST customer. The customer lines are migrated "as-specified" to the CLEC.

Network Configuration:



Scenario Summary:

REQTYPE	A
ACT TYPE	V
Partial Migration	
Flow-Through	X

Scenario Characteristics:

Provisioning	X
Normal Volume	X
Peak Volume	X
EDI	X
TAG	X

Test Case Requirements:

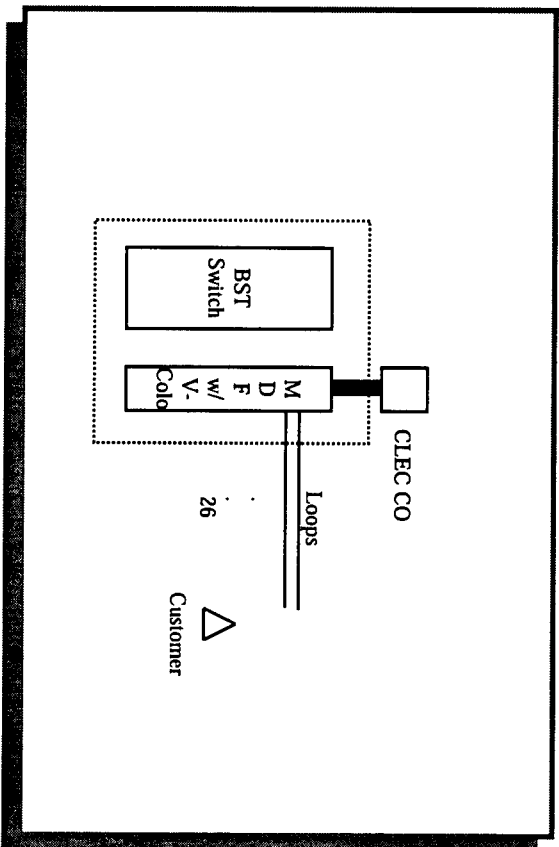
Supplement	X
Errors	X
Cancel	
Directory Listing	X

Scenario # 308: A CLEC orders 26 SL2 unbundled analog loops in support of a full migration service request from an existing BST customer.

Scenario Description:

A CLEC orders 26 SL2 unbundled analog loops in support of a full migration service request from an existing BST customer. The customer lines are migrated "as-specified" to the CLEC.

Network Configuration:



Scenario Summary:

REQTYPE	A
ACT TYPE	V
Partial Migration	
Flow-Through	

Scenario Characteristics:

Provisioning	
Normal Volume	X
Peak Volume	X
EDI	X
TAG	X

Test Case Requirements:

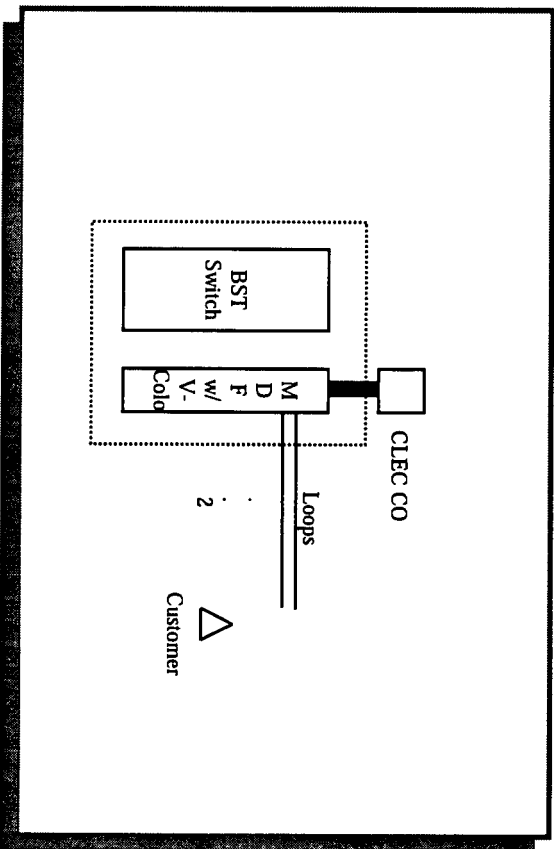
Supplement	X
Errors	X
Cancel	
Directory Listing	X

Scenario # 309: A CLEC orders 2 SL1 unbundled analog loops from BST for one of its resale customers.

Scenario Description:

A CLEC orders 2 SL1 unbundled analog loops from BST for one of its resale customers.

Network Configuration:



Scenario Summary:

REO TYPE	A
ACT TYPE	V
Partial Migration	
Flow-Through	X

Scenario Characteristics:

Provisioning	X
Normal Volume	X
Peak Volume	X
EDI	X
TAG	X

Test Case Requirements:

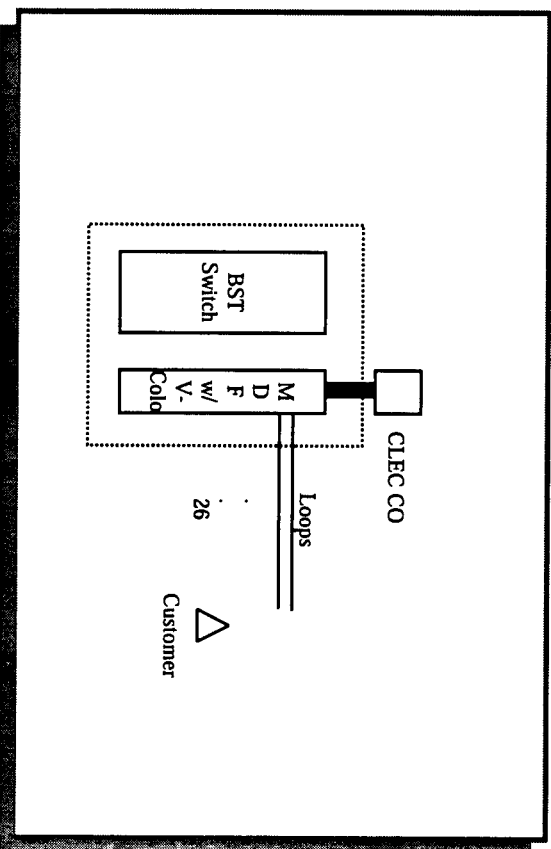
Supplement	X
Errors	X
Cancel	
Directory Listing	X

Scenario # 310: A CLEC orders 26 SL1 unbundled analog loops from BST for one of its resale customers.

Scenario Description:

A CLEC orders 26 SL1 unbundled analog loops from BST for one of its resale customers.

Network Configuration:



Scenario Summary:

REQTYPE	A
ACTTYPE	V
Partial Migration	
Flow-Through	

Scenario Characteristics:

Provisioning	
Normal Volume	X
Peak Volume	X
EDI	X
TAG	X

Test Case Requirements:

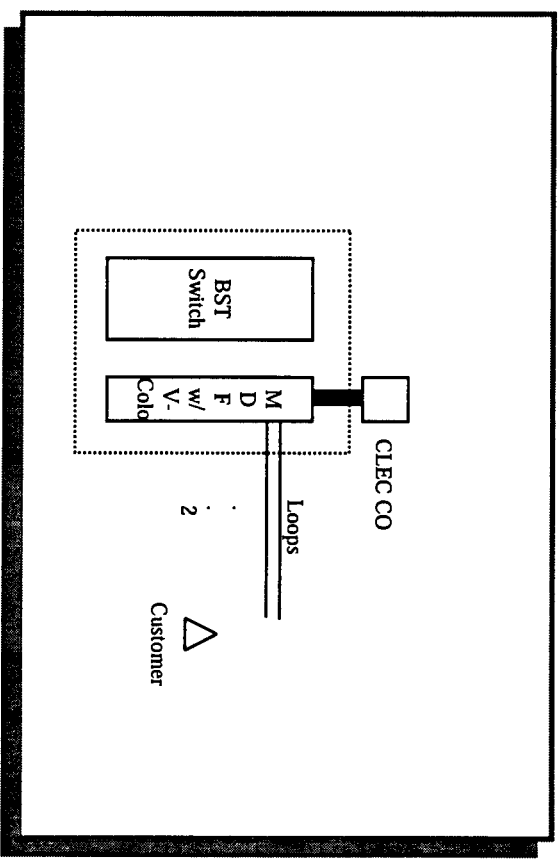
Supplement	X
Errors	X
Cancel	X
Directory Listing	X

Scenario # 311: A CLEC orders 2 SL2 unbundled analog loops from BST for one of its resale customers.

Scenario Description:

A CLEC orders 2 SL2 unbundled analog loops from BST for one of its resale customers.

Network Configuration:



Scenario Summary:

REQTYPE	A
ACTTYPE	V
Partial Migration	
Flow-Through	X

Scenario Characteristics:

Provisioning	X
Normal Volume	X
Peak Volume	X
EDI	X
TAG	X

Test Case Requirements:

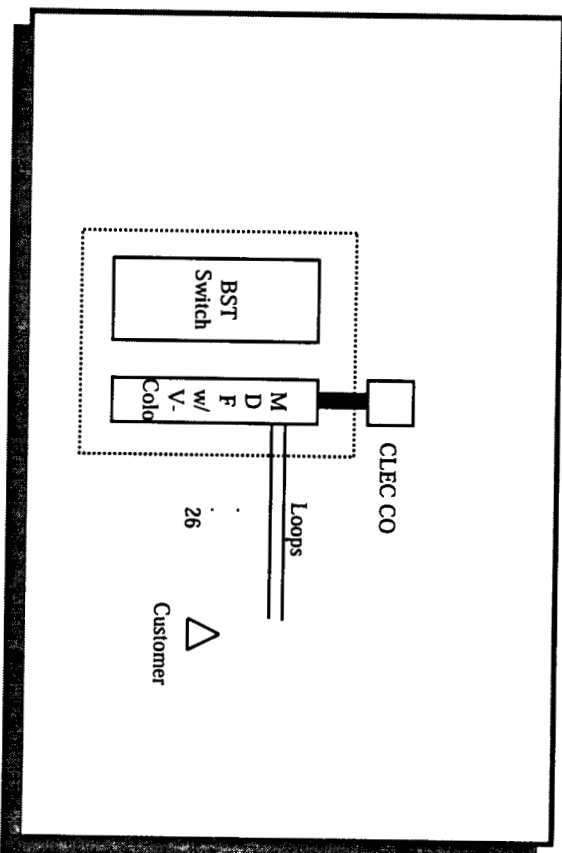
Supplement	X
Errors	X
Cancel	
Directory Listing	X

Scenario # 312: A CLEC orders 26 SL2 unbundled analog loops from BST for one of its resale customers.

Scenario Description:

A CLEC orders 26 SL2 unbundled analog loops from BST for one of its resale customers.

Network Configuration:



Scenario Summary:

REQTYPE	A
ACT TYPE	V
Partial Migration	
Flow-Through	

Scenario Characteristics:

Provisioning	
Normal Volume	X
Peak Volume	X
EDI	X
TAG	X

Test Case Requirements:

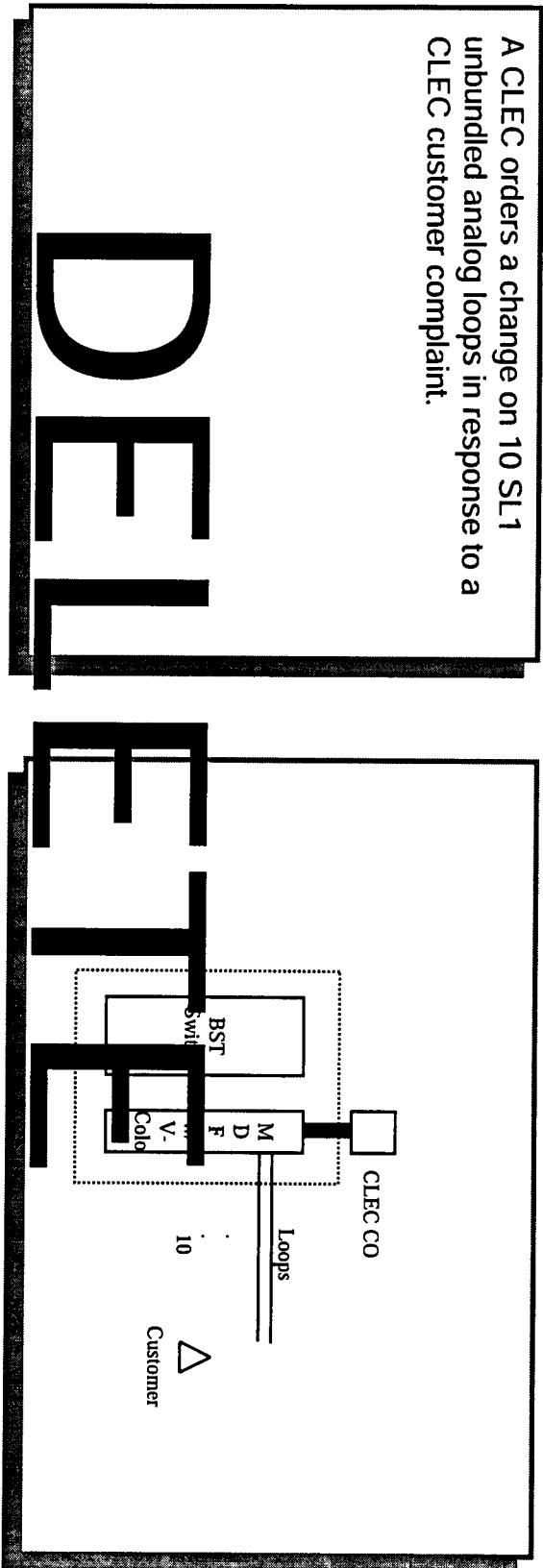
Supplement	X
Errors	X
Cancel	X
Directory Listing	X

Scenario # 313: A CLEC orders a change on 10 SL 1 unbundled analog loops in response to a CLEC customer complaint.

Scenario Description:

A CLEC orders a change on 10 SL 1 unbundled analog loops in response to a CLEC customer complaint.

Network Configuration:



DELETE

Scenario Summary:

REQTYPE	A
ACT TYPE	C
Partial Migration	
Flow-Through	X

Scenario Characteristics:

Provisioning	X
Normal Volume	X
Peak Volume	X
EDI	X
TAG	X

Test Case Requirements:

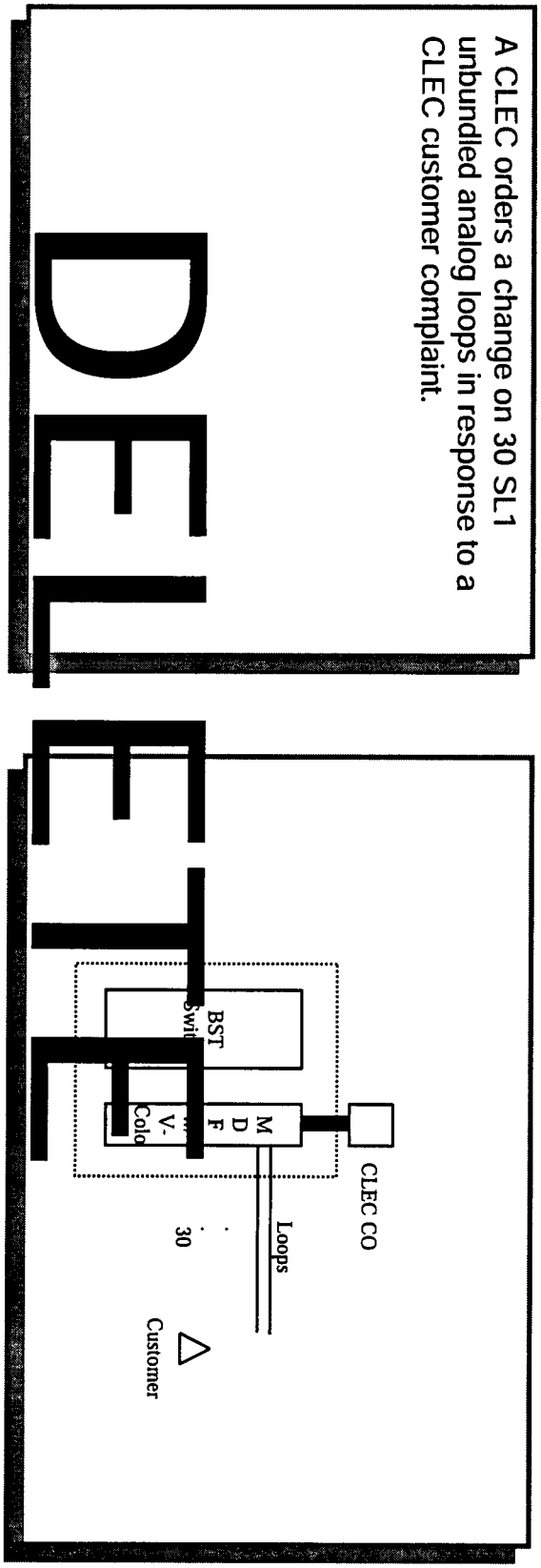
Supplement	X
Errors	X
Cancel	X
Directory Listing	

Scenario # 314: A CLEC orders a change on 30 SL 1 unbundled analog loops in response to a CLEC customer complaint.

Scenario Description:

A CLEC orders a change on 30 SL 1 unbundled analog loops in response to a CLEC customer complaint.

Network Configuration:



Scenario Summary:

REO TYPE	A
ACT TYPE	C
Partial Migration	
Flow-Through	

Scenario Characteristics:

Provisioning	
Normal Volume	
Peak Volume	
EDI	X
TAG	X

Test Case Requirements:

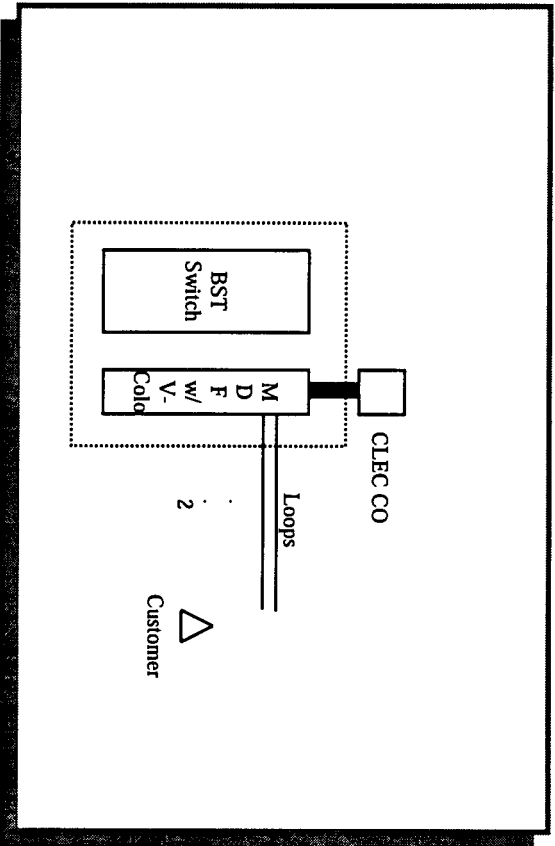
Supplement	X
Errors	X
Cancel	
Directory Listing	

Scenario # 315: A CLEC orders a change - add a loop to an existing account - on 2 SL2 unbundled analog loops in response to a CLEC customer complaint.

Scenario Description:

A CLEC orders a change - add a loop to an existing account - on 2 SL2 unbundled analog loops in response to a CLEC customer complaint.

Network Configuration:



Scenario Summary:

REQTYPE	A
ACT TYPE	C
Partial Migration	
Flow-Through	X

Scenario Characteristics:

Provisioning	X
Normal Volume	X
Peak Volume	X
EDI	X
TAG	X

Test Case Requirements:

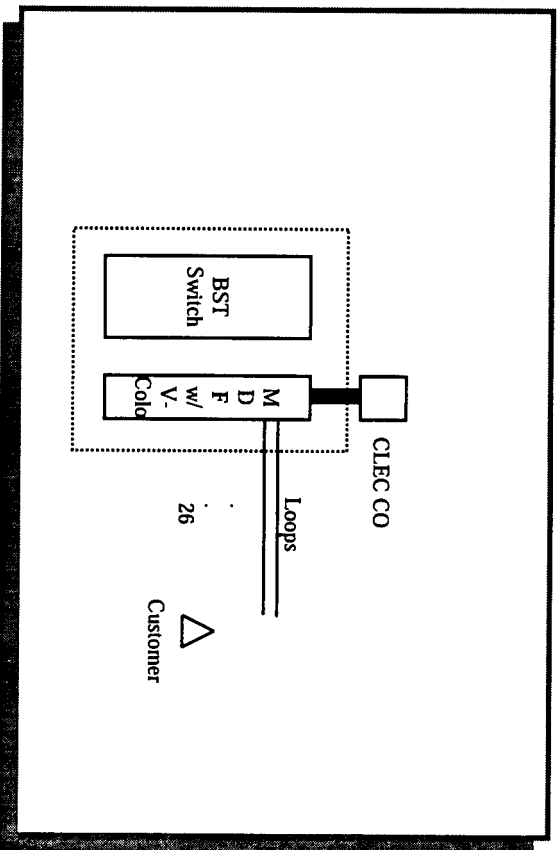
Supplement	X
Errors	X
Cancel	
Directory Listing	

Scenario # 316: A CLEC orders a change - add a loop to an existing account - on 26 SL2 unbundled analog loops in response to a CLEC customer complaint.

Scenario Description:

A CLEC orders a change - add a loop to an existing account - on 26 SL2 unbundled analog loops in response to a CLEC customer complaint.

