

EXHIBIT OSS – 59

**Telecommunications Access Gateway (RoboTAG)
Testing Agreement**



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Testing Agreement**

For

Prepared by:

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CLEC TESTING AGREEMENT:

About This Agreement:

Audience:

The BellSouth RoboTAG Testing Agreement document is intended for Competitive Local Exchange Carriers who order local exchange products and services from BellSouth Telecommunications, Inc. via Telecommunications Access Gateway.

Acronyms:

The following acronyms are used throughout this document:

ANSI	American National Standards Institute
ASC	Accredited Standards Committee
BLP	Business Logic Processor
BST	BellSouth Telecommunications, Inc.
CLEC	Competitive Local Exchange Carrier
RoboTAG	Telecommunications Access Gateway
LCSC	Local Carrier Services Center
LEO	Local Exchange Ordering (system)
LNP	Local Number Portability
LNPGW	LNP Gateway (ordering system)
NPAC	Number Portability Administration Center
SAIC	Science Application International Corporation
TCIF	Telecommunications Industry Forum

Related Documentation:

BellSouth Business Rules for Local Ordering

Technical Assistance:

Appendix A lists BellSouth Testing contacts.

RoboTAG Testing Agreement Overview:

This introduction provides an overview of the BellSouth RoboTAG testing agreement.

Introduction:

This document describes testing guidelines to be used by CLECs when testing systems for ordering local exchange products and services from BST via RoboTAG.

Purpose:

The testing process described in this document is designed to validate BST - CLEC RoboTAG local exchange ordering procedures. The testing achieves the following goals:

- Verification of connectivity between BST and CLEC.
- Compliance with the TAG API standards.
- CLEC compliance with BST usage requirements as presented in the BellSouth Business Rules-for Local Ordering
- Proof of CLEC's ability to send local exchange order requests to BST.
- Proof of BST's ability to electronically acknowledge CLEC order requests.
- Proof of BST's ability to translate and process CLEC LSR(s).
- Proof of CLEC's ability to respond electronically to BST's firm order confirmation and completions.

This document is a supplement to the TAG Testing Guidelines included in the BellSouth Business Rules-for Local Ordering. Outlined here are the business operational parameters set forth for the purpose of conducting RoboTAG Validity testing with CLECs. Any arrangements other than those outlined in the TAG Testing Guidelines, BellSouth Business Rules-Local Ordering or in this document, must be negotiated with the LCSC Testing Staff.

Connectivity:

Connectivity validates the CLECs ability to communicate with BellSouth; and BellSouth's ability to return a communication.

Validity Testing:

This chapter describes the requirements for performing Validity Testing with BST, including entrance and exit criteria.

Definition:

Validity Testing (ETET) verifies that data content provided by the CLEC is meaningful to the LEO, LNPGW, and ordering systems at BST. This testing also verifies that the data content will remain valid throughout the full order cycle as identified by the business transactions listed below.

Validity Testing must be conducted for all new CLECs ordering local exchange products or services. Validity Testing is also required when changes are made to RoboTAG to accommodate industry standards (TCIF or ANSI).

Validity Testing Business Transactions

- Local Exchange Order from CLEC
- Firm Order Confirmation from BST
- Purchase Order Change Request from CLEC
- Acknowledgment of Change Request from BST
- Acknowledgment of Completion Notice from BST. No Completion notices will be sent for LNP transactions.

Connectivity Testing:

Connectivity testing will occur prior to End to End testing. The CLEC must select one of the following to conduct a ping test in one business day:

1. Internet
2. LAN to LAN

Entrance Criteria:

Successful completion of training

Exit Criteria:

Successful completion of connectivity testing

Validity:

Validity is testing that will result in a service order, FOC, and Completion Notice (CN) for a firm order LSR. This testing will include verification that error messages are received and returned.

Firm Order - A pre-defined set of test used by the CLEC that will generate a service order, FOC and CN. Completion Notices will not be generated for LNP test scenarios.

During firm order testing, the Electronic Interface Staff will incorporate the transaction responses for pre-order and the firm order service request in the measurements for successful testing.

Entrance Criteria:

- LSR(s) are to be formulated using test cases provided by BellSouth.
- Up to 20 LSR(s) can be processed and reviewed during Validity testing
- All LSR(s) for validity testing must be issued within a three- (3) week timeframe, beginning on the negotiated start date. All LSR(s) will be evaluated, up to and including, the last version of the LSR(s) received during the three- (3) week timeframe.
- NPAC messages are not processed for LNP LSR(s)
- No Completion Notices will be generated for LNP LSR(s)

Procedures:

The following list details the Validity procedures:

1. BST and CLEC agree on the date to send first Validity test order.
2. Only one testing session (one test agreement) per CLEC can be in progress at a time.

Exit Criteria:

BST notifies CLEC that Validity Testing has concluded successfully and BST is ready to move to production.

Service Readiness Testing (SRT):

Service Readiness Testing is conducted at the end of the Validity testing. Service Readiness is conducted to ensure production readiness. The CLEC will conduct this phase of testing with actual production data from their end user base. BellSouth will allow the CLEC to connect directly to the RoboTAG production server and conduct the following with the CLEC:

- Connectivity test
- One Firm Order Test for non-LNP and One Firm Order Test for LNP

When these two (2) tests are scheduled for testing, BellSouth expects the tests will be conducted on the same day. On those occasions when all tests cannot be conducted on the same day, then this phase will last only three (3) days.

Entrance Criteria:

- Successful completion of Validity testing
- SRT is conducted in production for BellSouth
- BellSouth and the CLEC will agree upon the number of LSR(s) can be processed and reviewed during SRT.
- LSR(s) for SRT must be issued within a one- (1) week timeframe, beginning on the negotiated start date.

Exit Criteria:

- Successful completion of the Connectivity testing, Pre-order and Firm order testing for production readiness

After BellSouth acknowledges the success of these tests, the CLEC is released from the testing phase to production.

Test Cases:

- BST uses test cases to verify that CLECs can submit pre-order and firm order transactions and send acknowledgments for these products and services via RoboTAG.
- BellSouth's LCSC staff will provide the actual test case data to CLECs prior to testing.
- CLEC may be required to use their own accounts to test certain activities.
- CLEC will provide actual data and accounts for SRT.

Appendix A - Contacts:

Appendix A lists BellSouth testing and Account Team contacts:

<u>Contact Type</u>	<u>Name</u>	<u>Phone Number</u>	<u>FAX</u>
BellSouth Account Representative			
RoboTAG (Non LNP) Test Manager			
RoboTAG (LNP) Test Manager			

Appendix B - CLEC/BST Specific Details / Sign Off:

Types of Testing:

Connectivity: Start Date: End Date:

LAN to LAN Internet

Validity: Start Date: End Date:

Non-LNP & LNP

SRT Start Date: End Date:

Non-LNP & LNP

Test Cases Types: Pre-order Firm Order Both

Description of the Types of Cases:

Testing Procedures:

General Agreements:

Contact Type	Name	Phone	FAX
BST Account Representative			
CLEC Lead Negotiator			
CLEC Test Manager			
BST (Non-LNP) Test Manager BST (LNP) Test Manager			

Addendum:

Signed:

_____ **Date:** _____
Name
CLEC Project Manager

_____ **Date:** _____
Name
BellSouth RoboTAG NonLNP Test Manager

_____ **Date:** _____
Name
BellSouth Account Team Representative

_____ **Date:** _____
Name
BellSouth RoboTAG LNP Test Manager