Network Configuration:



Scenario Summary:

REO TYPE	A
ACT TYPE	C
Partial Migration	
Flow-Through	

Scenario Characteristics:

Provisioning	
Normal Volume	
Peak Volume	
EDI	X
TAG	X

Test Case Requirements:

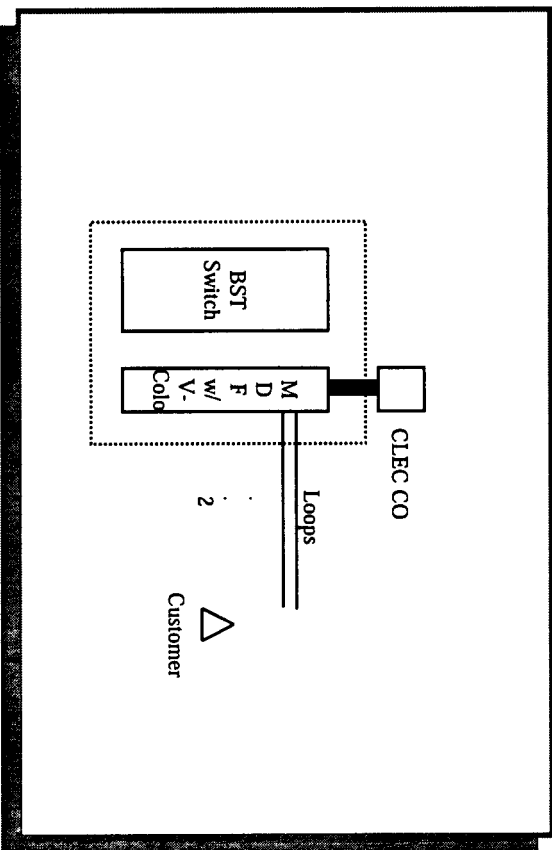
Supplement	X
Errors	X
Cancel	
Directory Listing	

Scenario # 317: An existing CLEC customer moves from the 3rd to the 5th floor. The CLEC orders an inside move on both of its customer's SL 1 unbundled analog loops from BST.

Scenario Description:

An existing CLEC customer moves from the 3rd to the 5th floor. The CLEC orders an inside move on both of its customer's SL 1 unbundled analog loops from BST.

Network Configuration:



Scenario Summary:

REQTYPE	A
ACT TYPE	M
Partial Migration	
Flow-Through	

Scenario Characteristics:

Provisioning	X
Normal Volume	X
Peak Volume	X
EDI	X
TAG	X

Test Case Requirements:

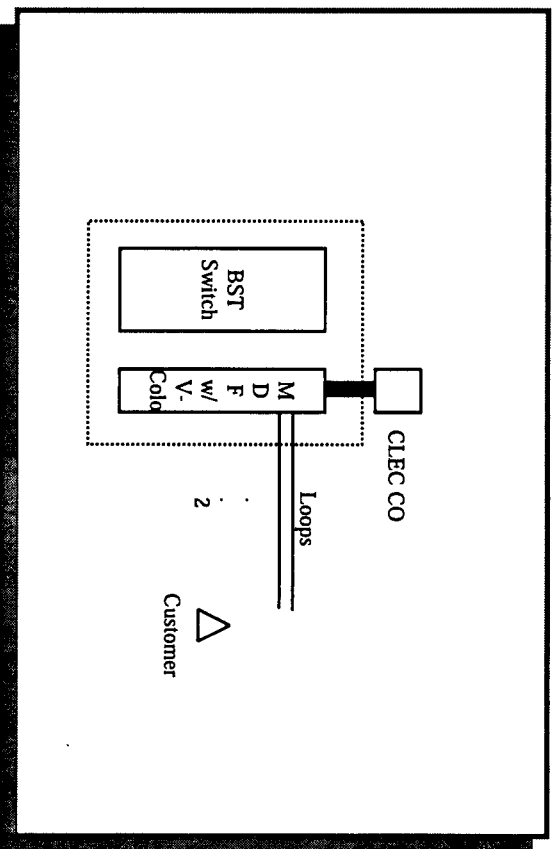
Supplement	X
Errors	X
Cancel	X
Directory Listing	X

Scenario # 318: An existing CLEC customer moves from the 3rd to the 5th floor. The CLEC orders an inside move on both of its customer's SL2 unbundled analog loops from BST.

Scenario Description:

An existing CLEC customer moves from the 3rd to the 5th floor. The CLEC orders an inside move on both of its customer's SL2 unbundled analog loops from BST.

Network Configuration:



Scenario Summary:

REQTYPE	A
ACT TYPE	M
Partial Migration	
Flow-Through	

Scenario Characteristics:

Provisioning	X
Normal Volume	X
Peak Volume	X
EDI	X
TAG	X

Test Case Requirements:

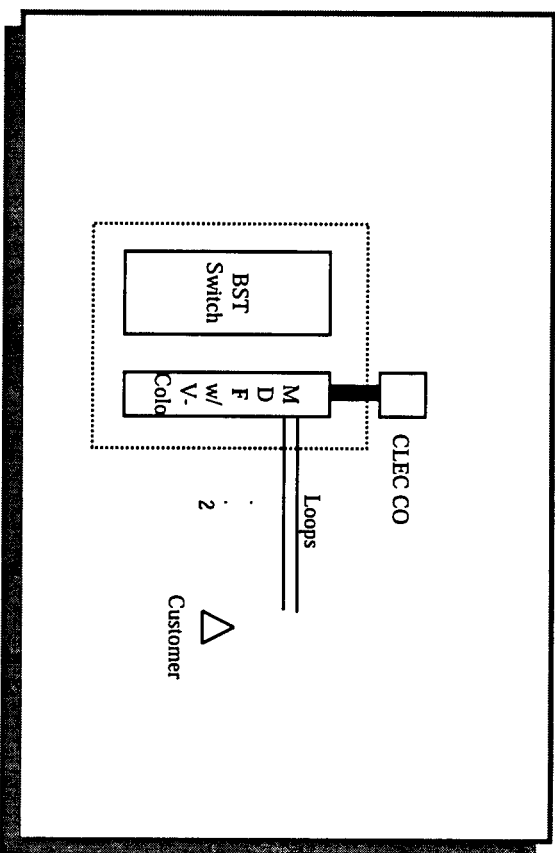
Supplement	X
Errors	X
Cancel	X
Directory Listing	X

Scenario # 319: An existing CLEC customer moves across town. The CLEC orders an outside move on both of its customer's SL 1 unbundled analog loops from BST.

Scenario Description:

An existing CLEC customer moves across town. The CLEC orders an outside move on both of its customer's SL 1 unbundled analog loops from BST.

Network Configuration:



Scenario Summary:

REQTYPE	A
ACT TYPE	T
Partial Migration	
Flow-Through	

Scenario Characteristics:

Provisioning	X
Normal Volume	X
Peak Volume	X
EDI	X
TAG	X

Test Case Requirements:

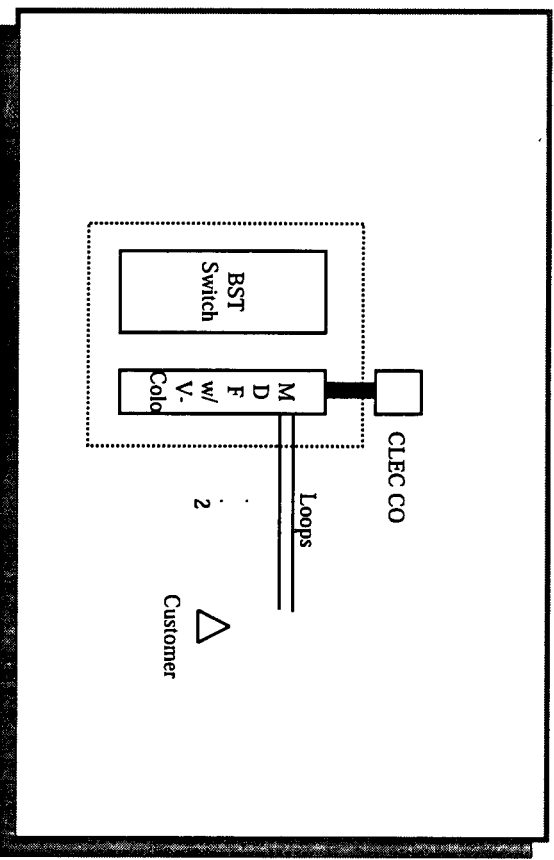
Supplement	X
Errors	X
Cancel	
Directory Listing	X

Scenario # 320: An existing CLEC customer moves across town. The CLEC orders an outside move on both of its customer's SL2 unbundled analog loops from BST.

Scenario Description:

An existing CLEC customer moves across town. The CLEC orders an outside move on both of its customer's SL2 unbundled analog loops from BST.

Network Configuration:



Scenario Summary:

REO TYPE	A
ACT TYPE	T
Partial Migration	
Flow-Through	

Scenario Characteristics:

Provisioning	X
Normal Volume	X
Peak Volume	X
EDI	X
TAG	X

Test Case Requirements:

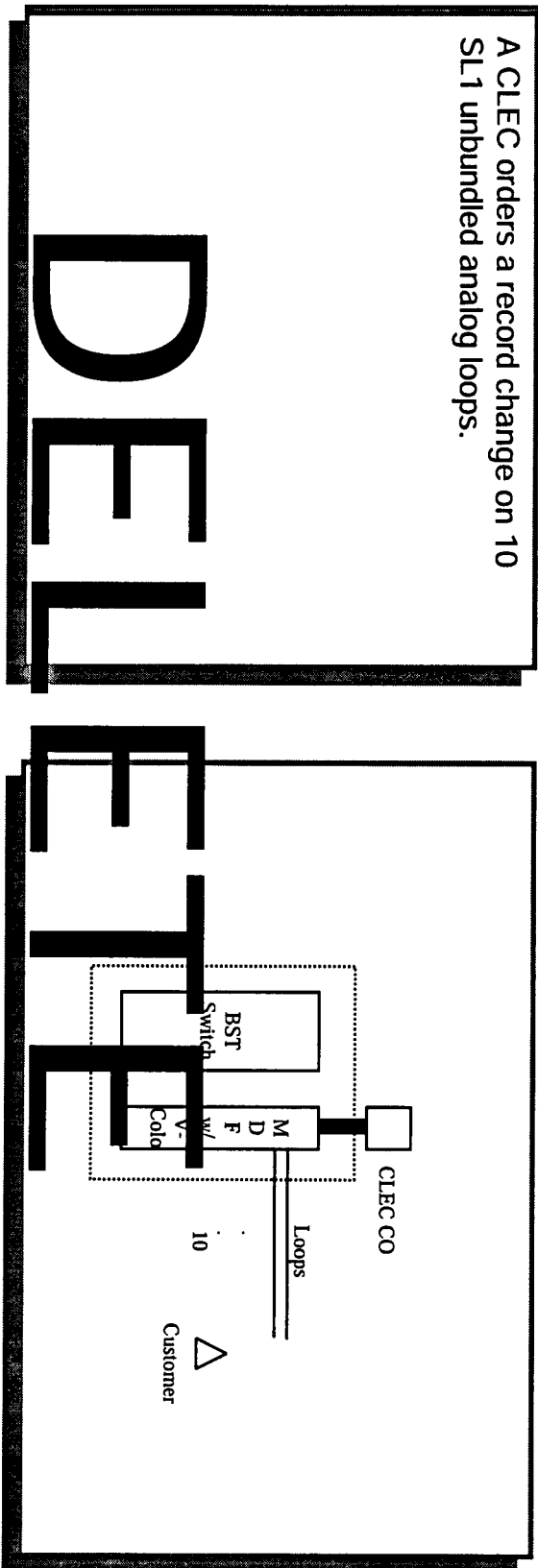
Supplement	X
Errors	X
Cancel	
Directory Listing	X

Scenario # 321: A CLEC orders a record change on 10 SL1 unbundled analog loops.

Scenario Description:

A CLEC orders a record change on 10 SL1 unbundled analog loops.

Network Configuration:



DELETE

DELETE

Scenario Summary:

REQTYPE	A
ACT TYPE	R
Partial Migration	
Flow-Through	X

Scenario Characteristics:

Provisioning	X
Normal Volume	X
Peak Volume	X
EDI	X
TAG	X

Test Case Requirements:

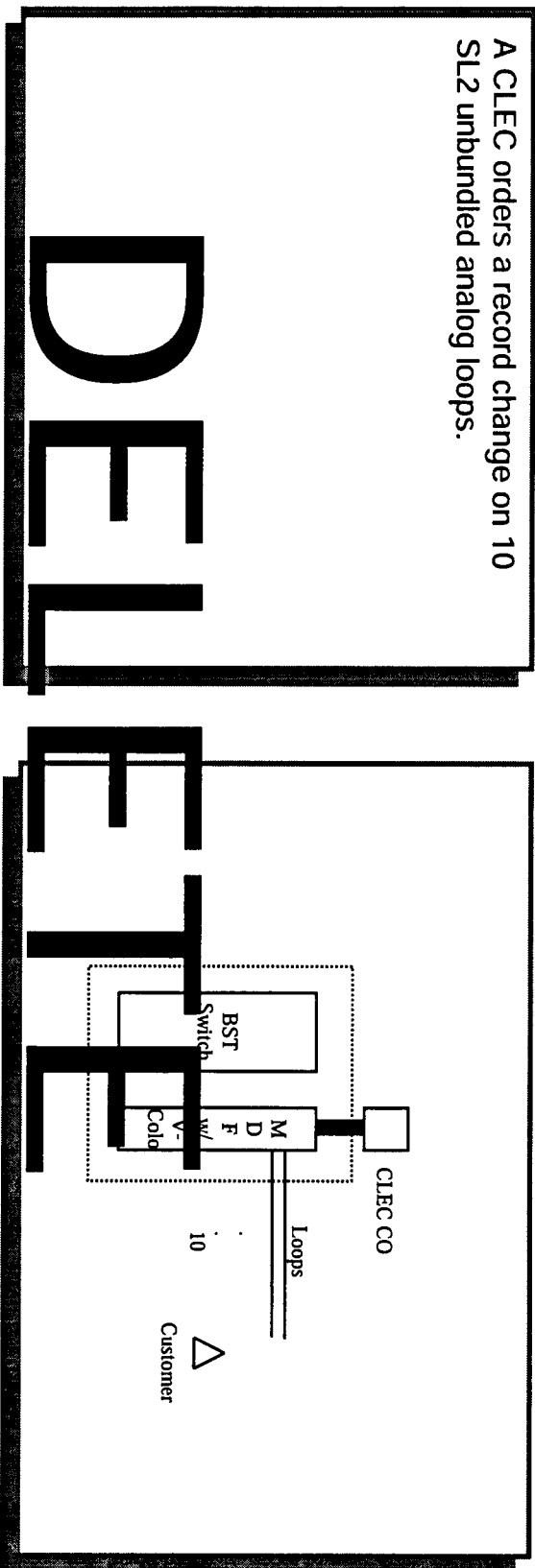
Supplement	X
Errors	X
Cancel	
Directory Listing	

Scenario # 322: A CLEC orders a record change on 10 SL2 unbundled analog loops.

Scenario Description:

A CLEC orders a record change on 10 SL2 unbundled analog loops.

Network Configuration:



DELETE

Scenario Summary:

REQTYPE	A
ACT TYPE	R
Partial Migration	
Flow-Through	X

Scenario Characteristics:

Provisioning	X
Normal Volume	X
Peak Volume	X
EDI	X
TAG	X

Test Case Requirements:

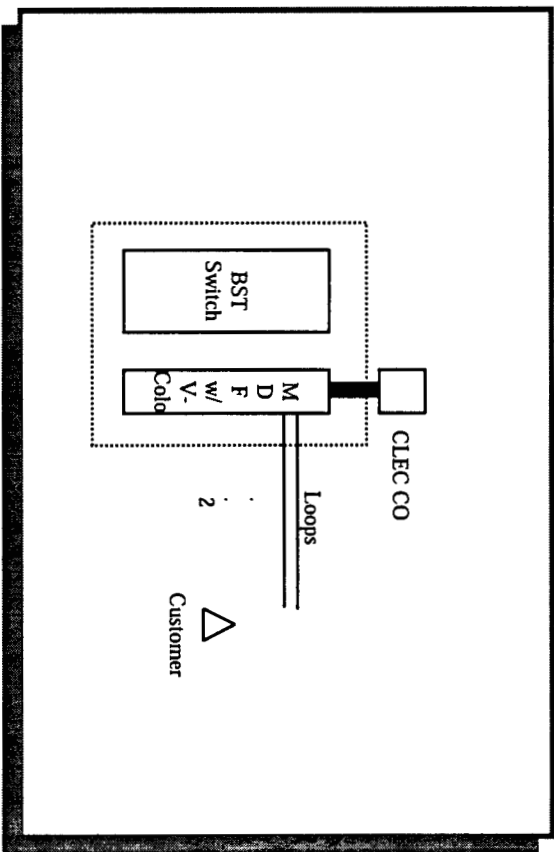
Supplement	X
Errors	X
Cancel	X
Directory Listing	

Scenario # 323: An existing CLEC customer is moving to another state. The CLEC orders BST to disconnect both of its customer's SL1 unbundled analog loops.

Scenario Description:

An existing CLEC customer is moving to another state. The CLEC orders BST to disconnect both of its customer's SL1 unbundled analog loops.

Network Configuration:



Scenario Summary:

REQTYPE	A
ACT TYPE	D
Partial Migration	
Flow-Through	X

Scenario Characteristics:

Provisioning	X
Normal Volume	X
Peak Volume	X
EDI	X
TAG	X

Test Case Requirements:

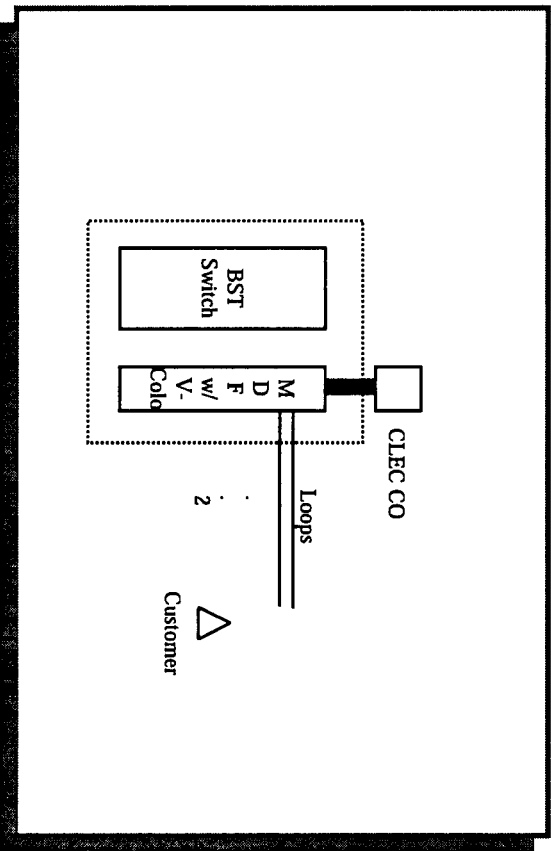
Supplement	X
Errors	X
Cancel	
Directory Listing	

Scenario # 324: An existing CLEC customer is moving to another state. The CLEC orders BST to disconnect both of its customer's SL2 unbundled analog loops.

Scenario Description:

An existing CLEC customer is moving to another state. The CLEC orders BST to disconnect both of its customer's SL2 unbundled analog loops.

Network Configuration:



Scenario Summary:

REQTYPE	A
ACT TYPE	D
Partial Migration	
Flow-Through	X

Scenario Characteristics:

Provisioning	X
Normal Volume	X
Peak Volume	X
EDI	X
TAG	X

Test Case Requirements:

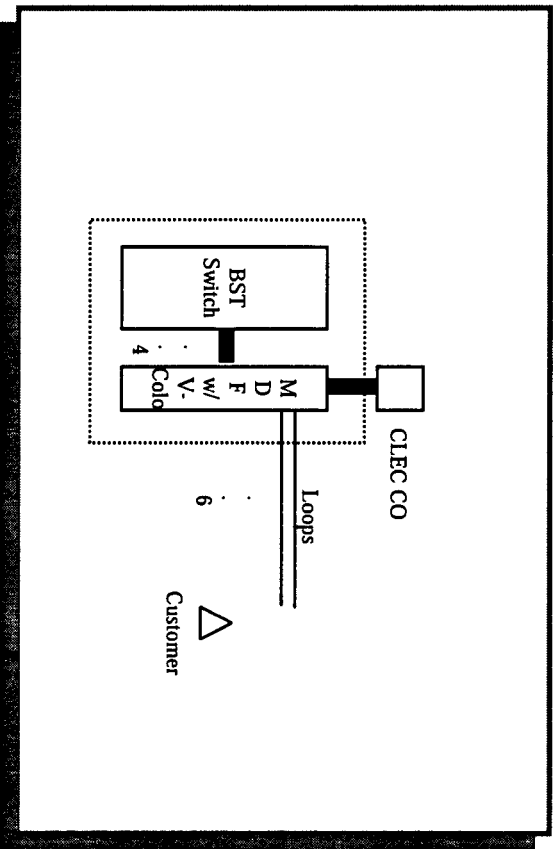
Supplement	X
Errors	X
Cancel	
Directory Listing	

Scenario # 325: A CLEC orders 2 SL1 unbundled analog loops with INP in support of a partial migration service request from an existing BST customer.

Scenario Description:

A CLEC orders 2 SL1 unbundled analog loops with INP in support of a partial migration service request from an existing BST customer. The customer currently has 6 lines, 4 of which stay with BST and 2 are migrated "as-specified" to the CLEC.

Network Configuration:



Scenario Summary:

REQTYPE	A
ACT TYPE	V
Partial Migration	X
Flow-Through	

Scenario Characteristics:

Provisioning	X
Normal Volume	X
Peak Volume	X
EDI	X
TAG	X

Test Case Requirements:

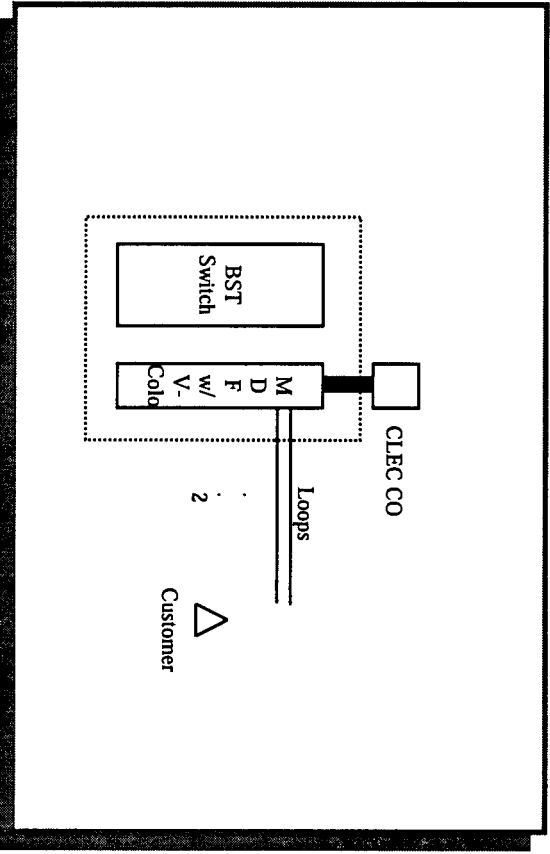
Supplement	X
Errors	X
Cancel	
Directory Listing	X

Scenario # 326: A CLEC orders 2 SL1 unbundled analog loops with INP in support of a full migration service request from an existing BST customer.

Scenario Description:

A CLEC orders 2 SL1 unbundled analog loops with INP in support of a full migration service request from an existing BST customer. The customer lines are migrated "as-specified" to the CLEC.

Network Configuration:



Scenario Summary:

REO TYPE	B
ACT TYPE	V
Partial Migration	
Flow-Through	X

Scenario Characteristics:

Provisioning	X
Normal Volume	X
Peak Volume	X
EDI	X
TAG	X

Test Case Requirements:

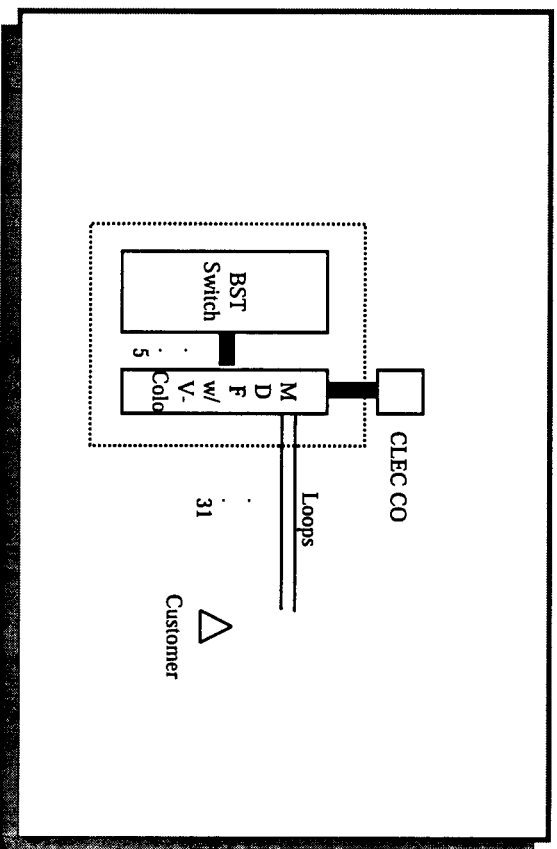
Supplement	X
Errors	X
Cancel	X
Directory Listing	X

Scenario # 327: A CLEC orders 26 SL 1 unbundled analog loops with INP in support of a partial migration service request from an existing BST customer.

Scenario Description:

A CLEC orders 26 SL 1 unbundled analog loops with INP in support of a partial migration service request from an existing BST customer. The customer currently has 31 lines, 5 of which stay with BST and 26 are migrated "as-specified" to the CLEC.

Network Configuration:



Scenario Summary:

REO TYPE	B
ACT TYPE	V
Partial Migration	X
Flow-Through	

Scenario Characteristics:

Provisioning	
Normal Volume	X
Peak Volume	X
EDI	X
TAG	X

Test Case Requirements:

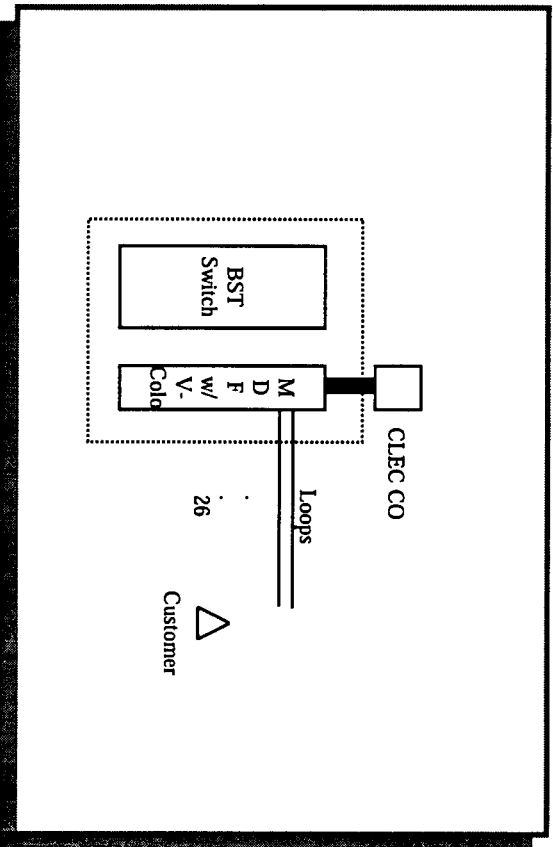
Supplement	X
Errors	X
Cancel	
Directory Listing	X

Scenario # 328: A CLEC orders 26 SL1 unbundled analog loops with INP in support of a full migration service request from an existing BST customer.

Scenario Description:

A CLEC orders 26 SL1 unbundled analog loops with INP in support of a full migration service request from an existing BST customer. The customer lines are migrated "as-specified" to the CLEC.

Network Configuration:



Scenario Summary:

REQTYPE	B
ACT TYPE	V
Partial Migration	
Flow-Through	

Scenario Characteristics:

Provisioning	
Normal Volume	X
Peak Volume	X
EDI	X
TAG	X

Test Case Requirements:

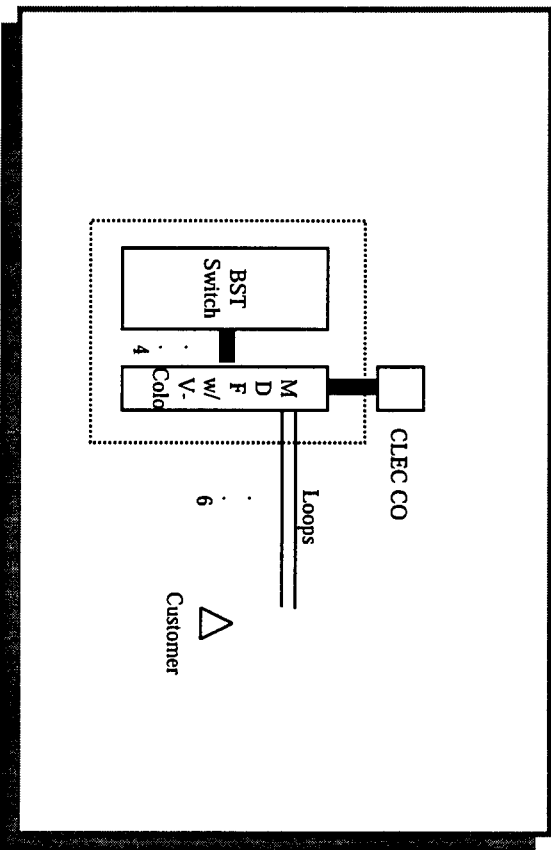
Supplement	X
Errors	X
Cancel	
Directory Listing	X

Scenario # 329: A CLEC orders 2 SL2 unbundled analog loops with INP in support of a partial migration service request from an existing BST customer.

Scenario Description:

A CLEC orders 2 SL2 unbundled analog loops with INP in support of a partial migration service request from an existing BST customer. The customer currently has 6 lines, 4 of which stay with BST and 2 are migrated "as-specified" to the CLEC.

Network Configuration:



Scenario Summary:

REO TYPE	B
ACT TYPE	V
Partial Migration	X
Flow-Through	

Scenario Characteristics:

Provisioning	X
Normal Volume	X
Peak Volume	X
EDI	X
TAG	X

Test Case Requirements:

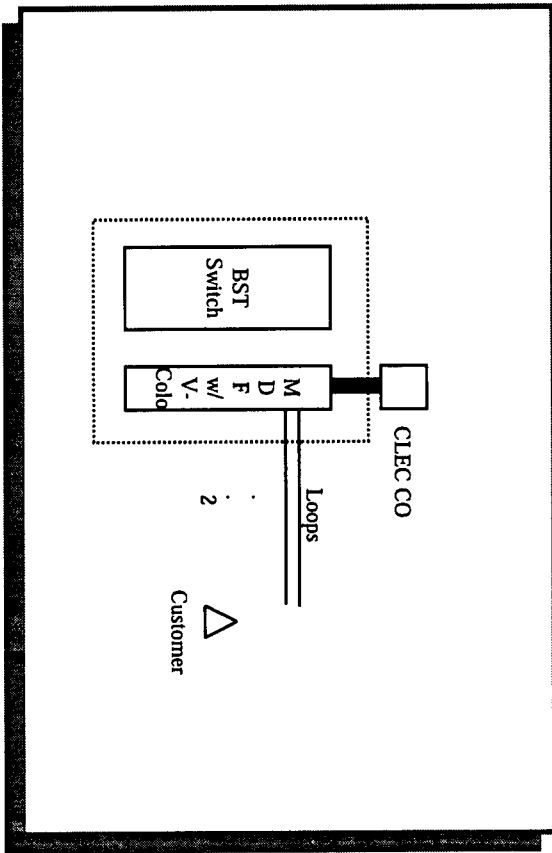
Supplement	X
Errors	X
Cancel	
Directory Listing	X

Scenario # 330: A CLEC orders 2 SL2 unbundled analog loops with INP in support of a full migration service request from an existing BST customer.

Scenario Description:

A CLEC orders 2 SL2 unbundled analog loops with INP in support of a full migration service request from an existing BST customer. The customer lines are migrated "as-specified" to the CLEC.

Network Configuration:



Scenario Summary:

REQTYPE	B
ACT TYPE	V
Partial Migration	
Flow-Through	X

Scenario Characteristics:

Provisioning	X
Normal Volume	X
Peak Volume	X
EDI	X
TAG	X

Test Case Requirements:

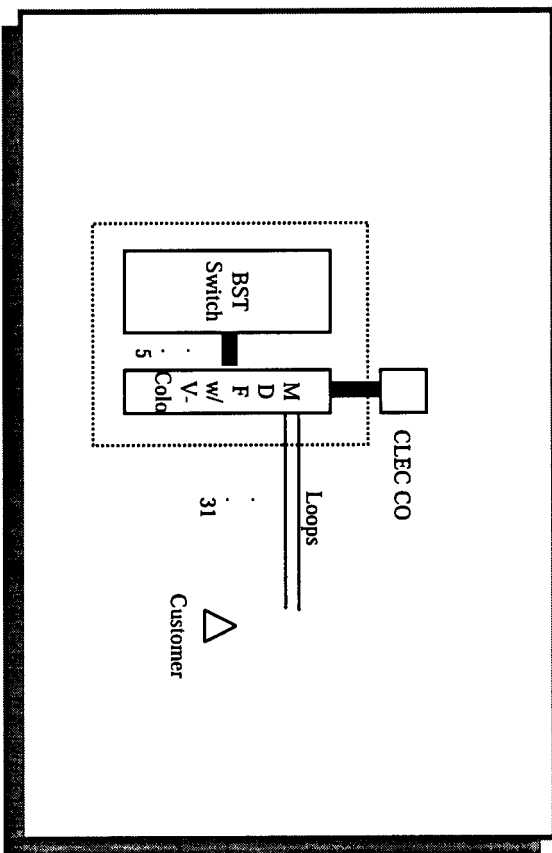
Supplement	X
Errors	X
Cancel	X
Directory Listing	X

Scenario # 331: A CLEC orders 26 SL2 unbundled analog loops with INP in support of a partial migration service request from an existing BST customer.

Scenario Description:

A CLEC orders 26 SL2 unbundled analog loops with INP in support of a partial migration service request from an existing BST customer. The customer currently has 31 lines, 5 of which stay with BST and 26 are migrated "as-specified" to the CLEC.

Network Configuration:



Scenario Summary:

REO TYPE	B
ACT TYPE	V
Partial Migration	X
Flow-Through	

Scenario Characteristics:

Provisioning	
Normal Volume	X
Peak Volume	X
EDI	X
TAG	X

Test Case Requirements:

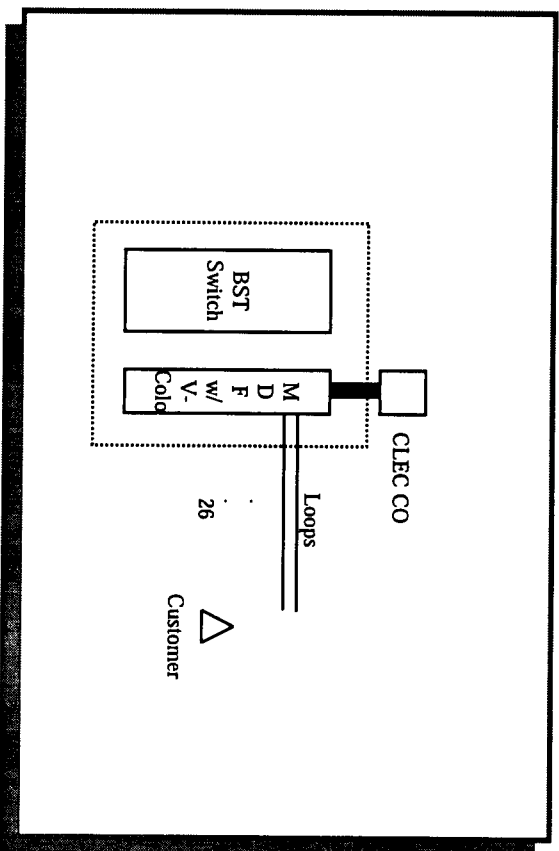
Supplement	X
Errors	X
Cancel	X
Directory Listing	X

Scenario # 332: A CLEC orders 26 SL2 unbundled analog loops with INP in support of a full migration service request from an existing BST customer.

Scenario Description:

A CLEC orders 26 SL2 unbundled analog loops with INP in support of a full migration service request from an existing BST customer. The customer lines are migrated "as-specified" to the CLEC.

Network Configuration:



Scenario Summary:

REQTYPE	B
ACT TYPE	V
Partial Migration	
Flow-Through	

Scenario Characteristics:

Provisioning	
Normal Volume	X
Peak Volume	X
EDI	X
TAG	X

Test Case Requirements:

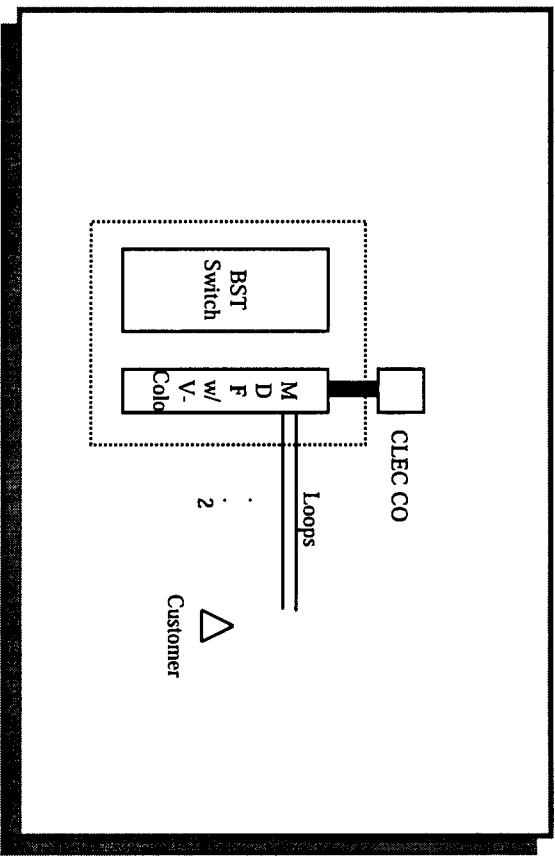
Supplement	X
Errors	X
Cancel	
Directory Listing	X

Scenario # 333: A CLEC orders 2 SL1 unbundled analog loops with INP from BST for one of its resale customers.

Scenario Description:

A CLEC orders 2 SL1 unbundled analog loops with INP from BST for one of its resale customers.

Network Configuration:



Scenario Summary:

REQTYPE	B
ACTTYPE	V
Partial Migration	
Flow-Through	X

Scenario Characteristics:

Provisioning	X
Normal Volume	X
Peak Volume	X
EDI	X
TAG	X

Test Case Requirements:

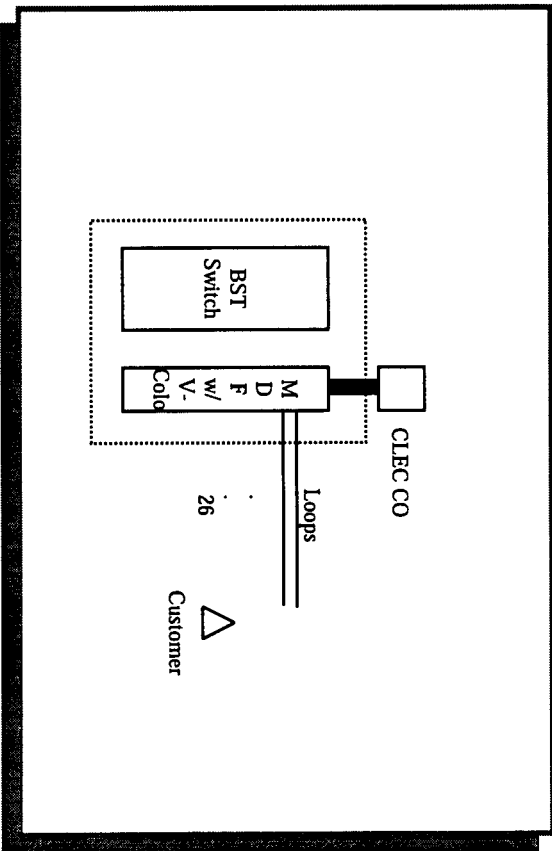
Supplement	X
Errors	X
Cancel	
Directory Listing	X

Scenario # 334: A CLEC orders 26 SL1 unbundled analog loops with INP from BST for one of its resale customers.

Scenario Description:

A CLEC orders 26 SL1 unbundled analog loops with INP from BST for one of its resale customers.

Network Configuration:



Scenario Summary:

REO TYPE	B
ACT TYPE	V
Partial Migration	
Flow-Through	

Scenario Characteristics:

Provisioning	
Normal Volume	X
Peak Volume	X
EDI	X
TAG	X

Test Case Requirements:

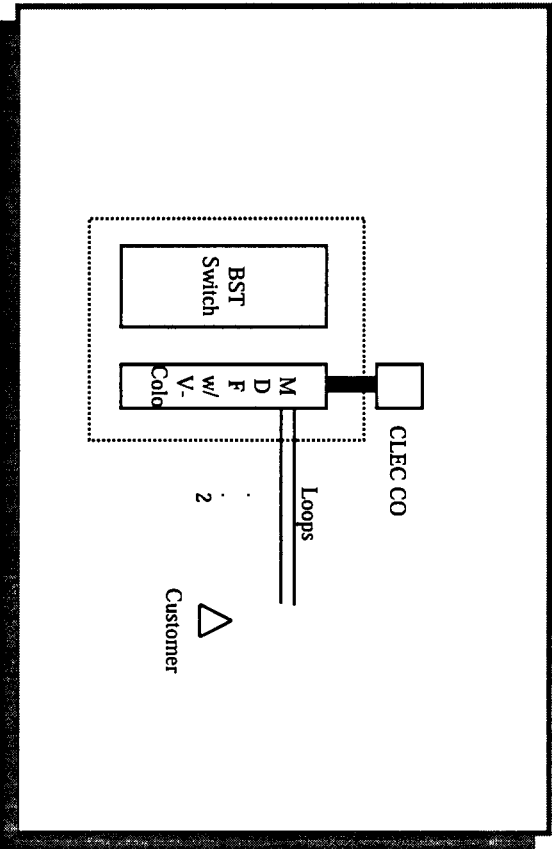
Supplement	X
Errors	X
Cancel	
Directory Listing	X

Scenario # 335: A CLEC orders 2 SL2 unbundled analog loops with INP from BST for one of its resale customers.

Scenario Description:

A CLEC orders 2 SL2 unbundled analog loops with INP from BST for one of its resale customers.

Network Configuration:



Scenario Summary:

REQTYPE	B
ACT TYPE	V
Partial Migration	
Flow-Through	X

Scenario Characteristics:

Provisioning	X
Normal Volume	X
Peak Volume	X
EDI	X
TAG	X

Test Case Requirements:

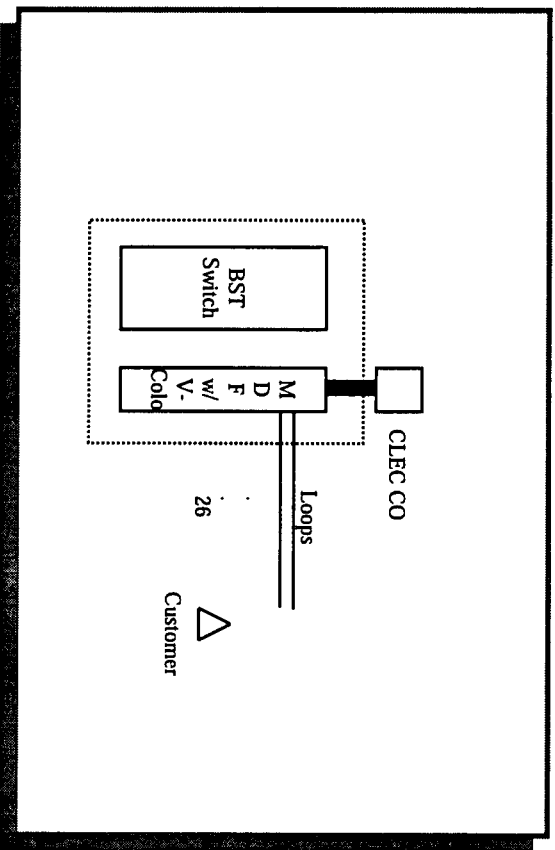
Supplement	X
Errors	X
Cancel	
Directory Listing	X

Scenario # 336: A CLEC orders 26 SL2 unbundled analog loops with INP from BST for one of its resale customers.

Scenario Description:

A CLEC orders 26 SL2 unbundled analog loops with INP from BST for one of its resale customers.

Network Configuration:



Scenario Summary:

REO TYPE	B
ACT TYPE	V
Partial Migration	
Flow-Through	

Scenario Characteristics:

Provisioning	
Normal Volume	X
Peak Volume	X
EDI	X
TAG	X

Test Case Requirements:

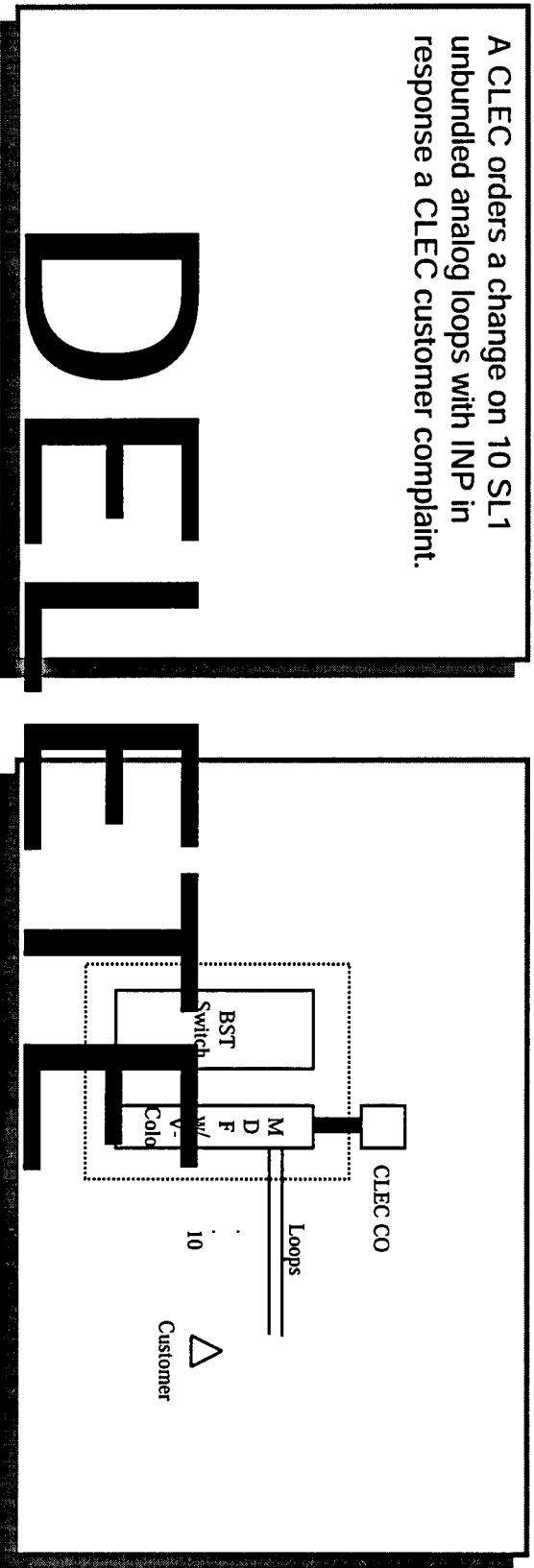
Supplement	X
Errors	X
Cancel	X
Directory Listing	X

Scenario # 337: A CLEC orders a change on 10 SL1 unbundled analog loops with INP.

Scenario Description:

A CLEC orders a change on 10 SL1 unbundled analog loops with INP in response a CLEC customer complaint.

Network Configuration:



Scenario Summary:

REQTYPE	B
ACTTYPE	C
Partial Migration	
Flow-Through	

Scenario Characteristics:

Provisioning	X
Normal Volume	X
Peak Volume	X
EDI	X
TAG	X

Test Case Requirements:

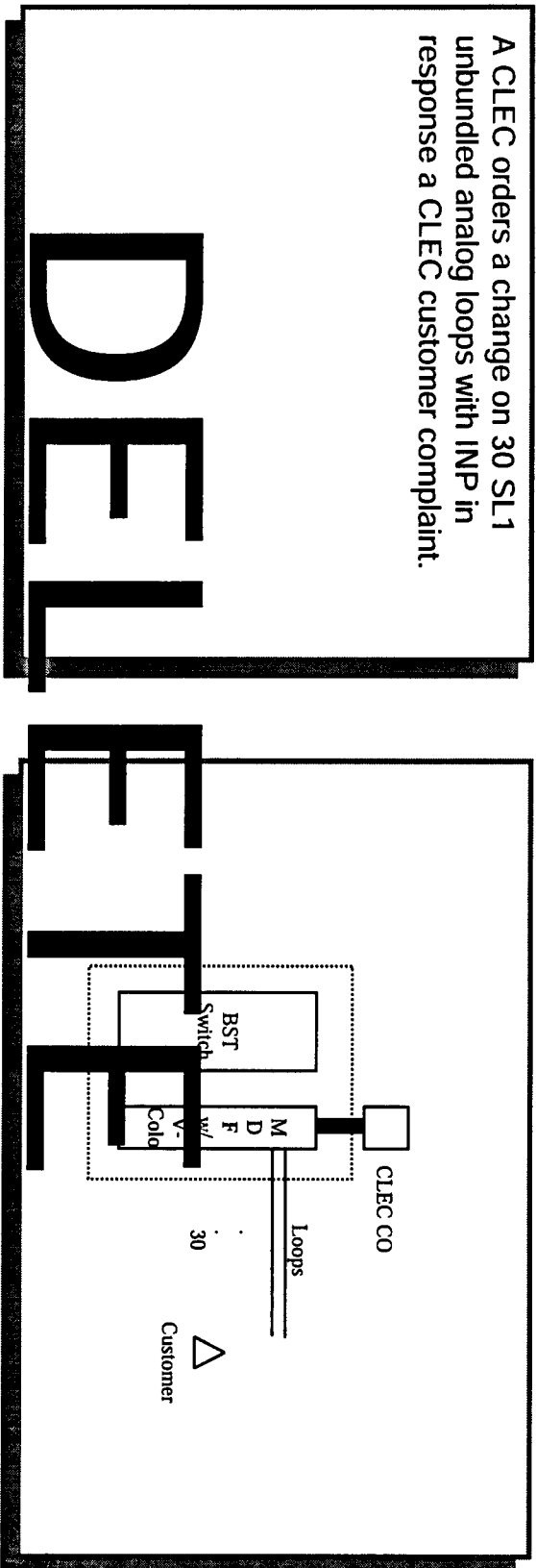
Supplement	X
Errors	X
Cancel	X
Directory Listing	

Scenario # 338: A CLEC orders a change on 30 SL 1 unbundled analog loops with INP.

Scenario Description:

A CLEC orders a change on 30 SL1 unbundled analog loops with INP in response a CLEC customer complaint.

Network Configuration:



Scenario Summary:

REQTYPE	B
ACT TYPE	C
Partial Migration	
Flow-Through	

Scenario Characteristics:

Provisioning	
Normal Volume	
Peak Volume	
EDI	X
TAG	X

Test Case Requirements:

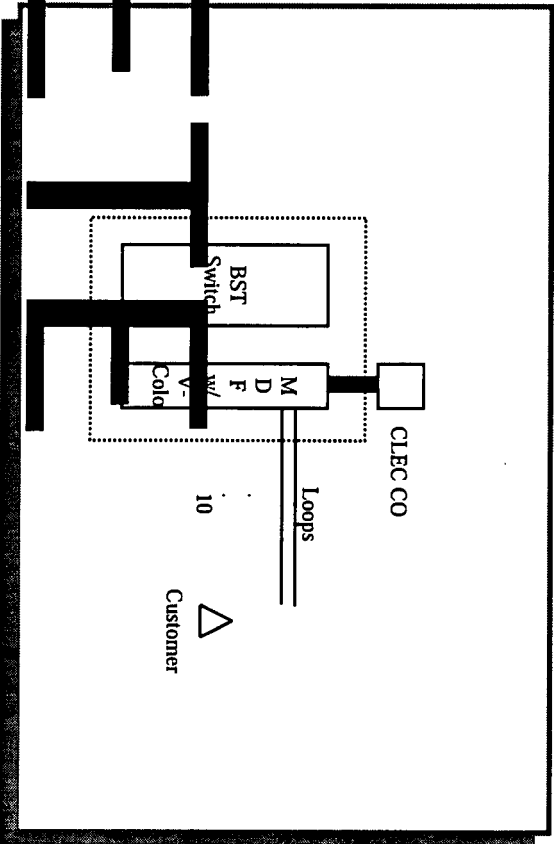
Supplement	X
Errors	X
Cancel	
Directory Listing	

Scenario # 339: A CLEC orders a change on 10 SL2 unbundled analog loop with INP.

Scenario Description:

A CLEC orders a change on 10 SL2 unbundled analog loop with INP in response a CLEC customer complaint.

Network Configuration:



DELETED

Scenario Summary:

REQTYPE	B
ACTTYPE	C
Partial Migration	
Flow-Through	

Scenario Characteristics:

Provisioning	X
Normal Volume	X
Peak Volume	X
EDI	X
TAG	X

Test Case Requirements:

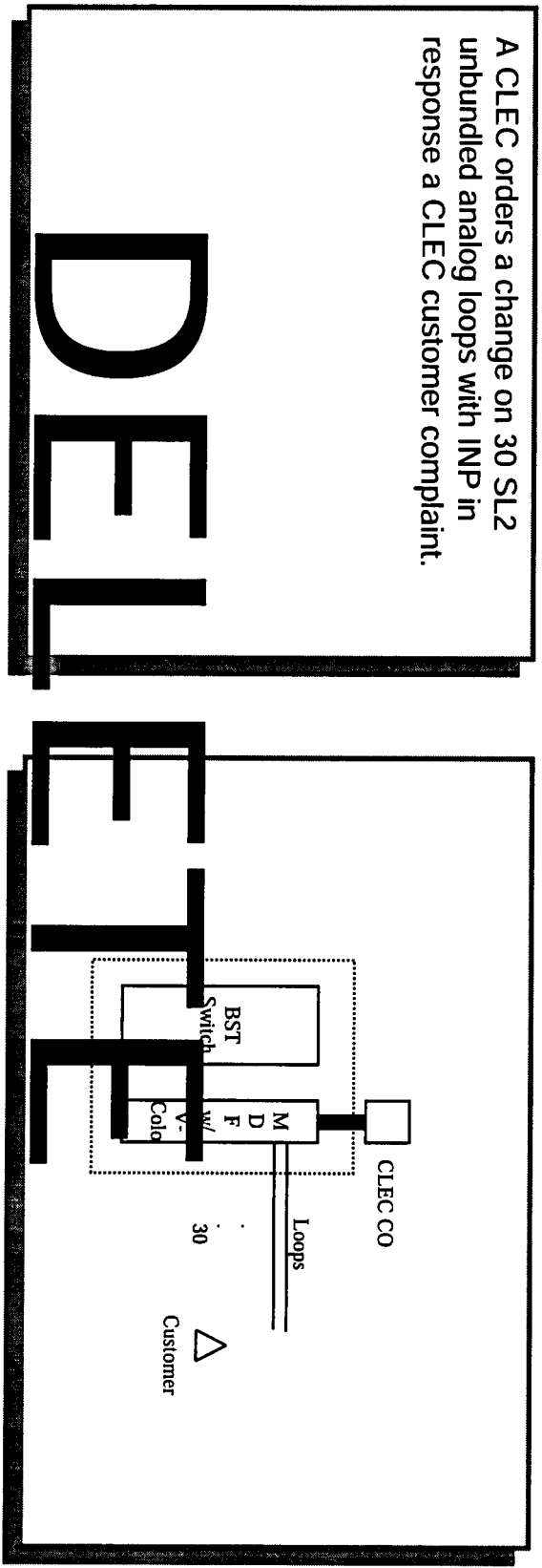
Supplement	X
Errors	X
Cancel	
Directory Listing	

Scenario # 340: A CLEC orders a change on 30 SL2 unbundled analog loops with INP.

Scenario Description:

A CLEC orders a change on 30 SL2 unbundled analog loops with INP in response a CLEC customer complaint.

Network Configuration:



DELETED

Scenario Summary:

REQTYPE	B
ACTTYPE	C
Partial Migration	
Flow-Through	

Scenario Characteristics:

Provisioning	
Normal Volume	
Peak Volume	
EDI	X
TAG	X

Test Case Requirements:

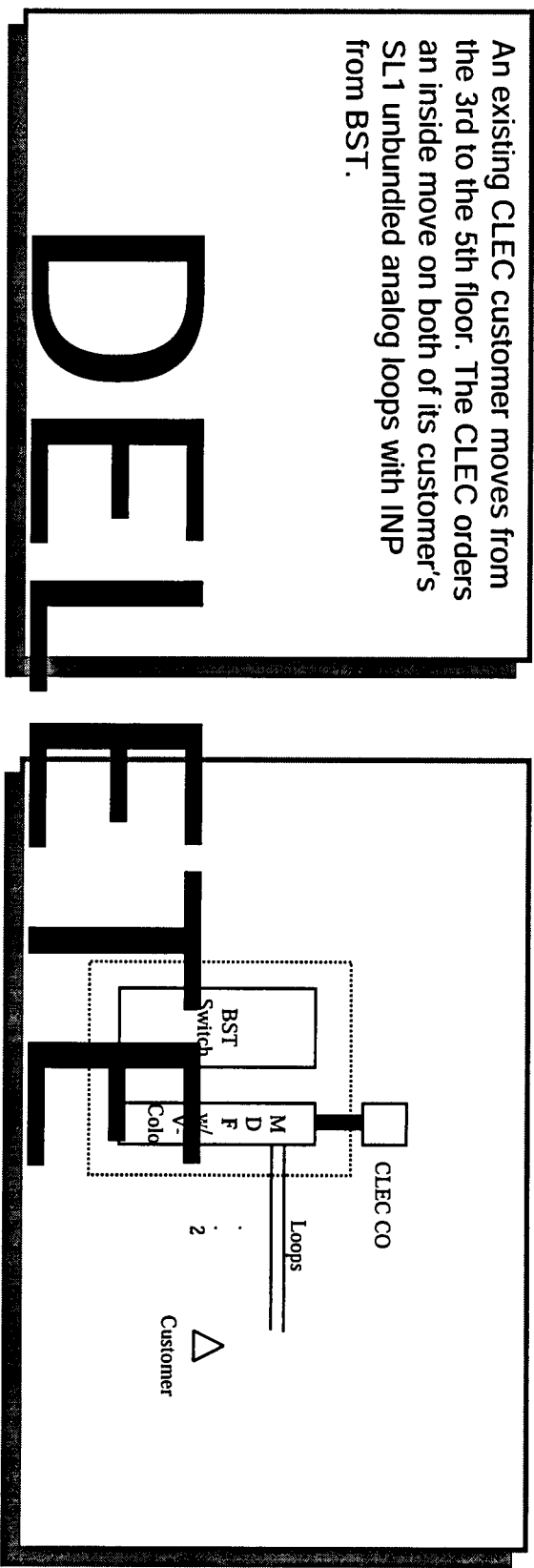
Supplement	X
Errors	X
Cancel	
Directory Listing	

Scenario # 341: An existing CLEC customer moves from the 3rd to the 5th floor. The CLEC orders an inside move on both of its customer's SL 1 unbundled analog loops with INP from BST.

Scenario Description:

An existing CLEC customer moves from the 3rd to the 5th floor. The CLEC orders an inside move on both of its customer's SL 1 unbundled analog loops with INP from BST.

Network Configuration:



DELETED

Scenario Summary:

REQTYPE	B
ACT TYPE	M
Partial Migration	
Flow-Through	

Scenario Characteristics:

Provisioning	X
Normal Volume	X
Peak Volume	X
EDI	X
TAG	X

Test Case Requirements:

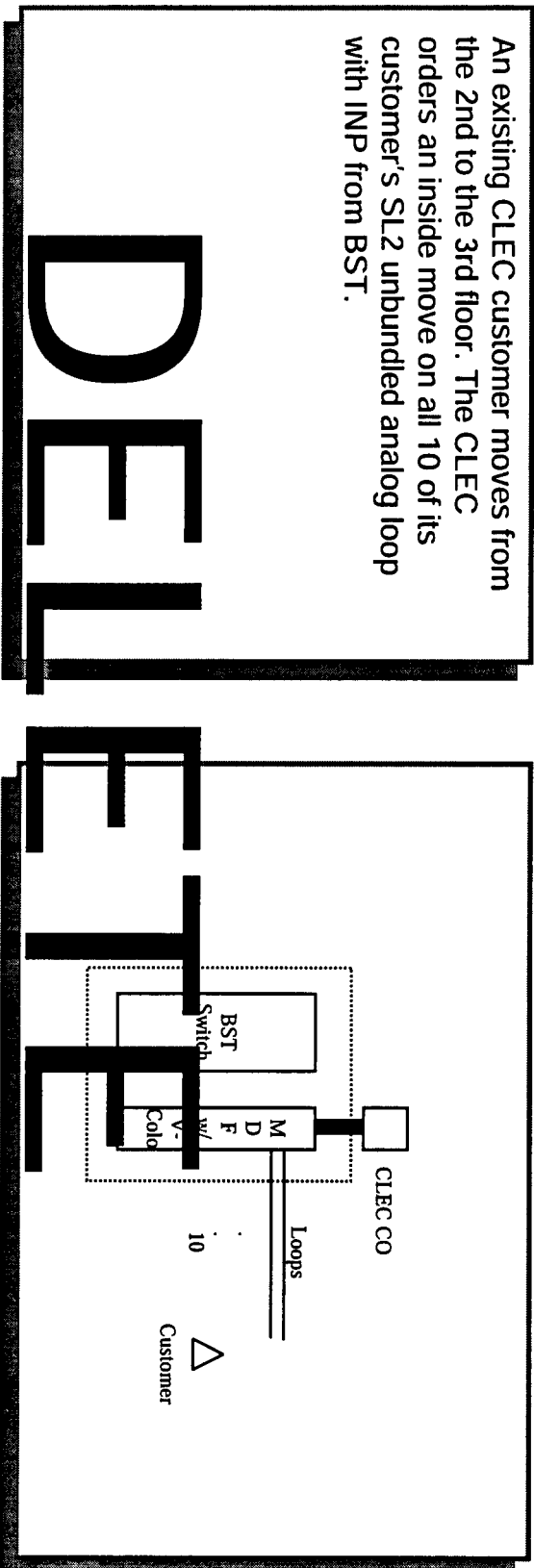
Supplement	X
Errors	X
Cancel	
Directory Listing	X

Scenario # 342: An existing CLEC customer moves from the 2nd to the 3rd floor. The CLEC orders an inside move on all 10 its customer's SL2 unbundled analog loop with INP from BST.

Scenario Description:

An existing CLEC customer moves from the 2nd to the 3rd floor. The CLEC orders an inside move on all 10 of its customer's SL2 unbundled analog loop with INP from BST.

Network Configuration:



Scenario Summary:

REQTYPE	B
ACT TYPE	M
Partial Migration	
Flow-Through	

Scenario Characteristics:

Provisioning	X
Normal Volume	X
Peak Volume	X
EDI	X
TAG	X

Test Case Requirements:

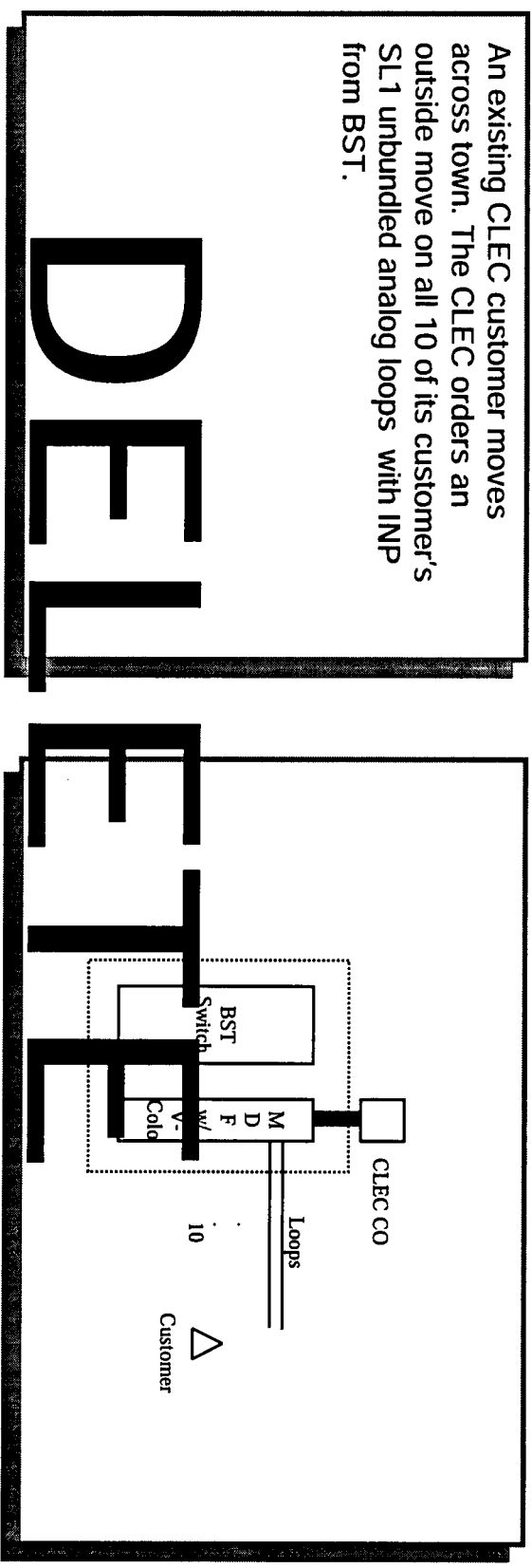
Supplement	X
Errors	X
Cancel	X
Directory Listing	X

Scenario # 343: An existing CLEC customer moves across town. The CLEC orders an outside move on all 10 of its customer's SL 1 unbundled analog loops with INP from BST.

Scenario Description:

An existing CLEC customer moves across town. The CLEC orders an outside move on all 10 of its customer's SL 1 unbundled analog loops with INP from BST.

Network Configuration:



DELETE

Scenario Summary:

REQTYPE	B
ACT TYPE	T
Partial Migration	
Flow-Through	

Scenario Characteristics:

Provisioning	X
Normal Volume	X
Peak Volume	X
EDI	X
TAG	X

Test Case Requirements:

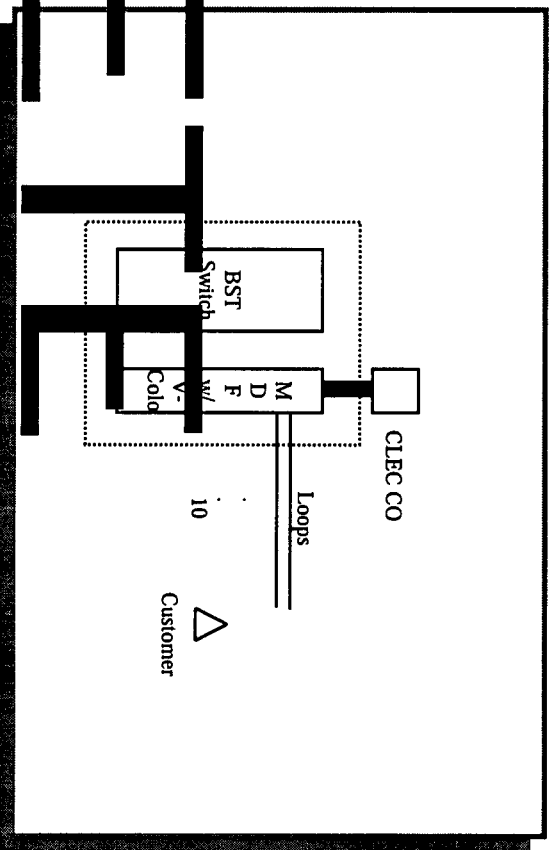
Supplement	X
Errors	X
Cancel	
Directory Listing	X

Scenario # 344: An existing CLEC customer moves across town. The CLEC orders an outside move on all 10 of its customer's SL2 unbundled analog loops with INP from BST.

Scenario Description:

An existing CLEC customer moves across town. The CLEC orders an outside move on all 10 of its customer's SL2 unbundled analog loops with INP from BST.

Network Configuration:



DELETE

Scenario Summary:

REO TYPE	B
ACT TYPE	T
Partial Migration	
Flow-Through	

Scenario Characteristics:

Provisioning	X
Normal Volume	X
Peak Volume	X
EDI	X
TAG	X

Test Case Requirements:

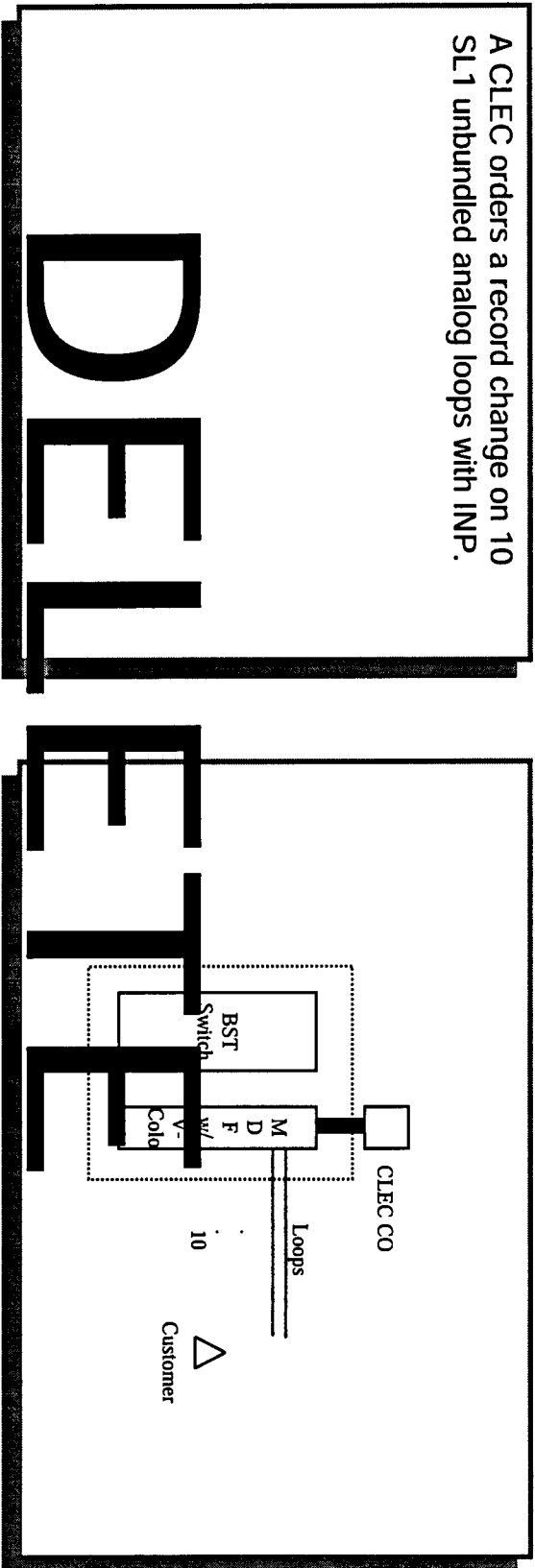
Supplement	X
Errors	X
Cancel	
Directory Listing	X

Scenario # 345: A CLEC orders a record change on 10 SL1 unbundled analog loops with INP.

Scenario Description:

A CLEC orders a record change on 10 SL1 unbundled analog loops with INP.

Network Configuration:



Scenario Summary:

REQTYPE	B
ACT TYPE	R
Partial Migration	
Flow-Through	X

Scenario Characteristics:

Provisioning	X
Normal Volume	X
Peak Volume	X
EDI	X
TAG	X

Test Case Requirements:

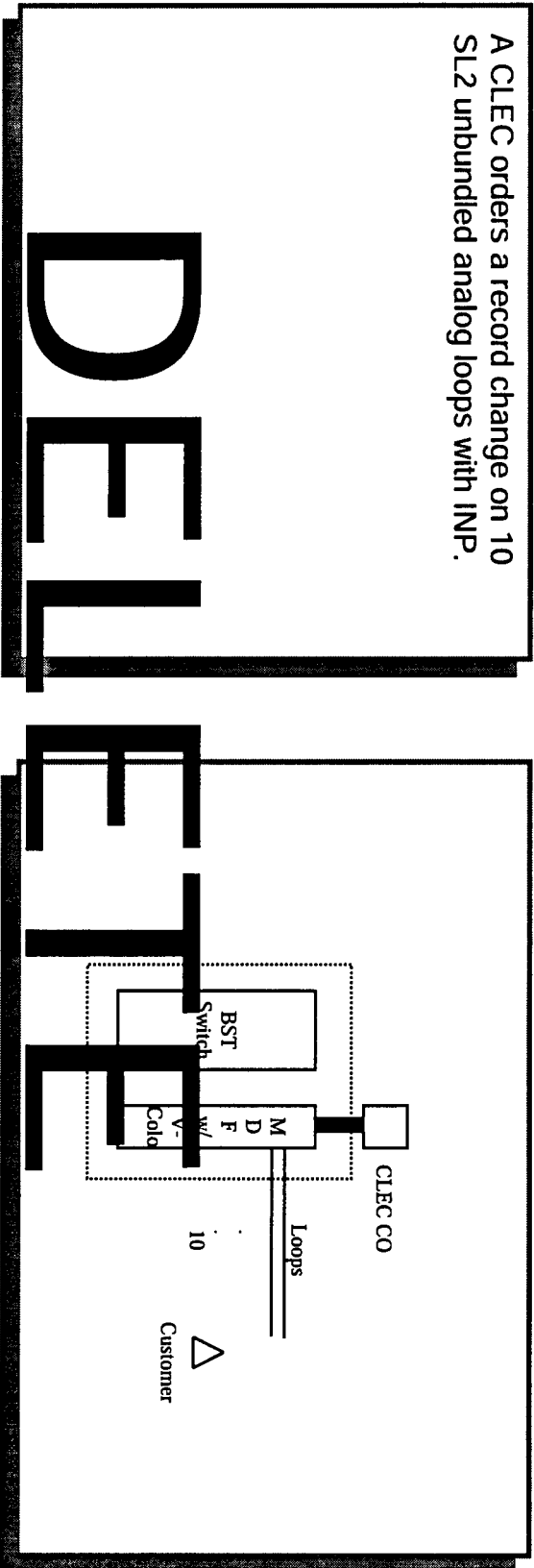
Supplement	X
Errors	X
Cancel	
Directory Listing	

Scenario # 346: A CLEC orders a record change on 10 SL2 unbundled analog loops with INP.

Scenario Description:

A CLEC orders a record change on 10 SL2 unbundled analog loops with INP.

Network Configuration:



Scenario Summary:

REQTYPE	B
ACT TYPE	R
Partial Migration	
Flow-Through	X

Scenario Characteristics:

Provisioning	X
Normal Volume	X
Peak Volume	X
EDI	X
TAG	X

Test Case Requirements:

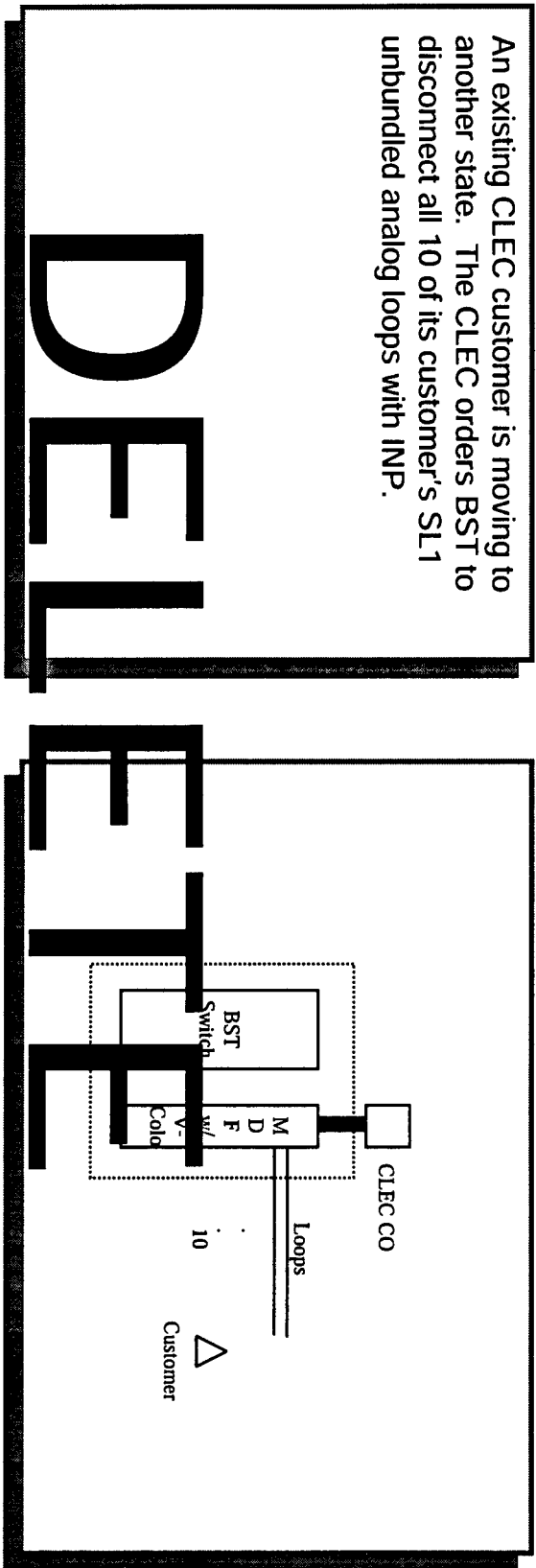
Supplement	X
Errors	X
Cancel	X
Directory Listing	

Scenario # 347: An existing CLEC customer is moving to another state. The CLEC orders BST to disconnect all 10 of its customer's SL 1 unbundled analog loops with INP.

Scenario Description:

An existing CLEC customer is moving to another state. The CLEC orders BST to disconnect all 10 of its customer's SL 1 unbundled analog loops with INP.

Network Configuration:



DELETED

Scenario Summary:

REO TYPE	B
ACT TYPE	D
Partial Migration	
Flow-Through	

Scenario Characteristics:

Provisioning	X
Normal Volume	X
Peak Volume	X
EDI	X
TAG	X

Test Case Requirements:

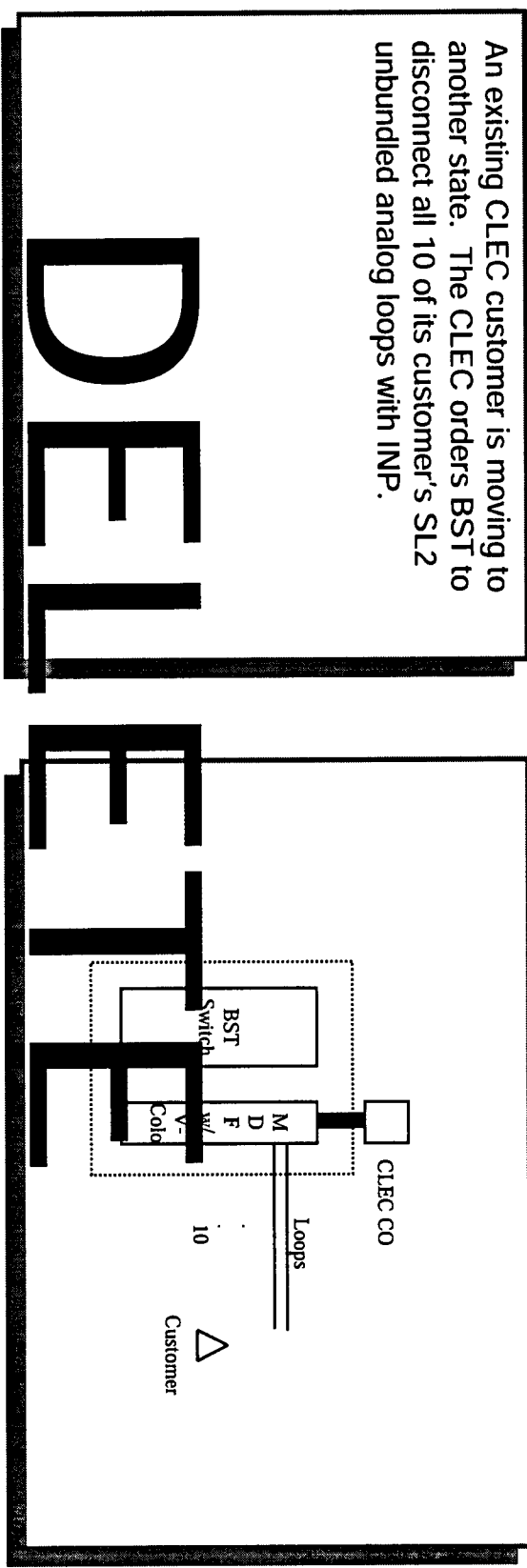
Supplement	X
Errors	X
Cancel	
Directory Listing	

Scenario # 348: An existing CLEC customer is moving to another state. The CLEC orders BST to disconnect all 10 of its customer's SL2 unbundled analog loops with INP.

Scenario Description:

An existing CLEC customer is moving to another state. The CLEC orders BST to disconnect all 10 of its customer's SL2 unbundled analog loops with INP.

Network Configuration:



DELETED

Scenario Summary:

REQTYPE	B
ACT TYPE	D
Partial Migration	
Flow-Through	

Scenario Characteristics:

Provisioning	X
Normal Volume	X
Peak Volume	X
EDI	X
TAG	X

Test Case Requirements:

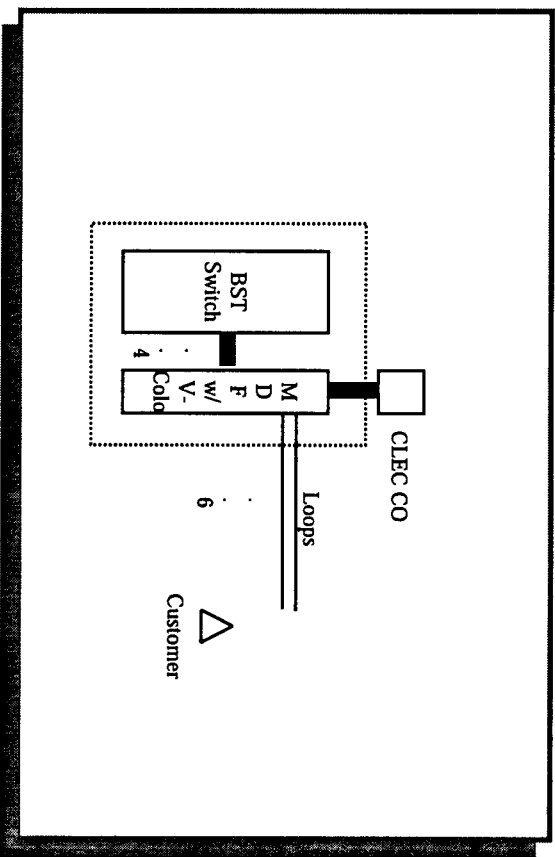
Supplement	X
Errors	X
Cancel	X
Directory Listing	

Scenario # 349: A CLEC orders 2 SL1 unbundled analog loops with LNP in support of a partial migration service request from an existing BST customer.

Scenario Description:

A CLEC orders 2 SL1 unbundled analog loops with LNP in support of a partial migration service request from an existing BST customer. The customer currently has 6 lines, 4 of which stay with BST and 2 are migrated "as-specified" to the CLEC.

Network Configuration:



Scenario Summary:

REQTYPE	B
ACT TYPE	V
Partial Migration	X
Flow-Through	

Scenario Characteristics:

Provisioning	X
Normal Volume	X
Peak Volume	X
EDI	X
TAG	X

Test Case Requirements:

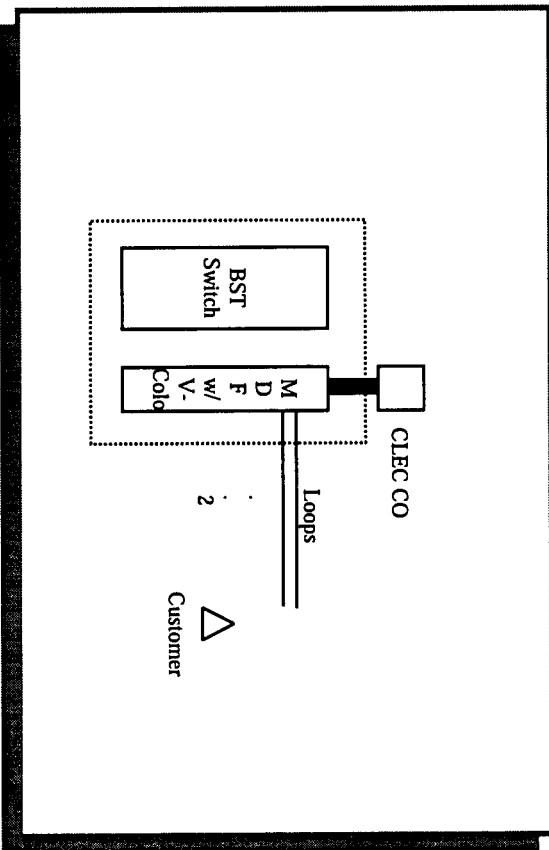
Supplement	X
Errors	X
Cancel	
Directory Listing	X

Scenario # 350: A CLEC orders 2 SL1 unbundled analog loops with LNP in support of a full migration service request from an existing BST customer.

Scenario Description:

A CLEC orders 2 SL1 unbundled analog loops with LNP in support of a full migration service request from an existing BST customer. The customer lines are migrated "as-specified" to the CLEC.

Network Configuration:



Scenario Summary:

REQTYPE	B
ACT TYPE	V
Partial Migration	
Flow-Through	X

Scenario Characteristics:

Provisioning	X
Normal Volume	X
Peak Volume	X
EDI	X
TAG	X

Test Case Requirements:

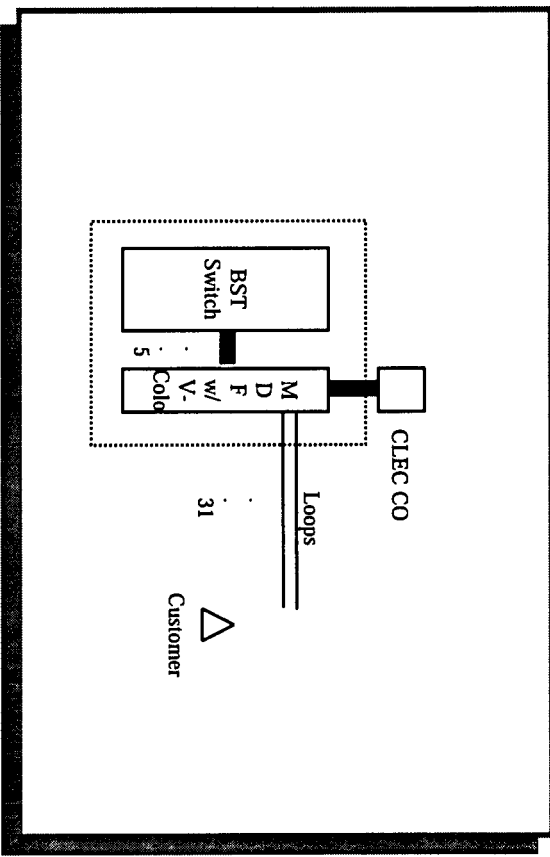
Supplement	X
Errors	X
Cancel	
Directory Listing	X

Scenario # 351: A CLEC orders 26 SL1 unbundled analog loops with LNP in support of a partial migration service request from an existing BST customer.

Scenario Description:

A CLEC orders 26 SL1 unbundled analog loops with LNP in support of a partial migration service request from an existing BST customer. The customer currently has 31 lines, 5 of which stay with BST and 26 are migrated "as-specified" to the CLEC.

Network Configuration:



Scenario Summary:

RECTYPE	B
ACT TYPE	V
Partial Migration	X
Flow-Through	

Scenario Characteristics:

Provisioning	
Normal Volume	X
Peak Volume	X
EDI	X
TAG	X

Test Case Requirements:

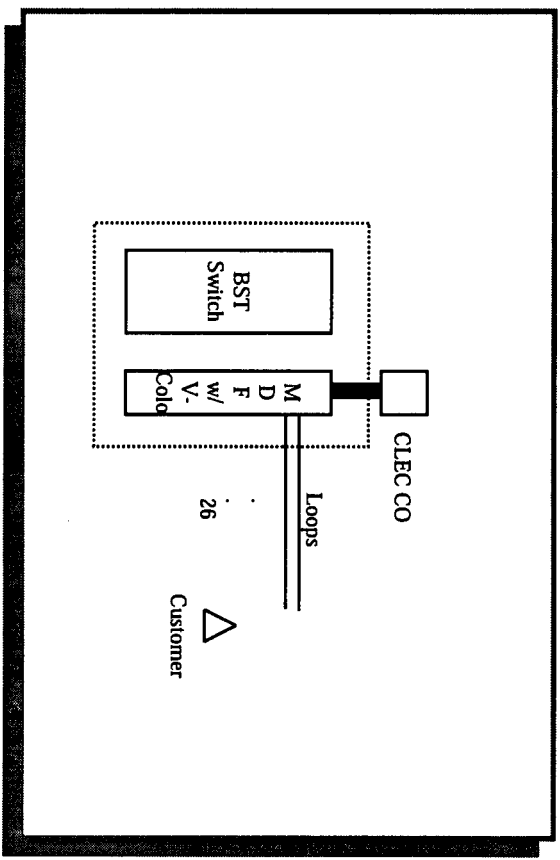
Supplement	X
Errors	X
Cancel	
Directory Listing	X

Scenario # 352: A CLEC orders 26 SL1 unbundled analog loops with LNP in support of a full migration service request from an existing BST customer.

Scenario Description:

A CLEC orders 26 SL1 unbundled analog loops with LNP in support of a full migration service request from an existing BST customer. The customer lines are migrated "as-specified" to the CLEC.

Network Configuration:



Scenario Summary:

REQTYPE	B
ACT TYPE	V
Partial Migration	
Flow-Through	

Scenario Characteristics:

Provisioning	
Normal Volume	X
Peak Volume	X
EDI	X
TAG	X

Test Case Requirements:

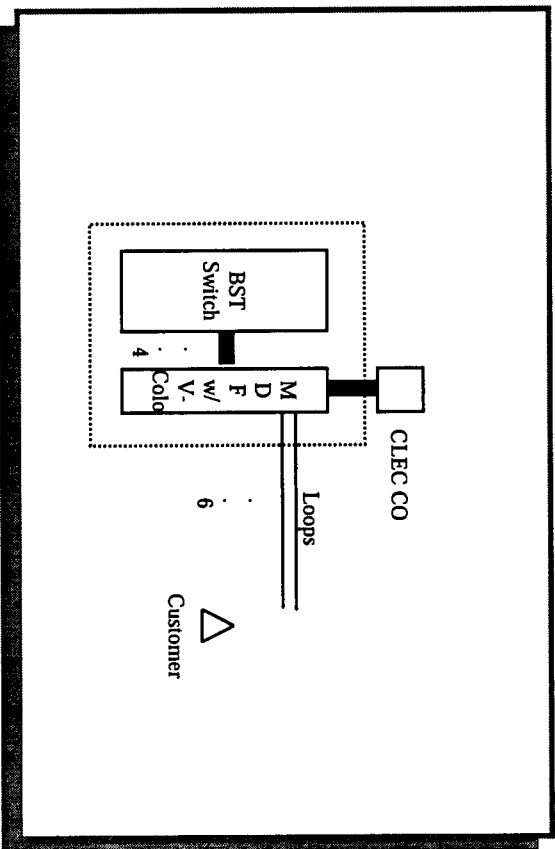
Supplement	X
Errors	X
Cancel	X
Directory Listing	X

Scenario # 353: A CLEC orders 2 SL2 unbundled analog loops with LNP in support of a partial migration service request from an existing BST customer.

Scenario Description:

A CLEC orders 2 SL2 unbundled analog loops with LNP in support of a partial migration service request from an existing BST customer. The customer currently has 6 lines, 4 of which stay with BST and 2 are migrated "as-specified" to the CLEC.

Network Configuration:



Scenario Summary:

REQTYPE	B
ACT TYPE	V
Partial Migration	X
Flow-Through	

Scenario Characteristics:

Provisioning	X
Normal Volume	X
Peak Volume	X
EDI	X
TAG	X

Test Case Requirements:

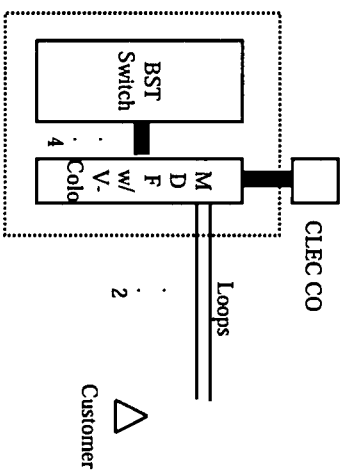
Supplement	X
Errors	X
Cancel	X
Directory Listing	X

Scenario # 354: A CLEC orders 2 SL2 unbundled analog loops with LNP in support of a full migration service request from an existing BST customer.

Scenario Description:

A CLEC orders 2 SL2 unbundled analog loops with LNP in support of a full migration service request from an existing BST customer. The customer lines are migrated "as-specified" to the CLEC.

Network Configuration:



Scenario Summary:

REQTYPE	B
ACT TYPE	V
Partial Migration	
Flow-Through	X

Scenario Characteristics:

Provisioning	X
Normal Volume	X
Peak Volume	X
EDI	X
TAG	X

Test Case Requirements:

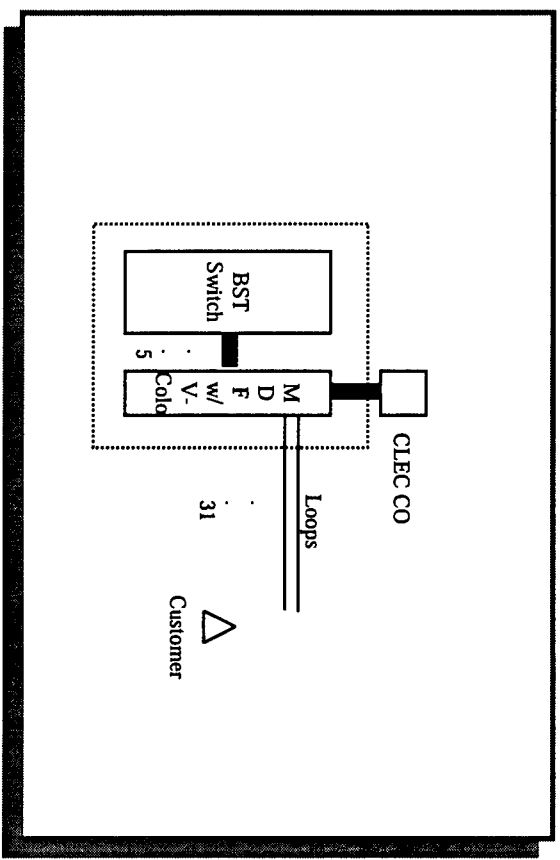
Supplement	X
Errors	X
Cancel	
Directory Listing	X

Scenario # 355: A CLEC orders 26 SL2 unbundled analog loops with LNP in support of a partial migration service request from an existing BST customer.

Scenario Description:

A CLEC orders 26 SL2 unbundled analog loops with LNP in support of a partial migration service request from an existing BST customer. The customer currently has 31 lines, 5 of which stay with BST and 26 are migrated "as-specified" to the CLEC.

Network Configuration:



Scenario Summary:

REQTYPE	B
ACT TYPE	V
Partial Migration	X
Flow-Through	

Scenario Characteristics:

Provisioning	
Normal Volume	X
Peak Volume	X
EDI	X
TAG	X

Test Case Requirements:

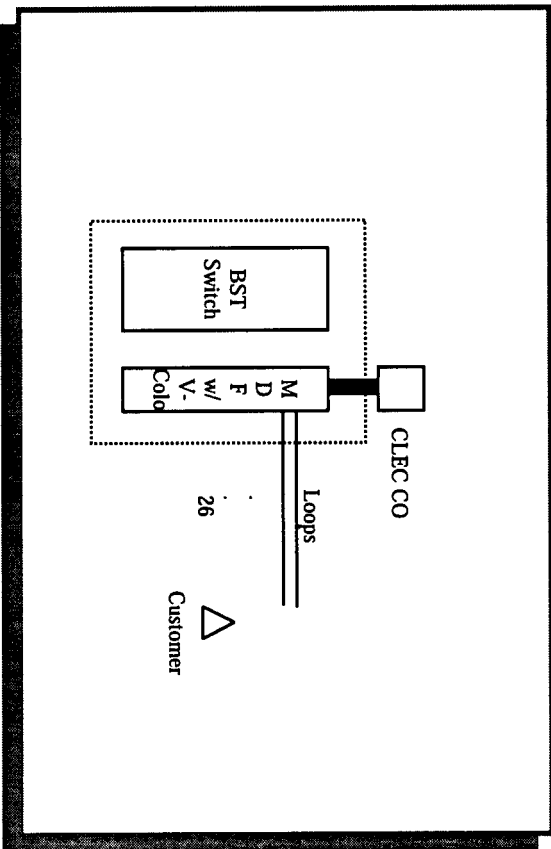
Supplement	X
Errors	X
Cancel	X
Directory Listing	X

Scenario # 356: A CLEC orders 26 SL2 unbundled analog loopswith LNP in support of a full migration service request from an existing BST customer.

Scenario Description:

A CLEC orders 26 SL2 unbundled analog loops with LNP in support of a full migration service request from an existing BST customer. The customer lines are migrated "as-specified" to the CLEC.

Network Configuration:



Scenario Summary:

REQTYPE	B
ACT TYPE	V
Partial Migration	
Flow-Through	

Scenario Characteristics:

Provisioning	
Normal Volume	X
Peak Volume	X
EDI	X
TAG	X

Test Case Requirements:

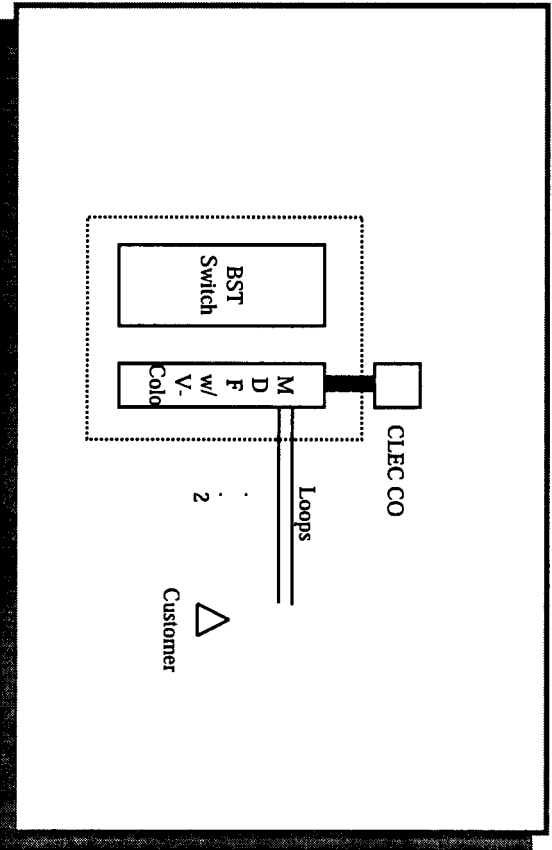
Supplement	X
Errors	X
Cancel	
Directory Listing	X

Scenario # 357: A CLEC orders 2 SL1 unbundled analog loops with LNP from BST for one of its resale customers.

Scenario Description:

A CLEC orders 2 SL1 unbundled analog loops with LNP from BST for one of its resale customers.

Network Configuration:



Scenario Summary:

REQTYPE	B
ACTTYPE	V
Partial Migration	
Flow-Through	X

Scenario Characteristics:

Provisioning	X
Normal Volume	X
Peak Volume	X
EDI	X
TAG	X

Test Case Requirements:

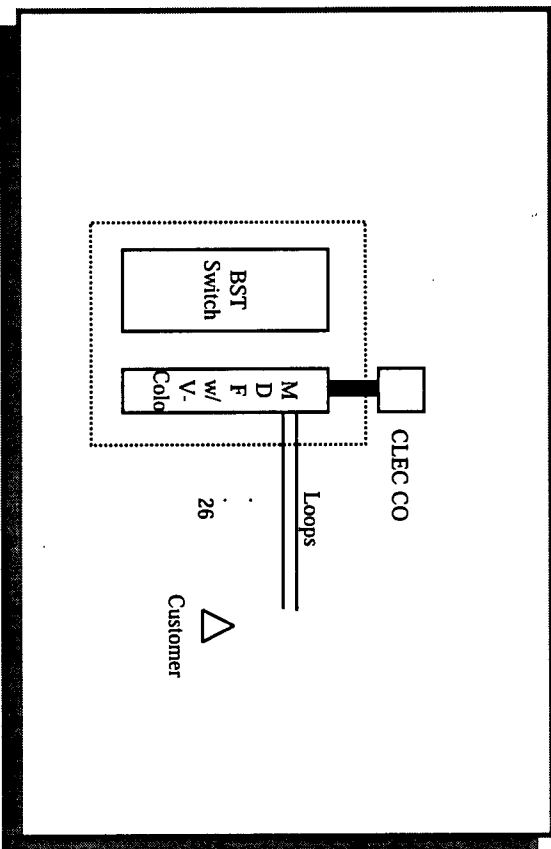
Supplement	X
Errors	X
Cancel	
Directory Listing	X

Scenario # 358: A CLEC orders 26 SL1 unbundled analog loops with LNP from BST for one of its resale customers.

Scenario Description:

A CLEC orders 26 SL1 unbundled analog loops with LNP from BST for one of its resale customers.

Network Configuration:



Scenario Summary:

REQTYPE	B
ACT TYPE	V
Partial Migration	
Flow-Through	

Scenario Characteristics:

Provisioning	
Normal Volume	X
Peak Volume	X
EDI	X
TAG	X

Test Case Requirements:

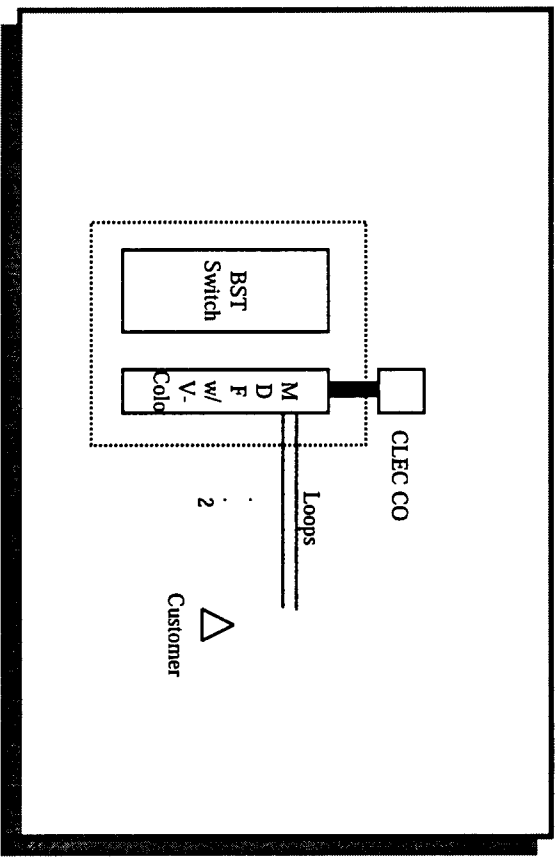
Supplement	X
Errors	X
Cancel	X
Directory Listing	X

Scenario # 359: A CLEC orders 2 SL2 unbundled analog loops with LNP from BST for one of its resale customers.

Scenario Description:

A CLEC orders 2 SL2 unbundled analog loops with LNP from BST for one of its resale customers.

Network Configuration:



Scenario Summary:

REO TYPE	B
ACT TYPE	V
Partial Migration	
Flow-Through	X

Scenario Characteristics:

Provisioning	X
Normal Volume	X
Peak Volume	X
EDI	X
TAG	X

Test Case Requirements:

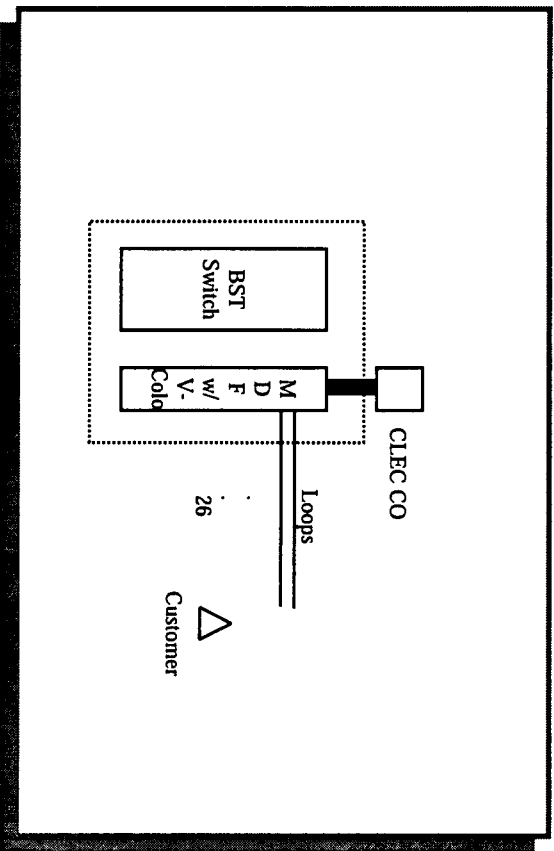
Supplement	X
Errors	X
Cancel	
Directory Listing	X

Scenario # 360: A CLEC orders 26 SL2 unbundled analog loops with LNP from BST for one of its resale customers.

Scenario Description:

A CLEC orders 26 SL2 unbundled analog loops with LNP from BST for one of its resale customers.

Network Configuration:



Scenario Summary:

REQTYPE	B
ACT TYPE	V
Partial Migration	
Flow-Through	

Scenario Characteristics:

Provisioning	
Normal Volume	X
Peak Volume	X
EDI	X
TAG	X

Test Case Requirements:

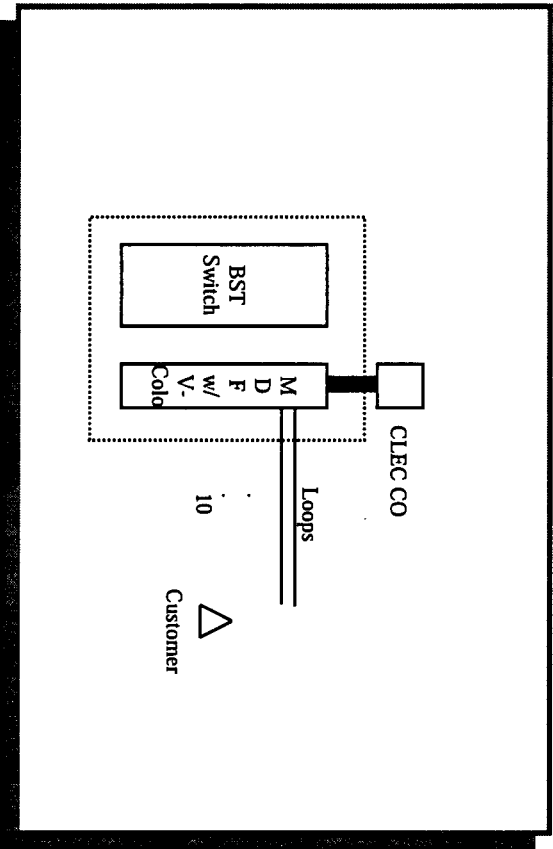
Supplement	X
Errors	X
Cancel	X
Directory Listing	X

Scenario # 361: A CLEC orders a full migration of 2 retail business lines with listings "as is" to 2 SL 1 unbundled analog loops with LNP.

Scenario Description:

A CLEC orders a conversion of 2 BST Retail Business lines to 2 unbundled analog loops with LNP.

Network Configuration:



NOTE: Unless otherwise stated above, items under SCENARIO SUMMARY, SCENARIO CHARACTERISTICS, AND TEST CASE REQUIREMENTS should not be marked and therefore do not apply.

Scenario Summary:

REQTYPE	B
ACT TYPE	W
NPT	D
Partial Migration	NO
Flow-Through	YES

Scenario Characteristics:

Provisioning	YES
Normal Volume	YES
Peak Volume	YES
EDI	YES
TAG	YES

Test Case Requirements:

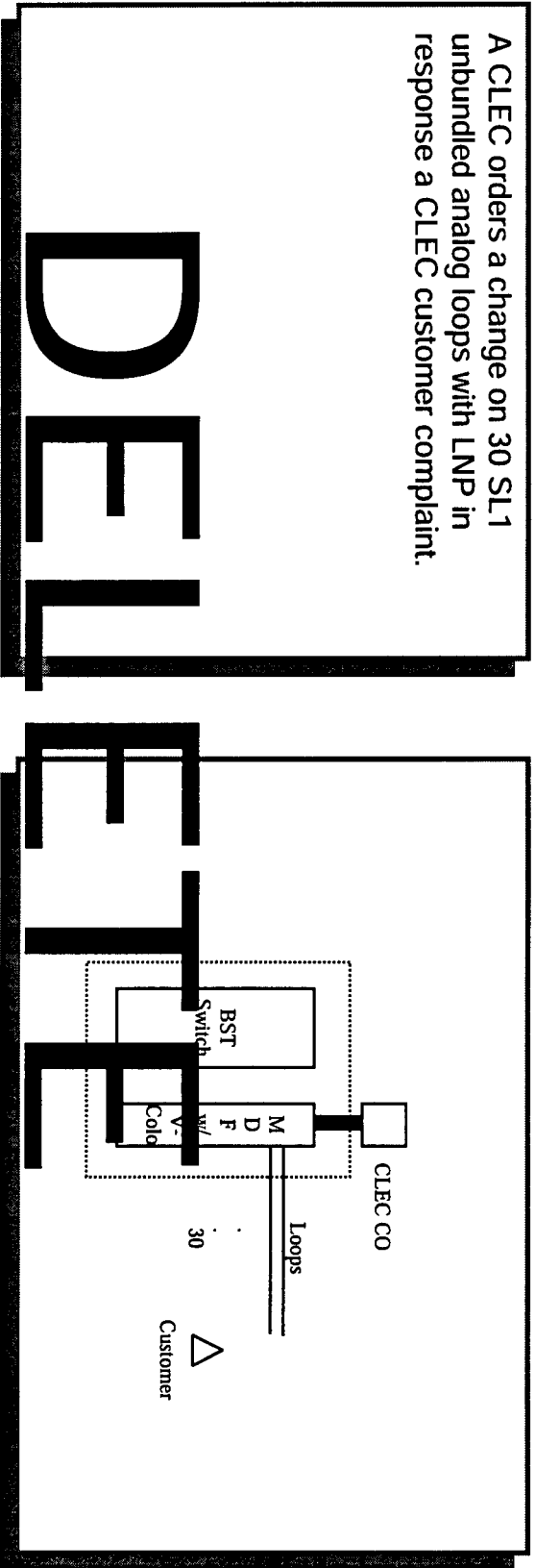
Supplement	
Errors	YES
Cancel	
Directory Listing	

Scenario # 362: A CLEC orders a change on 30 SL1 unbundled analog loops with LNP.

Scenario Description:

A CLEC orders a change on 30 SL1 unbundled analog loops with LNP in response a CLEC customer complaint.

Network Configuration:



DELETED

Scenario Summary:

REQTYPE	B
ACT TYPE	C
Partial Migration	
Flow-Through	

Scenario Characteristics:

Provisioning	
Normal Volume	
Peak Volume	
EDI	X
TAG	X

Test Case Requirements:

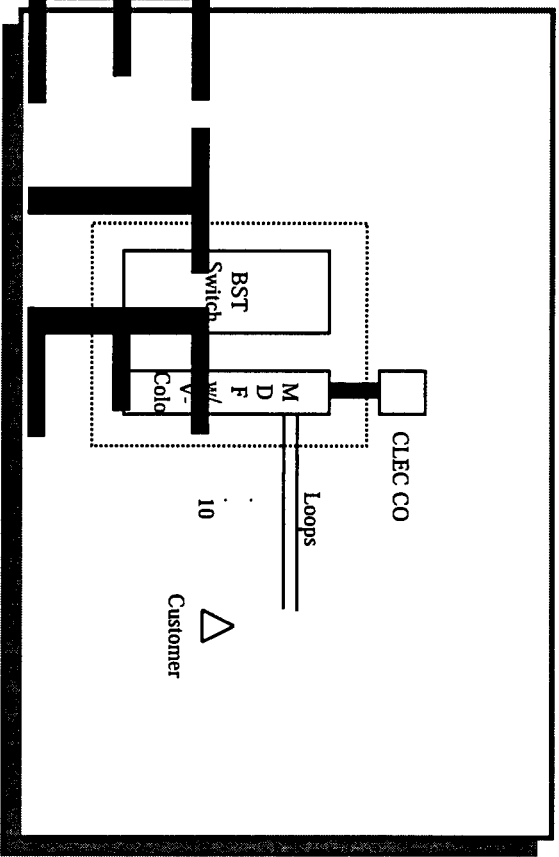
Supplement	X
Errors	X
Cancel	
Directory Listing	

Scenario # 363: A CLEC orders a change on 10 SL2 unbundled analog loops with LNP.

Scenario Description:

A CLEC orders a change on 10 SL2 unbundled analog loops with LNP in response a CLEC customer complaint.

Network Configuration:



DELETED

Scenario Summary:

REO TYPE	B
ACT TYPE	C
Partial Migration	
Flow-Through	X

Scenario Characteristics:

Provisioning	X
Normal Volume	X
Peak Volume	X
EDI	X
TAG	X

Test Case Requirements:

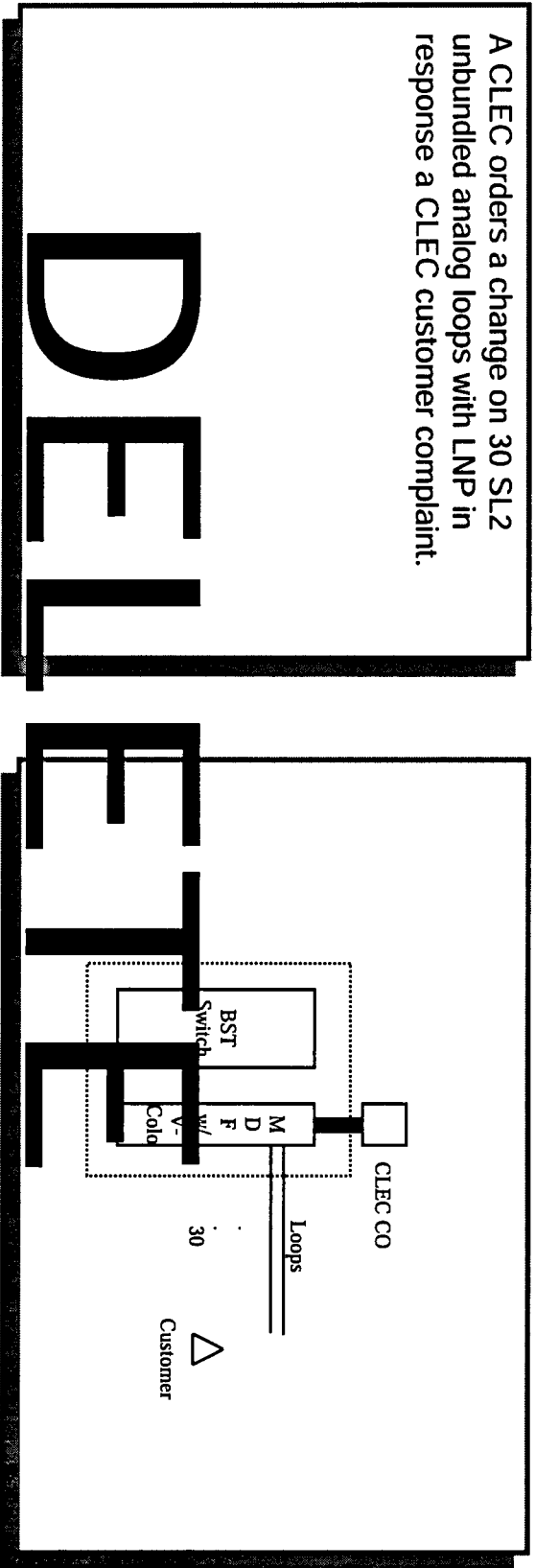
Supplement	X
Errors	X
Cancel	X
Directory Listing	

Scenario # 364: A CLEC orders a change on 30 SL2 unbundled analog loops with LNP.

Scenario Description:

A CLEC orders a change on 30 SL2 unbundled analog loops with LNP in response a CLEC customer complaint.

Network Configuration:



Scenario Summary:

REQTYPE	B
ACT TYPE	C
Partial Migration	
Flow-Through	X

Scenario Characteristics:

Provisioning	
Normal Volume	
Peak Volume	
EDI	X
TAG	X

Test Case Requirements:

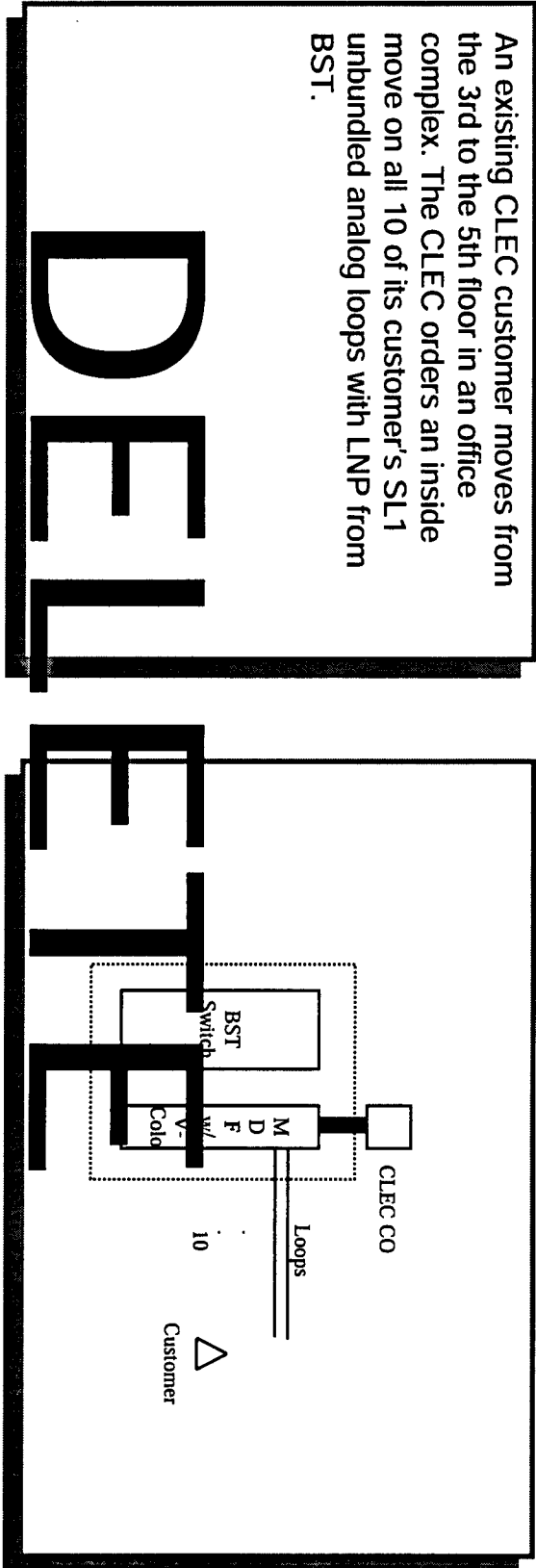
Supplement	X
Errors	X
Cancel	
Directory Listing	

Scenario # 365: An existing CLEC customer moves from the 3rd to the 5th floor. The CLEC orders an inside move on all 10 of its customer's SL 1 unbundled analog loops with LNP from BST.

Scenario Description:

An existing CLEC customer moves from the 3rd to the 5th floor in an office complex. The CLEC orders an inside move on all 10 of its customer's SL 1 unbundled analog loops with LNP from BST.

Network Configuration:



DELETE

Scenario Summary:

REQTYPE	B
ACT TYPE	M
Partial Migration	
Flow-Through	

Scenario Characteristics:

Provisioning	X
Normal Volume	X
Peak Volume	X
EDI	X
TAG	X

Test Case Requirements:

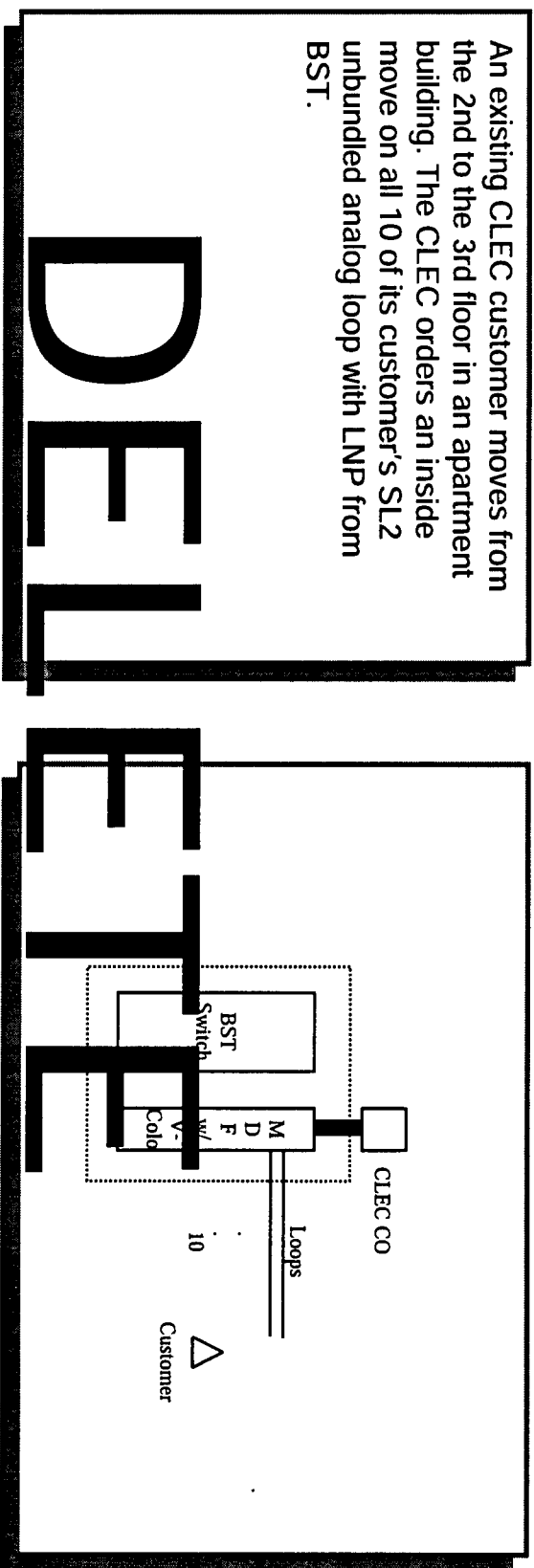
Supplement	X
Errors	X
Cancel	
Directory Listing	X

Scenario # 366: An existing CLEC customer moves from the 2nd to the 3rd floor. The CLEC orders an inside move on all 10 of its customer's SL2 unbundled analog loops with LNP from BST.

Scenario Description:

An existing CLEC customer moves from the 2nd to the 3rd floor in an apartment building. The CLEC orders an inside move on all 10 of its customer's SL2 unbundled analog loop with LNP from BST.

Network Configuration:



DELETE

Scenario Summary:

REQTYPE	B
ACT TYPE	M
Partial Migration	
Flow-Through	

Scenario Characteristics:

Provisioning	X
Normal Volume	X
Peak Volume	X
EDI	X
TAG	X

Test Case Requirements:

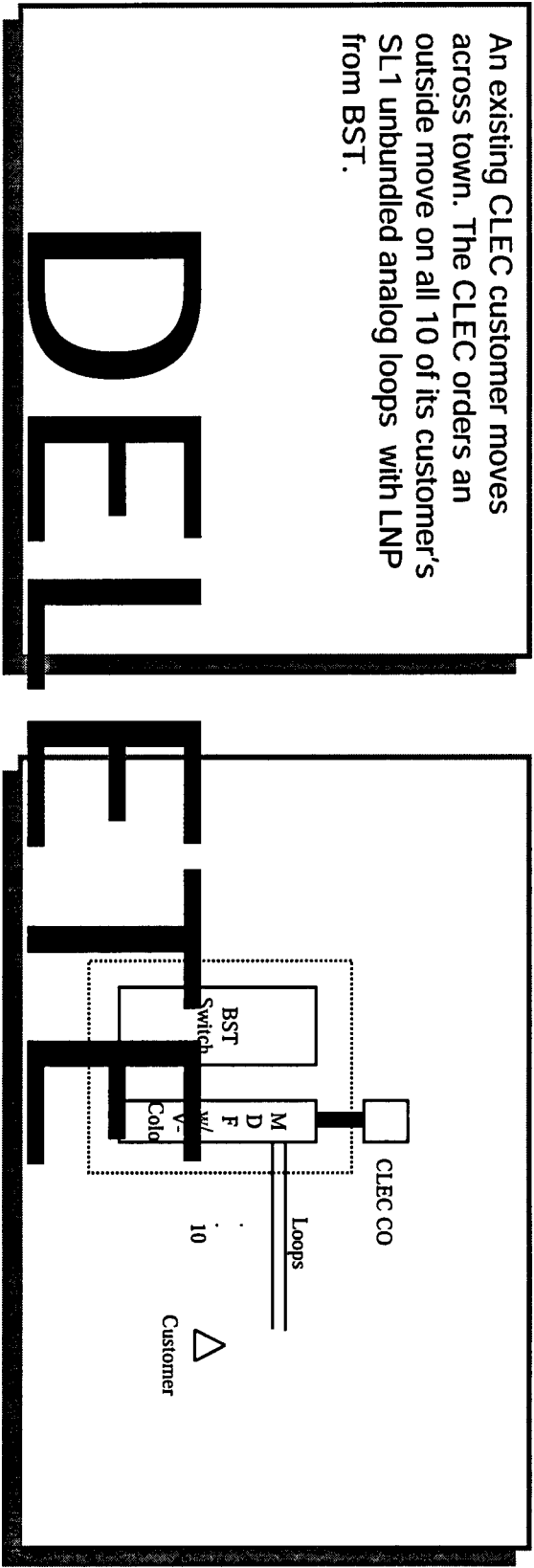
Supplement	X
Errors	X
Cancel	
Directory Listing	X

Scenario # 367: An existing CLEC customer moves across town. The CLEC orders an outside move on all 10 of its customer's SL 1 unbundled analog loops with LNP from BST.

Scenario Description:

An existing CLEC customer moves across town. The CLEC orders an outside move on all 10 of its customer's SL 1 unbundled analog loops with LNP from BST.

Network Configuration:



Scenario Summary:

REQTYPE	B
ACT TYPE	T
Partial Migration	
Flow-Through	

Scenario Characteristics:

Provisioning	X
Normal Volume	X
Peak Volume	X
EDI	X
TAG	X

Test Case Requirements:

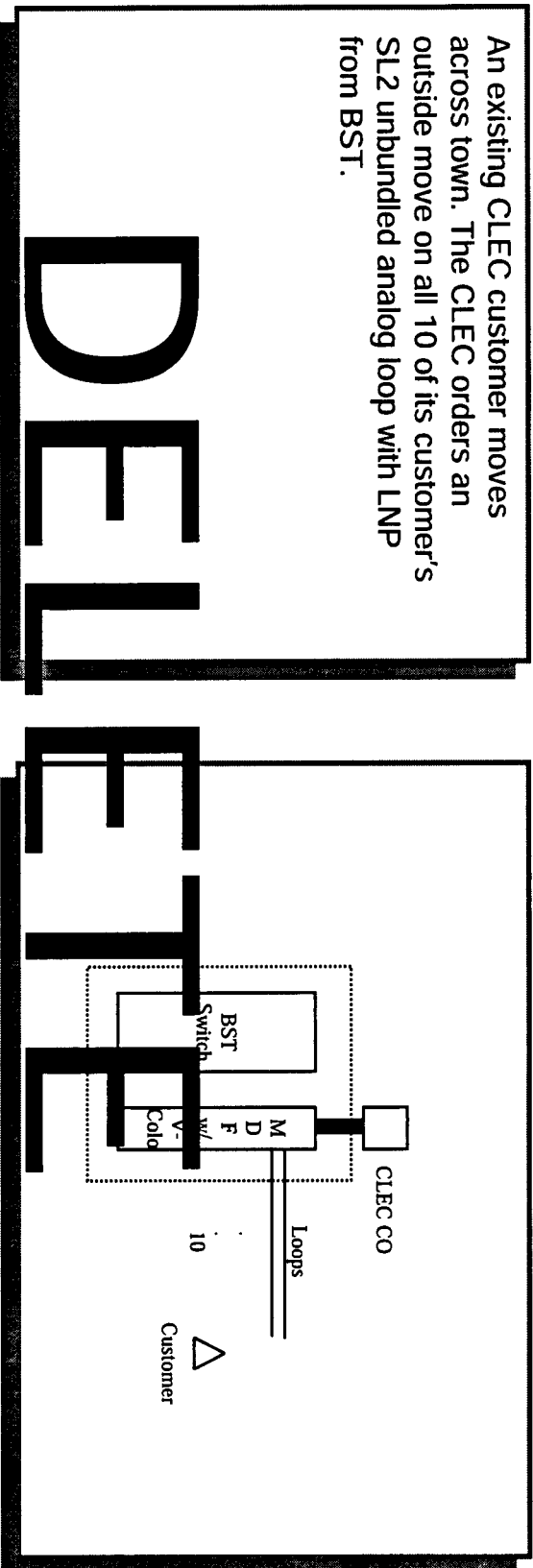
Supplement	X
Errors	X
Cancel	
Directory Listing	X

Scenario # 368: An existing CLEC customer moves across town. The CLEC orders an outside move on all 10 of its customer's SL2 unbundled analog loop with LNP from BST.

Scenario Description:

An existing CLEC customer moves across town. The CLEC orders an outside move on all 10 of its customer's SL2 unbundled analog loop with LNP from BST.

Network Configuration:



Scenario Summary:

REQTYPE	B
ACT TYPE	T
Partial Migration	
Flow-Through	

Scenario Characteristics:

Provisioning	X
Normal Volume	X
Peak Volume	X
EDI	X
TAG	X

Test Case Requirements:

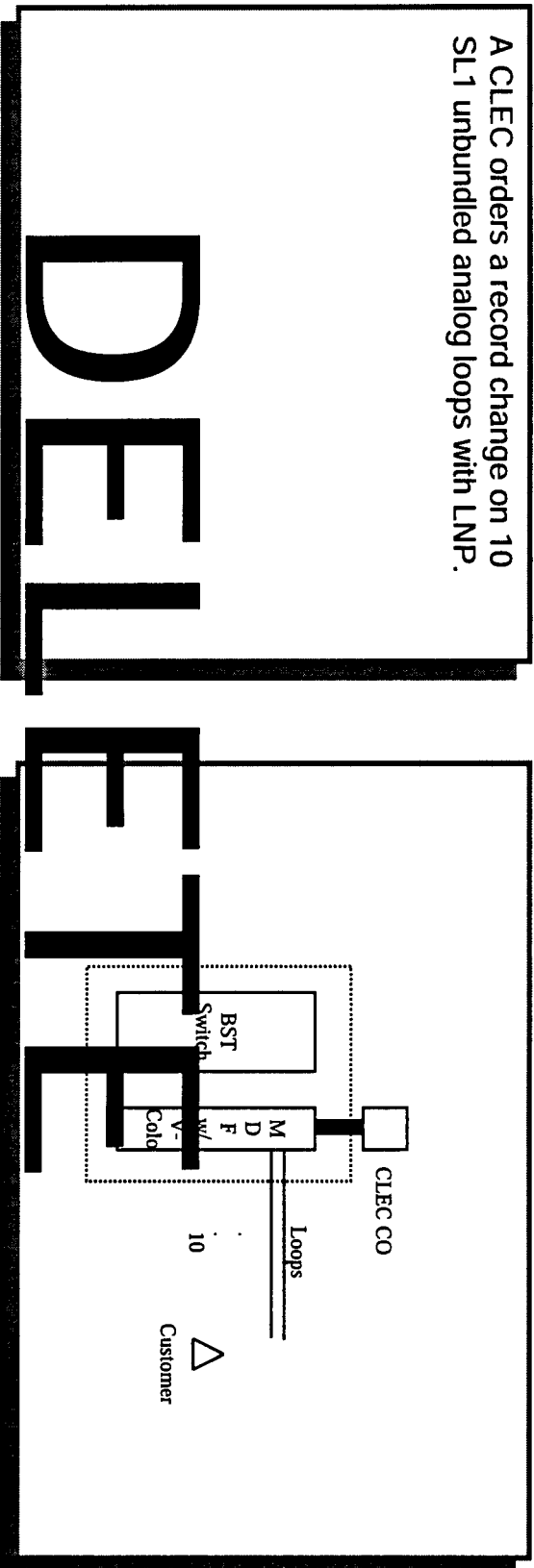
Supplement	X
Errors	X
Cancel	
Directory Listing	X

Scenario # 369: A CLEC orders a record change on 10 SL1 unbundled analog loops with LNP.

Scenario Description:

A CLEC orders a record change on 10 SL1 unbundled analog loops with LNP.

Network Configuration:



Scenario Summary:

REQTYPE	B
ACT TYPE	R
Partial Migration	
Flow-Through	X

Scenario Characteristics:

Provisioning	X
Normal Volume	X
Peak Volume	X
EDI	X
TAG	X

Test Case Requirements:

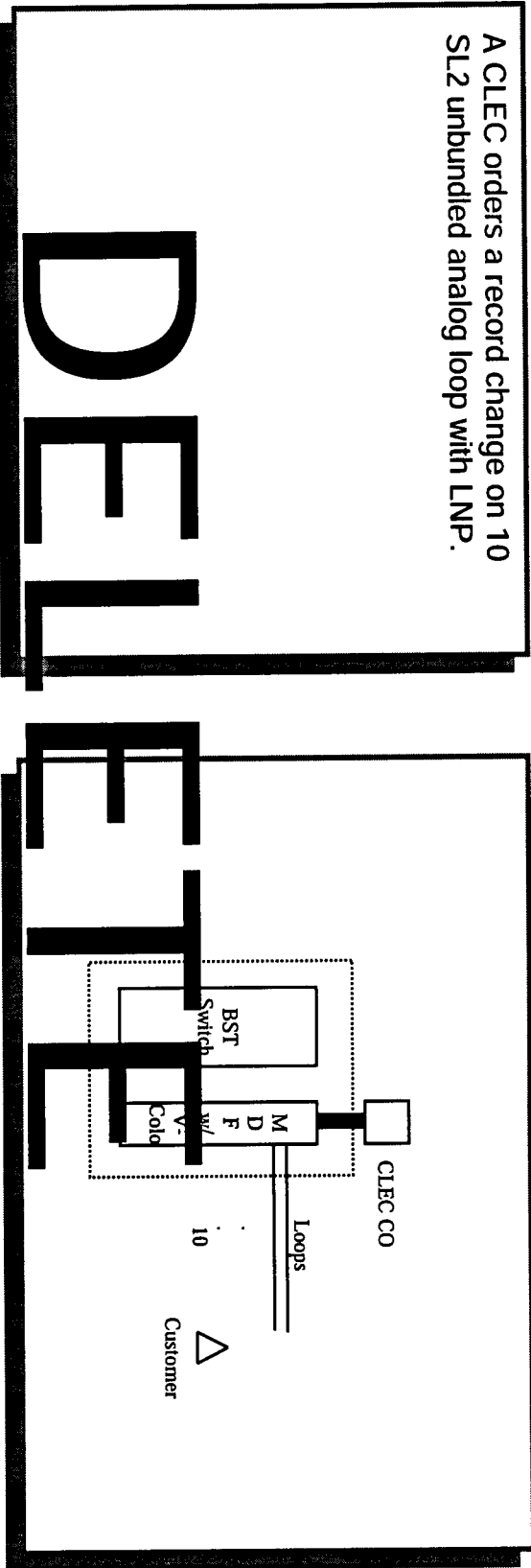
Supplement	X
Errors	X
Cancel	
Directory Listing	

Scenario # 370: A CLEC orders a record change on 10 SL2 unbundled analog loop with LNP.

Scenario Description:

A CLEC orders a record change on 10 SL2 unbundled analog loop with LNP.

Network Configuration:



Scenario Summary:

REQTYPE	B
ACT TYPE	R
Partial Migration	
Flow-Through	X

Scenario Characteristics:

Provisioning	X
Normal Volume	X
Peak Volume	X
EDI	X
TAG	X

Test Case Requirements:

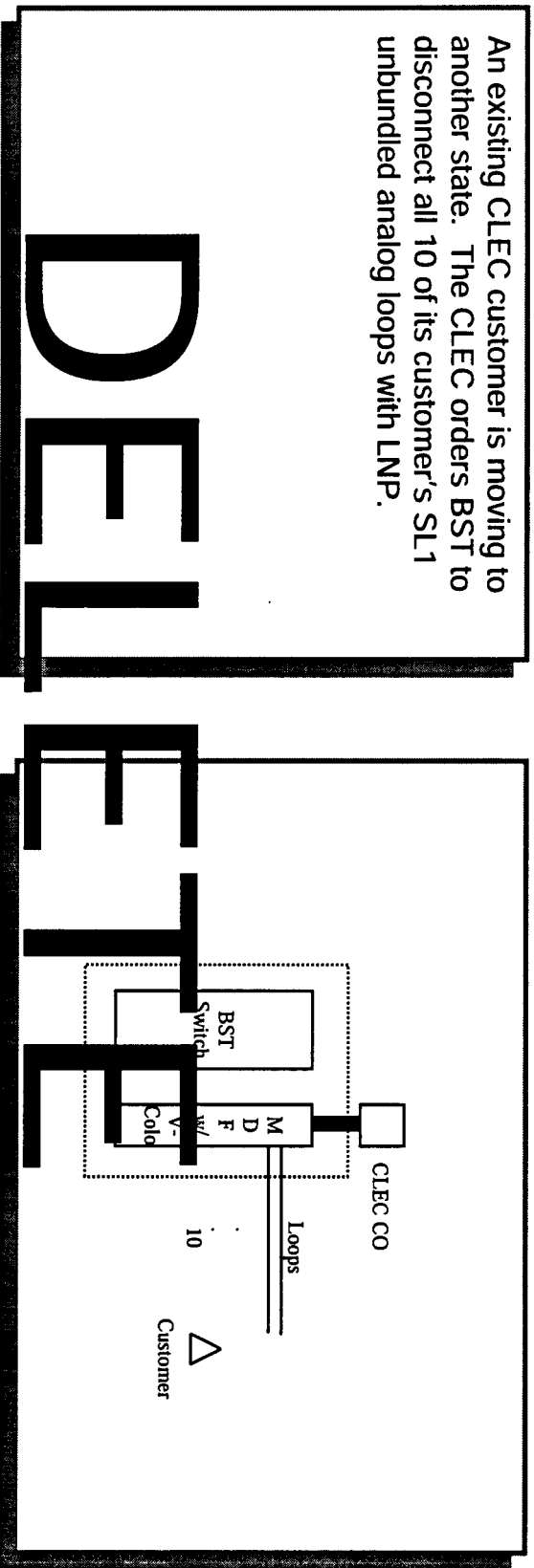
Supplement	X
Errors	X
Cancel	
Directory Listing	

Scenario # 371: An existing CLEC customer is moving to another state. The CLEC orders BST to disconnect all 10 of its customer's SL1 unbundled analog loops with LNP.

Scenario Description:

An existing CLEC customer is moving to another state. The CLEC orders BST to disconnect all 10 of its customer's SL1 unbundled analog loops with LNP.

Network Configuration:



DELETE

Scenario Summary:

REQTYPE	B
ACT TYPE	D
Partial Migration	
Flow-Through	X

Scenario Characteristics:

Provisioning	X
Normal Volume	X
Peak Volume	X
EDI	X
TAG	X

Test Case Requirements:

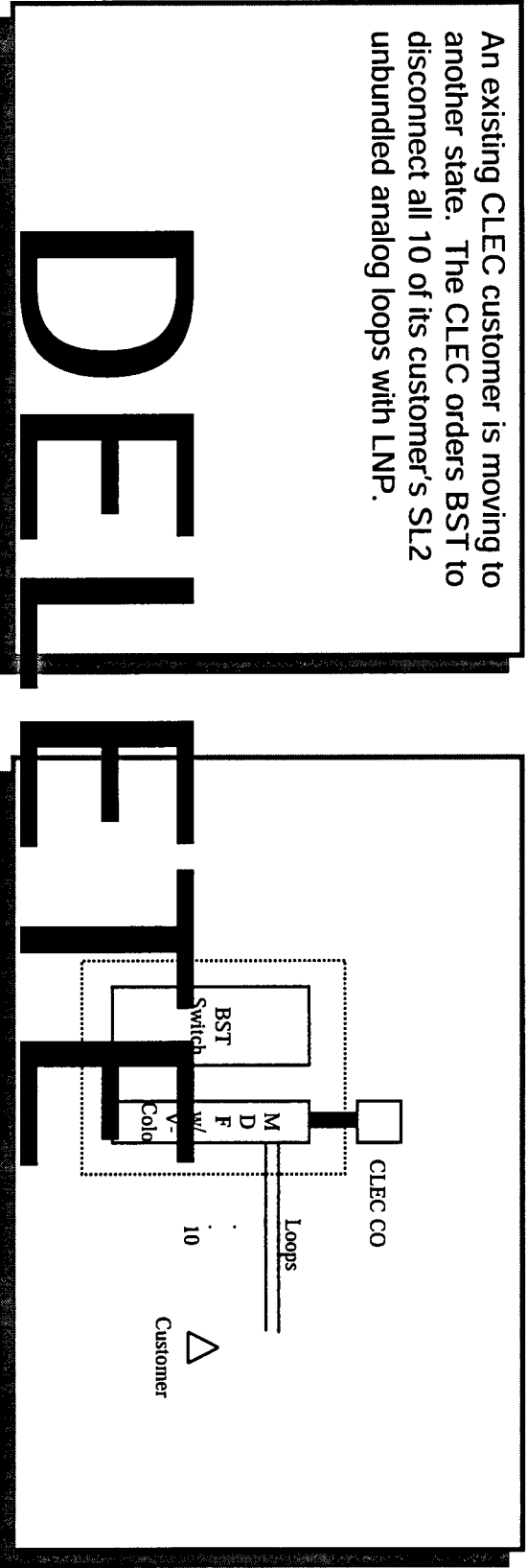
Supplement	X
Errors	X
Cancel	
Directory Listing	

Scenario # 372: An existing CLEC customer is moving to another state. The CLEC orders BST to disconnect all 10 of its customer's SL2 unbundled analog loops with LNP.

Scenario Description:

An existing CLEC customer is moving to another state. The CLEC orders BST to disconnect all 10 of its customer's SL2 unbundled analog loops with LNP.

Network Configuration:



Scenario Summary:

REQTYPE	B
ACT TYPE	D
Partial Migration	
Flow-Through	X

Scenario Characteristics:

Provisioning	X
Normal Volume	X
Peak Volume	X
EDI	X
TAG	X

Test Case Requirements:

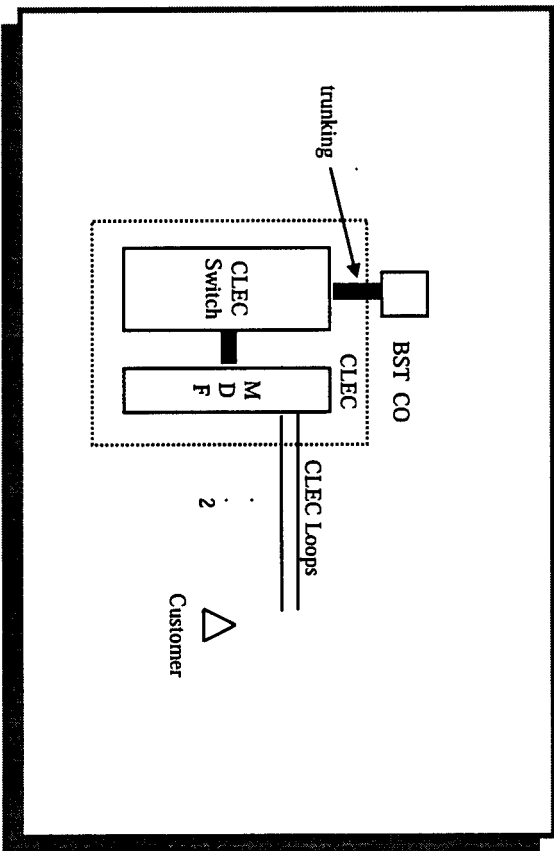
Supplement	X
Errors	X
Cancel	
Directory Listing	

Scenario # 373: A CLEC orders INP for 2 partially migrated business lines from BST.

Scenario Description:

A CLEC orders INP for 2 partially migrated business lines from BST. The business customer currently has 6 lines, 4 of which stay with BST and 2 are migrated "as-specified" to the CLEC.

Network Configuration:



Scenario Summary:

REO TYPE	C
ACT TYPE	V
Partial Migration	X
Flow-Through	X

Scenario Characteristics:

Provisioning	X
Normal Volume	X
Peak Volume	X
EDI	X
TAG	X

Test Case Requirements:

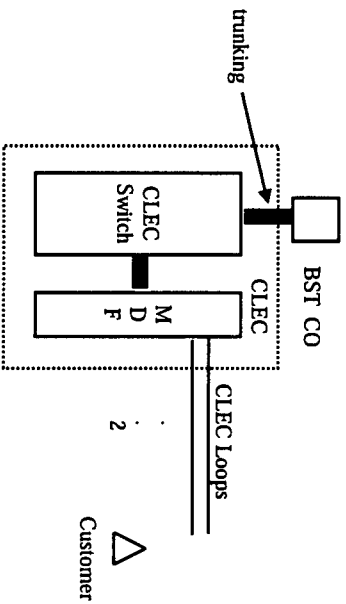
Supplement	X
Errors	X
Cancel	
Directory Listing	X

Scenario # 374: A CLEC orders INP for 2 fully migrated lines from BST.

Scenario Description:

A CLEC orders INP for 2 migrated lines from BST.

Network Configuration:



Scenario Summary:

REQTYPE	C
ACT TYPE	V
Partial Migration	
Flow-Through	X

Scenario Characteristics:

Provisioning	X
Normal Volume	X
Peak Volume	X
EDI	X
TAG	X

Test Case Requirements:

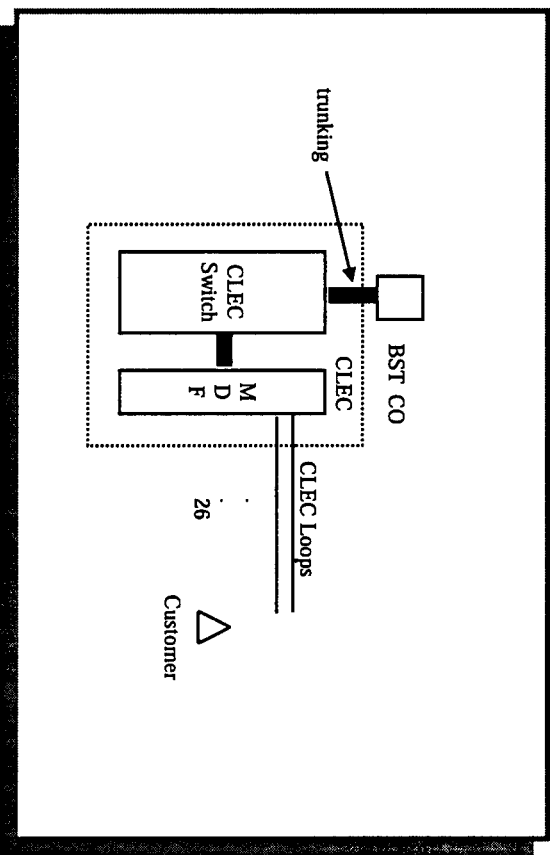
Supplement	X
Errors	X
Cancel	
Directory Listing	X

Scenario # 375: A CLEC orders INP for 26 partially migrated lines from BST.

Scenario Description:

A CLEC orders INP for 26 partially migrated lines from BST. The customer currently has 31 lines, 5 of which stay with BST and 26 are migrated "as-specified" to the CLEC.

Network Configuration:



Scenario Summary:

REO TYPE	C
ACT TYPE	V
Partial Migration	X
Flow-Through	

Scenario Characteristics:

Provisioning	
Normal Volume	X
Peak Volume	X
EDI	X
TAG	X

Test Case Requirements:

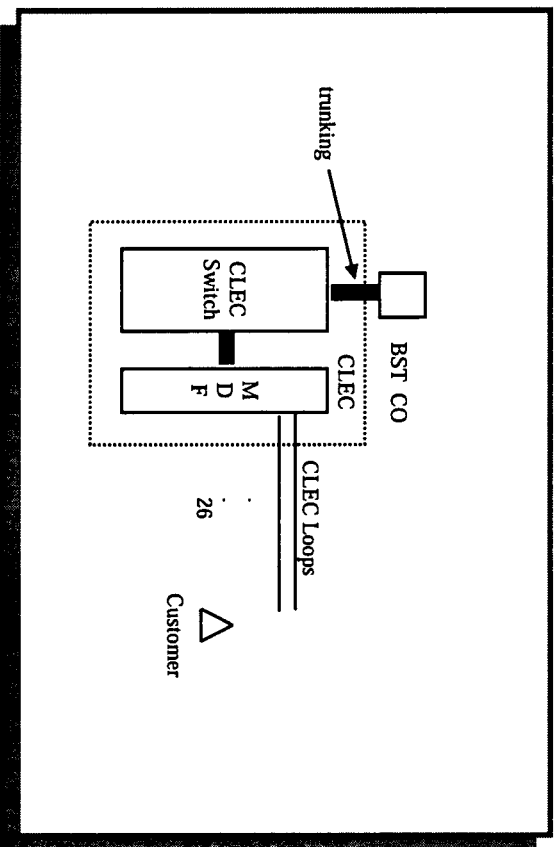
Supplement	X
Errors	X
Cancel	X
Directory Listing	X

Scenario # 376: A CLEC orders INP for 26 fully migrated lines from BST.

Scenario Description:

A CLEC orders INP for 26 fully migrated lines from BST.

Network Configuration:



Scenario Summary:

REQTYPE	C
ACT TYPE	V
Partial Migration	
Flow-Through	

Scenario Characteristics:

Provisioning	
Normal Volume	X
Peak Volume	X
EDI	X
TAG	X

Test Case Requirements:

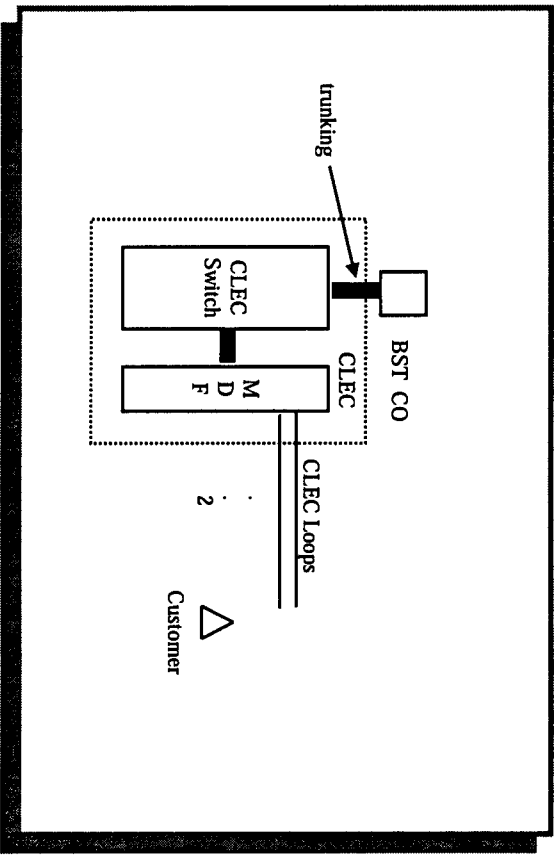
Supplement	X
Errors	X
Cancel	
Directory Listing	X

Scenario # 377: A CLEC orders INP for 2 lines.

Scenario Description:

A CLEC orders INP for 2 lines in support of an existing resale customer being migrated to CLEC facilities.

Network Configuration:



Scenario Summary:

REQTYPE	C
ACT TYPE	V
Partial Migration	
Flow-Through	X

Scenario Characteristics:

Provisioning	X
Normal Volume	X
Peak Volume	X
EDI	X
TAG	X

Test Case Requirements:

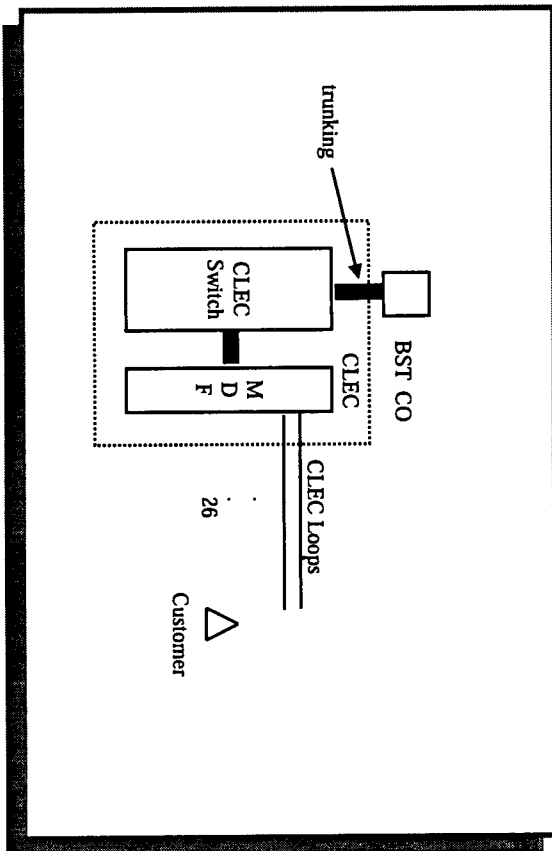
Supplement	X
Errors	X
Cancel	
Directory Listing	X

Scenario # 378: A CLEC orders INP for 26 lines.

Scenario Description:

A CLEC orders INP for 26 lines in support of an existing resale customer being migrated to CLEC facilities.

Network Configuration:



Scenario Summary:

REQTYPE	C
ACT TYPE	V
Partial Migration	
Flow-Through	

Scenario Characteristics:

Provisioning	
Normal Volume	X
Peak Volume	X
EDI	X
TAG	X

Test Case Requirements:

Supplement	X
Errors	X
Cancel	
Directory Listing	X